FIFTEEN ROPE FERRY ROAD
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TOWN CLERK

BOARD OF FINANCE
AGENDA

Waterford Town Hall
Budget Hearing

Wednesday, March 18, 2026
Town Hall, 7:00 p.m.

1. Call to Order
2. Public Comment
3. 10111 – Building Maintenance
4. 10130 – Public Works
5. 10138 – Capital Improvements
6. 10139 – Debt Service
7. 10140 – Transfers to Capital and Non-Recurring Expenditure Fund
8. Adjournment

Glenn Patterson, Chairman

TOWN OF WATERFORD
GENERAL FUND
2026-2027 PROPOSED BUDGET

DEPT/AGENCY: 10111 BUILDING MAINTENANCE

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	FY2025 TRANSFERS IN/OUT	2025-2026 RTM APPROP.	2025-2026 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/26	2026-2027 DEPT/ AGENCY REQUEST	2026-2027 BD OF SELECTMEN APPROVED	BOS Approved $ Increase	BOS Approved % Increase
PERSONNEL COSTS										
51140	FACILITIES COORDINATOR	0		0			54,204	54,204	54,204	
51810	OVERTIME	0		0			0	0	-	
51910	FRINGE BENEFITS	0		0			125	125	125	
51920	F.I.C.A	0		0			4,147	4,147	4,147	
	SUBTOTAL	0	0	0	0	0	58,476	58,476	58,476	
SERVICES										
52010	ADVERTISING	0		0		3,179	0	0	-	
52040	SERVICE CONT. & REPAIRS	427,576	120,254	435,000		391,556	440,000	440,000	5,000	1.15%
52090	FUEL OIL	67,459	38,000	35,000		9,042	65,000	65,000	30,000	85.71%
52091	NATURAL GAS	81,112		95,000		24,063	85,000	85,000	(10,000)	-10.53%
52100	ELECTRICITY	466,769	91,800	375,000		202,950	450,000	450,000	75,000	20.00%
52110	WATER	34,152	13,702	22,000		14,702	39,900	39,900	17,900	81.36%
52120	SEWER	44,191	19,777	26,000		7,941	45,000	45,000	19,000	73.08%
	SUBTOTAL	1,121,259	283,533	988,000	0	653,433	1,124,900	1,124,900	136,900	13.86%
MATERIALS & SUPPLIES										
53020	OTHER SUPPLIES	8,812	1,000	7,000		7,000	9,500	9,500	2,500	35.71%
	SUBTOTAL	8,812	1,000	7,000	0	7,000	9,500	9,500	2,500	35.71%
IMPROVEMENTS										
55030	BUILDING IMPROVEMENTS	22,321		25,000		9,368	25,000	25,000	-	0.00%
	SUBTOTAL	22,321	0	25,000	0	9,368	25,000	25,000	-	0.00%
DEPARTMENT TOTAL		1,152,392	284,533	1,020,000	0	669,801	1,217,876	1,217,876	197,876	19.40%

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance

















TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance

Director's Opening Statement:

Maintaining a building is more than answering a call to repair what doesn't work. It is management of utilities, space utilization, renovations and replacements. It requires the understanding of how the mechanical components interact with each other and the personnel in the buildings. It is more than building maintenance. It is Facility Management, the coordination of workplaces, people, and support services in order to support each department's goals in the most cost effective manner.

Our focus remains on:

- Providing a building that is inviting, providing a sense of welcome at the entrance.
- It must have a community orientation with residents feeling comfortable using the services at the facility.
- The vision remaining proactive, not reactive.
- Compliance with all environmental permit requirements
- Compliance with all Building and Fire Code requirements ensuing a safe building

Components of a well-managed facilities program encompasses:

*Preventative Maintenance Schedules
*Repair Protocols
*Space needs programming
*Energy Audits
*Facility Inspections
*Alarm Testing
*Custodial Methods
*Live Safety Systems
*Security Systems
*ADA (Barrier Free Buildings)
*Environmental Permit Compliance
*Indoor Air Quality
*Building Code Compliance
*Capital Projects (New & Renovations)

Work on this budget started in July and involved hours of staff time at all levels assembling information and seeking pricing for the upcoming year. The basic philosophy in preparing the budget was:

- Adequately fund the maintenance and utility accounts. Take care of what we already have
- Propose equipment replacement before the end of service life
- Do not take on new services or projects without a discussion on the impact, and cost.

The following facilities encompassing approximately 240,000 sf that is assigned to this budget:

- Town Hall
- Library
- Public Safety
- Community Center
- Youth & Family Services

- Police
- Municipal Complex (all buildings on the property, except Utilities Operations)
- Jordan Park House
- Eugene O'Neill Theater Center
- Cohanzie School (vacant property)
- NEW: Oswegatchie Fire House (current)

The budget presented is primarily an operations (fixed costs) budget. It is obligated to pay water, public sewer, and electricity, heating (oil and natural gas) utility bills. We must comply with environmental permits, perform life safety inspections (sprinklers and fire alarms), and manage intrusion alarms and contract for full time custodial services at the Town Hall, Public Safety, Community Center, Youth and Family Services, Police and the municipal complex. Part time custodial services are provided to the Library. Funding for new construction, major replacements of equipment or renovations to the existing space are found in the Capital Improvement Program.

The Department is able to provide a 4-year look back for this budget, but the data for FY21 should be discounted. Facilities expenses may have been combined with other expenses in each department's budget previous requests for FY21. Any attempt to separate out these costs would be labor intensive and questionable to its accuracy. We will continue to build a database ensuring proper accounting in each area.

New:

Oswegatchie Fire House is now a town building. The budget includes costs to maintain the current structure until the new fire station has been completed. Added costs are for generator maintenance, Fire Code inspections, HVAC and rodent control.

Working with the IT Department on a project to upgrade the data rooms in various town buildings. Work that is the Building Maintenance's portion is electrical, dehumidification and minor work to the door, walls and ventilation.

The proposed budget requests the position of Facility Manager be authorized. In order for this Department to be proactive and not reactive with compliance with permit requirements and Building & Fire Code requirements requires a full time position. I have placed this position in my request, but funded for just three quarters of the year, realizing that recruitment and on-boarding is expected to consume 3 months.

General Overview:

<u>Staffing:</u>
Facilities is managed through the Public Works Department under the leadership of the Director of Public Works. Office staff provide assistance with reporting, accounts payable and generation of work orders. A mix of Public Works Operations personnel, Board of Education skilled trades and contractors work to complete the work orders.

A Facility Manager will take some of the burden off the Public Works staff who work on facilities issues.

Utilities:
Facilities is responsible for the utilities (water, sewer, heating oil, natural gas and electricity) consumed at the buildings previously listed as well as the 5 Fire Stations. Consolidating all Utility billings under one department allows a savings in staff time for processing and a better capture of data.

- Electricity: Facilities is responsible for 40 accounts to include those of the Fire Stations (5) and Police Radio Sites (5) and 15 misc. accounts that are locations for Recreation and Parks programs. The Transmission rate is $.1027/kwh. The generation rate is $.1048/kwh.

- Water: There are 33 accounts that we manage. We have budgeted a 14% increase in the cost of water. The current cost of $3.33 per 100CF would go up to approximately $3.80 per 100CF in July of 2026.

- Sewer: There are 20 accounts that we manage. We have not budgeted any rate increases.

- Heating Oil: Currently we have seven buildings (5 Fire Houses, Library and the Jordan Park House) that receive heating oil.

- Natural Gas: We have five locations with Natural Gas (Municipal Complex, Town Hall, Community Center, Police Dept. and the Public Safety building). We have been notified that the Municipal Complex will be billed using a Daily Demand Meter Rate (Rate 20). A telemetering charge of $22/month is now part of this billing.

Waste Disposal:
Solid Waste/Recyclables: The Public Works Department provides the containers and collection services and pays for disposal. These costs are included in the Public Works budget and are not included in this budget.

Service Contracts:
These contracts allow us to ensure the preventative maintenance tasks are performed at all of the facilities. It also allows us to monitor the performance of the vendor.

Life Safety Inspections:
For those buildings with sprinklers and/or fire alarms, quarterly inspections are required to keep the Town in compliance with the Fire Code. From these inspections, items are identified to be tested or components repaired. NFPA 25 for buildings with sprinklers (quarterly), NFPA 72 for building with fire alarms (annual) and NFPA 10 for fire extinguishers (annual) are what are budgeted for. We are now responsible for inspection of nine fire hydrants located on Town property.

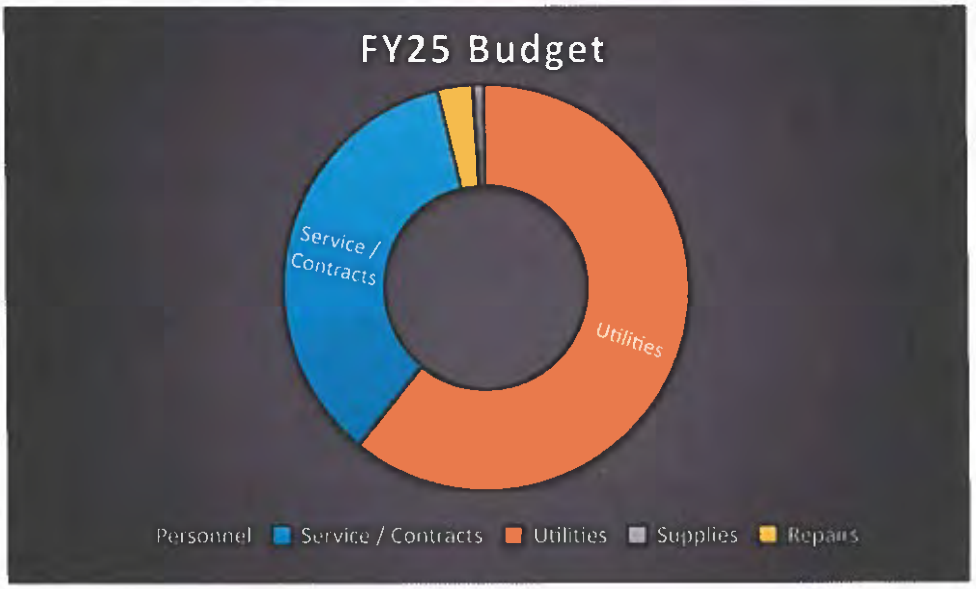
HVAC

Units are on a preventative maintenance program. Not only are the units inspected, the units are cleaned, belts inspected, filters changed and valves exercised.

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance

Challenges:

- Building Maintenance is moving towards Facility Management, but effort is still being overshadowed by the immediate need to fix what is broken.
- The tasks ahead need not focus on the wrenches; it is in the IPad, capital project identification and energy management.
- Policy makers are asking for information, current staffing levels cannot provide the information in a timely manner.
- Analysis of information of what we have.
- Maintaining the old Oswegatchie Fire House while the new one is being built.
- In the future, new facilities will be added to this department.
    - Oswegatchie Fire House (8,000 sf)
    - Friendship School (60,000 sf) of a building that is over 20 years old



Personnel	$	-
Service / Contracts	$	317,959
Utilities	$	544,865
Supplies	$	8,000
Repairs	$	25,000

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance

5100 SERIES

FY27 Request $58,476

5200 SERIES

10111-52040 – Service Contracts and Repairs

The primary method to minimize costly service calls are annual preventative maintenance contracts. Contracts include HVAC maintenance, pest control, alarms and fire system inspections as well as generator maintenance.

Custodial services provided to Town Hall, Municipal Complex, Youth & Family Services, Community Center, Public Safety Building and part time coverage at the library are included in this line item. The Library (day coverage) and the Police Station provide these services in their budgets. The cost of custodial services at the Town Hall is partly offset by a funding agreement between the Town and Board of Education. These funds are listed in this budget as a revenue.

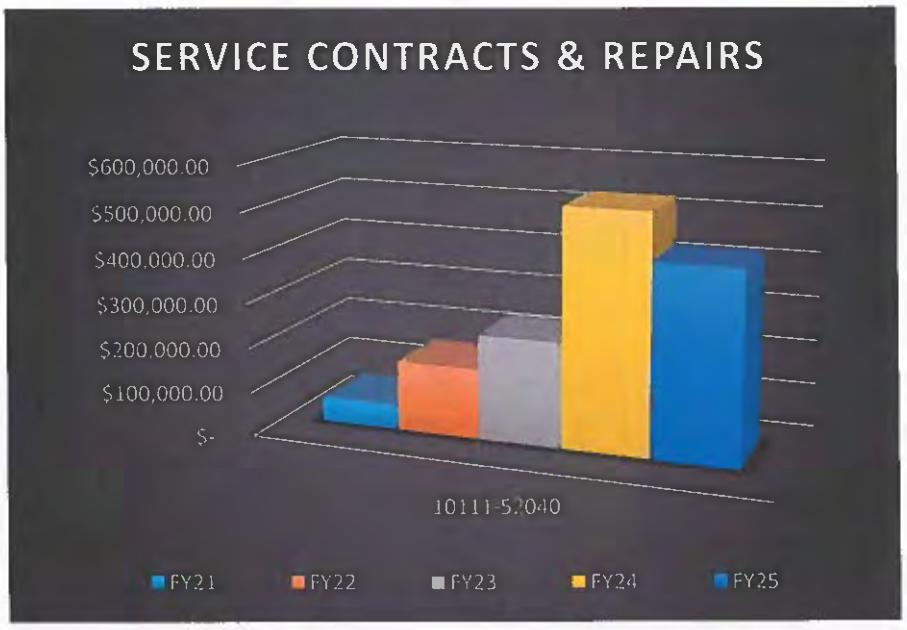
We also have on-call contractors for repairs that are not general maintenance. These are for plumbing, roofing, electrical, overhead doors, and air quality.

BUILDING MAINTENANCE REPAIRS / SERVICES		
Minor repairs	$	12,100
ADA Door repairs	$	2,000
Plumbing services	$	15,000
Electrical Services	$	16,522
Air quality	$	2,000
Tank testing	$	1,500
Misc. Supplies	$	12,500
	$	**61,622**

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance

BUILDING MAINTENANCESERVICE AGREEMENTS

Vendor	Type of Work	Forecast Budget
A.I.T	Water Treatment / Community Center	$ 800
Action Air	HVAC - PM	$ 86,105
A&J Generators	Generator - PM	$ 9,000
Building One	Custodial Services	$ 167,700
Central Alarm (ITS)	Mandatory Fire Alarm Inspection (HFPA-72)	$ 7,500
Fire Protection Test	Mandatory Fire & Sprinkler inspections (NFPA-25)	$ 12,500
Frontier	POTS (Plain Old Telephone Lines)	$ 6,000
Cintas	Police Dept Floor Mats	$ 1,200
Otis Elevator	Elevator Maintenance Service Program	$ 10,000
Overhead Door	Overhead Door Maintenance	$ 5,000
Primo Water	Water Delivery	$ 1,912
MES - Shipman's	Mandatory Fire Extinguisher Inspections (NFPA - 10)	$ 6,500
Tremco	Roof Repairs	$ 20,000
Waltham Chemical	Pest Services	$ 10,700
		$ 344,917



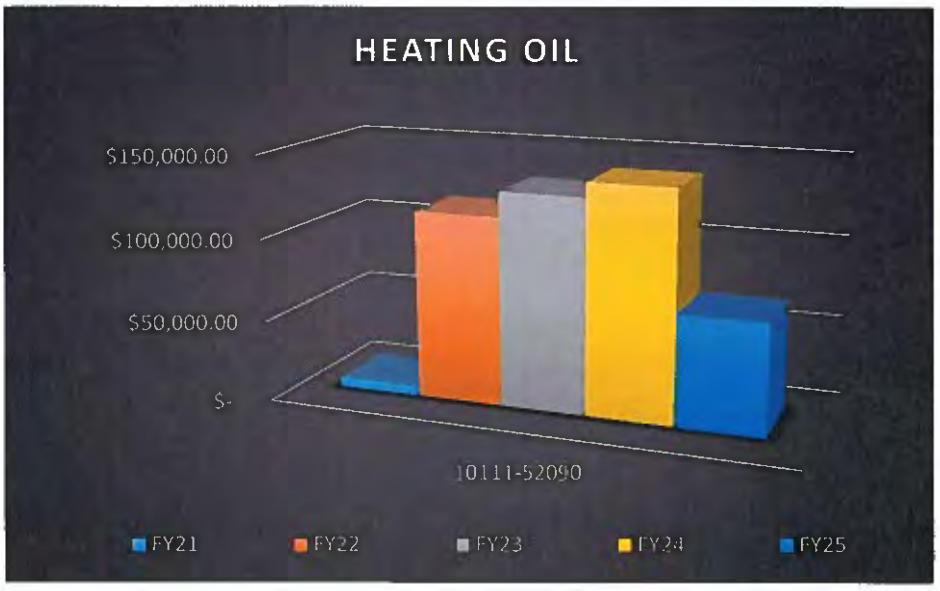
FY21	$ 57,821 *Not used in average
FY22	$160,082
FY23	$238,733
FY24	$530,736
FY25	$427,576
4 year average	**$339,282**

FY 27 Request **$440,000**

10111-52090 Heating Oil

Heating oil is for the 5 fire houses, the Library and Jordan Park House. The price per gallon is set at $2.7392/gallon

OIL/gallons	Heating Oil	Oct	Nov	Dec	Jan	Feb	MARCH	APRIL	MAY	TOTAL GALLONS	Costs
1500	Jordan Fire	86.2		700		1200	680	375		3041.20	$ 8,330.46
1500	Quaker Hill Fi	550	220	326		800	400.4	235		2531.40	$ 6,934.01
250	Quaker Hil Fir	55.3	20.1	76.2		148.5	94.3	54.2		448.60	$ 1,228.81
1000	Goshen Fire	400		400	450		750	225		2225.00	$ 6,094.72
1500	Oswegatchie I	1275	43.3	1000	435	500	1075	620		4948.30	$13,554.38
2000	Library	1400	266	971.1	704.7	1300	758.8	955.6	104.5	6460.70	$17,697.15
200	Jordan Park H	2.8		20.1		88.9	69.3			181.10	$ 496.07
1000	Cohanzie Fire	270	58.4	320.7	265	650	598.1	234.5		2396.70	$ 6,565.04
										22233.00	$60,900.63



FY21 $ 5,848 *Not used in average
FY22 $115,505
FY23 $130,748
FY24 $139,598
FY25 $ 67,459

4 year average **$113,328**

FY27 Request **$65,000**

10111-52091 – Natural Gas

We separated natural gas from heating oil for a clearer picture. Currently there is natural gas at the Community Center, Police Dept., Public Safety, Municipal Complex and Town Hall. There is no history on a natural gas line item, because it was separated last year.

GAS	Natural Gas	ACCOUNT #	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	TOTAL
15	Rope Ferry Road	57952938033	$ 152.29	$ 202.81	$ 234.84	$ 449.67	$ 869.59	$ 1,296.73	$ 1,554.85	$ 1,284.20	$ 703.91	$ 600.22	$ 344.91	$ 213.33	$ 7,907.3
1000	Hartford Tumpike	57741019087	$ 929.84	$1,012.74	$ 1,131.76	$1,810.24	$ 2,378.37	$ 3,590.40	$ 3,775.41	$ 3,763.26	$ 2,828.94	$2,120.33	$1,330.93	$1,172.79	$ 25,845.0
24	Rope Ferry Road	57901760033	$1,291.51	$1,325.20	$ 1,323.23	$1,825.68	$ 2,279.88	$ 2,948.50	$ 3,559.15	$ 3,231.91	$ 1,872.75	$1,442.91	$ 781.14	$ 472.26	$ 22,354.1
24	Rope Ferry Road	57010700052	$ 177.05	$ 185.79	$ 164.48	$ 167.32	$ 177.67	$ 179.53	$ 190.88	$ 188.41	$ 175.41	$ 175.98	$ 186.56	$ 187.19	$ 2,156.2
41	Avery Lane	57064599087	$ 475.35	$ 475.35	$ 475.35	$ 823.79	$ 1,296.37	$ 2,068.91	$ 2,615.09	$ 2,325.83	$ 1,877.11	$1,593.22	$1,267.20	$ 767.09	$ 16,060.6
204	Boston Post Road	57752199067	$ 164.87	$ 156.92	$ 196.68	$ 241.56	$ 294.92	$ 513.66	$ 614.14	$ 537.44	$ 439.94	$ 335.08	$ 152.20	$ 133.01	$ 3,780.4
			$3,190.91	$3,358.81	$ 3,526.34	$5,318.26	$ 7,296.80	$10,597.73	$12,309.52	$11,331.05	$ 7,898.06	$6,267.74	$4,062.94	$2,945.67	$ 78,103.6

FY25 $81,112

FY27 Request **$85,000**

10111-52100 Electricity

The Town purchases electricity (supply, not delivery) through the Connecticut Conference of Municipalities (CCM) Purchasing Program. This program is designed to assist Towns in selecting the best available rates and contract terms. The kilowatt hour rate includes the CCM program participation fee. Electricity charges also include a delivery rate which is set by Eversource, which have increased by more than 20%.

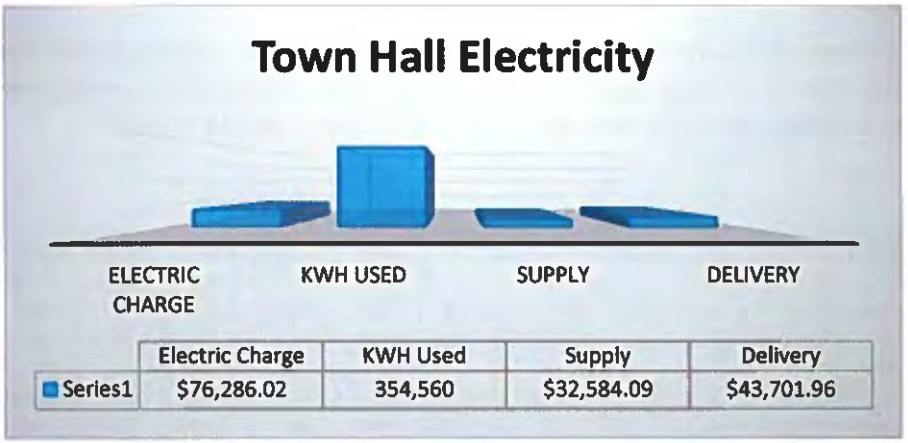
The Purchasing Agent gave the following information from (CCM) Tradition Energy:

Supply Rates

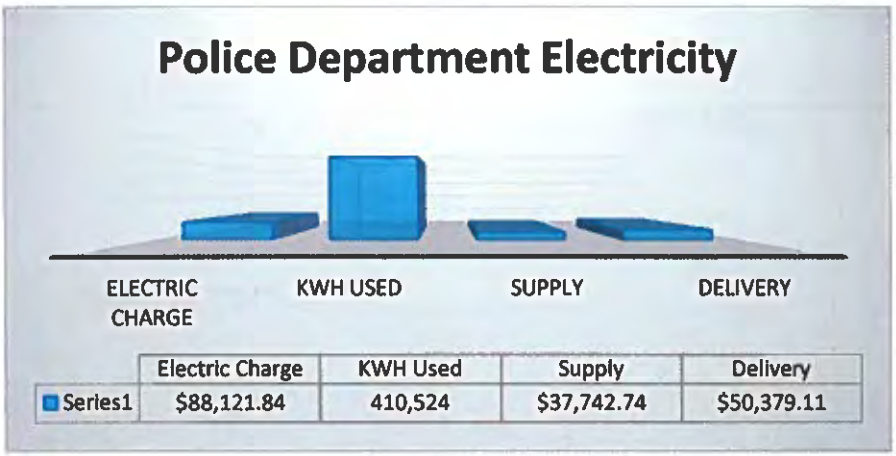
December 2025 – December 2027 $.1049/kWh

Generation Rate $.1027/kWh

The following information applies to FY25

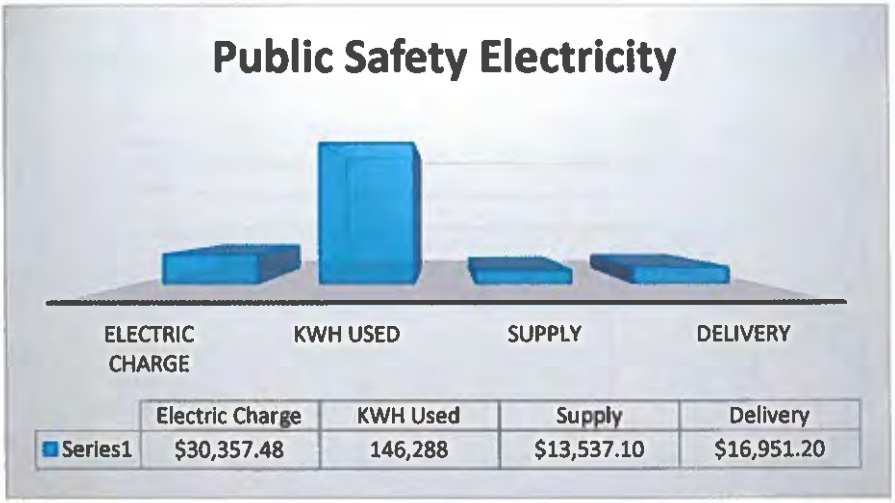


	Electric Charge	KWH Used	Supply	Delivery
Series1	$76,286.02	354,560	$32,584.09	$43,701.96

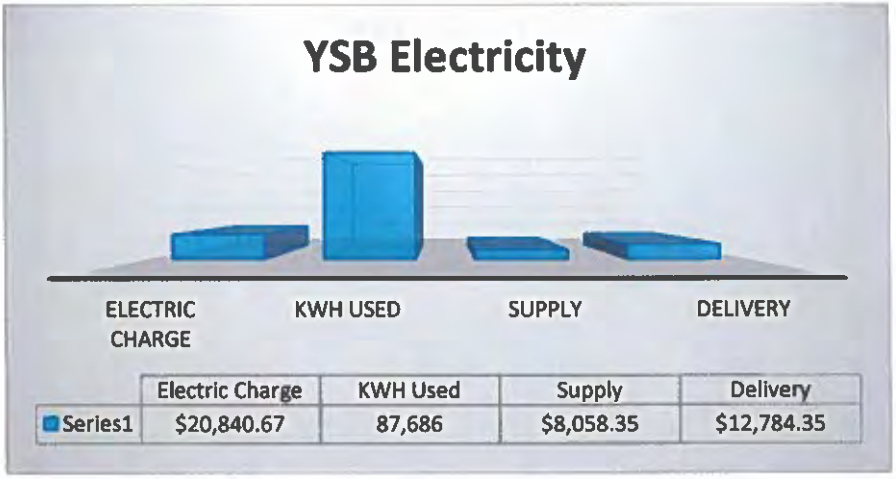


	Electric Charge	KWH Used	Supply	Delivery
Series1	$88,121.84	410,524	$37,742.74	$50,379.11

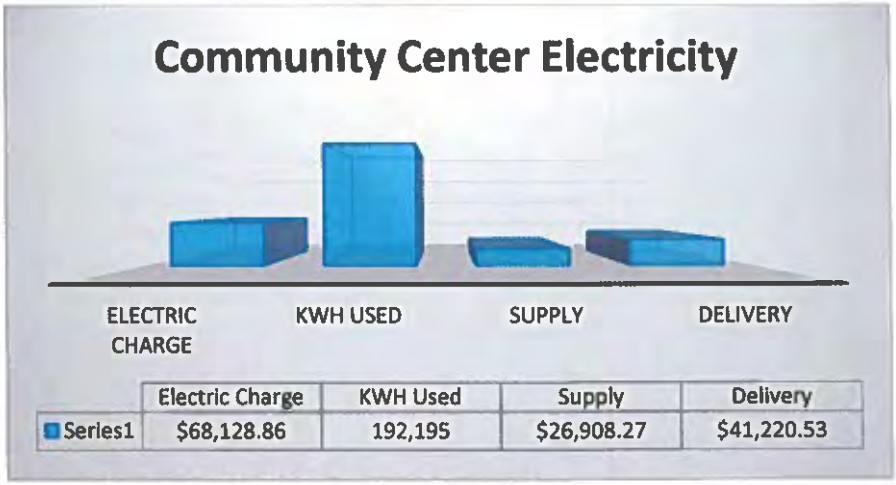
TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance



	Electric Charge	KWH Used	Supply	Delivery
Series1	$30,357.48	146,288	$13,537.10	$16,951.20



	Electric Charge	KWH Used	Supply	Delivery
Series1	$20,840.67	87,686	$8,058.35	$12,784.35

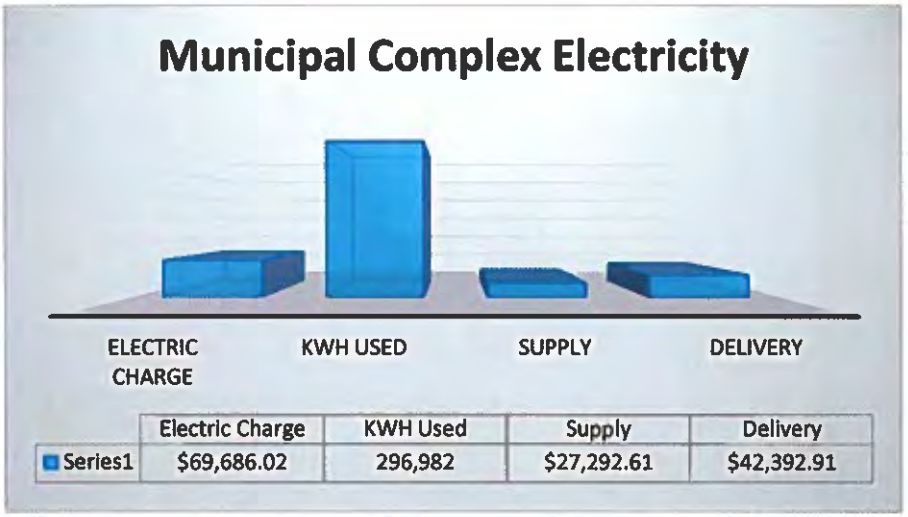


	Electric Charge	KWH Used	Supply	Delivery
Series1	$68,128.86	192,195	$26,908.27	$41,220.53

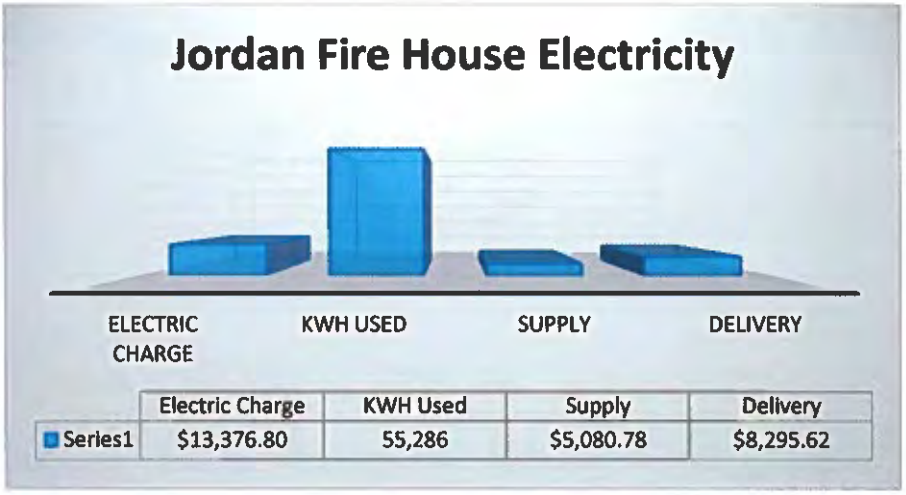
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	Electric Charge	KWH Used	Supply	Delivery
Series1	$28,745.65	130,640	$12,004.43	$18,147.96

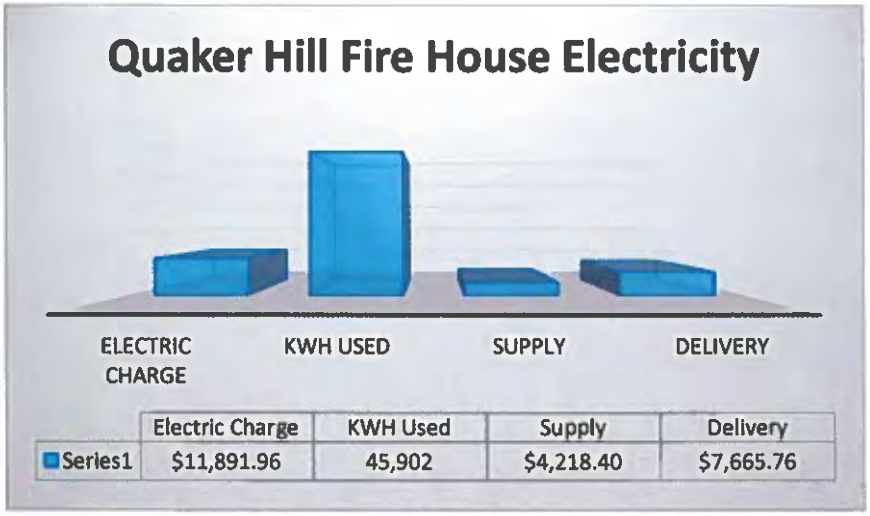


	Electric Charge	KWH Used	Supply	Delivery
Series1	$69,686.02	296,982	$27,292.61	$42,392.91

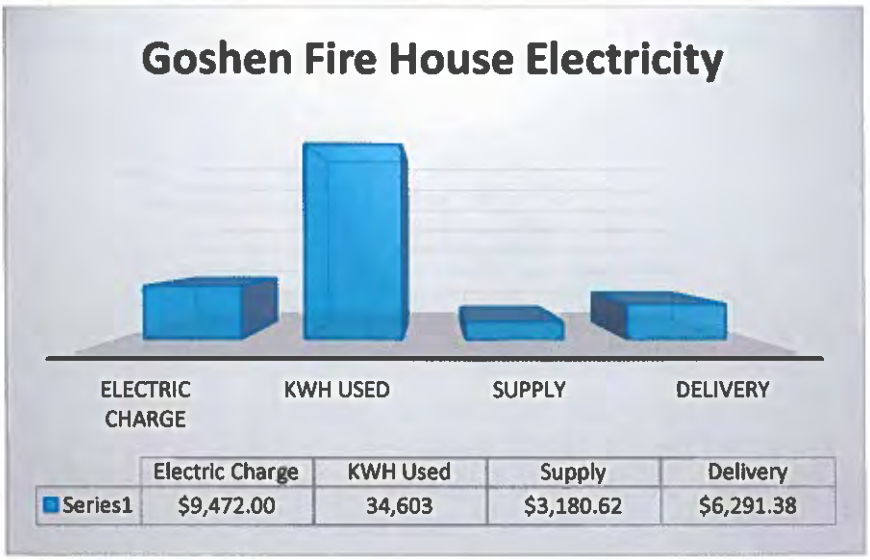


	Electric Charge	KWH Used	Supply	Delivery
Series1	$13,376.80	55,286	$5,080.78	$8,295.62

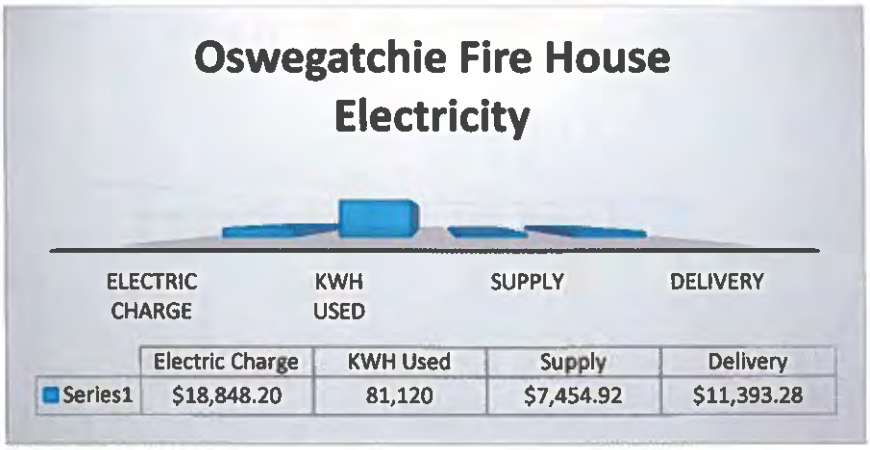
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DEPARTMENT: Building Maintenance



	Electric Charge	KWH Used	Supply	Delivery
Series1	$11,891.96	45,902	$4,218.40	$7,665.76

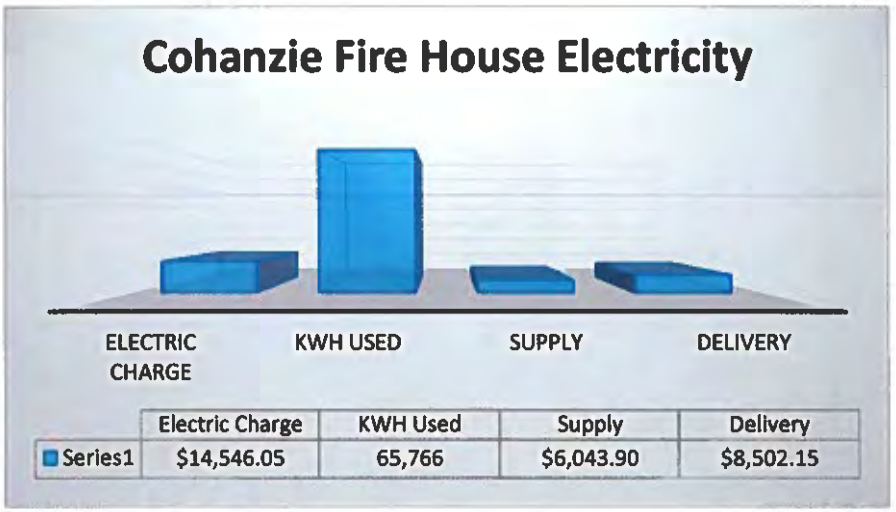


	Electric Charge	KWH Used	Supply	Delivery
Series1	$9,472.00	34,603	$3,180.62	$6,291.38



	Electric Charge	KWH Used	Supply	Delivery
Series1	$18,848.20	81,120	$7,454.92	$11,393.28

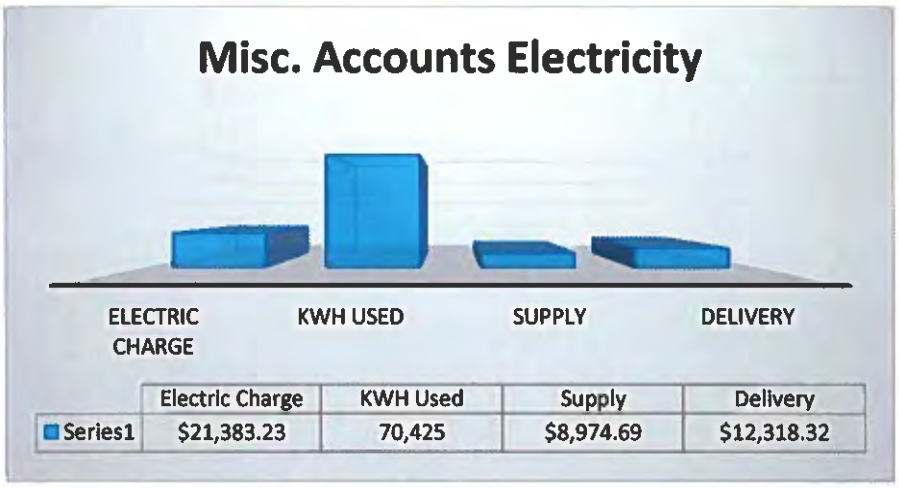
TOWN OF WATERFORD
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	Electric Charge	KWH Used	Supply	Delivery
Series1	$14,546.05	65,766	$6,043.90	$8,502.15

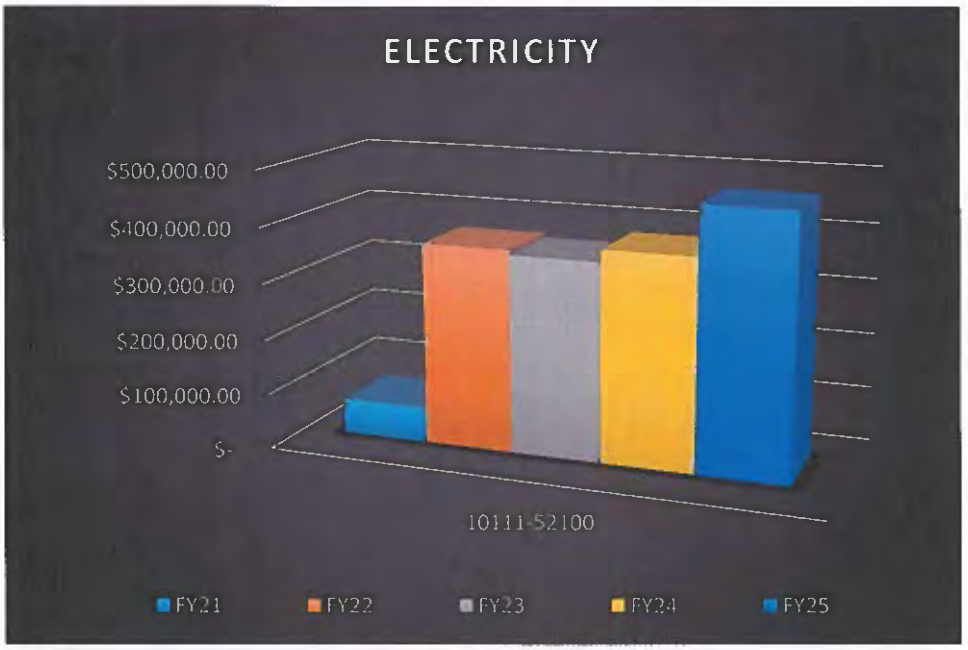


	Electric Charge	KWH Used	Supply	Delivery
Series1	$4,717.67	19,349	$1,957.79	$2,759.78



	Electric Charge	KWH Used	Supply	Delivery
Series1	$21,383.23	70,425	$8,974.69	$12,318.32

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DEPARTMENT: Building Maintenance

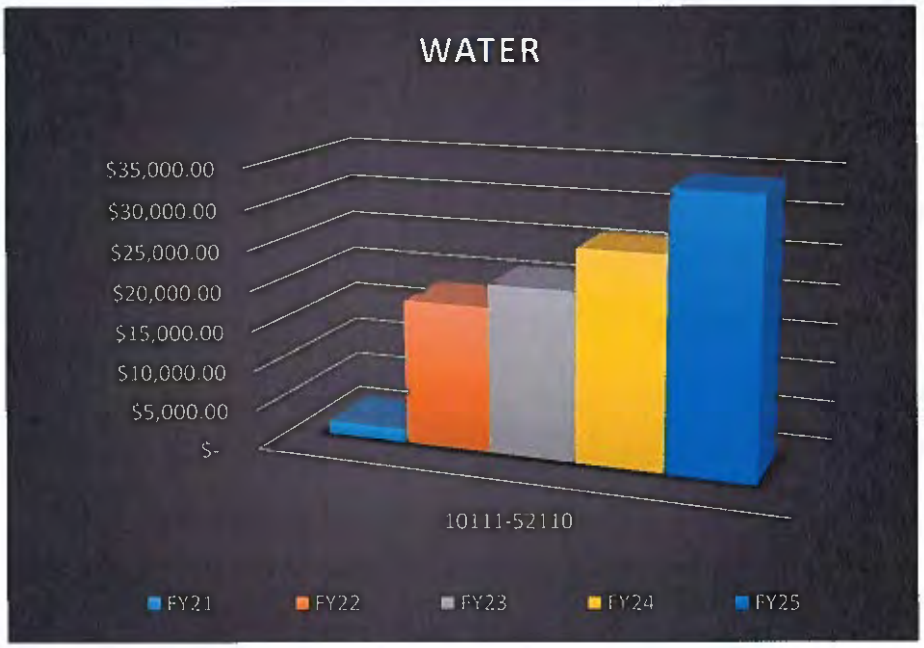


FY21	$ 64,968	*Not used in average
FY22	$366,452	
FY23	$358,595	
FY24	$379,682	
FY25	$466,769	
4 year average	**$ 392,875**	

FY27 Request **$ 450,000**

10111-52110 Water

This line item pays for water to Town Buildings and structures, as well as the irrigation system at Cohanzie's Dedrick field. A rate increase of 14% has been factored in.



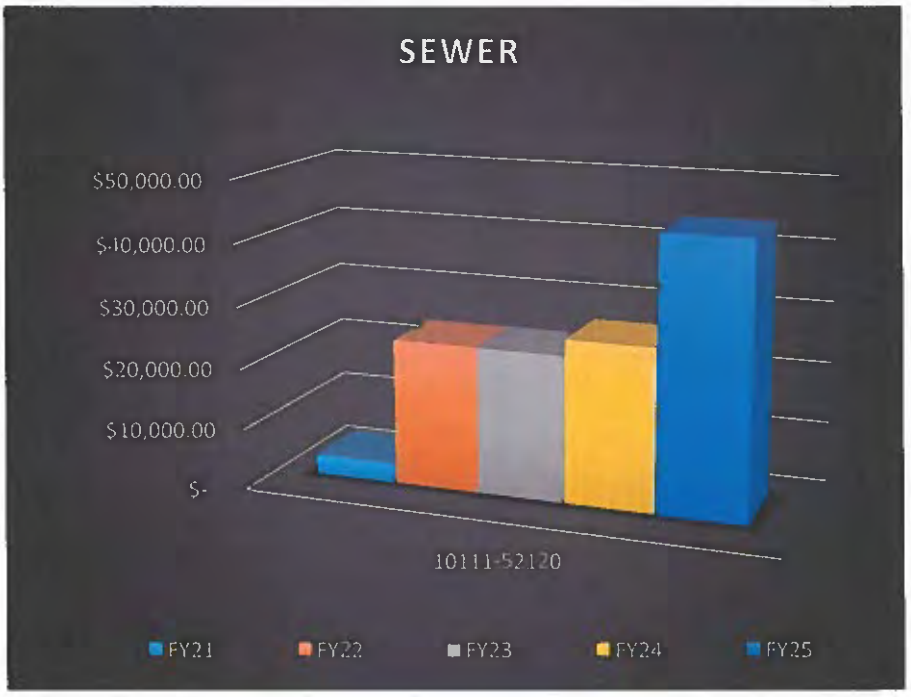
FY21	$ 1,706	*Not used in average
FY22	$18,424	
FY23	$21,332	
FY24	$26,556	
FY25	$34,152	

4 year average **$25,116**

FY27 Request **$39,900**

10111-52120 Sewer

50% of the sewer user fee is based on water consumption and 50% is a fixed cost related to the water meter size. This pays for the sewer usage for Town Buildings and structures.



FY21	$ 3,369	*Not used in average
FY22	$24,023	
FY23	$24,084	
FY24	$26,617	
FY25	$44,191	

4 year average **$ 29,729**

FY27 Request **$45,000**

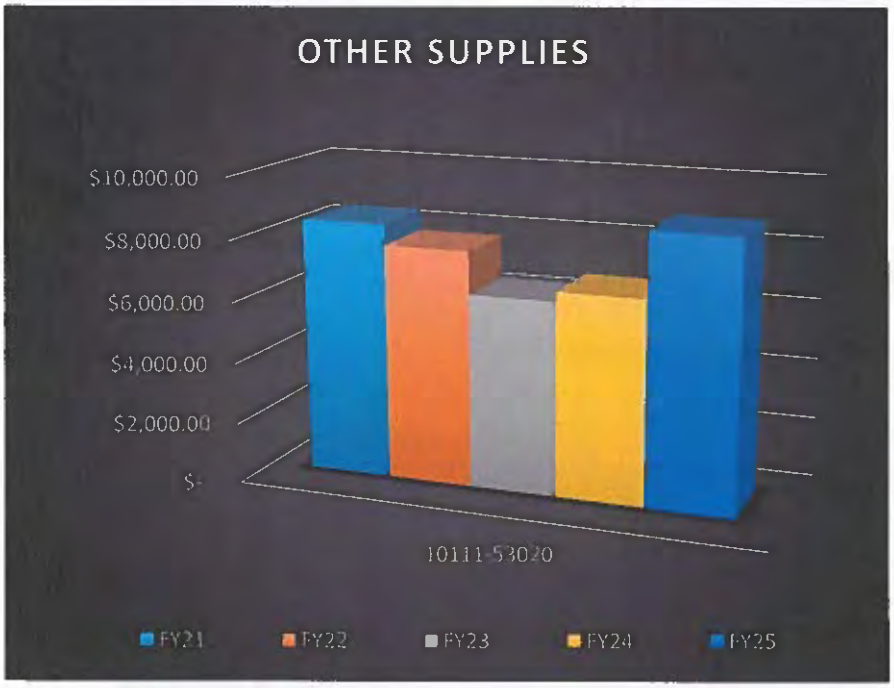
5300 SERIES

10111-53020 – Other Supplies

This line item is now specifically for paper products needed for the Town Hall, Youth Service Building and the Municipal Complex. All other locations are budgeted through the respective departments.

OFFICE INVENTORY FY25						
Item #	Description	Each	Order	Total	Cost	Value
25703	Towel Roll 1150 ft Scott	6	19	114	$105.91	$2,012.29
2001KC	Towel Scott Essential	6	10	60	$78.27	$782.70
VBKT250	VB Kitchen Towel	12	11	132	$39.63	$435.93
VBRT800K	VB Roll Towel Nat	6	4	24	$33.45	$133.80
26610	Towel 400FT White	6	1	6	$41.56	$41.56
46253	Towel Essential Mechanical	1	4	4	$1.70	$6.80
19375	Toilet Tissue Compact Coreless	36	19	684	$90.90	$1,727.10
19378	Tissue compact coreless roll	18	8	144	$70.75	$566.00
21340	Facial Tissue	30	2	60	$49.37	$98.74
VBJT2100	VB Tissue (3.3X1000FT)	12	1	12	$43.49	$43.49
56744B	Compact Roll Bath Tissue Disp Blk	1	6	6	$25.51	$153.06
1911-02	Handwash Foam	2	27	54	$71.82	$1,939.14
1919-04	GOJO Touch Free Soap Foam	1	8	8	$42.85	$342.80
R2433N8	Liner Can Natural 24X33	20	2	40	$42.04	$84.08
R4048N16	Liner Can Natural 40X48	10	4	40	$45.25	$181.00
R3340N16	Liner Can Natural 33X40	16	8	128	$32.66	$261.28
VBLH385815B	Liner Can Black 38X58 60 GAL	10	10	100	$48.16	$481.60
149336P95	Eclipse Urinal Screen Citrus	12	1	12	$26.20	$26.20
			145	1628	$889.52	$9,317.57

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Building Maintenance



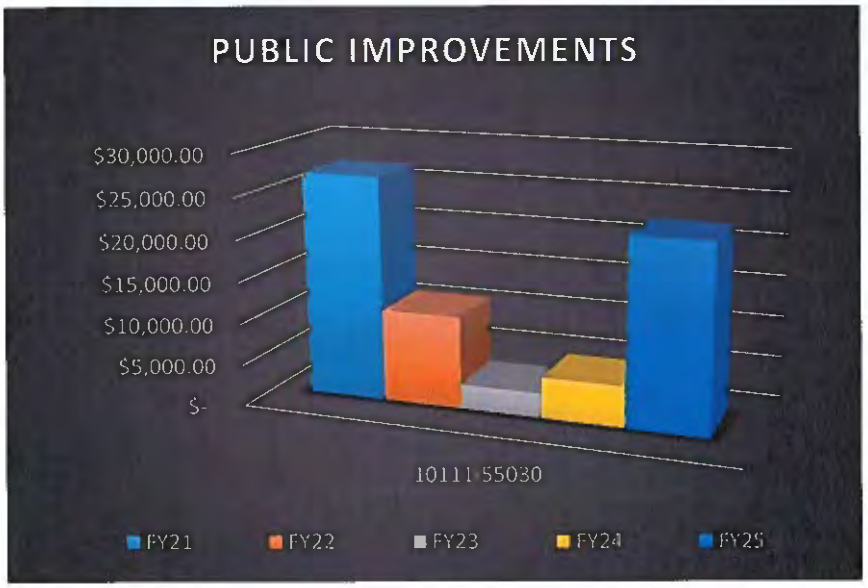
FY21	$8,432
FY22	$7,753
FY23	$6,393
FY24	$6,704
FY25	$8,812
5 year average	**$7,619**

FY27 Request **$9,500**

5500 SERIES

10111-55030 –Public Improvements

This line is used to pay for small projects to Town buildings. These funds cover materials for both materials and work performed by either BOE labor or outside contractors hired to complete the task. This year, projects will support the IT Department work in various data rooms.



FY21	$27,012
FY22	$11,175
FY23	$ 3,041
FY24	$ 4,982
FY25	$22,321
5 year average	**$13,706**

FY27 Request **$ 25,000**

TOWN OF WATERFORD
GENERAL FUND
2026-2027 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	FY2025 TRANSFERS IN/OUT	2025-2026 RTM APPROP.	2025-2026 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/26	2026-2027 DEPT/ AGENCY REQUEST	2026-2027 BD OF SELECTMEN APPROVED	BOS Approved $ Increase	BOS Approved % Increase
PERSONNEL COSTS										
51110	ADMINISTRATION	359,910		369,263		182,964	378,495	378,495	9,232	2.50%
51130	ENGINEERING	0	-5,558	5,558		0	5,558	5,558	-	0.00%
51210	CLERICAL/TECHNICAL	165,494	22,066	167,197		87,557	170,868	170,868	3,671	2.20%
51510	EQUIPMENT MAINTENANCE	335,826	-50,566	400,652		129,435	401,853	401,853	1,201	0.30%
51520	HIGHWAY MAINTENANCE	855,699	-41,500	958,297		457,269	907,812	907,812	(50,485)	-5.27%
51530	REFUSE COLLECTION & MAINT.	423,770	-27,772	494,002		228,915	467,975	467,975	(26,027)	-5.27%
51540	SNOW REMOVAL	83,772	27,772	56,000		32,197	60,000	60,000	4,000	7.14%
51810	OVERTIME	76,420	21,421	55,000		34,387	65,000	65,000	10,000	18.18%
51910	FRINGE BENEFITS	13,242	-1,421	16,375		7,810	16,375	16,375	-	0.00%
51920	FICA	164,763		192,931		84,441	189,227	189,227	(3,704)	-1.92%
	SUBTOTAL	**2,478,896**	**(55,558)**	**2,715,275**	**0**	**1,244,975**	**2,663,163**	**2,663,163**	**(52,112)**	**-1.92%**
SERVICES										
52020	POSTAGE	591		1,282		598	1,200	1,200	(82)	-6.40%
52030	PROFESSIONAL FEES	143,590	39,189	156,500		89,035	201,750	201,750	45,250	28.91%
52040	SERVICE CONT & REPAIRS	89,113	27,073	70,000		21,978	94,000	94,000	24,000	34.29%
52050	DUES, CONF. & EDUCATION	4,395	400	12,000		1,715	14,415	14,415	2,415	20.13%
52060	PRINTING	20		50		11	50	50	-	0.00%
52070	REIMBURSABLE EXPENSE	50		50		50	50	50	-	0.00%
52400	MEAL ALLOWANCE	1,736	-100	2,000		100	2,000	2,000	-	0.00%
52410	STREET TREE MAINTENANCE	3,432	2,112	10,000	9,000	10,133	10,000	10,000	-	0.00%
52450	SITE WORK	773		5,000		0	5,000	5,000	-	0.00%
52460	STREET LIGHTING	92,303	7,305	84,000		56,011	84,000	84,000	-	0.00%
52470	SOLID WASTE DISPOSAL	888,311	-27,673	1,004,950	(9,000)	434,349	1,064,243	1,064,243	59,293	5.90%
52475	RECYCLING PROGRAM	63		500		267	50	50	(450)	-90.00%
52510	RENTAL OF EQUIPMENT	23,598	6,198	30,000		0	30,000	30,000	-	0.00%
52531	LANDFILL CAP MAINTENANCE	27,851	2,852	26,500		10,154	30,630	30,630	4,130	15.58%
	SUBTOTAL	**1,275,826**	**57,356**	**1,402,832**	**0**	**624,401**	**1,537,388**	**1,537,388**	**134,556**	**9.59%**

TOWN OF WATERFORD
GENERAL FUND
2026-2027 PROPOSED BUDGET

DEPT/AGENCY: 10130 PUBLIC WORKS

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	FY2025 TRANSFERS IN/OUT	2025-2026 RTM APPROP.	2025-2026 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/26	2026-2027 DEPT/ AGENCY REQUEST	2026-2027 BD OF SELECTMEN APPROVED	BOS Approved $ Increase	BOS Approved % Increase
MATERIALS & SUPPLIES										
53010	OFFICE SUPPLIES	348		375		335	2,000	2,000	1,625	433.33%
53030	OPERATIONAL SUPPLIES	19,067	5,000	18,500		8,233	20,000	20,000	1,500	8.11%
53050	ENGINEER EQUIP & SUPPLIES	0		300		0	300	300	-	0.00%
53070	AUTOMOTIVE REPAIRS	243,718	40,000	240,000		107,944	265,000	265,000	25,000	10.42%
53090	FUELS & LUBRICANTS	212,270	-88,823	227,000		65,894	226,016	226,016	(984)	-0.43%
53100	TIRES	36,116		45,000		17,872	49,000	49,000	4,000	8.89%
53250	TRAFFIC CONTROL MATERIALS	24,790		25,000		13,556	25,000	25,000	-	0.00%
53300	HIGHWAY MATERIALS	111,277	-25,734	135,000		115,849	48,000	48,000	(87,000)	-64.44%
	SUBTOTAL	**647,586**	**(69,557)**	**691,175**	**0**	**329,683**	**635,316**	**635,316**	**(55,859)**	**-8.08%**
EQUIPMENT										
54050	AUTOMOTIVE EQUIPMENT	10,587		24,000		14,684	45,471	45,471	21,471	89.46%
54060	OFFICE FURNITURE	0		500		105	0	0	(500)	-100.00%
	SUBTOTAL	**10,587**	**0**	**24,500**	**0**	**14,789**	**45,471**	**45,471**	**20,971**	**85.60%**
IMPROVEMENTS										
55010	TOWN AID ROADS-IMPROVED	292,979		321,120		106,636	430,880	430,880	109,760	34.18%
	SUBTOTAL	**292,979**	**0**	**321,120**	**0**	**106,636**	**430,880**	**430,880**	**109,760**	**34.18%**
DEPARTMENT TOTAL		**4,705,874**	**(67,759)**	**5,154,902**	**0**	**2,320,484**	**5,312,218**	**5,312,218**	**157,316**	**3.05%**

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works



















TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

Budget Index

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5200 Series	page 9
5300 Series	page 28
5400 Series	page 36
5500 Series	page 38

Staffed with trained dedicated staff, the Department is comprised of four Divisions:

Administration

Briefly, the division manages and accounts for our assets, manages personnel, prepares the Captial Improvement Plan, plans for emergency management and diaster mitigation and incorporates sustainable practices into public works practices. It also manages the 3 municipal refueling sites.

Highway Operations (...it is not just the asphalt...)

It is important for the residents to have well-maintained roads to ensure that traffic flows as smoothly and safely as possible. This includes curbing, sidewalks, tree care, drainage and mowing. In order to accomplish this, the Department mixes in-house with contracted work to provide a cost effective delivery of services. This division works with the Police Department's Traffic Officer in the installation of new signage.

Solid Waste

This division is charged with the collection and disposal of solid waste and recyclables and the operation of the Transfer Station and the closed landfill off Miner Lane. Our curbside collection programs collects waste and recyclables from approximately 8,000 residential units, 12 dumpster sites and 9 municipal buildings. The Transfer Station experiences over 3,500 trips over the scale each year and is open 4 days a week from April through December and 3 days for January through March.

Equipment Maintenance

This division's skilled mechanics maintains nearly 121 vehicles and 73 pieces of equipment serving every Town Department except the Board of Education and main pieces of fire apparatus. Major repair operations such as engine replacement, hydraulics and transmission are performed in-house using the 6 equipment bays. A mix of vendors are also tapped to assist in specialized rebuilds and tire mounting.

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

Director's Opening Statement:

Public Works is about community. Every week, the Department touches over 8,000 residents and businesses through our solid waste collection and recycling programs, stormwater management, resurfacing roads and sidewalks, snow removal and storm response. Public Works also plays a vital role by building for the future, not just for today.

Our focus remains on;

- Striving for a high level of customer service
- Excellent information management
- Compliance with enviromental operating permits
- Maintaining our ability to respond to emergency management incidents while performing our regular duties
- Having a shared vision with the community

Work on this budget started in July and involved hours of staff time at all levels assembling information and seeking pricing for the upcoming year. The basic philosophy in preparing the budget was:

- Adequately fund the infrastructure
- Propose new equipment vs additional personnel
- Work smarter, not harder
- Do not take on new services or projects without a discussion on the impact, and cost.
- Take care of what we already have

The budget is what is required to maintain the infrastructure. The Department is obliged to pay bills for water, waste disposal, environmental permitting and repairs. The roads must get plowed, diseased trees removed and our drainage systems kept clear. This is a level service budget.

General Overview

- Solid Waste remains a significant portion of the budget. Disposal costs continue to increase each year, whether it is garbage (MSW) or bulky waste. While the disposal costs for MSW are still below "market", increased tipping fees are being projected by the regional authority, SCRRRA through the end of our contract year in 2031. SCRRRA is working on ways to decrease our reliance on burning the MSW. It is proceeding with the construction of an organic composting facility. The Authority is anticipating that the project can be placed out for private firms to bid on within the current fiscal year and completed 18 months later.
- Locally, for the last 5 years, the garbage disposal (MSW) has been flat, between 12,131 to 12,610 tons per year. Recycling is also following that trend hovering around 2,000 tons on an average for the last 5 years. This will change. With the increase in housing and economic development comes the increase in tonnage of waste.

- The service fee charged by the Authority, the tipping fee for municipal solid waste (garbage) will increase by $8.04/ton from $75.06 to $83.10. The fee to handle the recyclables will continue to be absorbed by the Authority.

- On the personnel side, recruitment remains a challenge throughout all of our skill levels. The Department has experienced on an average of two positons that were unfilled.

- We increased our skills training by offering courses taught by UCONN's T2 program. Courses taken will account towards a certification of a Road Master or higher. This is in addition to the mandatory courses, which are either OSHA or Risk Management required.

- The Department's various divisions need to evolve with new equipment and methods replacing what we currently do and have. There are several tasks in the maintenance of our roads that need to be addressed differently. The Department practices have not changed over the last decade. Our equipment uses brute force, materials do not perform as well as they should and methods that the homeowner uses around their property remain. The equipment needs are identified in the Departments Separate Vehicle/Equipment Request.

New Equipment

- None proposed

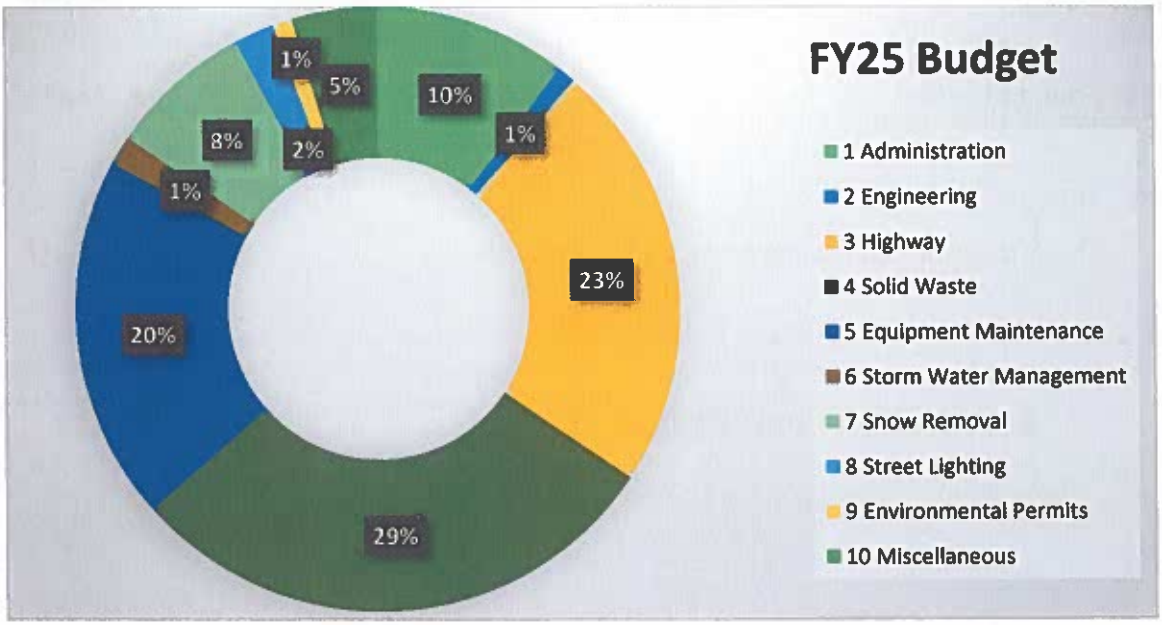
Engineering Services

- Proposed is a new pavement management program, which will be the bases for asset management of our right of way. For the pavement portion, it will transition our current program slowly from a "worse first" to a rounded approach. Not every road needs a full course of asphalt to extend its service life. Proposed is an inspection of the condition of our asphalt assets, the 120 center miles of road and 33 miles of sidewalks. Our roads were last inspected in 2020. There are no formal inspections of the sidewalks. The inspections will be conducted with a vehicle mounted LiDAR scanner which geo-locates roadway images every 20-30 feet. AI models use that raw data to create the Pavement Condition Index compliant to ASTM D6433 standards. With this, we can optimize funds by using one of 5 pavement repair categories resulting in keeping or increasing the pavement condition index of the entire road network at the least cost. This same process can be used to address our sidewalks.
  The other assets of our right of way such as signs, guardrails, pavement markings and streetlights can be added later.

Challenges

- Facilities department has placed an additional burden on the resources in the Public Works Department. Back office operations such as work orders, invoices, contracts and projects were transferred to Public Works without additional office support. As we build out the Building Maintenance budget
- Environmental permitting with its' 14 permits in five major areas require reporting and inspections.
- Issues that cannot be resolved with simple actions are becoming the norm. The easy have been completed. Civil engineering services are often needed to solve these concerns generated by our citizens.
- Our crews are not trained to work around the power lines. Those trees will remain to be contracted out, with public works crews providing the ground support and wood removal.
- Street lighting – Now that we are out of the warranty period, repairs now must be budgeted. This includes the cost of Eversource to disconnect/connect the fixture to their power lines.
- Recruitment remains a challenge throughout all of our skill levels. The Department has experience on an average two positions that were unfilled.

In closing, we can add another good year to our record. One that continues with positive results in the maintenance of our roads and our handling of waste. I know next year will challenge us again, but the entire staff is ready to meet those challenges head on.



5100 Personnel Costs

The personnel costs are based on actual costs, from current contracts, see attached Personnel Worksheet, pages 5-6

51110	**Administration**	**$ 378,495**
51130	**Engineering**	**$ 5,558**
51210	**Clerical/Technical**	**$ 170,868**
51510	**Equipment Maintenance**	**$ 401,853**
51520	**Highway Maintenance**	**$ 907,812**
51530	**Refuse Collection & Maintenance**	**$ 467,975**
51540	**Snow Removal(Overtime)**	**$ 60,000**
51810	**Overtime**	**$ 65,000**
51910	**Fringe Benefits**	**$ 16,375**
51920	**FICA**	
	This is calculated on the attached Personnel Worksheet	**$ 189,227**

DEPARTMENT PERSONNEL TOTAL **$ 2,663,163**

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

TOWN OF WATERFORD
PERSONNEL WORKSHEET - 30 PUBLIC WORKS
2026/2027 FISCAL YEAR

DATE OF HIRE	EMPLOYEE	HOURS WORKED/ WEEK	HOURLY RATE FY27	SALARY FY26	LONGEVITY FY26	SALARY FY27	LONGEVITY FY27	TOTAL EMPLOYEE SALARY	LINE 51920 PAYROLL TAXES (F.IC.A)
51110 - ADMINISTRATION									
11/04/2019	Director	40	N/A	129,118.27	N/A	132,346.22	N/A	132,346.22	10,124.49
04/22/2013	Assistant Director	40	N/A	121,945.87	$ 1,219.46	124,994.51	$ 1,249.95	126,244.46	9,657.70
08/01/1983	General Foreman	40	N/A	114,406.10	$ 2,574.14	117,266.26	$ 2,638.49	119,904.75	9,172.71
	TOTALS			365,470.24	3,793.60	374,606.99	3,888.44	378,495.43	28,954.90
		*add longevity		369,263.83					
51130 - ENGINEERING									
	AS NEEDED		N/A	5,558.00	N/A	5,558.00	N/A	5,558.00	425.19
	TOTALS			5,558.00	0.00	5,558.00	0.00	5,558.00	425.19
51210 - CLERICAL/TECHNICAL									
08/27/2001	Office Coordinator II	35	$ 39.6093	72,366.14	$ 500.00	72,366.14	$ 600.00	72,966.14	5,581.91
07/31/2023	Clerk Typist III	35	$ 24.3582	42,577.50	N/A	44,502.41	N/A	44,502.41	3,404.43
06/11/2018	Clerk Typist III	35	$ 29.2277	51,753.25	$ -	53,398.99	$ -	53,398.99	4,085.02
	TOTALS			166,696.89	500.00	170,267.54	600.00	170,867.54	13,071.37
		*add longevity		167,196.89					
51510 - EQUIPMENT MAINTENANCE									
09/12/2011	Floor Leader - Mechanics	40	$ 48.4861	101,238.98	$ 250.00	101,238.98	$ 350.00	101,588.98	7,771.56
10/24/2011	Mechanic	40	$ 41.8841	87,454.00	$ 250.00	87,454.00	$ 350.00	87,804.00	6,717.01
06/26/2023	Mechanic	40	$ 36.1181	71,962.50	$ -	75,414.59	$ -	75,414.59	5,769.22
VACANT	Mechanic	40	$ 32.8173	68,522.52	N/A	68,522.52	N/A	68,522.52	5,241.97
VACANT	Mechanic	40	$ 32.8173	68,522.52	N/A	68,522.52	N/A	68,522.52	5,241.97
	TOTALS			397,700.53	500.00	401,152.62	700.00	401,852.62	30,741.73
		*add longevity		398,200.53					
51520 - HIGHWAY MAINTENANCE									
10/07/2024	MAIN 2-Maintainer II	40	$ 25.7132	51,730.12	N/A	53,689.16	N/A	53,689.16	4,107.22
07/14/2025	MAIN 2-Maintainer II	40	$ 25.0564	51,132.61	N/A	52,317.83	N/A	52,317.83	4,002.31
08/01/2023	MAIN 2-Maintainer II	40	$ 26.8757	53,689.16	N/A	56,116.56	N/A	56,116.56	4,292.92
12/15/2025	MAIN 2-Maintainer II	40	$ 24.5404	51,132.61	N/A	51,240.36	N/A	51,240.36	3,919.89
VACANT	MAIN 2-Maintainer II	40	$ -	51,132.61	N/A		N/A	0.00	0.00
02/01/2016	MAIN 3-Maintainer III	40	$ 32.8173	65,459.63	$ 250.00	68,522.52	$ 250.00	68,772.52	5,261.10
10/31/2022	MAIN 3-Maintainer III	40	$ 29.3318	59,192.29	$ -	61,244.83	$ -	61,244.83	4,685.23
08/17/2020	MAIN 3-Maintainer III	40	$ 30.1427	62,152.03	$ -	62,937.86	$ -	62,937.86	4,814.75
11/13/2006	MAIN 3-Maintainer III	40	$ 34.4582	71,948.72	$ 350.00	71,948.72	$ 500.00	72,448.72	5,542.33
04/10/2023	MAIN 3-Maintainer III	40	$ 27.2885	56,373.70	N/A	56,978.46	N/A	56,978.46	4,358.85
02/03/2014	MAIN 3-Maintainer III	40	$ 34.4582	71,948.72	$ 250.00	71,948.72	$ 250.00	72,198.72	5,523.20
06/11/2007	MAIN 3-Maintainer III	40	$ 34.4582	71,948.72	$ 350.00	71,948.72	$ 500.00	72,448.72	5,542.33
07/01/1998	MAIN 4-Maintainer IV	40	$ 37.9901	79,323.33	$ 600.00	79,323.33	$ 600.00	79,923.33	6,114.13
03/20/2006	MAIN 4-Maintainer IV	40	$ 37.9901	79,323.33	$ 350.00	79,323.33	$ 500.00	79,823.33	6,106.48
03/20/2006	MAIN 4-Maintainer IV	40	$ 37.9901	79,323.33	$ 350.00	79,323.33	$ 500.00	79,823.33	6,106.48
01/30/2012	TOOL KPR-Toolkeeper	40	$ 34.4582	71,948.72	$ 250.00	71,948.72	$ 350.00	72,298.72	5,530.85
09/08/2020	TDC TECH-Traffic Device Control	40	$ 29.7663	64,188.03	$ -	62,152.03	$ -	62,152.03	4,754.63
VACANT	S MAINT-Seasonal Maintainer	LUMP 400	$ 17.0000	6,800.00	N/A	6,800.00	N/A	6,800.00	520.20
VACANT	S MAINT-Seasonal Maintainer	LUMP 400	$ 17.0000	6,800.00	N/A	6,800.00	N/A	6,800.00	520.20
	subT			1,105,547.69	2,750.00	1,064,564.50	3,450.00	1,068,014.50	81,703.11
		*add longevity		1,108,297.69					
15% of Maintainance line moved to Refuse to cover time off				166,244.65				160,202.17	12,255.47
	TOTAL			942,053.04				907,812.32	69,447.64

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

TOWN OF WATERFORD
PERSONNEL WORKSHEET - 30 PUBLIC WORKS
2026/2027 FISCAL YEAR

DATE OF HIRE	EMPLOYEE	HOURS WORKED/ WEEK	HOURLY RATE FY27	SALARY FY26	LONGEVITY FY26	SALARY FY27	LONGEVITY FY27	TOTAL EMPLOYEE SALARY	LINE 51920 PAYROLL TAXES (F.I.C.A)
51530 REFUSE COLLECTION & MAINT.									
02/24/2014	Recycle Route Operator	40	$ 34.4582	71,029.82	$ 250.00	71,948.72	$ 250.00	72,198.72	5,523.20
08/11/2025	Recycle Route Operator	40	$ 25.9825	54,566.43	N/A	54,251.49	N/A	54,251.49	4,150.24
04/04/2022	Refuse Truck Driver	40	$ 30.1427	61,414.93	N/A	62,937.86	N/A	62,937.86	4,814.75
08/12/2024	Refuse Truck Driver	40	$ 28.3488	56,978.46	N/A	59,192.29	N/A	59,192.29	4,528.21
08/14/2024	Refuse Truck Driver	40	$ 28.3488	56,978.46	N/A	59,192.29	N/A	59,192.29	4,528.21
	subT			300,968.10	250.00	307,522.66	250.00	307,772.66	23,544.61
		*add longevity		301,218.10					
15% of Maintainance line moved to Refuse to cover time off				166,244.65				160,202.17	12,255.47
	TOTAL			467,462.75				467,974.84	35,800.07
51540 - SNOW REMOVAL									
	Previous years actual/estimate		approved FY25	56,000.00	$ -	60,000.00	$ -	60,000.00	4,590.00
	TOTALS			56,000.00	0.00	60,000.00	0.00	60,000.00	4,590.00
51810 - OVERTIME				77,000.00	0.00	65,000.00	0.00	65,000.00	4,972.50
51910 - FRINGE/F.I.C.A.				16,375.00				16,375.00	1,224.00
TOTALS		FY26 FICA	$ 191,181.92	2,499,110.04	7,793.60	2,448,672.31	8,888.44	2,473,935.74	189,227.40
BUDGET TOTAL W/F.I.C.A				2,690,291.96				2,663,163.14	

WORKDAYS 2026/2027	WEEKS TO BUDGET
261	52.2

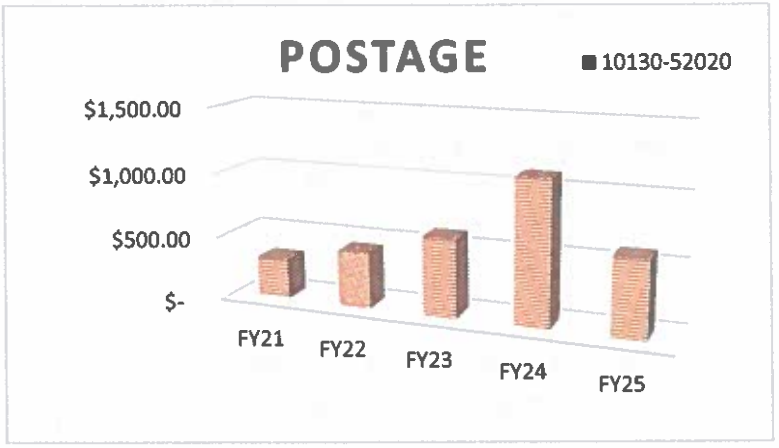
TOWN OF WATERFORD
FRINGE BENEFITS WORKSHEET - 30 PUBLIC WORKS
2026/2027 FISCAL YEAR

POSITION	CLOTHING ALLOWANCE	HRA FUNDING	LINE 51910 TOTAL FRINGE BENEFITS	LINE 51920 PAYROLL TAXES (F.I.C.A)	
Director	$ 125.0000	$ -	$ 125.00	$ -	
Assistant Director	$ 125.0000	$ -	$ 125.00	$ -	*no FICA - GGA clothing is
General Foreman	$ 125.0000	$ -	$ 125.00	$ -	requisitioned/reimbursed
17 employees - 51520	$ 5,100.00	$ -	$ 5,100.00	$ 390.15	
5 employees - 51530	$ 1,500.00	$ -	$ 1,500.00	$ 114.75	
27 - 1303 CONTRACT SAFETY SHOES	$ 5,400.00	$ -	$ 5,400.00	$ 413.10	
mechanic uniforms & cleaning - 51510	$ 4,000.00	$ -	$ 4,000.00	$ 306.00	
			$ -	$ -	
TOTALS - FRINGE BENEFITS			16,375.00	1,224.00	***ADDED TO FICA ON
					PERSONNEL WORKSHEET

5200 Services

52020 Postage:

The postage requirements of Public Works have typically been for daily correspondence, mailing of recycling schedules and confirmation of Bulky Waste appointments. We also mail notices of projects to all residents adjacent to a construction project. This allows for greater awareness of project schedules and potential impacts to residents. Stamps increased to .78 cents for First Class mail as of July 1, 2025. We are using the number of letters sent this fiscal year as last since we are continuing with a robust paving program for this fiscal year.



		Stamp Price
FY21	$ 314	(.55)
FY22	$ 431	(.58)
FY23	$ 606	(.60)
FY24	$1,107	(.63)
FY25	$ 591	(.73)
5 year average	$ 610	

FY27 Request **$ 1,200**

52030 Professional Fees:

This appropriation as requested is to provide professional support to the Public Works function.

Employment Physicals - New employees and seasonal employees are provided a physical prior to starting work with the Town. $1,500

Background checks for each new employee is completed. $500

Random drug and alcohol testing is performed on a quarterly basis for employees that hold a Commercial Driver's License (CDL). (Federal Requirement) $3,000 **$5,000**

OSHA required audiology yearly tests. Public Works has 28 tests. **$1,000**

AIA Documentation is used as the boiler plate for contracts. **$3,000**

Engineering/Architectural Fees and general on-call services - The Town has in place several on-call consultants. Proposed is to use these engineering service to apply for the next round of LOTCIP grants. Grant applications are technical and must contain all the information requested in order to be considered. **$25,000**

Catch Basin Cleaning: There are approximately 3200 catch basins, of which, 3,000 are under the MS4 mandate. The program contracts out the cleaning of approximately 1,100 catch basins each year. In FY26 the cost per basin was $32.50/each. **$35,750**

Pavement Management Services: Proposed is a new pavement management program, which will be the bases for asset management of our right of way. For the pavement portion, it will transition our current program slowly from a "worse first" to a rounded approach. Not every road needs a full course of asphalt to extend its service life. Proposed is an inspection of the condition of our asphalt assets, the 120 center miles of road and 33 miles of sidewalks. Our roads were last inspected in 2020. There are no formal inspections of the sidewalks. The inspections will be conducted with a vehicle mounted LiDAR scanner which geo-locates roadway images every 20-30 feet.

AI models use that raw data to create the Pavement Condition Index compliant to ASTM D6433 standards. With this, we can optimize funds by using one of 5 pavement repair categories resulting in keeping or increasing the pavement condition index of the entire road network at the least cost. This same process can be used to address our sidewalks. **$40,000**

MS4 Permit Compliance: – The Town falls under the general permit for Municipal Separate Storm Sewer Systems (MS4). The Town will continue with the services of a consultant, to assist in remaining compliant with the MS4 General Permit. Although Town staff will perform tasks whenever possible, many of the activities are technical or time sensitive.

Activities associated with mandated yearly requirements in general are:

- Water quality sampling at outfalls
- Yearly review of Waterford's stormwater management plan for compliance
- Ongoing inspections of stormwater structures
- Update mapping of the storm drainage system

MS4 Total **$65,000**

Environmental Compliance:

In addition to the MS4 permit, the Department is responsible for numerous environmental permits and regulatory obligations at our operations sites.

General Permits for the Discharge of Stormwater Associated with the Industrial Activity Permits, one at the Municipal Complex and another at the closed Miner Lane Landfill.

Spill Prevention Control & Countermeasure / Oil Spill Contingency Plan (SPCC)
Municipal Complex / Transfer Station
Storm Water Pollution Prevention Plan (SWPPP)
Bus Lot /Transfer Station

Environmental Total **$ 20,090**

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

Summary of Professional Fees:

Employment Physicals & Random Drug Testing	5,000
Hearing tests	1,000
AIA Documents	3,000
Engineering/Architectural Fees	25,000
Catch Basin Cleaning	35,750
Pavement Management Services	40,000
DEEP MS4 Compliance	65,000
Environmental Compliance	20,090
	$194,840



FY21	$ 89,784
FY22	$ 91,426
FY23	$112,370
FY24	$120,038
FY25	$143,590
5 year average	$111,442

FY27 Request **$201,750**

52040 Service Contracts and Repairs:

Service contracts are for specific services which are either specialized, infrequent and cannot be performed by staff. These contracts or services are listed below.

- Traffic Signal Service – The Town has the responsibility to maintain the signals at the intersections of Cross Road with Parkway North and South, as well as the signal at the Millstone Nuclear Power Station and Sea View Terrace. Periodically the signals malfunction and a service call has to be made to the repair company. **$5,000**

- The streetlights when they fail, or are knocked down. **$30,000**

- Office and Maintenance Equipment (leased and maintenance agreements) Public Works leases our photo copier, through a contract set up by the Purchasing Agent. The cost is approximately $1,950 a year, plus a charge for extra copies. **$2,000**

- The Vehicle Maintenance shop leases tanks for bottled industrial gases. **$2,000**

- Pollution Prevention, Annual Cleaning – There are Vortechnic Units that need to be cleaned out annually. **$20,000**

- Life Safety / Safety – Each truck has a fire extinguisher. Inspections, maintenance and repairs are required yearly. (NFPA 10) Mandated inspection of mobile and stationary lift equipment, harnesses, lifting slings, and shop cranes are required by OSHA. The overhead crane will require an inspection this year. **$12,500**

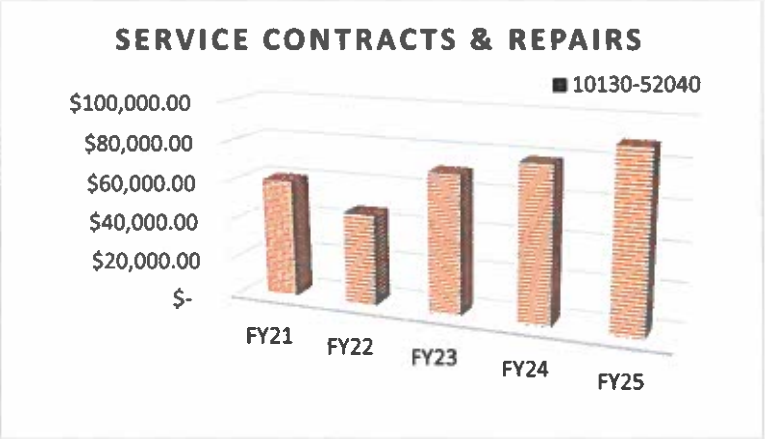
- Monthly Service – The department pays for phones for 4 staff members and the cable connection at the municipal complex. **$5,000**

- On-Call Service Fixed Equipment – Repairs are necessary for the fuel sites as they occur. This is also for equipment not permanently affixed to the building. (i.e. hot water heater in the wash bay) **$17,500**

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

In summary for Service Contracts & Repairs:

	Cost/year
Traffic Signals	$ 5,000
Street Light Repairs	$ 30,000
Leased Office Equipment	$ 2,000
Maintenance Equipment	$ 2,000
Pollution Prevention, annual cleaning	$ 20,000
Life Safety / Safety	$ 12,500
Monthly Service	$ 5,000
On-Call Service Fixed Equipment	$ 17,500
	$ 94,000



FY21	$59,993
FY22	$46,352
FY23	$70,315
FY24	$78,309
FY25	$89,113
5 year Average	$68,816

FY27 Request **$94,000**

52050 Dues, Conferences & Education:

Dues and Professional Fees:

NICET Cert. Assistant Director	$ 250
Training/Certs.for A.D. (ACI, NETTCP)	1,800
American Public Works Assoc.(APWA) Director	255
CT.Assoc.Street & Hwy.Officials (CASHO) Director	50
Tree Warden Assoc. Director	60
	$2,415

Conferences / Education / Training Seminars:

All workshops and training selected for office and operational personnel are related to job functions and are intended to introduce new concepts in equipment, procedures and policies. Workshops for the staff are provided through the Connecticut Transportation Institute Technology Transfer Center (T2), and the American Public Works Association (APWA). Also, we receive training through the Human Resources Department.

The Department has begun to send staff to an extensive training courses through UCONN's T2 center for the Public Works Academy. The cost for that program is $400/per person and includes multiple subjects to become a Road Scholar. We also have employees going through the Road Master program. This generally takes them 2 years to finish, but gives the employees a good foundation of the best practices for municipal work. We currently expect that 3 employees will graduate in the spring of 2026 with this certificate. $12,000

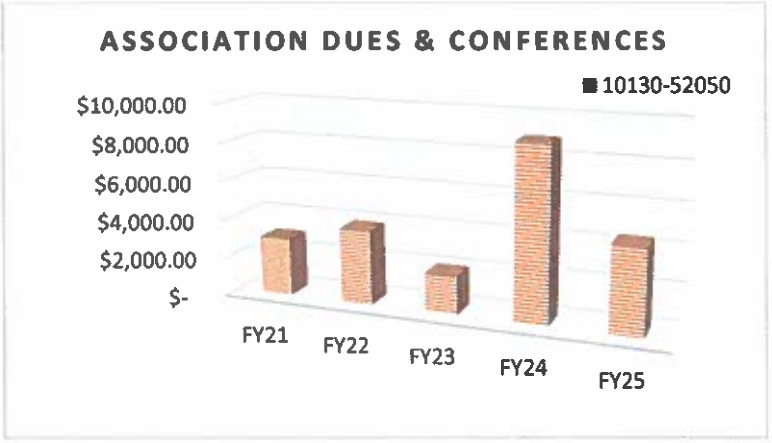
Annual OSHA Requirements for all DPW Personnel:

Confined Space	Protective Personal Equipment
Lockout/Tag out	Bucket Truck / Forklift Certification – Every 3 years
Blood borne Pathogens	Flagger Certifications – Every 4 years
Hazard Communications	Fall Protection
Trenching & Excavating	Elevated Work Platforms

DEEP - Class A & Class B certifications for Fuel Storage – Every 2 years (4 employees)

UCONN TRAINING ATTENDANCE 2025

Class
ATSSA Flagger Certification Training
Work Zone Safety
All About Asphalt
Principles of Drainage
Effective Communication Skills
Public Works Academy - Professionalism & Communication
Effective Communication Skills
Public Works Academy - Operational Safety
Public Works Academy - Work Zone Safety & Flagger
Public Works Academy - Roadway Fundamentals
Public Works Academy - Chainsaw Safety & Storm Cleanup
Public Works Academy - Winter Ops & Safe Snowplowing

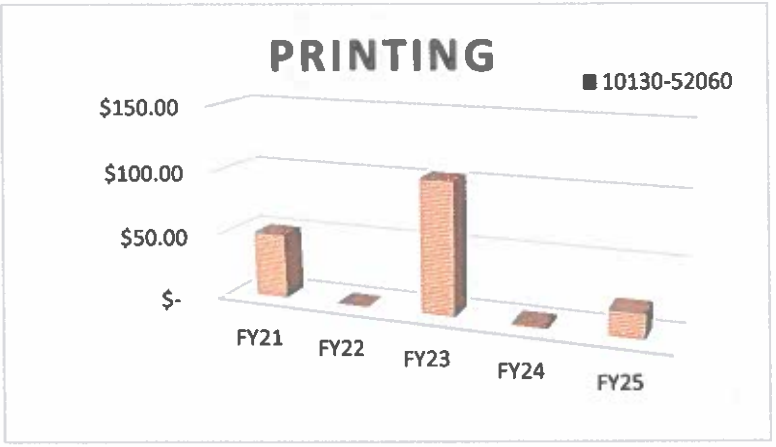


FY21	$2,983
FY22	$3,846
FY23	$2,005
FY24	$8,899
FY25	$4,395
5 year average	$ 4,426

FY27 Request **$14,415**

52060 Printing

The Town printing staff has been able to accommodate most of the Public Works printing requirements, at a reduced rate. The cost for the printing of the recycling calendars is $.05 cents per color copy.



FY21	$50
FY22	$0
FY23	$103
FY24	$ 2
FY25	$20
5 year Average	$35

FY27 Request **$ 50**

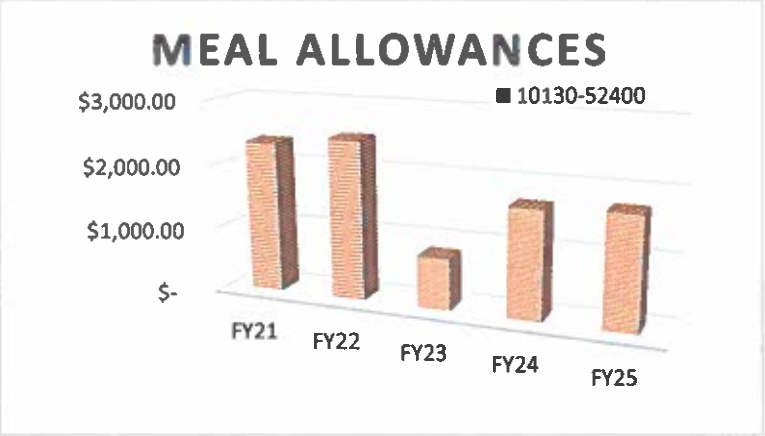
52070 Reimbursable Town Expenses:

Includes unexpected out-of-pocket expenses

FY 27 Request **$ 50**

52400 Meal Allowances:

Meals are provided for all Local #1303 members required to work emergencies such as snow removal. Expenditures are dependent upon the severity of the winter and the number of emergency responses each year.

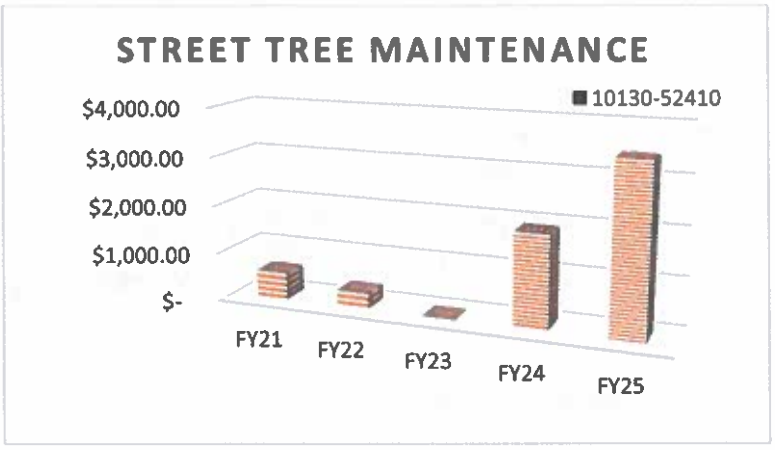


FY21	$2,352
FY22	$2,484
FY23	$ 808
FY24	$1,680
FY25	$1,736
5 year Average	$1,812

FY27 Request **$2,000**

52410 Street Tree Maintenance:

The Town of Waterford has approximately 8,200 street trees along its 122 miles of roadways. At times there is a need to hire a Contractor to perform some of the trimming or tree removals. This is mostly due to excessive tree size, trees too close to structures or electrical lines.

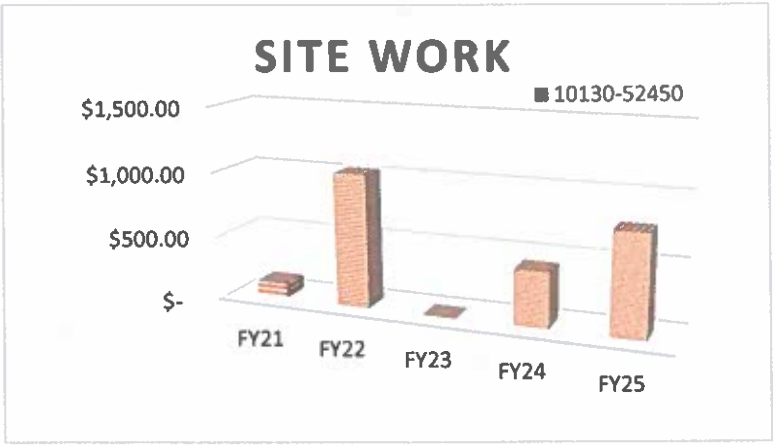


FY21	$ 558
FY22	$ 327
FY23	$ 0
FY24	$ 1,900
FY25	$ 3,432
5 year average	$ 1,243

FY27 Request **$10,000**

52450 Site Work:

Site repairs are necessary at the Municipal Complex such as miscellaneous landscape replacement, fence repairs, washouts, pavement repairs and other site related improvements.



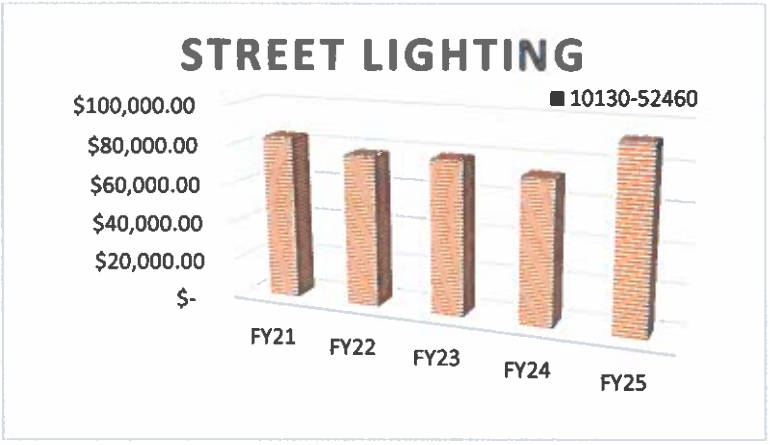
FY21	$ 113
FY22	$1,026
FY23	$ 0
FY24	$ 424
FY25	$ 773
5 year average	$ 467

FY27 Request **$5,000**

52460 Street Lighting: Electricity Only

All street lighting and traffic signals are non-metered and thus they are charged based on the size of the street light or number of traffic signal heads.

There are 29 traffic signals. In most cases, the Town pays only the electrical usage and the State of Connecticut DOT performs maintenance on them. Any signals at State road intersections are paid by the State and any private entrances to State or Town roads such as Stop & Shop and at the Regal Cinemas are paid by the abutting property owner. There are 2,072 LED streetlights in Town.



FY21	$ 83,329
FY22	$ 76,927
FY23	$ 78,086
FY24	$ 72,719
FY25	$ 92,303
5 year average	$ 80,673

Between FY20 and FY22, the sodium pressure lights were converted to LED.

FY27 Request **$84,000**

52470 Solid Waste Disposal:

This Line Item is divided into two primary categories, services supported through a Municipal Services Agreement with the Southeastern Connecticut Regional Resources Recovery Authority (SCRRRA or the Authority) which the Town is a member of, and Town supported services. Both have costs and in some cases revenues associated with them. Waste generation tonnages may fluctuate significantly, making expenditures and revenues difficult to project.

A. Municipal Solid Waste

The Town brings all municipal solid waste to the Waste to Energy Facility located in Lisbon, CT in accordance with the Municipal Services Agreement with the Authority. The tipping fee or cost per ton has been established by the Authority at $83.10/Ton for FY27. Currently the Town is paying $75.06/Ton.

Listed below are the tonnages of record for the last five fiscal years. Curbside is the material we collect using our own trucks. Commercial is the material collected by licensed haulers from large commercial/industrial sites, and residential housing developments.

	Curbside	Commercial	Total
FY	Tons	Tons	Tons
21	7,776	4,834	12,610
22	7,529	4,602	12,131
23	7,477	4,296	11,773
24	7,249	3,086	10,335
25	7,361	2,717	10,078

We are using FY25 tonnage for FY27

The proposed budget is 10,078 tons @ $83.10 **$ 837,482**

B. Single Stream Recycling

The Authority has taken on the cost for disposal of recyclable materials. It is factored into the MSW tipping fee.

Recycling Collected Curbside

FY21	1,658 Tons
FY22	2,031 Tons
FY23	1,959 Tons
FY24	2,814 Tons
FY25	2,989 Tons

INFORMATIONAL ONLY

The recycling we collect from the curbside is taken to the Transfer Station for compaction and transfer to Casella Waste in Willimantic for processing. The compactor is rented from Casella Waste for $933/month. The contract is renewed each July and it is unknown if an increase will be proposed by Casella at this time. **$11,196**

C. Bulky Waste (Transfer Station and Curbside Collection)

- Transfer Station: The Bulky Waste Transfer Station is located at the Municipal Complex. This facility serves only the Town of Waterford residents and small businesses. A fee of $110/ton is charged for the disposal of the bulky waste.

  This resulted in a revenue of $105,234 for FY25.

  We have a three year contract that spans FY25 – FY28. This vendor is to remove 1,000 tons of bulky waste a year at $115/Ton disposal fee. This contract also includes a price per pull (estimated at 67 pulls in one fiscal year) @ $275/each. **$133,335**

- Curbside Collection: We provide curbside bulky waste pickup from April - October and charge per the approved Fee Schedule. In FY25 we had 292 bulky stops.

  This service resulted in a revenue of $6,568 in FY25.

D. Bulky Steel & Freon Removal

- Bulky Steel such as appliances, bicycles, siding, etc. are accepted at the Transfer Station. The value of scrap steel fluctuates greatly. Prior to processing appliances, all refrigerants must be removed from the refrigerators, freezers, dehumidifiers and air conditioners then be certified clean. SCRRRA provides Freon removal as part of services provided by the Authority to the member Towns at no cost to the Town.

- We received approximately $55,353 in revenues from scrap steel in FY25.

- Our current contract FY25 – FY28 is in place with the Town receiving 71% of the auto bodies export price published in the New York American Metal market (1st issue of the month) but not less than $150/ton.

E. Yard Waste (Brush and Leaves)

- Leaves in biodegradable paper bags or loose may be deposited at the Transfer Station for free. Brush is also accepted. SCRRRA grinds the brush, at no cost to the Town. Town crews handled 538.78 tons of leaves in FY25, transporting them to an out of town location.

- Revenues: We collected $14,392 for brush at the Transfer Station during FY25 and another $500 for curbside collection of brush totaling $14,892.

The appropriation requested for disposal is **$3,500**

F. Roll-Out Trash & Recycling Containers (Carts)

- These 96 gallon units are the roll out carts that the residents put their trash and recyclables in for their curbside pickup. Each household is able to have up to 3 blue & 3 green containers. The cost to the residents are $50 per cart and the Town delivers to the homeowner, if needed. We also stock parts to repair the carts, when possible. The original carts are beginning to break and the Town is having to replace these more often than ever before.

- The revenue from FY25 for these containers was $9,690.

The appropriation requested is **$ 50,000**

G. Street Sweepings / Catch Basin Cleanings Disposal Fee

- The MS4 Stormwater permit requires monitoring and cleaning all catch basins and sweeping all streets once per year. We are responsible for 3200 catch basins and 240 lane miles of roads. This results in the disposal of approximately 375 tons of waste from the sweeping of roads and cleaning of catch basins.

$25,000

H. Other costs associated with the operation of the Transfer Station

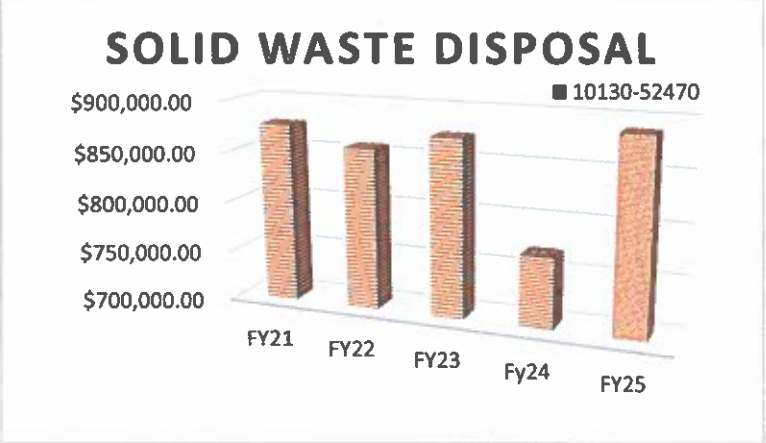
- These are related to the scale used for weighing vehicles in and out of the facility and the DEEP Permit to operate a Transfer Station. Those are:

DEEP Permit Annual Fee	$ 800
Annual Scale Calibration	$2,000
State scale registration fee	$ 250
Weigh Master Licenses for staff	$ 680
	$ 3,730

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

In summary, the appropriation requested for Solid Waste Disposal is as follows:

ITEM		REVENUE (Estimated)	EXPENDITURES
MSW (Tipping Fees)	A	$190,000	$ 837,482
Single Stream Recycling	B		$11,196
Bulky Waste (Transfer Station)	C	$105,234	$ 133,335
Bulky Waste (Curbside Pickup)	C	$6,568	
Bulky Steel (Scrap Metal)	D	$55,353	
Yard Waste/Brush	E	$14,892	$ 3,500
Roll Out Containers & replacement parts	F	$9,690	$ 50,000
Street Sweeping & Catch Basin Cleaning	G		$ 25,000
Scale Expenses/DEEP operating Permit	H		$ 3,730
TOTAL			$1,064,243



FY21	$876,159
FY22	$858,090
FY23	$874,192
FY24	$769,472
FY25	$888,311
5 year average	**$853,245**

FY 27 Request $ 1,064,243

52475 Recycling Program

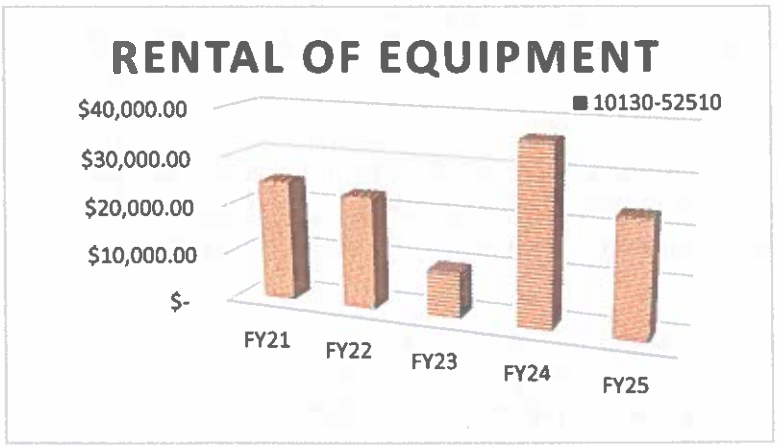
The Town purchases promotional items to inform and motivate residents to use less and recycle more.

FY21	$0
FY22	$0
FY23	$0
FY24	$0
FY25	$63

FY 27 Request $ 50

52510 Rental of Equipment:

There are, at times, the need to rent equipment to replace a large piece of equipment that is down for an extended period of time for repairs. We have also been renting a skid steer to use for sidewalk snowplowing operations. The paving projects have been very aggressive and in an effort to keep on schedule with the water services, we have rented a mini excavator for the Public Works portion of that project. This assists with the temporary trench repair with asphalt.



FY21	$24,765
FY22	$23,023
FY23	$ 9,453
FY24	$36,545
FY25	$23,598
5 year Average	$23,477

FY 27 Request $ 30,000

52531 Landfill Cap Maintenance

This line item includes all costs involving the closed, capped Waterford Landfill located off Miner Lane. The landfill (18 acres) has been officially closed since December 31, 2001. The DEEP permit requires the landfill to be maintained and monitored for 30 years after closure.

Landfill Well Monitoring – involves a monitoring program for testing drilled monitoring wells, domestic water wells and surface water sites.

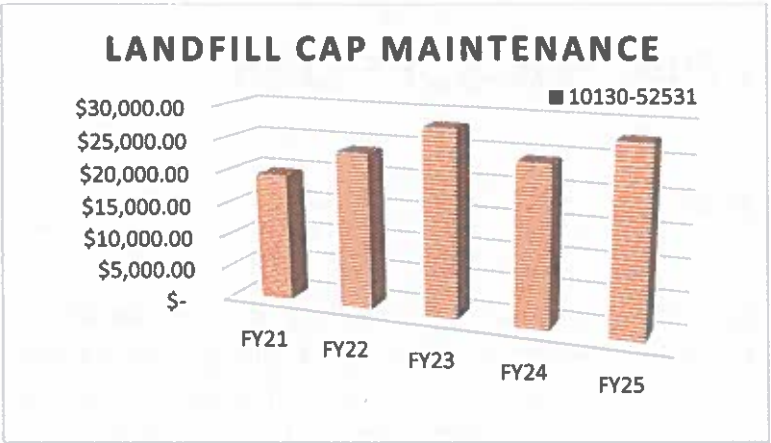
Currently, monitoring is performed twice a year, in November and May. The monitoring program consists of groundwater and surface water monitoring, plus the collection and sampling of the water supply well at the nearby farm. Decomposition gas monitoring is also required. DEEP requires a semi-annual report, along with an annual report due in February. **$17,778**

Landfill Mowing – The closure Permit requires the landfill be mowed twice a year to prevent large vegetation growth and trees. The current bid expires in spring of 2026. We will use the current number for this work at $ 5,426 per mowing, and this mowing is done twice a year. **$ 10,852**

Cap Maintenance There is a need for calcium chloride for dust control and bank run gravel for the maintenance of the processing pad and roadway access to the top of the closed landfill where we will continue to process brush and general yard waste.
$2,000

Summary	Landfill Monitoring	$ 17,778
	Landfill Mowing	10,852
	Cap Maintenance	2,000
		$ 30.630

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works



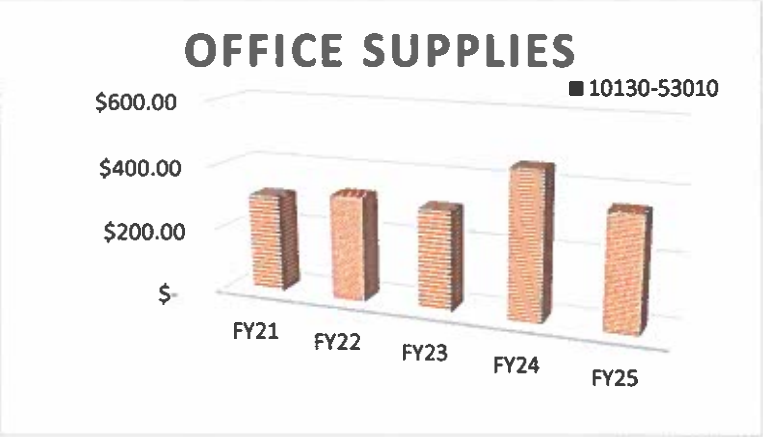
FY21	$19,450
FY22	$23,750
FY23	$28,200
FY24	$24,130
FY25	$27,851
5 year Average	$24,676

FY 27 Request **$ 30,630**

5300 MATERIALS & SUPPLIES

53010 Office Supplies:

This includes all office supplies not purchased by the Purchasing Agent, which are particular to departmental operations. Examples of these items include printing cartridges, diaries, and calendars. This year the list supplied by the finance office has changed, so we are including in our budget the maintenance of supplies and printers not included in the town's plan as well as the supplies for those printers.

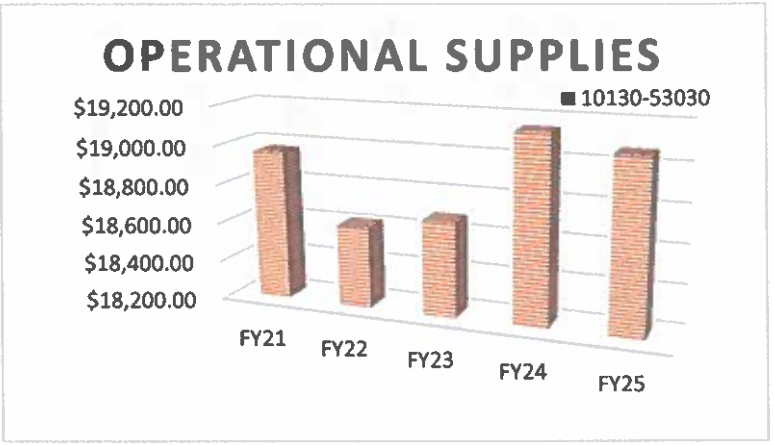


FY21	$303
FY22	$324
FY23	$307
FY24	$451
FY25	$348
5 year average	$347

FY 27 Request $ 2,000

53030 Operational Supplies:

Operational supplies are hand tools, rain gear, safety equipment, chains, tarpaulins, paint, wiping rags, gloves, etc. used by highway maintenance personnel. Supplies include paper goods, trash bags, etc. and materials required for maintaining the Public Works Complex in an orderly manner. For the Equipment Maintenance Division this includes specialized tools, safety gear, cleaners, oxygen, acetylene and welding accessories. For the Sanitation Division supplies include gloves, wiping rags and other personal protective equipment.

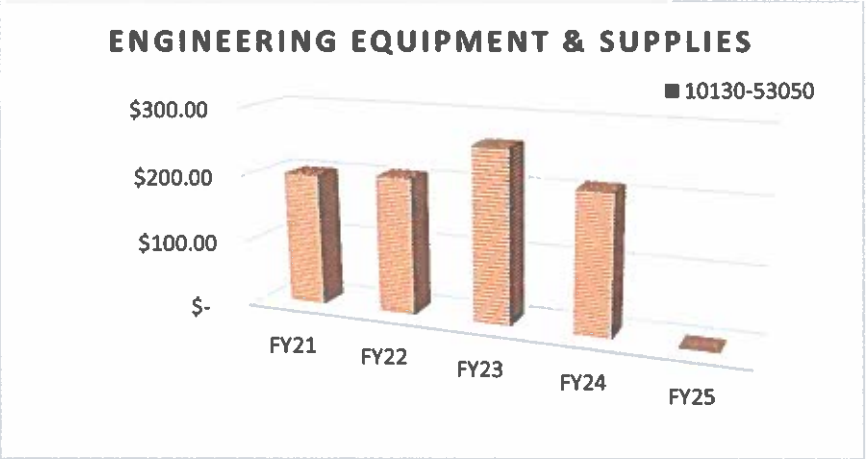


FY21	$ 18,965
FY22	$ 18,615
FY23	$ 18,681
FY24	$ 19,146
FY25	$ 19,067
5 year average	$18,895

FY 27 Request $20,000

53050 Engineering Equipment and Supplies:

This line item is for all expendable supplies used in the field by the staff, such as wooden stakes, paint, survey tape, etc. Also engineering plotting cartridges and paper are charged to this line.

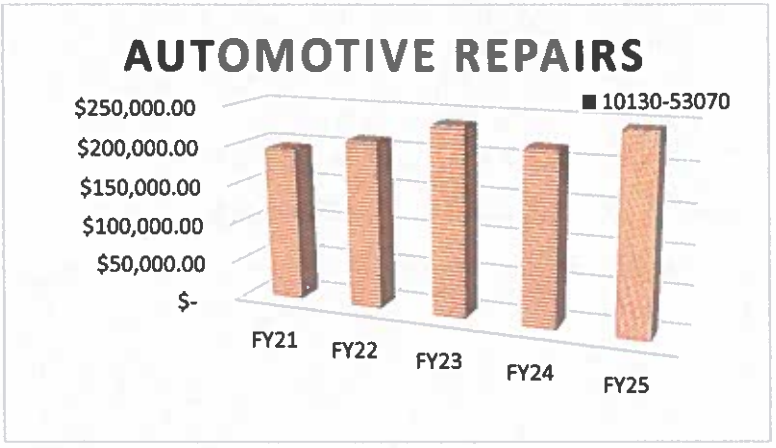


FY21	$200
FY22	$206
FY23	$261
FY24	$210
FY25	$0
5 year average	$175

FY 27 Request $ 300

53070 Automotive Repairs:

Includes all parts and sublet services required to maintain our pieces of equipment and vehicles. The repairs that are done for other departments has Public Works perform the repairs, but the invoices for those parts are sent to the respective department for payment from their accounts, except all administrative vehicles are paid for by Public Works.



FY21	$ 194,378
FY22	$ 210,742
FY23	$ 236,498
FY24	$ 215,468
FY25	$ 243,718
5 year average	$ 220,161

FY27 Request $265,000

53090 Fuels and Lubricants:

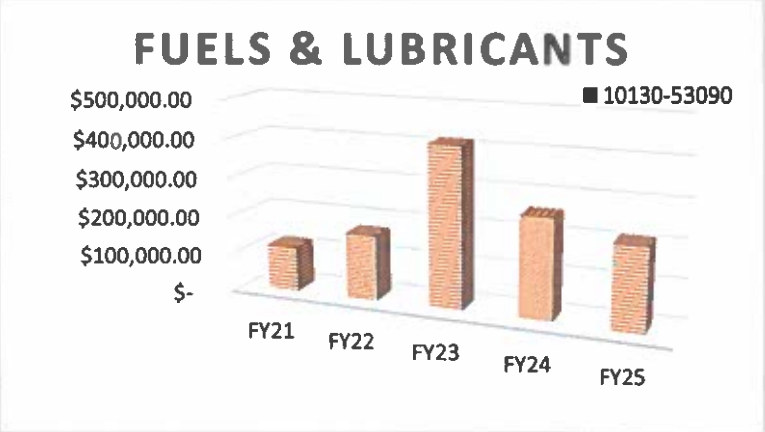
This includes gasoline, diesel fuel, oils, grease and anti-freeze. Quantities shown are the average usage for calendar years FY21 through FY25. Our Department pays all the invoices for fuel and then transfers from other department's budgets are moved into this line item. Outside agencies such as L&M Paramedics and Waterford Ambulance use our fueling sites and are billed at an agreed contract price.

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

	FY21	FY22	FY23	FY24	FY25
Unleaded (gal)	6,064	5,537	5,034	5,267	5,939
Diesel (gal)	62,516	60,414	57,240	60,316	61,628

5 year gallon averages
Unleaded – 5,568
Diesel – 60,423

Unleaded Fuel	5,568	**@2.0545/gallon**	=	$ 11,440
Diesel	60,423	**@2.78/gallon**	=	$167,976
Lubricants, DEF & Antifreeze			=	$ 46,600
			Total	$226,016



FY21	$ 116,293
FY22	$ 169,151
FY23	$ 413,807
FY24	$ 257,791
FY25	$ 212,270
5 year average	$ 233,862

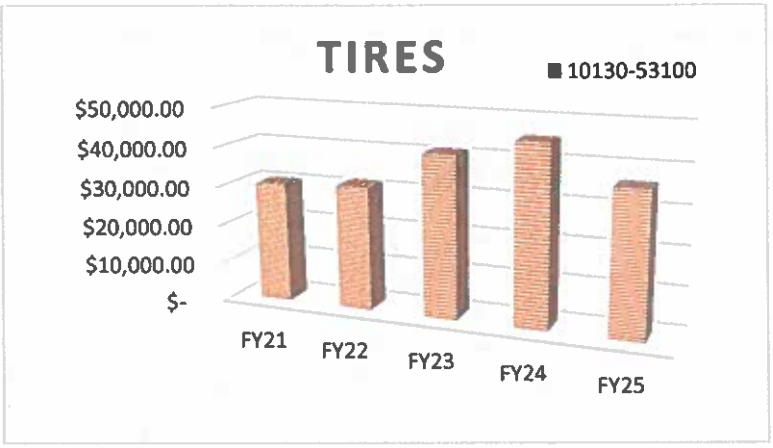
FY23 – HAD TO PURCHASE FUEL ON THE OPEN MARKET

Due to pricing fluctuations, we are using 5 year averages for product consumed instead of costs.

FY27 Request $ 226,016

53100 Tires:

This appropriation is for purchases of new tires, recaps and tubes.



FY21	$ 30,253
FY22	$ 31,306
FY23	$ 40,868
FY24	$ 45,291
FY25	$ 36,116
5 year average	$ 36,767

FY 27 Request $49,000

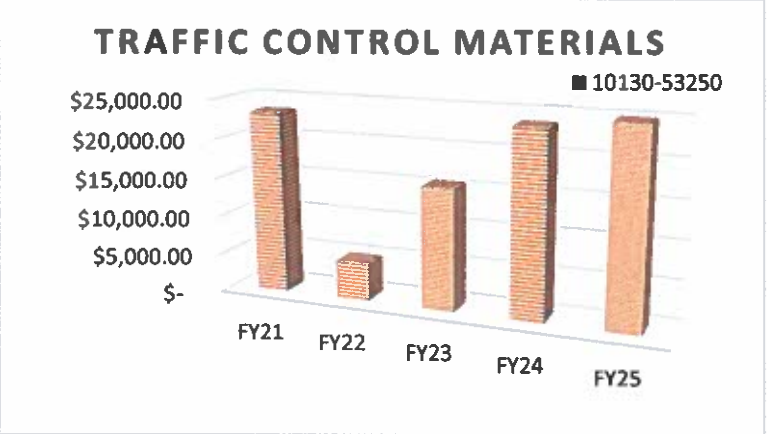
53250 Traffic Control Materials:

All traffic control and street name signs are purchased, installed and inventoried by Public Works staff, in consultation with the Police Department. Currently we maintain 1,944 Regulatory signs, 642 Warning signs, 12 Directional signs and 715 Street Name signs. Street sign sizes, lettering and symbols and reflectivity have been upgraded per the Federal Highway Administration (FHWA), as described in the Manual of Uniform Control Devices (MUTCD).

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

We maintain 521 Stop Bars, 44 Crosswalks, 4 Rail Road Crossing, 66 Turn Lane Arrows, and 30 Lane Dividers throughout the Town.

All lane markings (center and edge markings) are contracted out. Water based centerlines are being replaced with epoxy paint on newly rehabilitated roads. Epoxy lasts approximately 5 years, while water based paint is repainted annually.



FY21	$ 23,307
FY22	$ 4,841
FY23	$ 15,519
FY24	$ 23,597
FY25	$ 24,790

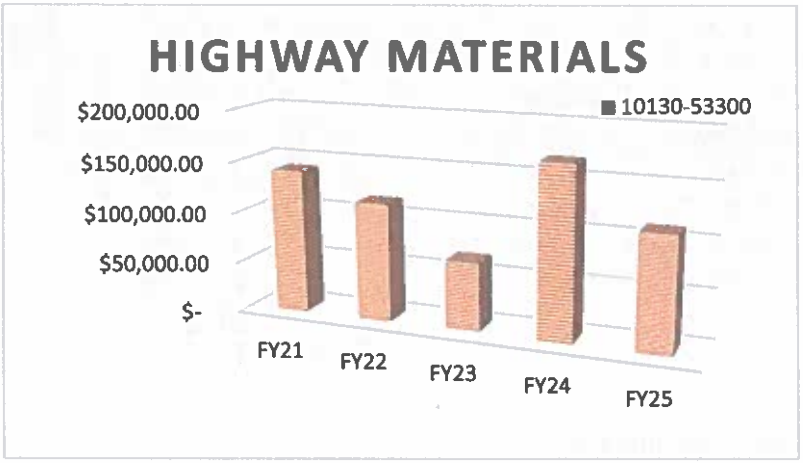
5 year average $18,411

FY 27 Request $25,000

53300 Highway Materials:

All materials for highway maintenance, snow & ice control and small drainage projects are purchased from this line item to supplement State Town Aid appropriations presented in line item 10130-55010. Highway maintenance includes:

- Guide rail repairs
- Repairs to the storm drainage system consisting of outfalls, pipe and catch basins.
- Crack seal, patching and surface treatments of asphalt surfaces
- Stone, processed gravel, and sand



FY21	$ 140,648
FY22	$ 115,564
FY23	$ 67,193
FY24	$ 167,353
FY25	$ 111,277
5 year average	$ 120,407

FY 27 Request $48,000

5400 EQUIPMENT

54050 Automotive Equipment:

Many smaller or specialized pieces of motorized equipment not registered to be on the road, such as chain saws, pumps, tampers and attachments are essential to this department's operation. This year we have included a 40' Container for storage of items that are removed during evictions. This line item also includes equipment for the Equipment Maintenance Division, including a tool allowance for the mechanics.

Highway Division

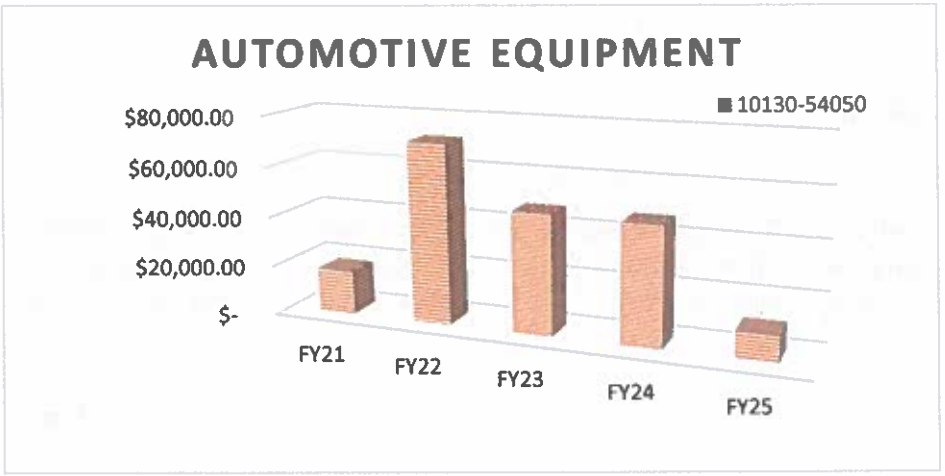
Misc. Small Tools for Highway		$ 4,000
Cut-N-Break Saw		$ 2.675
4-Cyle Rammer		$ 2,849
Reversible Plate Compactor		$ 4,849
Rammer-Rack Storage System		$ 525
40' Container (reconditioned)		$ 4,900
Roll Off Dumpster		$16,632
	Total	$36,430

Equipment Maintenance Division

5 Mechanics @ $500/each	$ 2,500
Small Tool repair/replacement	$ 5,000
Suspension Strut Spring Compressor	$ 1,541
	$ 9,041

Total Highway Division =	$ 36,430
Total Equipment Maintenance Division =	$ 9,041
	$ 45,471

5



FY21	$ 17,386
FY22	$ 71,566
FY23	$ 47,584
FY24	$ 47,065
FY25	$ 10,587

5 year average $ 38,838

FY27 Request: $ 45,471

54020 Office Equipment:

None

FY27 Request $ 0

5500 TOWN AID

55010 Town Aid - Improved Roads:

Town Aid funds are provided through a State of Connecticut allocation system to all municipalities for maintenance of Town roads. The 2026/2027 allocation to Waterford is estimated to be $430,880. We typically use these funds to purchase road salt and for roadway maintenance.

FY27 Request $ 430,880

The Board of Selectmen voted on 11/15/11 to make the following adjustment to the Transfer Station Fees effective July 1, 2012. Fees will be in effect all of FY 27.

IV. FEE SCHEDULE

A. The Board of Selectmen shall adopt a fee schedule, which will be effective for a minimum of one year from date of adoption unless circumstances warrant interim review.

B. SCHEDULE OF FEES

1. The Transfer Station **DOES NOT** Accept:

    1. Regular household trash, bottles & cans. These items are collected curbside during our normal weekly curbside collection.
    2. Household Hazardous Waste – Collection sites are provided Spring through Fall. Check newspapers or call Public Works for details.
    3. Grass Clippings: Compost or mulch on lawn.
    4. Rubble, stone, concrete, asphalt, dirt, stumps, rocks.

2. **COLLECTOR LICENSE FEE** – Annual $25 per truck

3. **TIRES**

Passenger Tires	$ 2/ea
Truck Tires 7:50 x 16 & up	$ 5/ea

4. **STUMPS**

Tree Stump (small) < 8"	No Longer Accepted
Tree Stump (large) > 8"	No Longer Accepted

5. **LOGS** $110/Ton

6. **BRUSH**

Pickup Truck	$ 5/load
Small Dump Truck/Small Dump Trailer(1-2 axle)	$10/load
Large Dump Truck	$15/load

Automobiles – Covered by passenger

Load sizes for fee purposes are:

Pickup Truck	1 CY
Small Dump Truck/Small Dump Trailer (1-2 axle)	3 CY
Large Dump Truck	6 CY

Attendant will use judgment in setting fees for odd-size loads.

7. **DEMOLITION/CONSTRUCTION DEBRIS**

Demolition Debris/Shingles *$110/Ton*

$5.00 minimum Charge

8. **APPLIANCES**

Refrigerators, Freezers, Air Conditioners, Dehumidifiers	$15/ea

9. **OVERSIZED MSW (Curbside Pick Up Only)**

Sofas, Stuffed Chairs, Mattresses Box springs, Carpets	$10/ea

10. **ROLL OUT REFUSE CONTAINERS**

96 Gallon	$50
Rental	$10/month
Additional Containers 96 gallon	$50

Refuse Tipping Fee $75.06/Ton for Municipal Solid Waste
Delivered to SCRRRA in Preston by Contractors

Bulky Waste Curbside Collection

Call 860-444-5864 for information on how to get an appointment
$20/appt. for regular residential units. Plus applicable fees as shown above.

Brush Curbside Collection

Call 860-444-5864 for information on how to get an appointment
$20/appt. for regular residential units

Accounts over 30 days past due will accrue interest at 1.5% per month.

Accounts with a balance over 90 days will be suspended and access to the Facility will be denied until the balance is paid in full.

C. All fees shall be due and payable upon invoicing or may be paid immediately upon usage. Anyone with a balance due over sixty (60) days will be denied access to the disposal facility.

D. No charge will be made for:

1. Demolition material from a structure burned as Fire Department training
2. Used Motor Oil
3. Anti-freeze
4. Leaves (no plastic bags or grass clippings)
5. Batteries
6. Propane Tanks
7. Metal
8. Fluorescent Bulbs
9. Electronics Recycling

Computers; monitors, TV, Fax Machines, adding machines, printers, scanners, Stereos, speakers

E. Mixed loads of metal and oversized MSW shall be charged at the rate of *$110/Ton*

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: Public Works

FIFTEEN ROPE FERRY ROAD WATERFORD, CT 06385-2886

To: Gary Schneider, Director of Public Works

From: Thomas McKittrick, General Foreman

Date: November 21, 2025

Re: FY27 Budget Requests

1. Misc. Tool Purchases – This gives us the ability to replace broken small hand tools or upgrade the ones we have for a more current option. $4,000
2. Cut-N-Break Saw – This is the proper tool for cutting concrete curbing around a catch basin. This is a more efficient tool and is much safer for the employees. $2,675
3. 4-Cyle Rammer – This will allow the crew to get better compaction. This will replace an outdated and unrepairable piece of equipment that the Town has had for years. $2,849
4. Reversible Plate Compactor – The current compactor needs frequent repairs. This will help the crew to complete their work without interruption. $4,849
5. Rammer-Rack Storage System – The storage system allows the rammer to be transported without worry of damage. $ 525
6. 40' Container (reconditioned) – The current containers that we have, has holes in the doors which allow critters to get inside the container. This piece of equipment is where the Town holds items that are removed for evictions. $4,900
7. Roll Off Dumpster – The current container is rotted out. We use this to haul brush and other material. This will replace it so we don't risk leaving a trail of debris. $16,632

$ 4,000
$ 2,675
$ 2,849
$ 4,849
$ 525
$ 4,900
$16,632
$36,430

FIFTEEN ROPE FERRY ROAD WATERFORD, CT 06385-2886

INTER-OFFICE CORRESPONDENCE

DATE: 11/18/2025

TO: Gary Schneider, Director of Public Works

FROM: Garon VanOverloop, Lead Fleet Mechanic

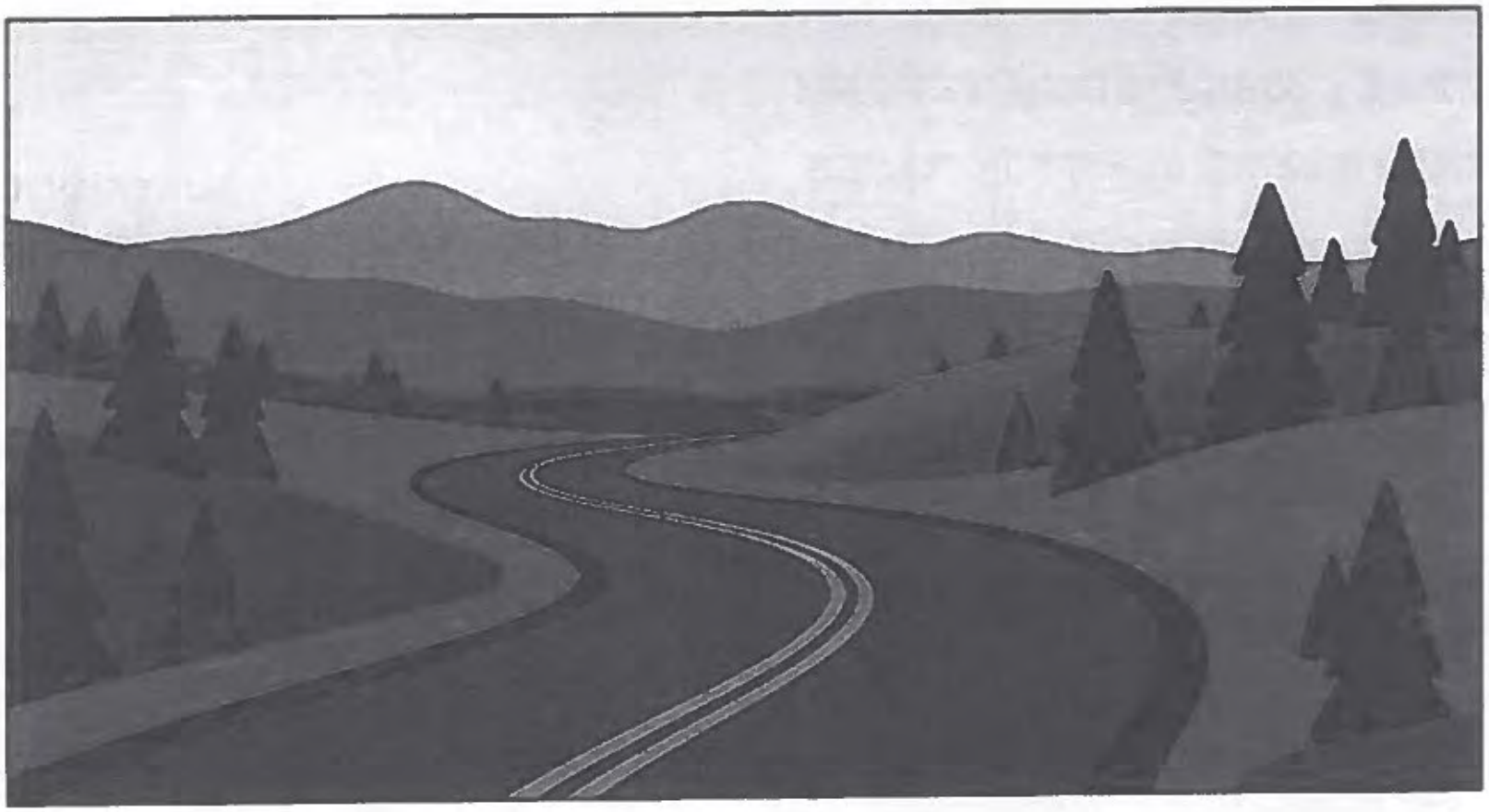
RE: FY27 Budget Request

For the FY27 budget year I am proposing the following.

1. $5,000 maintenance shop tool, repair and replacement line, continuance.
2. $1,540.67 Suspension strut spring compressor.
3. $18,631.61 for a replacement roll off dumpster. The current one is out of service and beyond repair

Garon VanOverloop

Garon VanOverloop
Lead Fleet Mechanic



WATERFORD, CT MEETING

PAVEMENT MANAGEMENT SERVICES

Date: November 13, 2025

Presented By: Joe McGuire, Project Manager

Tighe&Bond

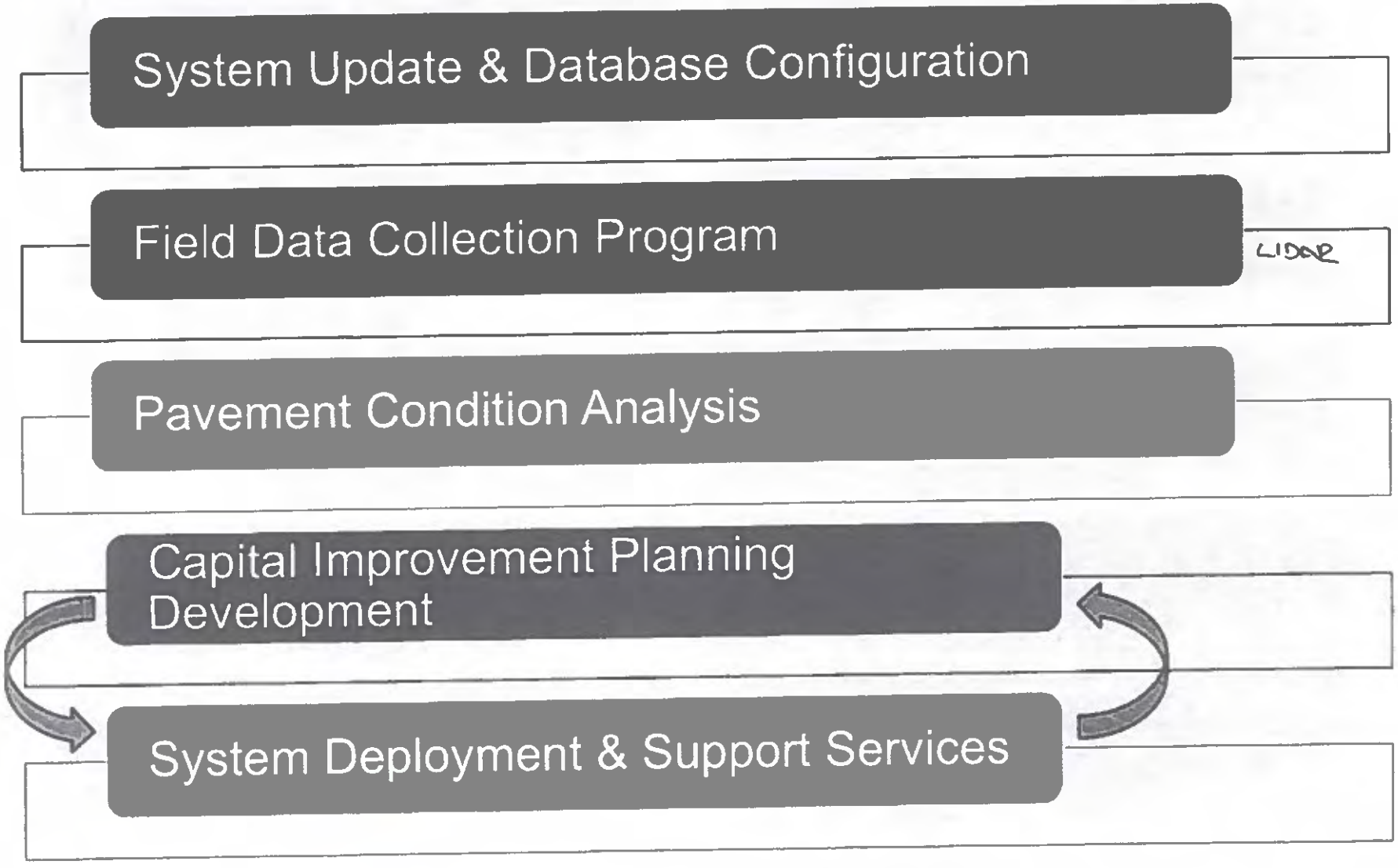
PAVEMENT MANAGEMENT GOALS & OBJECTIVES

- 1.) Optimize Use of Available Funds
- 2.) Extend Pavement Life
- 3.) Data-Driven Decision Making
- 4.) Improved Network Performance
- 5.) Financial Accountability & Transparency
- 6.) Long-Term Planning & Consistency



Inspections (Scan roughly every 3 years) vs. Annual Support Services

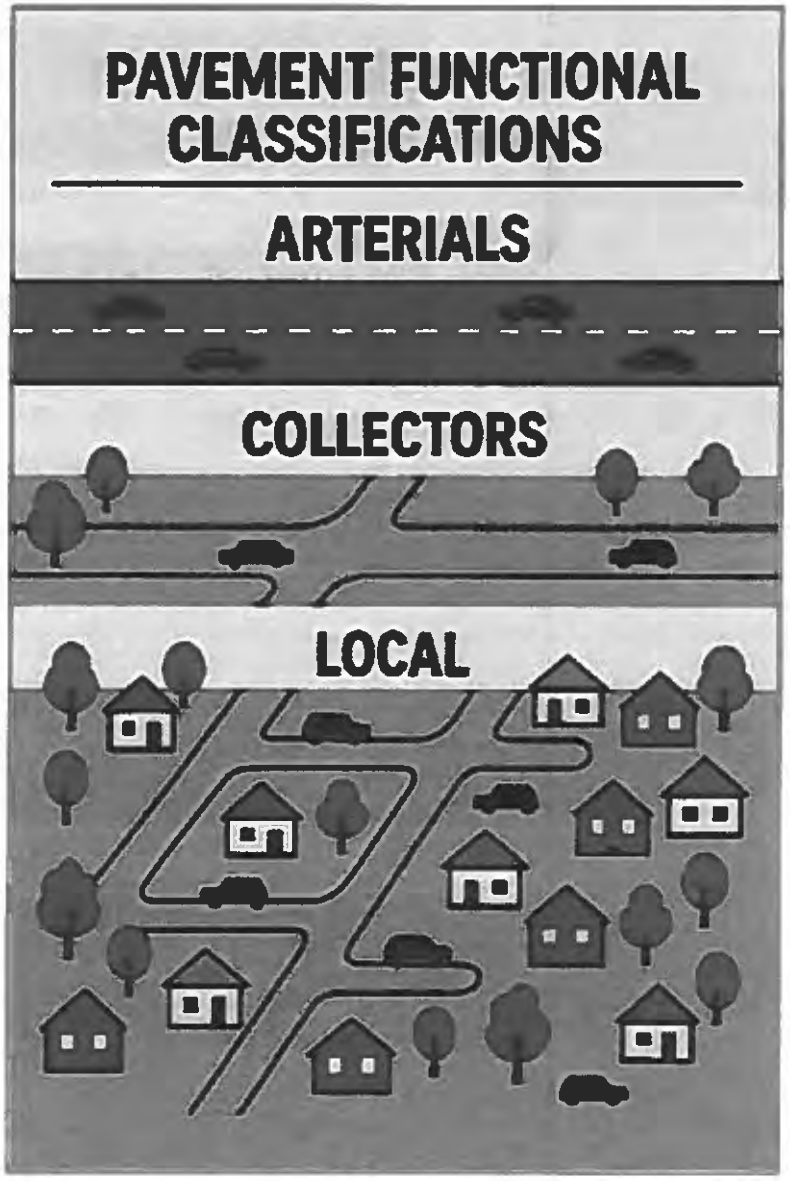
PROJECT APPROACH



SYSTEM UPDATE & DATA CONFIGURATION

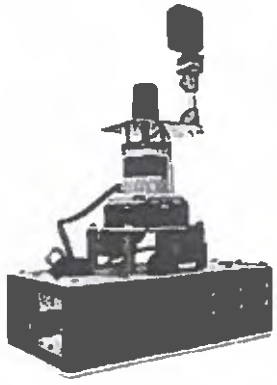
- **Overall project kick-offs:**
  - Understanding the community type (Urban, Suburban, Rural)
- **Leverage existing GIS pavement datasets:**
  - We understand that these communities may already have previous programs
  - Tighe & Bond can inherit the structure of segmentation for continuity of established centerlines
- **Confirm roadway status of each community:**
  - As part of this effort historical pavement work completed will also be integrated into Tighe & Bond's database structure

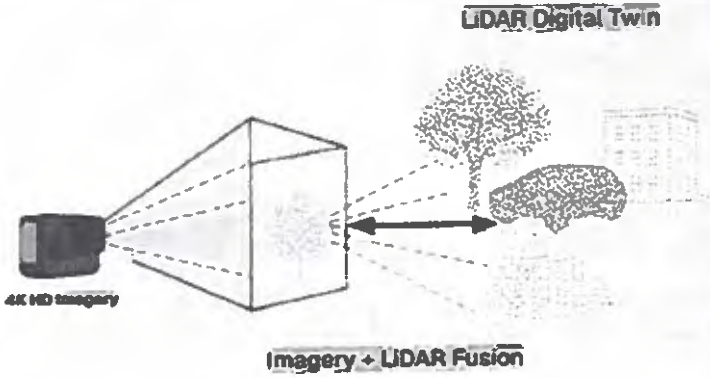




FIELD DATA COLLECTION PROGRAM

- **Tighe & Bond has strategically partnered with Cyvl.ai to capture LiDAR-based pavement data**
- **The following highlights the automated process:**
  - Vehicle mounted LiDAR scanner equipped with 360-imagery & forward-facing cameras
  - Geolocated roadway images delivered in a GIS point-layer format every 20' to 30' section of road
  - AI models fuse raw point cloud scans with the supplemented 4K HD imagery
  - PCI ratings fully compliant with ASTM D6433 standards for identifying distresses

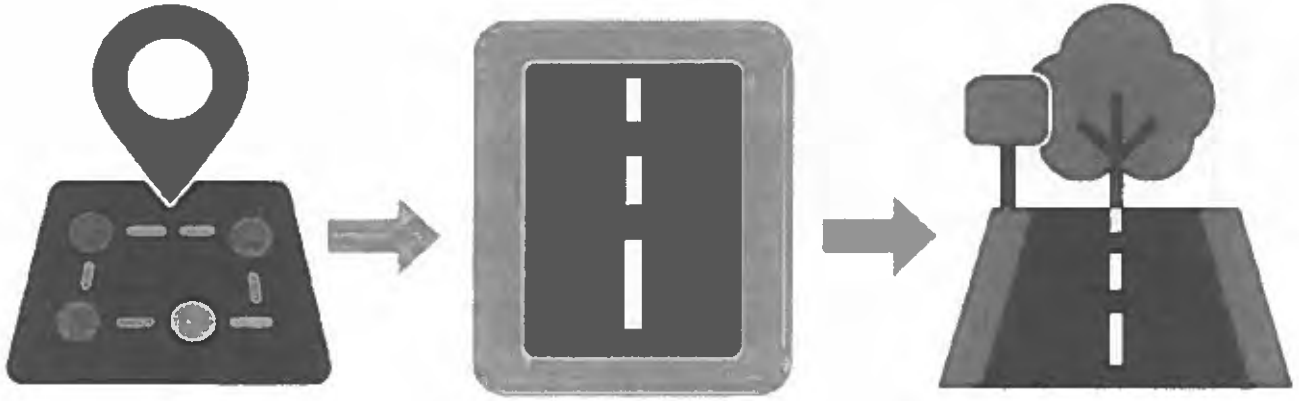






PAVEMENT MANAGEMENT DATA COLLECTION

LEVELS OF DATA USED FOR ANALYSIS AND REPORTING



POINT LEVEL

Individual data points collected in the field.

SEGMENT LEVEL

Aggregated segment analysis showing average condition.

ENTIRE ROADWAY

Network-level summary for systemwide reporting & planning.

PAVEMENT CONDITION ANALYSIS

Our condition analysis focuses on the confirmation of roadway PCI scores, to maintain the roadway system in optimal form while maximizing available budgets.

The following express the core values of our data analysis process:

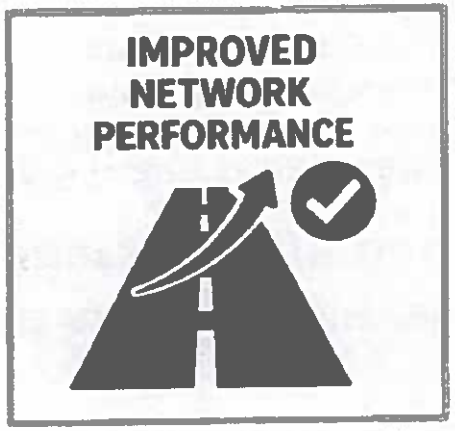
1.) Data Quality Control (review of LiDAR data & associated scores)

2.) Data Classification (repair categories, unit pricing, & CBV)

3.) Reporting & Mapping (summary of findings)

4.) Forecast Modeling (budget scenarios & deterioration assumptions)

5.) Custom Analysis (neighborhood analysis, districts, treatment performance)





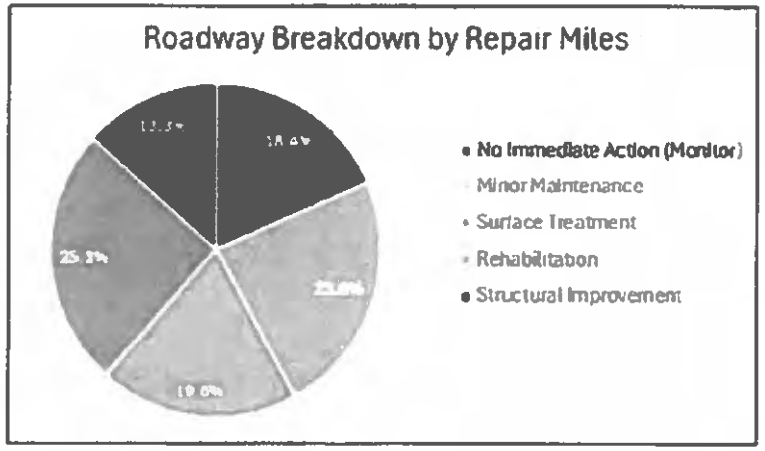


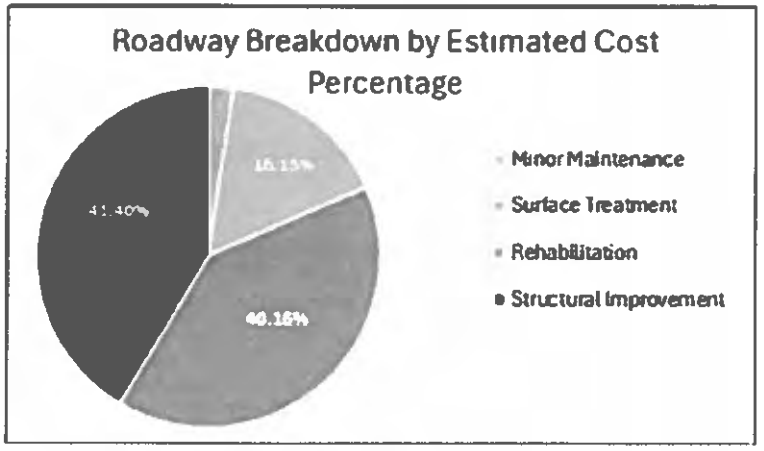
PAVEMENT CONDITION ANALYSIS

We structure pavement data into 5 major repair categories to assist in understanding potential treatment options/recommendations.

The 5 major repair categories are as follows:

- **No Immediate Action** (100 to 90: typically roads paved in the past 5 years)
- **Minor Maintenance** (90 to 80: fog seals or crack sealing candidates)
- **Surface Treatment** (80 to 65: preservation treatments – i.e. conventional chips seals, 20% rubber chip seals, ultra-thin bonded wearing courses, microsurfacing, etc.)
- **Rehabilitation** (65 to 40: typically mill & overlay, hot-in-place recycling, heavy shim & overlay, cold-in-place recycling, etc.)
- **Structural Improvement** (40-0: worst roads in town requiring full depth reclamation/reconstruction or paved-in-place stabilized base treatments)





**Repair categories, unit pricing, & PCI banding ranges can be customized based on each community's preference.*

CAPITAL IMPROVEMENT PLANNING DEVELOPMENT

Our approach to CIP's:

- Leverage Cost Benefit Value (CBV) Analysis Combined With Remaining Service Life (RSL)
- Years Life Added
- Balanced Approach to Treatment Implementation
- Develop 3-5 Year Plans

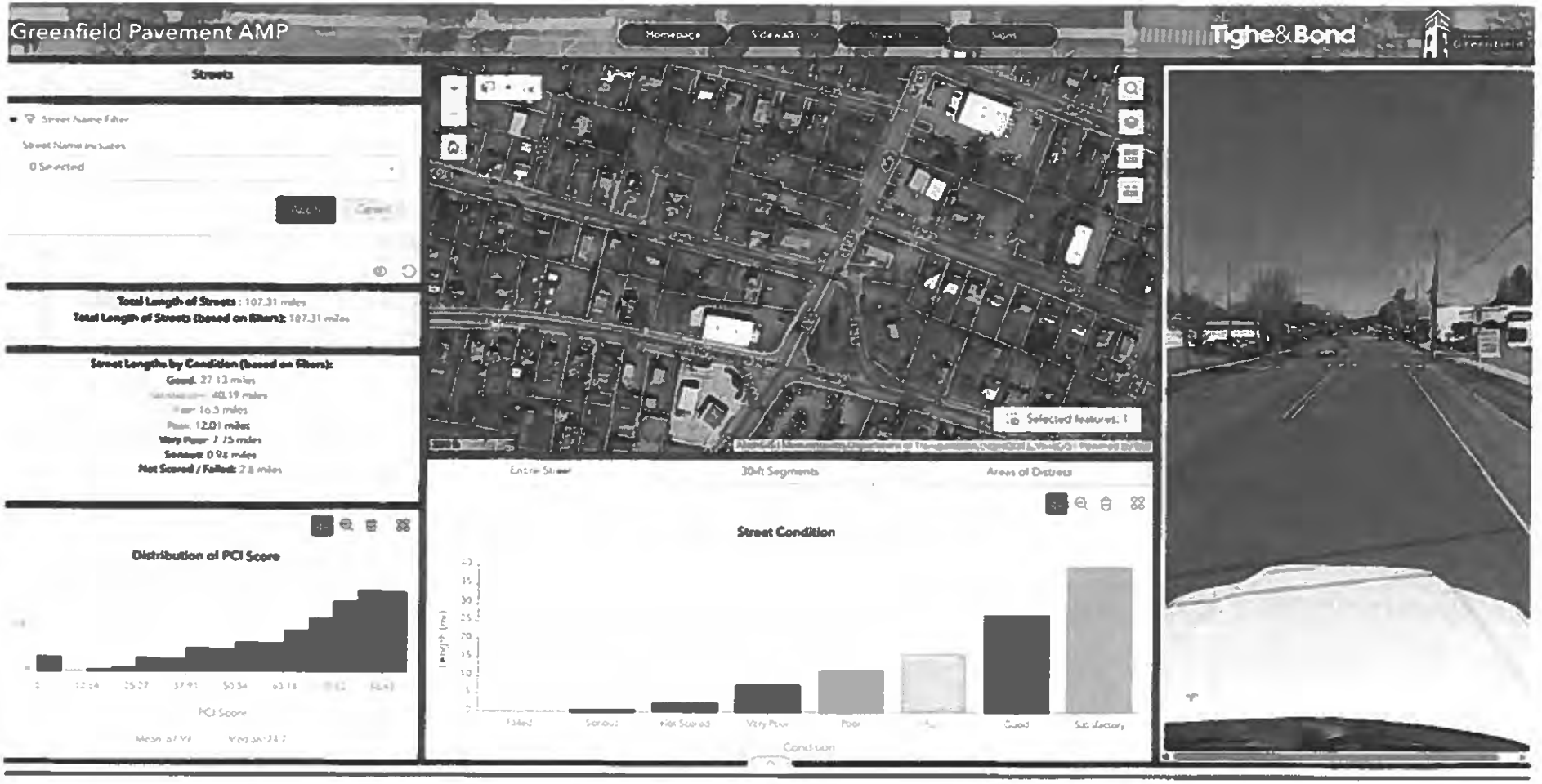
- Recommended treatments can be established based on each community's independent needs.
- CIP scenario building provided through the online platform for use by the 3 communities
- Site visits for recommendations are also provided to support planning needs







SYSTEM DEPLOYMENT & SUPPORT SERVICES



Pavement Dashboard is deployed through ArcGIS Online (AGOL) and shared with a communities account directly.

ADDITIONAL ASSETS

The following assets can be extracted from a LiDAR scan of a community and integrated into the online deliverable as a feature layer to provide a more comprehensive asset management program:

Linear Assets

Pavement Markings
- Good, Fair, Poor Condition
- Type

Sidewalks
- Good, Fair, Poor Condition

Guardrails
- Good, Fair, Poor Condition

Concrete Barriers

Concrete Walls

Curbs

Jersey Barriers

Retaining Walls/Fences

Rumble Strips

Point Assets

MUTCD Traffic Signs
- MUTCD code
- Good, Fair, Poor Condition

Streetlights
- Good, Fair, Poor Condition

Billboards

Bus Shelters

Cabinets

Curb Ramps

Fire Hydrants

Flex Delineators

Manhole Covers

Pedestrian Heads

Pedestrian Push Buttons

Street Light Poles

Traffic Cameras

Traffic Signals

Traffic Signal Poles

Trash Bins

Trees

Utility Poles

Water Valves

*** IRI condition data can also be collected as an additional asset using TotalPave's phone application to collect an approximate roughness score for roadways.**

WHY TIGHE & BOND

• Market Trends

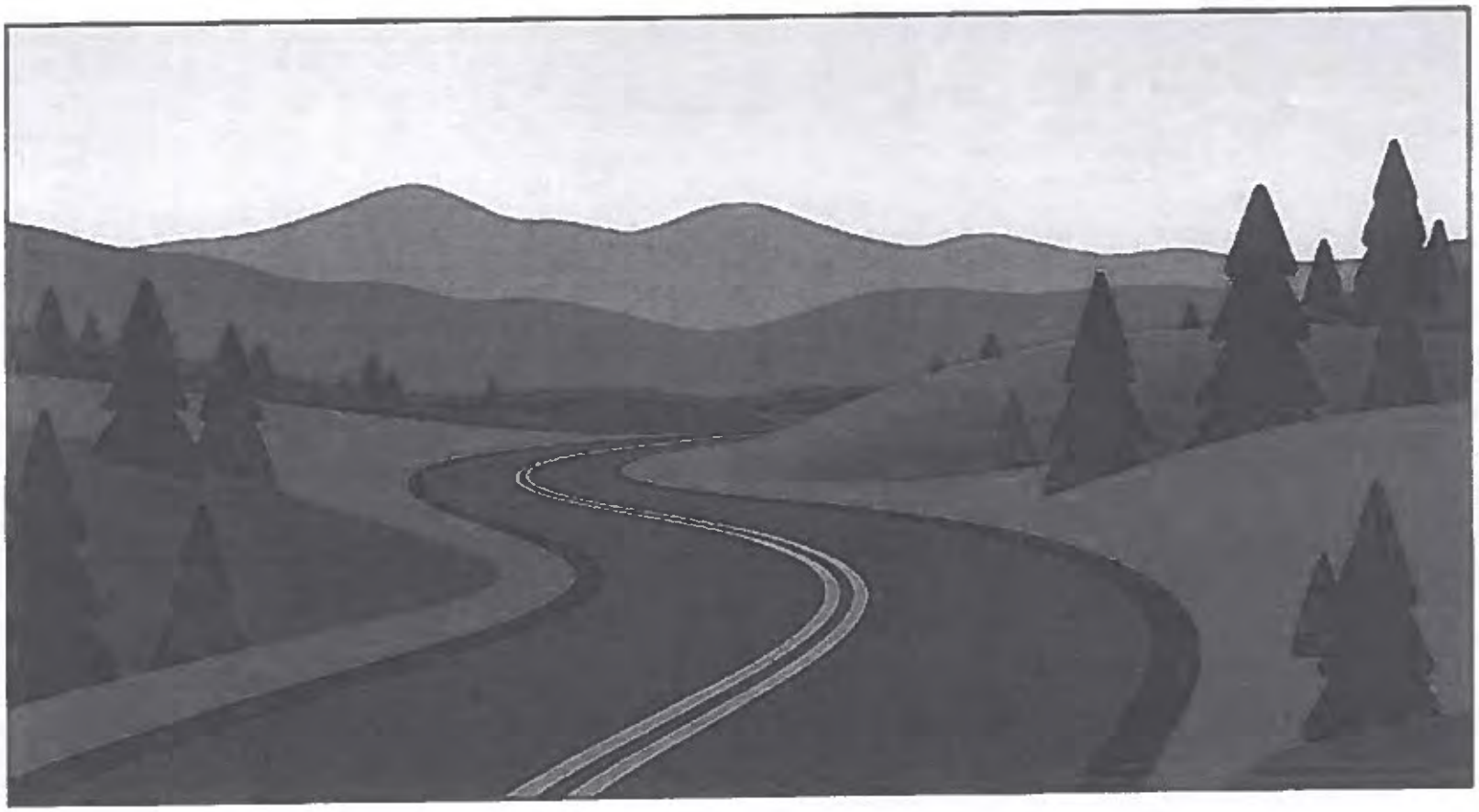
- Municipalities/State Agencies are adopting GIS-based tech at a rapid rate to enhance decision-making & improve efficiency

- Pavement Preservation as a focus aligns with the growing environmental/sustainability initiatives that could impact municipal funding

- Innovations in scanning technologies deliver faster pavement assessments that are unbiased and create a consistent & repeatable product



GIS-based pavement management software is competitive from a data collection standpoint; however, the gap exists in the market for a comprehensive pavement service team/product that can combine data with real world application for decision making and recommendations backed by engineers.



THANK YOU FOR YOUR TIME.

Date: November 13, 2025

Tighe&Bond

3220190035
November 25, 2025

Mr. Gary Schneider
Director of Public Works
Town of Waterford
1000 Hartford Turnpike
Waterford, CT 06385

Re: **Pavement Management Services: Pavement Condition & Sidewalk Inspections**

Dear Mr. Schneider:

As requested, Tighe & Bond is pleased to submit this Scope of Services and Fee Proposal to conduct a pavement condition assessment for the Town of Waterford's locally maintained roadway network. Tighe & Bond will assist the Town in updating its current pavement dataset to reflect current conditions of roads, as well as provide support services in the prioritization of roadway maintenance year-to-year. This project will also include a component for scans of both state and local sidewalks to establish a condition index for use by public works with annual prioritized work.

Project Understanding

The Town of Waterford (Town) desires to conduct an updated pavement condition assessment on approximately 121 miles of Town Accepted paved roadways to reflect current roadway conditions utilizing ESRI-based tools. It is our understanding that the Town is seeking to develop an updated Pavement Management Program (PMP) database to reflect current pavement conditions and establish a new baseline. Tighe & Bond will utilize automated field collection technology to generate the pavement condition data for analysis and leverage the Town's existing pavement database for future capital improvement planning (CIP) efforts. The final dataset will be contained within an ESRI ArcGIS Online (AGOL) platform to allow end-user access for viewing and data analysis. In addition to pavement, the Town is also seeking to establish an inventory and condition of its approximate 33 miles of state and town-maintained sidewalks. This will provide support in the annual planning for maintenance and upgrades to sections of sidewalk throughout the Town.

Scope of Services

Task 1 – Project Kickoff and Database Setup

Prior to initiating any field work, Tighe & Bond will hold a kickoff meeting with the Town (either in-person or virtual) to outline the Tasks presented in this scope of work.

The Town's existing GIS centerline file from the existing previous pavement management assessment can be converted into Tighe & Bond's database structure. This provides continuity for the Town regarding segmentation structure and leveraging existing data to expedite the database configuration. The centerline file will ultimately be housed within an ESRI geodatabase which will be later integrated into a GIS Experience Builder platform to be deployed to the Town. Each roadway is typically broken down into individual roadway limits to facilitate reporting and data analysis. Typically, road limits are based on intersecting street

locations but may also be broken out by mid-block paving limits, notable landmarks, severe changes in pavement distresses present, or other unique requests from the Town.

As part of this task, Tighe & Bond will confirm with DPW staff that all roadways maintained by the Town are coded appropriately within the database to be included in the inspection program. Additionally, Tighe & Bond staff will work with the Town to confirm, and if necessary, upload roadway improvement projects completed over the past 5 years into the program to allow for data analysis and performance measuring.

Task 2 – Pavement Condition Assessment

Tighe & Bond will utilize an automated LiDAR data collection methodology through its partner Cyvl.ai to execute the pavement condition assessment. A compact LiDAR sensor will be mounted to the rooftop of a motor vehicle that generates a point cloud of each road segment as it is driven. Upon completion of the field survey, both forward facing and 360-degree imagery will be extracted at 10' to 20' intervals and geolocated as point files within ESRI software. The corresponding point cloud and imagery will then be evaluated utilizing artificial intelligence and machine learning technology to identify pavement distresses, such as longitudinal and alligator cracking, patching, seals and potholes. Upon completion of the data post-processing, an industry standard 0-100 Pavement Condition Index (PCI) (worst to best) will be established for each roadway segment with a corresponding hyperlinked photograph attached.

Task 3 – Quality Control, Data Analysis and Deliverables

To ensure the quality of the data deliverable, Tighe & Bond will have staff with substantial experience in Pavement Management and PCI calculation conduct thorough quality control (QC) of the final dataset. This process will include a review of the pavement condition and imagery captured in conjunction with an analysis of recently completed roadway improvements. Tighe & Bond will also conduct a comparison of the current findings to the previous PCI condition data. Any modifications will be documented and can be presented to the Town in Excel format if requested.

Once the dataset is finalized, each individual road limit will be assigned a "repair classification" utilizing the assigned PCI and corresponding range. This assignment acts as a general benchmark to indicate repair treatment options based on each road segments current condition in the traditional roadway life cycle. Additionally, a composite PCI value will be calculated for each roadway in its entirety from beginning to ending limit based on total pavement area. Finally, a federal standard cost benefit value (CBV) index will be assigned to each individual road limit and composite roadway to be utilized as a metric for assisting in the development of a capital improvement plan and roadway prioritization.

To facilitate an updated condition baseline, each road limit and composite roadway will be categorized based on the following repair classifications to facilitate reporting and data analysis:

Repair Classification	PCI Range
No Immediate Action (Monitor)	90-100
Minor Maintenance	80-90
Surface Treatment	65-80
Rehabilitation	40-65
Structural Improvement	0-40

**Repair Classifications, unit pricing, and PCI banding ranges can be customized based on the Town's preference. Specific repair treatments will be assigned to each repair classification based on input from the Town.*

The Town will receive the following deliverables in "Draft" format for review and comment before finalization of the data and its associated reports:

- **Summary of Pavement Condition Assessment/Findings**
- **Analysis Specific Pavement/Roadway Report** (i.e.: Worst-to-Best, Cost Benefit Value, Alphabetical, etc.)
- **Associated GIS Figures** (i.e.: Current PCI, Roadway Improvement Tracking, etc.)
- **AGOL-Based Experience Builder Platform** (Data viewing, interaction, and editing)

Upon review and confirmation of any custom requests or edits from the draft deliverables by the Town, Tighe & Bond will configure an ArcGIS Online based application enabling the Town to view relevant inspections/pavement and associated photos with each segment. Tighe & Bond currently manages the Town's ArcGIS Online organization and GIS applications. Under this agreement, data and applications configured for this project will be incorporated into the Town's existing GIS structure and ArcGIS Online organization. Tighe & Bond can work with the Town to customize specific web applications, key performance indicators and graphics to allow the Town to maintain and update the pavement database accordingly. Functionality includes updating PCI scores, tracking roadway improvements, and development/adjustments to multi-year CIPs.

Tighe & Bond will provide final deliverables in electronic and/or hard copy format based on the Town's preference.

Task 4 – Capital Planning & Support Services

Tighe & Bond understands the challenges faced by all municipalities when reviewing annual budgets and how to best maximize them for roadway infrastructure improvements. This task will provide support to the Town by focusing efforts on roadway prioritization utilizing a combination of data-driven solutions and local institutional knowledge. Tighe & Bond will support the Town to prioritize annual roadway improvement projects based on a review of relevant pricing, Town-preferred treatment strategies, and available funding. The CBV analysis conducted by Tighe & Bond will serve as the main reference for roadway selection and potential grouping of improvement projects in conjunction with geographic proximity. The Town will ultimately make all final decisions for roadways included in a developed plan, but Tighe & Bond will provide the foundation for the layout of a CIP.

Per the development of prioritized plan, Tighe & Bond can provide further support to the Town by confirming treatment strategies for any of the roads included in each year's plan. This can be conducted by field visits and typically impact roadways being considered for preservation type treatments.

It is understood that priorities change over time and outside variables can influence the year-to-year spending of the Town. In any case, Tighe & Bond will support the Town with updates to the CIP as requested.

- **Development of multi-year CIP**
- **Updates to Datasets based on improvements completed year-to-year**
- **Updated Deliverables (i.e. – Maps, Reports, AGOL Experience Builder)**
- **Updates to the CIP**
- **PCI Forecasting & Data Analytics**
- **Public Presentation if requested**

**This task assumes up to 40 hours of support services upon request throughout the duration of this agreement.*

Task 5 (Optional) – Additional Asset Management Inventories

Other roadside assets (signs, pavement markings, curbing, guiderails, street trees, catch basins, manholes, hydrants, utility poles, etc.) can be collected for integration into the GIS-based online platform. The full list of roadside assets can be provided upon request. The Task 5 budget below is adequate for any two roadside assets. If the Town is interested in more than two assets, we can adjust the fee accordingly through a contract amendment.

Based on previous conversations between Tighe & Bond and the Town, we understand the Town has layers that exist already for catch basins, manholes, and streetlights which can be integrated within the ArcGIS online platform. Any two roadside assets that the Town chooses to have extracted can be used by Tighe & Bond to support initiatives for future asset inventory efforts. As part of this optional task the data to be extracted will be a raw dataset with limited attribute information but sets the foundation for future inspections. This optional task is identified as a separate cost in the fee section of this proposal.

**Please Note: The Town will always have the ability to request supplementary roadside assets for an additional fee at a later date if so desired. However, that request will not be included as part of this scope and the fee for the additional assets at a later date is subject to increase based on Tighe & Bond's agreement with Cyvl.ai.*

Task 6 (Optional) – Sidewalk Inventory & Inspection Program

Per our conversations with the Town it was acknowledged that the Town is interested in developing a GIS feature layer specific to sidewalks and curb ramps to be integrated into the ArcGIS Online platform. As part of this task, Tighe & Bond can conduct a similar LiDAR scan approach of all 33 centerline miles of sidewalk (includes both state & town-maintained sidewalks) that exists throughout the road network. We understand the Town must maintain these assets and is trying to develop a condition inspection that can be leveraged for prioritized planning efforts year-to-year.

Tighe & Bond will conduct field assessments jointly with its partner Cyvl of the Town's maintained sidewalk network which will be assessed separately from the pavement inspections, utilizing a pushcart sensor rig. Walking each sidewalk segment individually allows for sidewalk distresses to be clearly identified, thus avoiding any potential conflicts with obstructions such as on-street parking if the sidewalk assessment were to be conducted solely through the pavement scan.

Similar to the pavement evaluation, each distress is mapped as a point with its assigned severity and a linked image. These observations are used to generate condition scores every 10 feet, along with an average score across each intersection-to-intersection segment. The scoring system is customizable to Waterford's needs and defaults to a 1–5 scale. Cyvl will conduct its own internal review before providing the raw data deliverables to Tighe & Bond in ESRI geodatabase format.

Raw Data Deliverables will include:

- A point layer of sidewalk distresses with severity ratings and imagery
- A point file for each ramp noting features such as truncated domes
- 10-foot scoring file detailed condition ratings
- A segment-to-segment scoring file that includes slope, material, and type for each sidewalk

Upon receiving the raw data deliverables from Cyvl, Tighe & Bond will leverage this data to perform a quality control review to verify the accuracy of the datasets. The corresponding data deliverables are to be tied to the Town's existing sidewalk database so there is consistency within the sidewalk limits and existing database schema. Tighe & Bond will review Cyvl's 1-5 scoring matrix to confirm current conditions and present distresses for each sidewalk segment to facilitate deliverables and capital planning efforts.

Tighe & Bond will work with the Town to establish appropriate repair categories and unit pricing based on sidewalk material and conditions accordingly to establish a backlog of findings and to present the findings accordingly (similar to pavements).

Upon review and confirmation of any custom requests or edits from the draft deliverables by the Town, Tighe & Bond will configure the ArcGIS Online platform that stores the pavement data to also include the relevant inspection/sidewalk datasets. This platform provides the ability for the Town to view relevant inspection data and images associated with each sidewalk segment inspected. Tighe & Bond will work with the Town to tailor the platform as needed to generate custom analyses, interfaces and key performance indicators (KPIs) upon request. Additionally, as part of this task, Tighe & Bond will receive a separate curb ramp inventory layer from Cyvl.ai. Tighe & Bond will work with the Town to integrate this dataset into the same platform for use by the Town in planning efforts.

Tighe & Bond and Cyvl both recognize the challenge Waterford is currently facing regarding compliance. Our partnership to collect, present, and manage frequent and accurate data will help the Town to identify repair priorities and promote better planning coordination. This in turn aids the Town to meet annual targets regarding ADA improvements.

Schedule

Tighe & Bond will begin work immediately upon receiving an executed agreement from the Town. **Field observations will be conducted in Winter/Spring of 2026 to facilitate all deliverables based on the client's preference.** Tighe & Bond will provide support services through December 31, 2026.

Fee

The fee schedule listed below is based on the above scope of work and current assumptions. The schedule includes reasonable allowances for review and approval times by applicable parties. This schedule may need to be adjusted as the project progresses, allowing for changes in scope, character or size of the project requested, or for delays or other causes beyond our reasonable control. In the event that the scope of work is increased for any reason, the limiting fee to complete the work shall be mutually revised by written amendment.

Tighe & Bond will perform services described in Task 1 through 4 for a lump sum fee of **$40,000**, invoiced monthly based on percentage complete. If the Town would like to include Task 5 and 6 services, check the box below and the total fee will be adjusted accordingly to the two optional tasks selected. The overall fee for all work included in this scope is **$80,000**.

Tasks 1 through 4: Pavement Data + 360-Imagery **- $40,000**

☐ **Task 5 (Optional):** Addition of two roadside assets **- $11,000**

☐ **Task 6 (Optional):** Sidewalk Inventory & Inspection Program **- $29,000**

Assumptions and Exclusions

- This contract is valid through December 31, 2026
- Tighe & Bond assumes that all previous existing pavement management data for use in this contract will be provided by the Town to Tighe & Bond.
- Nothing contained in this Agreement shall obligate Tighe & Bond to prepare for or appear in arbitration or litigation on behalf of the Town or to undertake additional work on matters not included in this Agreement, except in consideration of additional compensation mutually agreed upon.
- Automated Inspection Software is priced at a pro-rated rate through Cyvl.ai's auto renewal option. To opt out of auto renewal scanning program, the Town must provide a termination request (email) sixty (60) days prior to the end of the current term (August 30, 2026). Tighe & Bond will support the Town in tracking the termination deadline and provide language to be sent to Cyvl.ai upon the Town's opt-out request for multi-year scanning.
- Our attached Terms and Conditions is part of this letter agreement.

We appreciate this opportunity to continue to work with the Town of Waterford and are looking forward to getting underway with this project. If you have any questions regarding the Agreement, Scope of Services, or require additional information, please call us immediately.

Sincerely,

TIGHE & BOND, INC.

William P. Mertz, PE
Senior Vice President

Joseph McGuire
Project Manager

ACCEPTANCE:

On behalf of the Town of Waterford, the scope, fee, and terms are hereby accepted.

_____ Date: _____
Gary Schneider, Director of Public Works

Enclosures: Terms and Conditions – Rev 04-2020

"CLIENT" is defined in the acceptance line of the accompanying proposal letter or the name the proposal is issued to; Tighe & Bond, Inc. is hereby referenced as "CONSULTANT"; "PROJECT" is defined in the accompanying proposal letter

1. SCHEDULE OF PAYMENTS

1.1 Invoices will generally be submitted once a month for services performed during the previous month. Payment will be due within 30 days of invoice date. Monthly payments to CONSULTANT shall be made on the basis of invoices submitted by CONSULTANT and approved by CLIENT. If requested by CLIENT, monthly invoices may be supplemented with such supporting data as reasonably requested to substantiate them.

1.2 In the event of a disagreement as to billing, the CLIENT shall pay the agreed portion.

1.3 Interest will be added to accounts in arrears at the rate of one and one-half (1.5) percent per month (18 percent per annum) or the maximum rate allowed by law, whichever is less, of the outstanding balance. In the event counsel is retained to obtain payment of an outstanding balance, CLIENT will reimburse CONSULTANT for all reasonable attorney's fees and court costs.

1.4 If CLIENT fails to make payment in full within 30 days of the date due for any undisputed billing, CONSULTANT may, after giving seven days' written notice to CLIENT, suspend services and retain work product until paid in full, including interest. In the event of suspension of services, CONSULTANT will have no liability to CLIENT for delays or damages caused by such suspension.

2. SUCCESSORS AND ASSIGNS

2.1 CLIENT and CONSULTANT each binds itself, its partners, successors, assigns and legal representatives to the other parties to this Agreement and to the partners, successors, assigns and legal representatives of such other parties with respect to all covenants of this Agreement. CONSULTANT shall not assign, sublet or transfer its interest in this Agreement without the written consent of CLIENT, which consent shall not be unreasonably withheld.

2.2 This Agreement represents the entire and integrated Agreement between CLIENT and CONSULTANT and supersedes all prior negotiations, representations or Agreements, whether written or oral. This Agreement may be amended only by written instrument signed by both CLIENT and CONSULTANT. References to this agreement include these Terms & Conditions, any accompanying proposal or description of services, as well as any other documents referenced or incorporated therein. In the event one or more provisions of any of the foregoing documents conflict with the provisions of these Terms & Conditions, the provisions of these Terms & Conditions shall control.

2.3 Nothing contained in this Agreement shall create a contractual relationship or cause of action in favor of a third party against CLIENT or against CONSULTANT.

3. STANDARD OF CARE

3.1 In providing services, CONSULTANT will use that degree of care and skill ordinarily exercised under similar circumstances by individuals providing such services in the same or similar locality for similar projects.

4. TERMINATION

4.1 This Agreement may be terminated by either party upon seven days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party. In addition, CLIENT may terminate this Agreement for its convenience at any time by giving written notice to CONSULTANT. In the event of any termination, CLIENT will pay CONSULTANT for all services rendered and reimbursable expenses incurred under the Agreement to the date of termination and all services and expenses related to the orderly termination of this Agreement.

5. RECORD RETENTION

5.1 CONSULTANT will retain pertinent records relating to the services performed for the time required by law, during which period the records will be made available upon reasonable request and upon reimbursement for any applicable retrieval/copying charges.

5.2 Samples - All soil, rock and water samples will be discarded 30 days after submission of CONSULTANT's report, unless mutually agreed otherwise or unless CONSULTANT's customary practice is to retain for a longer period of time for the specific type of services which CONSULTANT has agreed to perform. Upon request and mutual agreement regarding applicable charges, CONSULTANT will ship, deliver and/or store samples for CLIENT.

6. OWNERSHIP OF DOCUMENTS

6.1 All reports, drawings, specifications, computer files, field data, notes, and other documents, whether in paper or electronic format or otherwise ("documents"), are instruments of service and shall remain the property of CONSULTANT, which shall retain all common law, statutory and other reserved rights including, without limitation, the copyright thereto. CLIENT's payment to CONSULTANT of the compensation set forth in the Agreement shall be a condition precedent to the CLIENT's right to use documents prepared by CONSULTANT.

6.2 Documents provided by CONSULTANT are not intended or represented to be suitable for reuse by CLIENT or others on any extension or modification of this PROJECT or for any other projects or sites. Documents provided by CONSULTANT on this PROJECT shall not, in whole or in part, be disseminated or conveyed to any other party, nor used by any other party, other than regulatory agencies, without the prior written consent of CONSULTANT. Reuse of documents by CLIENT or others on extensions or modifications of this project or on other sites or use by others on this PROJECT, without CONSULTANT's written permission and mutual agreement as to scope of use and as to compensation, if applicable, shall be at the user's sole risk, without liability on CONSULTANT's part, and CLIENT agrees to indemnify and hold CONSULTANT harmless from all claims, damages, and expenses, including attorney's fees, arising out of such unauthorized use or reuse.

6.3 Electronic Documents - CONSULTANT cannot guarantee the authenticity, integrity or completeness of data files supplied in electronic writeable format. If CONSULTANT provides documents in writeable electronic format for CLIENT's convenience, CLIENT agrees to waive any and all claims against CONSULTANT resulting in any way from the unauthorized use, alteration, misuse or reuse of the electronic documents, and to defend, indemnify, and hold CONSULTANT harmless from any claims, losses, damages, or costs, including attorney's fees, arising out of the unauthorized use, alteration, misuse or reuse of any electronic documents provided to CLIENT.

6.4 Electronic Data Bases – In the event that CONSULTANT prepares electronic data bases, geographical information system (GIS) deliverables, or similar electronic documents, it is acknowledged by CLIENT and CONSULTANT that such PROJECT deliverables will be used and perhaps modified by CLIENT and that CONSULTANT's obligations are limited to the deliverables and not to any subsequent modifications thereof. Once CLIENT accepts the delivery of maps, databases, or similar documents developed by CONSULTANT, ownership is passed to CLIENT. CONSULTANT will retain the right to use the developed data and will archive the data for a period of three years from the date of PROJECT completion.

7. INSURANCE

7.1 CONSULTANT will retain Workmen's Compensation Insurance, Professional Liability Insurance with respect to liabilities arising from negligent errors and omissions, Commercial General Liability Insurance, Excess Liability, Unmanned Aircraft, Cyber Liability, and Automobile Liability during this PROJECT. CONSULTANT will furnish certificates at CLIENT's request.

7.2 Risk Allocation - To the fullest extent permitted by law, and not withstanding any other provision of this Agreement, the total liability, in the aggregate, of the CONSULTANT to the CLIENT and anyone claiming by or through the CLIENT, for any and all claims, losses, costs or damage, of any nature whatsoever, the liability of CONSULTANT to all claimants with respect to this PROJECT will be limited to an aggregate sum not to exceed $100,000 or CONSULTANT's compensation for consulting services, whichever is greater. It is intended that this limitation apply to any and all liability or cause of action however alleged or arising, unless otherwise prohibited by law.

7.3 Damages – Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither CLIENT nor CONSULTANT, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the PROJECT or to this Agreement. This mutual waiver of certain damages shall include, but is not limited to, loss of use, loss of profit, loss of business, loss of income, loss of reputation and any other consequential damages that may be incurred from any cause of action including negligence, strict liability, breach of contract and breach of strict or implied warranty. Both CLIENT and CONSULTANT shall require similar waivers of consequential damages protecting all the entities or persons named herein in all contracts and subcontracts with others involved in this PROJECT.

7.4 CLIENT agrees that any and all limitations of CONSULTANT's liability or waivers of damages by CLIENT to CONSULTANT shall include and extend to those individuals and entities CONSULTANT retains for performance of the services under this Agreement, including but not limited to CONSULTANT's officers, partners, and employees and their heirs and assigns, as well as CONSULTANT's subconsultants and their officers, employees, and heirs and assigns.

8. DISPUTE RESOLUTION

8.1 In the event of a disagreement arising out of or relating to this Agreement or the services provided hereunder, CLIENT and CONSULTANT agree to attempt to resolve any such disagreement through direct negotiations between senior, authorized representatives of each party. If any disagreement is not resolved by such direct negotiations, CLIENT and CONSULTANT further agree to consider using mutually acceptable non-binding mediation service in order to resolve any disagreement prior to proceeding to litigation.

9. SITE ACCESS

9.1 Right of Entry - Unless otherwise agreed, CLIENT will furnish right-of-entry on the land for CONSULTANT to make any surveys, borings, explorations, tests or similar field investigations. CONSULTANT will take reasonable precautions to limit damage to the land from use of equipment, but the cost for restoration of any damage that may result from such field investigations is not included in the agreed compensation for CONSULTANT. If restoration of the land is required greater than those included in the scope of work, upon mutual agreement this may be accomplished as a reimbursable additional service at cost plus ten percent.

9.2 Damage to Underground Structures - Reasonable care will be exercised in locating underground structures in the vicinity of proposed subsurface explorations. This may include contact with the local agency coordinating subsurface utility information and/or a review of plans provided by CLIENT or CLIENT representatives for the site to be investigated. CONSULTANT shall be entitled to rely upon any information or plans prepared or made available by others. In the absence of physically confirmed underground structure locations, CLIENT agrees to accept the risk of damage and costs associated with repair and restoration of damage resulting from the exploration work.

10. OIL AND HAZARDOUS MATERIALS

10.1 If, at any time, evidence of the existence or possible existence of asbestos, oil, or other hazardous materials or substances is discovered, outside of any agreed scope of work or greater than those anticipated in any agreed scope of work, CONSULTANT reserves the right to renegotiate the fees for CONSULTANT's services and CONSULTANT's continued involvement in the PROJECT. CONSULTANT will notify CLIENT as soon as practical if evidence of the existence or possible existence of such hazardous materials or substances is discovered.

10.2 The discovery of the existence or possible existence of hazardous materials or substances, outside or greater than any proposed in the agreed scope of work, may make it necessary for CONSULTANT to take accelerated action to protect human health and safety, and/or the environment. CLIENT agrees to compensate CONSULTANT for the cost of any and all measures that in its professional opinion are appropriate to preserve and/or protect the health and safety of the public, the environment, and/or CONSULTANT's personnel. To the full extent permitted by law, CLIENT waives any claims against CONSULTANT and agrees to indemnify, defend and hold harmless CONSULTANT from any and all claims, losses, damages, liability, and costs, including but not limited to cost of defense, arising out of or in any way connected with the existence or possible existence of such hazardous materials substances at the site.

11. SITE INVESTIGATIONS

11.1 In soils, groundwater, soil gas, indoor air, or other investigations, conditions may vary between successive test points and sample intervals and for locations at or between where observations, exploration, and investigations have been made. Because of the variability of conditions and the inherent uncertainties in such evaluations, explorations, or investigations, changed or unanticipated conditions may occur that may affect overall PROJECT costs and/or execution. These variable conditions and related impacts on cost and PROJECT execution are not the responsibility of CONSULTANT.

11.2 CLIENT recognizes that special risks occur whenever engineering or related disciplines are applied to provide

information regarding subsurface conditions. Even an agreed sampling and testing program, implemented with appropriate equipment and personnel with the assistance of a trained professional performing in accordance with the applicable professional standard of care, may provide data or information which differs significantly from that discovered or encountered subsequently. Environmental, geological, and geotechnical conditions, that CONSULTANT may infer to exist between sampling points may differ significantly from those discovered or encountered subsequently. The passage of time also should be considered, and CLIENT recognizes that due to natural occurrences or direct, or indirect human intervention at or near the site, actual conditions may quickly change. CONSULTANT shall not be responsible for the identification of emerging contaminants for which no current regulatory provisions exists nor shall CONSULTANT be held liable for not identifying or discussing these compounds even if those compounds are detected at a later date. CLIENT realizes that these risks cannot be eliminated. The services included in this agreement are those agreed to, or selected, consistent with CLIENT's risk preferences and other considerations including cost and schedule.

11.3 By authorizing CONSULTANT to proceed with the site investigation services, CLIENT confirms that CONSULTANT has not created nor contributed to the presence of any existing hazardous substances or conditions at or near the site. CLIENT recognizes that there is an inherent risk in drilling, borings, punching or driving probes, excavating trenches or implementing other methods of subsurface exploration at or near a site contaminated by hazardous materials. Further, CLIENT recognizes that these are inherent even through the exercise of the Standard of Care. CLIENT accepts the risk and agrees to defend, indemnify, and hold CONSULTANT and each of CONSULTANT's subcontractors, consultants, officers, directors, and employees harmless against and all claims for damages, costs, or expenses direct or consequential, in connection with a release of hazardous substances, except to the extent that such claims, damages, or losses are adjudicated to have resulted from CONSULTANT's gross negligence or willful misconduct in the performance of the services.

12. FEDERAL AND STATE REGULATORY AGENCY AUDITS

12.1 For certain services rendered by CONSULTANT, documents filed with federal and state regulatory agencies may be audited after the date of filing. In the event that CLIENT's PROJECT is selected for an audit, CLIENT agrees to compensate CONSULTANT for time spent preparing for and complying with an agency request for information or interviews in conjunction with such audit. CLIENT will be notified at the time of any such request by an agency, and CONSULTANT will invoice CLIENT based on its standard billing rates in effect at the time of the audit.

13. CLIENT's RESPONSIBILITIES

13.1 Unless otherwise stated in the Agreement, CLIENT will obtain, arrange, and pay for all notices, permits, and licenses required by local, state, or federal authorities; and CLIENT will make available the land, easements, rights-of-way, and access necessary for CONSULTANT's services or PROJECT implementation.

13.2 CLIENT will examine CONSULTANT's studies, reports, sketches, drawings, specifications, proposals, and other documents and communicate promptly to CONSULTANT in the event of disagreement regarding the contents of any of the foregoing. CLIENT, at its own cost, will obtain advice of an attorney, insurance counselor, accountant, auditor, bond and financial advisors, and other consultants as CLIENT deems appropriate; and render in writing decisions required by CLIENT in a timely manner.

14. OPINIONS OF COST, FINANCIAL ANALYSES, ECONOMIC FEASIBILITY PROJECTIONS, AND SCHEDULES

14.1 CONSULTANT has no control over cost or price of labor and materials required to implement CLIENT's PROJECT, unknown or latent conditions of existing equipment or structures that may affect operation or maintenance costs, competitive bidding procedures and market conditions, time or quality of performance by operating personnel or third parties, and other economic and operational factors that may materially affect the ultimate PROJECT cost or schedule. Therefore, CONSULTANT makes no warranty, expressed or implied, that CLIENT's actual PROJECT costs, financial aspects, economic feasibility, or schedules will not vary from any opinions, analyses, projections, or estimates which may be provided by CONSULTANT. If CLIENT wishes additional information as to any element of PROJECT cost, feasibility, or schedule, CLIENT at its own cost will employ an independent cost estimator, contractor, or other appropriate advisor.

15. CONSTRUCTION PHASE PROVISIONS

The following provisions shall be applicable should the CONSULTANT be retained to provide Construction Phase Services in connection with the PROJECT:

15.1 CLIENT and Contractor - The presence of CONSULTANT's personnel at a construction site, whether as onsite representatives or otherwise, does not make CONSULTANT or CONSULTANT's personnel in any way responsible for the obligations, duties, and responsibilities of the CLIENT and/or the construction contractors or other entities, and does not relieve the construction contractors or any other entity of their respective obligations, duties, and responsibilities, including, but not limited to, all construction methods, means, techniques, sequences, and procedures necessary for coordinating and completing all portions of the construction work in accordance with the construction contract documents and for providing and/or enforcing all health and safety precautions required for such construction work.

15.2 Contractor Control - CONSULTANT and CONSULTANT's personnel have no authority or obligation to monitor, to inspect, to supervise, or to exercise any control over any construction contractor or other entity or their employees in connection with their work or the health and safety precautions for the construction work and have no duty for inspecting, noting, observing, correcting, or reporting on health or safety deficiencies of the construction contractor(s) or other entity or any other persons at the site except CONSULTANT's own personnel.

15.3 On-site Responsibility - The presence of CONSULTANT's personnel at a construction site is for the purpose of providing to CLIENT an increased degree of confidence that the completed construction work will conform generally to the construction documents and that the design concept as reflected in the construction documents generally has been implemented and preserved by the construction contractor(s). CONSULTANT neither guarantees the performance of the construction contractor(s) nor assumes responsibility for construction contractor's failure to perform work in accordance with the construction documents.

15.4 Payment Recommendations - Recommendations by CONSULTANT to CLIENT for periodic construction progress payments to the construction contractor(s) are based on CONSULTANT's knowledge, information, and belief from selective observation that the work has progressed to the point indicated. Such recommendations do not represent that

continuous or detailed examinations have been made by CONSULTANT to ascertain that the construction contractor(s) have completed the work in exact accordance with the construction documents; that the final work will be acceptable in all respects; that CONSULTANT has made an examination to ascertain how or for what purpose the construction contractor(s) have used the moneys paid; that title to any of the work, materials, or equipment has passed to CLIENT free and clear of liens, claims, security interests, or encumbrances; or that there are no other matters at issue between CLIENT and the construction contractors that affect the amount that should be paid.

15.5 Record Drawings - Record drawings, if required as part of CONSULTANT's agreed scope of work, will be prepared, in part, on the basis of information compiled and furnished by others, and may not always represent the exact location, type of various components, or exact manner in which the PROJECT was finally constructed. CONSULTANT is not responsible for any errors or omissions in the information from others that are incorporated into the record drawings.

16. DESIGN WITHOUT CONSTRUCTION PHASE SERVICES

The following provisions shall be applicable should the CONSULTANT be retained to provide design services but not be retained to provide Construction Phase Services in connection with the PROJECT:

16.1 It is understood and agreed that the CONSULTANT's Scope of Services under this proposal does not include project observation or review of the Contractor's performance or any other construction phase services, and that such services will be provided by the CLIENT or others. The CLIENT assumes all responsibility for interpretation of the Contract Documents and for construction observation, and the CLIENT waives any claims against the CONSULTANT that may be in any way connected thereto.

16.2 In addition, the CLIENT agrees, to the fullest extent permitted by law, to indemnify and hold harmless the CONSULTANT, its officers, directors, employees and subconsultants (collectively, CONSULTANT) against all damages, liabilities or costs, including reasonable attorney's fees and defense costs, arising out of or in any way connected with the performance of such services by other persons or entities and from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to the Contract Documents to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct of the CONSULTANT.

17. SCHEDULE

17.1 The CLIENT agrees that the CONSULTANT is not responsible for damages arising directly or indirectly from any delays for causes beyond the CONSULTANT's reasonable control. For purposes of this Agreement, such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions or other natural disasters, pandemics, or acts of God; fires, riots, war or other emergencies; failure of any government agency to act in timely manner; failure of performance by the CLIENT or the CLIENT's contractors or consultants.

17.2 The CONSULTANT's schedule includes reasonable allowances for review and approval times required by the CLIENT, performance of services by the CLIENT's consultants, and review and approval times required by public authorities having jurisdiction over the PROJECT. This schedule shall be equitably adjusted as the PROJECT progresses, allowing for changes in scope, character or size of the PROJECT requested by the Client, or for delays or other causes beyond the Consultant's reasonable control.

18. MISCELLANEOUS TERMS

18.1 GOVERNING LAW - The CLIENT and the CONSULTANT agree that this Agreement and any legal actions concerning its validity, interpretation and performance shall be governed by the laws of the jurisdiction where the PROJECT is located, without regard to any conflict of laws provisions, which may apply the laws of other jurisdictions.

18.2 LENDERS' REQUIREMENTS- The CONSULTANT shall not be required to execute any documents subsequent to the signing of this Agreement that in any way might, in the sole judgment of the CONSULTANT, increase the CONSULTANT's contractual or legal obligations or risks, or adversely affect the availability or cost of its professional or general liability insurance.

18.3 CORPORATE PROTECTION - Notwithstanding anything to the contrary contained herein, the CLIENT agrees that as the CLIENT's sole and exclusive remedy, any claim, demand or suit shall be directed and/or asserted only against the CONSULTANT, a Massachusetts corporation, and not against any of the CONSULTANT's individual employees, officers or directors.

18.4 TITLES - The section headings used in this Agreement are intended principally for convenience and shall not be used in interpreting this Agreement or in determining any of the rights or obligations of the parties to this Agreement.

18.5 Upon execution, these terms as incorporated into the accompanying proposal represent the final intent of the parties. Any modification, rescission, or waivers of these terms shall only be effective and binding if agreed to in writing by the parties.

FIFTEEN ROPE FERRY ROAD WATERFORD, CT 06385-2886

INTER-OFFICE CORRESPONDENCE

DATE: 11/18/2025

TO: Gary Schneider, Director of Public Works

FROM: Garon VanOverloop, Lead Fleet Mechanic

RE: FY27 Budget Request

For the FY27 budget year I am proposing the following.

1. $5,000 maintenance shop tool, repair and replacement line, continuance.
2. $1,540.67 Suspension strut spring compressor.
3. $18,631.61 for a replacement roll off dumpster. The current one is out of service and beyond repair

Garon VanOverloop

Garon VanOverloop
Lead Fleet Mechanic

O'Reilly AUTO PARTS
DEDICATED TO THE PROFESSIONAL

waterford public works

waterford public works
1000 Hartford Road
Waterford, CT 06385
Phone # 860-444-5964

Created By: pwshop99
Created: 11/18, 2:55 PM
Modified By: pwshop99
Modified: 11/18, 2:55 PM

Quote

Parts & Supplies

Item	Availability	Price	Qty	Item Total
OTC 6637 OTC Strut Tamer II Extreme	☑ Order (1) In Network In Store By: Tomorrow at 7:30 AM If Ordered By: 5:25 PM	List: **$2,759.31** Cost: **$1,540.67**	1	List: **$2,759.31** Cost: **$1,540.67**

Quote Summary

Parts:	$1,540.67
Total:	$1,540.67

OTC

6637 & 6637-ST
SUSPENSION



STRUT TAMER II EXTREME

The 6637 Strut Tamer II Extreme sets a new standard in strength and safety for strut spring compressors.

- New forged locking jaws includes larger pads and offset to clamp onto and compress springs even tighter than before
- New extra thick 5/8" compression arms for superior strength, stability and safety.
- New locking trunions for optimal stability during spring compression.
- New Lock rings to hold arms in position - standard This eliminates arms from spreading or sliding when compressing offset or unique strut configurations. No tools needed to adjust.
- New Spring capacity of 2-1/2" – 10" diameter, 1-1/4" – 24" vertical stroke.
- Extreme duty design to handle the heavier springs found on mid- and some full-size truck strut assemblies

16-105

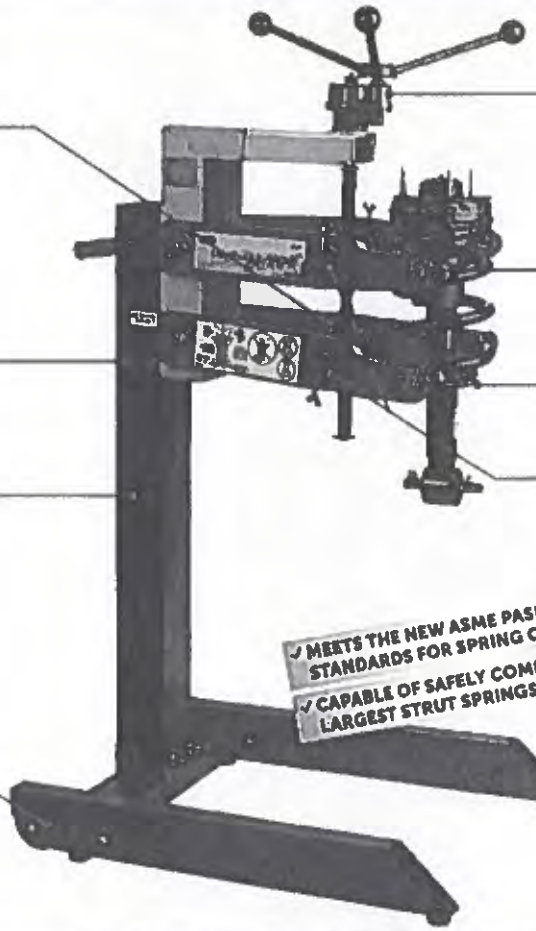
You Tube

otctools.com

QUESTIONS?
☎ 800 533 6127

OTC

6637 & 6637-ST SUSPENSION



Locking trunions increase stability during spring compression

2:1 reduction gearbox - standard Allows for a 2:1 torque compression increase when compressing struts.

New forged locking jaws include larger pads to clamp and compress springs tighter

Extra-thick 5/8" compression arms for strength, stability and safety

Spring capacity of 2-1/2" – 10" diameter, 1-1/4" – 24" vertical stroke

Stand with wheels for portability (OTC6637-ST only)

New arm-locking rings hold strong without needing tools to adjust

✓ MEETS THE NEW ASME PASE SAFETY STANDARDS FOR SPRING COMPRESSION

✓ CAPABLE OF SAFELY COMPRESSING THE LARGEST STRUT SPRINGS

During compression, the wheels lift off the floor, and four no-slip rubber pads keep the stand firmly in place

Note: 6637-ST, 6637 can be shipped UPS.



Strut assembly not included





No. 6637-ST
StrutTamer II Extreme
with stand Height 54" (1372 mm)
(36" without handle)
Width 22-1/2" (572 mm)
Depth 32" (813 mm)

No. 6637
StrutTamer II Extreme
Height 29" (736 mm)
Width 21" (533 mm)
Depth 20" (508 mm)

No. 6582
StrutTamer Stand
Height 44" (1118 mm)
Width 22-1/2" (572 mm)
Depth 32" (813 mm)

FIFTEEN ROPE FERRY ROAD

Town of Waterford

WATERFORD, CT 06385-2886

To: Gary Schneider, Director of Public Works

From: Thomas McKittrick, General Foreman

Date: November 21, 2025

Re: FY27 Budget Requests

1. Misc. Tool Purchases – This gives us the ability to replace broken small hand tools or upgrade the ones we have for a more current option. $4,000
2. Cut-N-Break Saw – This is the proper tool for cutting concrete curbing around a catch basin. This is a more efficient tool and is much safer for the employees. $2,675
3. 4-Cyle Rammer – This will allow the crew to get better compaction. This will replace an outdated and unrepairable piece of equipment that the Town has had for years. $2,849
4. Reversible Plate Compactor – The current compactor needs frequent repairs. This will help the crew to complete their work without interruption. $4,849
5. Rammer-Rack Storage System – The storage system allows the rammer to be transported without worry of damage. $ 525
6. 40' Container (reconditioned) – The current containers that we have, has holes in the doors which allow critters to get inside the container. This piece of equipment is where the Town holds items that are removed for evictions. $4,900
7. Roll Off Dumpster – The current container is rotted out. We use this to haul brush and other material. This will replace it so we don't risk leaving a trail of debris. $16,632

$ 4,000
$ 2,675
$ 2,849
$ 4,849
$ 525
$ 4,900
$16,632
$36,430

SUPERIOR NORWICH
251 WEST THAMES STREET
NORWICH, CT 06360
860-886-9997 Fax 860-886-9995

Quotation

QUOTE DATE	QUOTE NUMBER
07/22/25	S3500360

ORDER TO:	PAGE NO.
SUPERIOR NORWICH 251 WEST THAMES STREET NORWICH, CT 06360 860-886-9997 Fax 860-886-9995	1

QUOTE TO:
TOWN OF WATERFORD PUBLIC WORKS
15 ROPE FERRY ROAD
WATERFORD, CT 06385

SHIP TO:
TOWN OF WATERFORD PUBLIC WORKS
15 ROPE FERRY ROAD
WATERFORD, CT 06385

CUSTOMER ORDER NUMBER	JOB REFERENCE	SALESPERSON
QUOTE		JACOB CHESANEK

WRITER	SHIP VIA	TERMS	BID DATE
MICHAEL WALS	PICKUP	NET DUE 30 DAYS NSC	07/22/25

ORDER QTY	DESCRIPTION	UNIT PRICE	EXTENSION
1 ea	K760-CNB HUSQVARNA CUT-N-BREAK SAW W/ BLADES & BREAK TOOL (#967195701) TAXES NOT INCLUDED	2674.427ea	2674.43

Subtotal	2674.43
S&H CHGS	0.00
Amount Due	2674.43

THIS IS A QUOTATION. Applicable taxes are extra.
Prices are firm for 30 days. Prices are subject to change without notice after 30 days.
Items listed as "Market Price at time of Shipment" are not valid for 30 days.
Custom/fabricated and Special Order items are non-returnable without prior consent and agreement. Quantities of all items are the responsibility of the purchaser.

SUPERIOR NORWICH
251 WEST THAMES STREET
NORWICH, CT 06360
860-886-9997 Fax 860-886-9995

Quotation

QUOTE DATE	QUOTE NUMBER
06/09/25	S3483373

ORDER TO:	PAGE NO
SUPERIOR NORWICH 251 WEST THAMES STREET NORWICH, CT 06360 860-886-9997 Fax 860-886-9995	1

QUOTE TO:
TOWN OF WATERFORD PUBLIC WORKS
15 ROPE FERRY ROAD
WATERFORD, CT 06385

SHIP TO:
TOWN OF WATERFORD PUBLIC WORKS
15 ROPE FERRY ROAD
WATERFORD, CT 06385

CUSTOMER ORDER NUMBER	JOB REFERENCE	SALESPERSON
PRICE		JACOB CHESANEK

WRITER	SHIP VIA	TERMS	QUOTE DATE
THOMAS EDMON	PICKUP	NET DUE 30 DAYS NSC	06/09/25

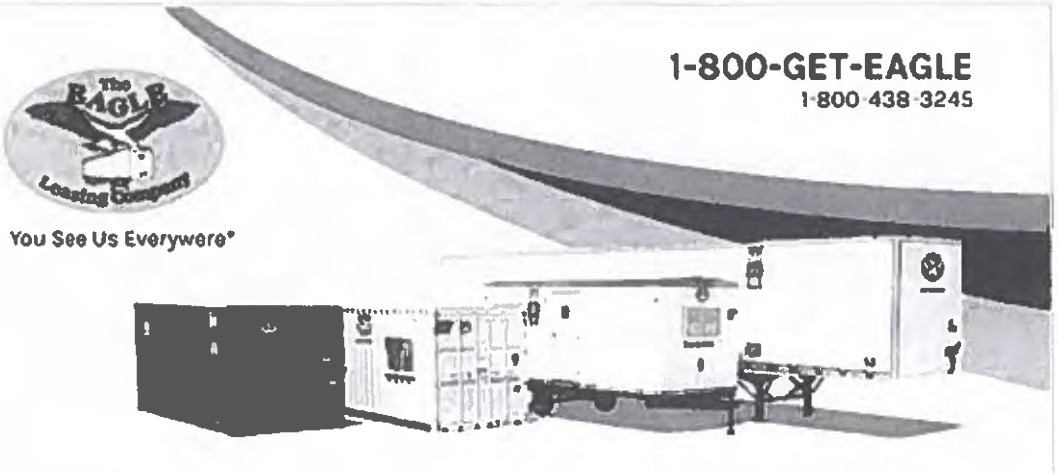
ORDER QTY	DESCRIPTION	UNIT PRICE	EXTENSION
1 ea	MTX60HD MIKASA 4-CYCLE RAMMER W/ HONDA ENGINE	2849.000ea	2849.00
1 ea	MVH128GH MIKASA REVERSIBLE PLATE COMPACTOR W/ HONDA ENGINE	4849.000ea	4849.00
1 ea	RAMMER-RACK JUMPING JACK STORAGE SYSTEM (#TYPE-2U)	525.000ea	525.00
1 ea	INCOMING FREIGHT CHARGE TBD Special order item - cannot be returned for credit or refund. TAXES NOT INCLUDED	0.000ea	0.00
		Subtotal	8223.00
		S&H CHGS	0.00
		Amount Due	8223.00

THIS IS A QUOTATION. Applicable taxes are extra.
Prices are firm for 30 days. Prices are subject to change without notice after 30 days.
Items listed as "Market Price at time of Shipment" are not valid for 30 days.
Custom/fabricated and Special Order items are non-returnable without price consent and agreement. Quantities of all items are the responsibility of the purchaser.

Thomas McKittrick Jr

From: Andrew Nagorski <ANagorski@eagleleasing.com>
Sent: Thursday, August 7, 2025 10:49 AM
To: Thomas McKittrick Jr
Subject: Eagle Leasing Quote RQ0074133

**CAUTION: This email originated from outside of the organization.
Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.**



Website Contact Us

Dear Tom,

We are pleased to quote you on the following:

Quote #: RQ0074133
Quote Date: 08/07/25
Expiration Date: 09/06/25
Min Term: 0 Day(s)

Delivery Location:
TOWN OF WATERFORD
WATERFORD CT 06385
(860) 460-2863

One Time Charges

Item	Qty	Amount per Unit
40' Container Reconditioned	1	$4,900.00

Sanitary Equipment Company Inc.

"Do It Right The First Time"

Source Well #112014-LEG

Date: Aug 11, 2026

25 Industry Drive / PO Box 26006
West Haven, CT. 06516
Phone 203-933-9599 Fax 203-933-4271
www.sanitaryequipment.com

Scott Black (30)
Phone 203 927-9070
scott@sanitaryequipment.com
Ref #

Quote for:
Mr. Garon VanOverloop
Town of Waterford

Waterford, CT

Subject:
Oversized RO container

Line	QTY	DESCRIPTION	AMOUNT
1.)	1.00	XDHD 28FT PLATFORM X FT WIDE OD X 7FT OD	$16,631.61
2.)		MAIN RAILS 1/4"	Included
3.)		FLOOR 1/4"	Included
4.)		12" OC CROSSMEMBERS	Included
5.)		10GA BULKHEAD	Included
6.)		10GA SIDES	Included
7.)		12GA 4-WAY POSTS	Included
8.)		TOP CROWN 1/4"	Included
9.)			
10.)			
11.)			
12.)			
13.)			
14.)			
15.)			
16.)			
17.)			
18.)			
19.)			
20.)			
21)			
22.)			
23.)			
24.)	1.00	FREIGH TO TOWN	Included
	QTY	** OPTIONS AVAILABLE ** Unless a QTY is entered on the left, the items below are an ADDITIONAL COST	
25.)			
26.)			
27.)			
28.)			
29.)			

SUBTOTAL w/ SELECTED OPTIONS	$	16,631.61
TAX RATE		
SALES TAX	$	-
12% FET TAX	$	-
FREIGHT	$	-
TOTAL	$	16,631.61

QUOTE NOTES:

Thank You for the Opportunity to Quote our Products and Services

This proposal may be withdrawn by S.E.C.I if not accepted with a deposit > Fri - 05/31/24

PAYMENT TERMS: Balance Due at Time of Delivery unless otherwise noted. Equipment and Materials remain the property of S.E.C.I. until paid in full.

Accepted By: _____ Company._____ Date:_____

Thank you, for the opportunity to quote you on your service needs

PUBLIC WORKS WATERFORD

Annual Report Fiscal Year 2025

Waterford Public Works



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From the Director

This past year the Department took on several challenges and have made some great successes.

Resurfacing:
The resurfacing of our roads has been one of the greatest challenges. Several years of effort has us where we are today, a robust plan that is continually updated projecting the roads to be addressed, allowing for funding projections to be made.

This plan allows the Utility Commission to coordinate their work with our resurfacing schedule. Utility work such as the replacement of plastic water services are completed before the road is resurfaced.

We are now adjusting manholes after the resurfacing of the road. That allows the manhole to match the surface eliminating those nasty depressions.

Municipal Small Separate Stormwater Systems (MS4):
Our storm drainage system is more than catch basins and pipe. Our outfalls (where the pipes end) number around 428, our catch basin number hovers around 3,300 with miles of pipe that connect them to the outfalls. But wait, add to that 88 acres of retention detention ponds.

Mapping of the system is now complete. Now that we know what we have, the focus will shift to maintaining the system and managing the discharges to the coves, streams and rivers.

Solid Waste:
The challenge has been not where to take our waste, it is how to temper the growing cost to dispose of it. Whether collected from at the curb or what is brought to our Transfer Station, it is becoming a larger percentage of the public Works Department budget.

The challenge is to control the cost and there are two parts to that equation. For the where, the Town is a member of the regional authority, which has secured long term disposal contracts for garbage and recyclables. We are enjoying one of the lowest per ton disposal fees in the State. The other side of the equation is the amount each resident generates. Using less, recycling more is where we ask our residents for assistance. While the tonnages have been stable over the past several years, the recent apartment complexes constructed and planned in the Town are expected to increase our yearly disposal totals.

Food composting is being addressed by the regional authority. Permits are almost complete for the construction of a food waste composting facility to be located off Route 12 in the Town of Preston. This will offer another commodity to recycle.

Social Media:
This is a challenge. Many, including myself, find it hard to tell others what has been accomplished. It is our job to get work done. Well, that is changing. We have close to 1100 likes (serious 1000's looking at our posts). The challenge on the table is to double that number in a year. That means you will be hearing more from us.

Work Force Development:
This is a challenge we have met. I remain committed to our employee's professional development in all areas of public works. Ensuring that our employees receive the best, we have engaged the T2 office at UCONN where we have several employees working towards the Road Master Certifications. In addition, Waterford Ambulance taught a class on Stop the Bleed. All of our trucks have kits that can be used in the event of a serious laceration.

New Initiatives:
Visibility: Our new logo on the vehicles. It is a sign of pride; it marks whom we are and who is doing the work. No more mystery vehicles. The department will be focusing growing our presence at events to get our word out. Next year will see our presence at more events sponsored by the Town Departments. More than just supporting, we will have an active seat at a table or under a tent, promoting Public Works Careers, our positive impact on the Town, and the value of what we do.

National Public Works Week: This event is a national level event. Next year, you will see that brought down to the local level.

Roadside vegetation control and pavement management: These are areas that we are investigating ways to address the tasks using new equipment and methods to keep our roads in good repair and the vegetation cut back of our roads.

I have said enough, please take a read of what follows. If you find it interesting, like us on Facebook.

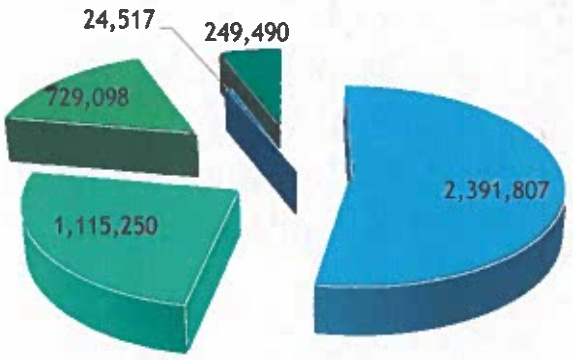
Regards,

Gary J. Schneider

Authorized Funding

FY24

$4,510,163

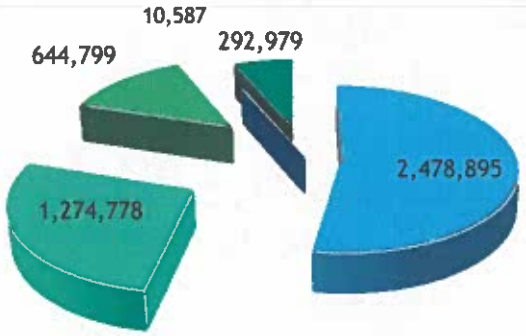


▪ 5100 Series ▪ 5200 Series ▪ 5300 Series ▪ 5400 Series ▪ 5500 Series

Personnel Services Materials Equipment Town Aid

FY25

$4,702,038



▪ 5100 Series ▪ 5200 Series ▪ 5300 Series ▪ 5400 Series ▪ 5500 Series

Personnel Services Materials Equipment Town Aid

33 Full Time

Administration



Director
Assistant Director
General Foreman
Office Coordinator
Clerk Typists(2)

Highway / Sanitation



Highway Maintainer IV (3)
Highway Maintainer III (7)
Highway Maintainer II (5)
Traffic Control (1)
Toolkeeper (1)



Refuse Truck Driver (3)
Recycle Route Driver (2)

Equipment Maintenance



Fleet Lead Mechanic
Mechanics (4)

INFRASTRUCTURE

20 Bridge & Major culverts
(plus 2 bridges shared with NL)
33 Miles of sidewalks
3200 Stormwater Catch Basins
58 Miles of Stormwater Piping
3 Traffic Signal Locations
3,400 Traffic Signs
707 Street Name Locations
523 Stop Bars
2 Railroad Crossings
44 Crosswalk Locations
560,000 LF of Center Line Markings
122 Miles of Road
49 Miles of guide rails
(wire, rope, rail & guard posts)
2,072 Street Light Units
8,200 Street Trees



FY25 Maintenance Statistics

Guardrail
1,110 Linear Feet
Replaced



Call Before You Dig
Tickets
1,640

Streetlight Repairs
32 Repaired



Potholes Repaired
266



Catch Basin Maintenance
46 Replaced
758 Cleaned

Resurfaced Roads
1.38 Miles



Resident Concerns – 534

- General - 13
- Tree Concerns – 78
- Sidewalk – 7
- Mailbox Issues – 23
- Snow Concerns – 8
- Road Concerns – 173
- Private Property Damage - 6
- Streetlight – 54
- Trash - 172



Sign Maintenance

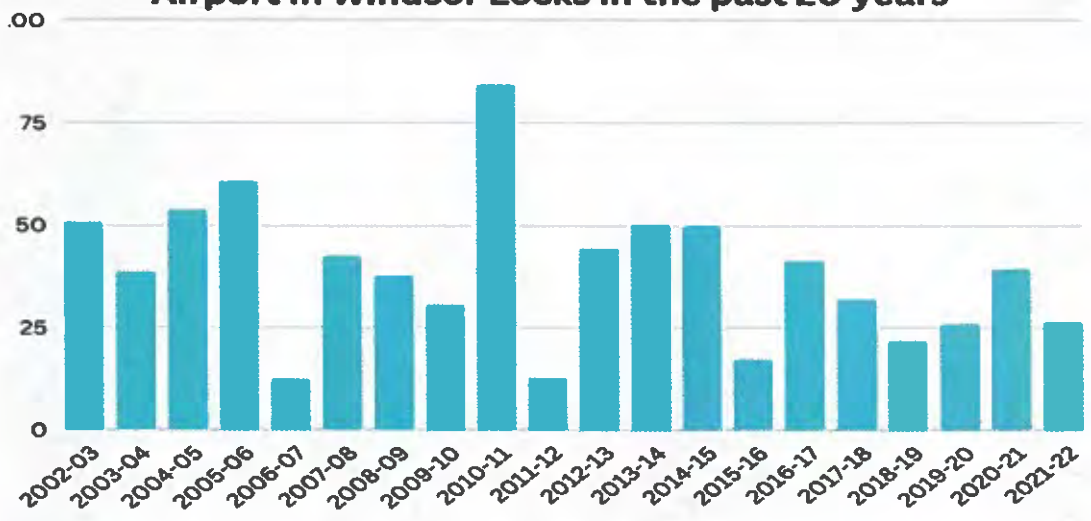


- 341 Street Name Signs
- 77 Directional Signs
- 418 Total Signs

WINTER OPERATIONS

Public Works is charged with the responsibility of responding to winter storm events. During storms, our primary focus is to provide safe travel for cars and emergency vehicles on heavily traveled roads. While snow is actively falling, plowing is generally limited to the center portion of the roadway to clear a travel lane in each direction. As the storm subsides, our crews will further widen the roadways and clear out the cul-de-sacs. Sidewalks will be addressed last.

Annual snowfall figures taken at Bradley International Airport in Windsor Locks in the past 20 years



Data sourced from the Northeast Regional Climate Center. Measurements are in inches.

Snow removal

240 lane miles of roads
33 miles of sidewalks
Main traffic loops - 4 schools



Treated Road Salt (no sand)

FY21	2,544 tons
FY22	2,291 tons
FY23	1,012 tons
FY24	1,114 tons
FY25	1,524 tons

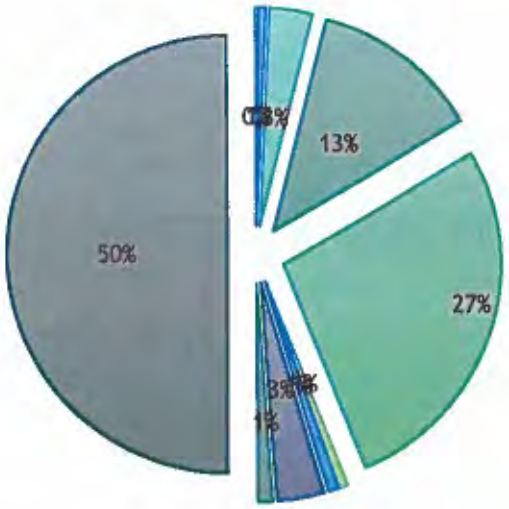


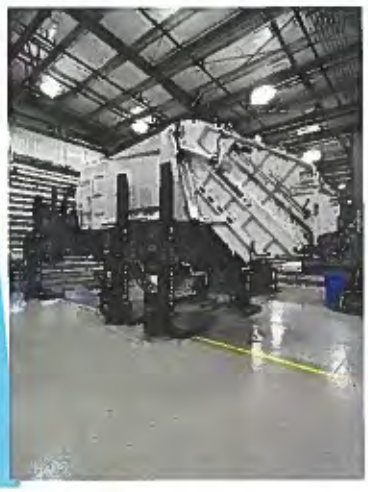
Vehicle Maintenance Report

Fleet / Assets they are responsible for 240

Repair work orders completed 680

	# Tickets	Total Cost
FIRST SELECTMAN	3	$1,777.47
ADMINISTRATION	7	$1,099.36
WUC	43	$44,050.64
POLICE	172	$69,835.55
PUBLIC WORKS	374	$304,881.28
FIRE MARSHALL	8	$5,572.13
Fire Departments	11	$1,897.69
REC & PARK	47	$29,243.16
SENIOR SERVICES	15	$5,040.57
TOTAL	680	$463,397.85

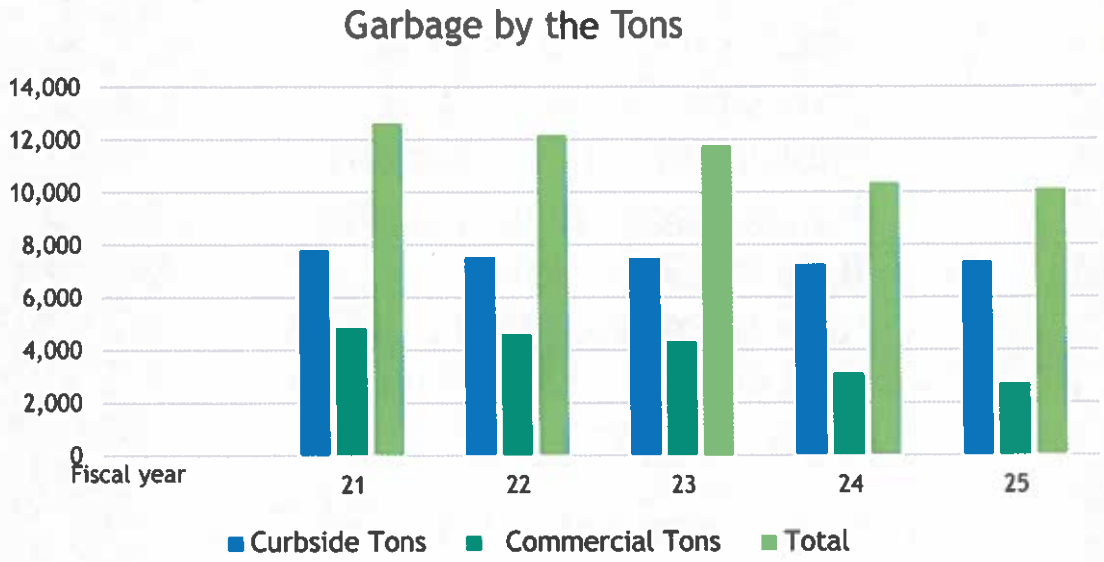






Sanitation Report

Waste collected from the curbside is handled by the crews from the Public Works Department weekly. The Department collects close to 12,000 carts from residential stops for garbage and an additional 8,000 plus stops every other week for recycling.



Total number of Blue Carts	11,782
Total number of Green Carts	8,675

Public Works crews also perform Bulky Waste and yard waste collections from the curbside, by appointment certain times during the year.

Yard Waste stops	1,533
Paid Brush stops	22

Bulky Waste stops	292
Appliances picked up curbside	66
Oversized MSW picked curbside	255

TRANSFER STATION STATISTICS

The Transfer Station is located at the Municipal Complex and is opened 4 days a week in the summer and 3 days a week in the winter. This facility serves Town of Waterford residents and small businesses. Public Works crews man the facility and private vendors remove the waste collected.



Batteries - 1,356 units
Propane Tanks - 105
Motor Oil - 4,075 gallons
Fluorescent Bulbs - 2,415
Freon - 979 Units
Electronics - 381.02 tons
Mattresses - 1,832 Units
Tires - 1,017 Units

Bulky Waste removed - 1,146.93 Tons

Leaves / Brush - 538.78 tons



Town crews took **412** loads of brush to the old Landfill, so it could be made into mulch.





TRANSFER STATION CONTINUED

In addition to the bulky waste at the transfer station, we have collection bins for clothing and deposit bottles and cans.

Arc Bin had 11 pulls



The deposit bottles and cans are collected by The Arc. The Arc promotes and protects the human rights of people with intellectual and developmental disabilities and actively supports their full inclusion and participation in the community throughout their lifetimes.



Apparel Impact had 24 pulls

The clothing/fabrics are collected by Appeal Impact. Apparel Impact is a Family and Veteran Owned operated business that focuses on the recovery of textiles and the support of communities

280,000 Mattresses Recycled in NE

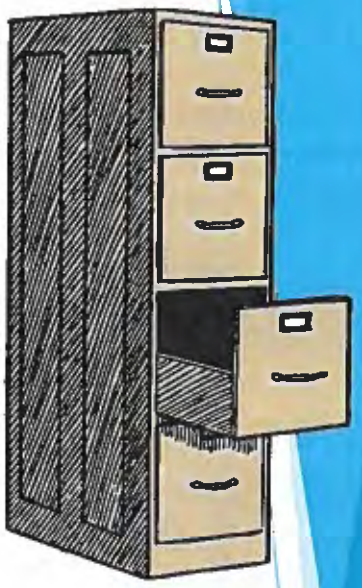
More than 280,000 mattresses were collected in Connecticut and Rhode Island, according to annual reports recently filed with both states. The reports covered the period of July 1, 2023, through June 30, 2024. Over 5,000 tons of steel, foam, fiber, and wood were recycled during that period.

Since the program began in 2015, more than 2.4 million mattresses have been recycled in the Northeast.

In Connecticut, MRC reported collecting 195,725 units and recycling 3,456 tons of mattress materials.

OFFICE

Public Works office staff assist in many aspects, but also:



- Processed 101 excavation permits
  - 47 Site access
  - 35 Driveway Aprons
  - 19 Utility Trench
- Took over 7,304 phone calls
- Processed 5,004 daily work orders
- Kept track of fuel usage at the town pumps
  - 130,481.65 gallons of diesel
  - 105,353.58 gallons of unleaded



Large Construction projected are completed by the use of private contractors.

The next few pages show what the talented Public Works crews have accomplished this year:

- Paving an extension of the parking at Waterford Beach to assist with traffic
- Removing years of debris from encroachment of an abutter to the Civic Green
- Installing curbing at the gas pumps next to the police station
- Removing a stand of trees at the Jordan Park House
- Removal of the sign and foundation at the public safety complex to prepare for the installation of the new digital sign.
- Tree and Stump removals at the Town Hall, Library and Eugene O'Neill Theater.

PROJECTS



Waterford Beach



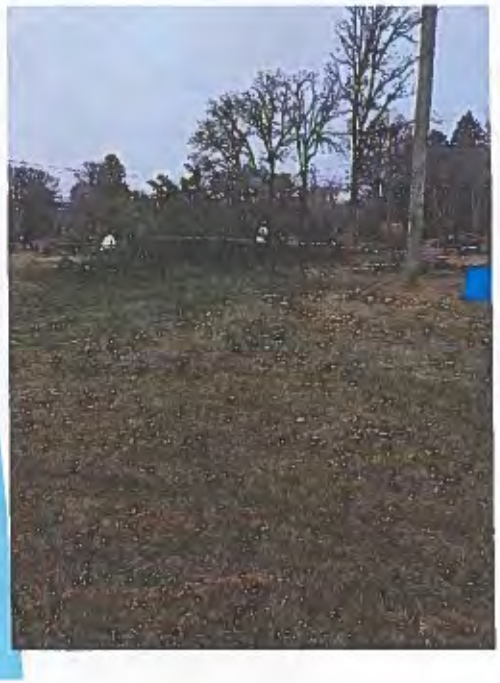
Civic Green





Police Curbing

Jordan Park House







Town Hall





Public Safety Complex

Eugene O'Neill





Library

COMMUNITY INVOLVEMENT





Harvest Festival

Parade







Halloween fun

TRAINING



Forklift Training

UCONN T2 Training







Bleed Kits for each truck

Stop The Bleed class



FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

January 23, 2026

TO: BOARD OF SELECTMEN

RE: FIVE-YEAR CAPITAL IMPROVEMENT PLAN RECOMMENDATIONS

FY 2027-2031

In FY25, the Town of Waterford closed 24 capital projects expending $4,012,468 compared to 18 capital projects and $5,802,127 in FY24. In FY26, the town continues to focus on completing past projects and remains committed to funding necessary projects moving forward. These outstanding approved capital projects, contractual obligations, unanticipated supply chain costs and increases, and insurance cost hikes make it necessary for me to continue a partial moratorium on any new capital projects that would require an increase in our tax rate. Simply put, I remain committed to a responsible Five-Year Capital Improvement Plan that our taxpayers can afford and I will work synergistically with the Town's operating budget, debt service payments and the Board of Education. My capital plan recommendations span three periods, each detailed below:

1. Current Approved Capital Projects
2. FY27 Capital Budget Requests
3. Projected Capital Requests Outside the Budget Cycle

Current Approved Capital Projects

The rationale behind focusing on current approved projects is to continue my commitment to completing and closing past capital projects, which were approved and funded by taxpayers in previous years. This commitment is part of my "Capital Completion Plan" now in its third year of implementation and has been attached in the back-up material. The town completed or closed 24 capital projects over the past fiscal year compared to 18 capital projects in FY24. The town remains committed to completing projects that remain in various stages of completion in FY27. In FY26 completed projects included:

- Civic Triangle Pond Upgrades $1,285,818
- Town and Board of Education Phone Upgrades $581,700
- Eugene O'Neill Theater Center Mansion Roof $344,938
- Road Paving Section A, Area 3 $323,919
- Community Center Heat/AC BMS Project $248,950
- Sidewalk Replacement $119,512

- Town-Wide Security Camera System Upgrade $84,914
- First Responder Equipment/Software $67,834
- Cohanzie Fire Station Emergency Generator $56,000

In FY24, the Board of Finance passed a policy that the General Fund Balance be maintained and fall within 13%-15% of the town's revenue collection. The town will continue to complete capital projects that remain in various stages of completion in FY25. To accomplish this policy change, the largest of approved projects in FY24 and FY25 from the Unassigned Balance of the General Fund were:

- School & Town Security Upgrades $1,982,900
- Leary Park Pickleball Complex $1,197,250 (FY25)
- Waterford High School Tennis Courts $1,148,100 (FY25)
- Waterford High School Turf Field $1,147,000 (FY25)
- Old Norwich Road Paving $1,053,000
- 8 Goshen Road Acquisition $385,000
- Oswegatchie Firehouse Project Manager $306,650
- Community Center HVAC $300,000
- Arnold E. Holm Memorial Park ADA Improvements $273,428
- Town Hall Basketball Courts $117,808

FY27 Capital Budget Requests

There are currently 50 new capital requests submitted by Department Heads and the Board of Education that are recognized on this Five-Year Capital Plan. The rationale for the FY27 capital budget requests is to maintain appropriate funding for requested capital projects, while balancing departmental budget increases. These increases are for Building Maintenance ($197,876 or 19% increase), Retirement Commission ($1,101,617 or 15% increase), Building Department ($34,022 or 10.6% increase), Fire Services ($387,088 or 9.8% increase), Insurance ($342,545 or 6.1% increase) and Recreation & Parks Commission ($73,077 or 4.8% increase).

I am submitting an increase of $2,570,604 (or 26%) in the Capital and Debt Service lines in FY27. The thirty-four town-side operating budgets I supervise, the Board of Education operating budget, debt service and town revenues are all considered as I present this Five-Year Capital Improvement Plan. I remain committed to ensuring a responsible general operating budget balanced with completing necessary projects and paying down debt service as scheduled. I will provide the Board of Selectmen (BOS), Board of Finance (BOF) and the RTM an opportunity later in the budget process to prioritize projects and recommend reductions, if needed. My priority as it relates to FY27 capital requests remains the same, balancing budget increases with completing necessary capital projects all while ensuring affordability for the Waterford taxpayer. Highlighted projects are:

- Fleet Management Plan $1,000,000
- Police Station Locker Room Updates $495,860
- Board of Education Computer Replacements $467,130
- Library Roof Replacement $250,000

- Board of Education Elementary School Playground Replacement $200,000
- Police Station Main Entrance $200,000
- Mago Point Sidewalk Replacement $200,000
- Cohanzie Fire Station East Wall Repair $150,000
- Jordan Fire Station HVAC $132,457
- Town-Wide Playground Improvements $128,992
- Goshen Fire Station Roof Replacement $121,300

Projected Capital Requests Outside the Budget Cycle

The rationale for submitting projected capital requests outside the budget cycle, in accordance with current Board of Finance policy, is to address priority projects using the General Fund Balance (GFB) over and above the 13%-15% range. This approach focuses on Road Paving ($1M), Utility Commission ($700,000) and/or Board of Education ($177,500). Over the previous five years in office, I requested the Board of Finance consider using $5M from the General Fund Balance for these critical projects, ensuring a balanced approach to funding and maintaining a healthy GFB within the Board of Finance's revised range. The Board of Selectmen, Board of Finance and Representative Town Meeting all approved this transparent approach of responsibly utilizing the General Fund Balance. Currently, by closely working with the Board of Finance Chairman, the Town has systematically reduced the GFB from $25M in FY23 to $15M (13%-15%) in FY27.

I consider the following three (3) projects as high priorities in this year's Five-Year Capital Plan:

- Road Paving: $1,000,000 for Minor Road Replacement
- Utility Commission: $200,000 Water Distribution System Emergency Capital Reserve
- Board of Education: $177,500 for Quaker Hill Heat Pump

In addition, I have directed Department Heads to apply for all available grants through state and federal agencies to offset costs of any capital project submitted for approval. Specifically, over the next five years, I will request the Board of Finance consider using General Fund Balance as an additional funding source for Road Paving, Utility Commission Water & Sewer Needs, Town of Waterford Building Maintenance, and Board of Education School Maintenance.

Over the past three years, by requesting the Board of Finance consider and approve funding in capital project spending from General Fund Balance, it has successfully and thoughtfully reduced the GFB within the Board of Finance policy range of 13%-15%. I commend the members of the Board of Selectmen, the Board of Finance and the RTM, both past and present, for working to approve my past Five-Year Capital Plans.

This proposed FY27-FY31 Five-Year Capital Plan reflects my recommendation for funding or not funding the project(s) as requested and the manner of that financing. I have continued to consult with Department Heads and continue to commit to priority capital projects and "push out" some projects submitted for the plan, to ensure financially responsible spending for the taxpayer. Because ensuring a stable mill rate is one of my commitments I have made to Waterford residents, over the past several years, there have been projects that needed to be pushed out. As a result, I have respectfully presented 27 capital projects with an increase of $2,612,108 in Current Year

Capital (CIP) and Capital Non-Recurring Expenditure Fund (CNR) for the Board of Selectmen, Board of Finance and RTM to consider supporting or not supporting during budget hearings.

To summarize, I have completed my initial goal and responsibility of creating a Five-Year Capital Plan with Long-Range Fiscal Planning in mind while working with the Chairman of the Board of Finance. Over the past several years, I have submitted capital budget requests outside the budget cycle that addressed the needs of the Town of Waterford. The town has responsibly spent down the GFB to approximately $15M in reserve funds per the BOF policy of 13%-15%. During these years, the Town's use of the General Fund Balance was a deliberate plan executed successfully with bi-partisan support and approvals from the BOS, BOF and RTM. For that, I remain appreciative of the support. Moving forward, I will continue to recommend earmarking funds from the GFB for capital projects such as Road Paving, Utility Commission Water & Sewer Needs, Town of Waterford Building Maintenance and Board of Education School Maintenance. As revenues and investment accounts grow, use of the GFB will be included in future Five-Year Capital Plans. Most importantly, I will be transitioning the Town's primary funding source from the General Fund Balance for capital needs, to a more detailed Five-Year Capital Plan reflecting the need to increase the CIP and CNR through taxation.

The information supporting this plan is contained in a binder, which includes the CIP Guidelines, Capital Improvement Fund balances, and all the capital improvement requests by the town's department heads. In addition, my recommended Five-Year Capital Improvement Plan is attached along with the summary of the budgets for CIP and CNR for the FY2027 budget.

This document and binder constitute my recommendations for the Capital Improvement Plan (CIP) in the FY27-FY31 Five-Year Capital Plan. The Town Charter requires the Board of Selectmen ratify these recommendations. I anticipate reviewing these recommendations with the Board of Selectmen at the February 10, 2026 Board of Selectmen Budget Hearing.

Please feel free to contact Kim Allen, Finance Director, at 860-444-5840, kallen@waterfordct.org or me with any questions you may have. Thank you for your continued commitment to the Town of Waterford.

Respectfully submitted,

Robert J. Brule

First Selectman

Town of Waterford

TOWN OF WATERFORD
FIVE YEAR CAPITAL PLAN
FY2027 -THROUGH FY2031

LINE ITEM	DESCRIPTION	REC. FUNDING SOURCE	FY-20227 CIP (10138)	FY-2027 CNR (10140)	FY-2027 GFB	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
ASSESSOR										
57639	REVALUATION	CNR		100,000		100,000	100,000	100,000	100,000	100,000
	SUBTOTAL ASSESSOR:		-	100,000	-	100,000	100,000	100,000	100,000	100,000
BOARD OF SELECTMAN										
55738	FLEET MANAGEMENT PLAN	CIP	1,000,000			1,000,000	1,500,000	1,500,000	1,500,000	1,500,000
	SUBTOTAL BOARD OF SELECTMAN		1,000,000	-	-	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000
BUILDING MAINTENANCE										
55803	PARKING LOT (YSB & PD)	CNR					400,000	400,000	400,000	
55904	EUGENE O'NEILL SEWER PROJECT	CIP						250,000		
55913	JORDAN PARK HOUSE REPAIRS	CIP					10,000	10,000	10,000	10,000
NEW (FY26)	EUGENE O'NEILL ROOF REPLACEMENT	CNR					210,000			
57740	COHANZIE REMEDIAION/DEMOLITION	CNR					30,000		500,000	
NEW (FY25)	COMMUNITY CENTER CHILLER REPLACEMENT	CNR		100,000		100,000	200,000	825,000	800,000	
NEW (FY26)	COMMUNITY CENTER - UST	CIP						95,000		
NEW (FY25)	LIBRARY ROOF REPLACEMENT	CNR		250,000		250,000	250,000	250,000	250,000	600,000
NEW (FY27)	POLICE STATION MAIN ENTRANCE	CIP	200,000			200,000				
NEW (FY27)	FUEL MANAGEMENT UPGRADE	CNR					25,000	45,000		
NEW (FY27)	FACILITIES MASTER PLAN	CIP					175,000			
NEW (FY26)	EV CHARGING STATIONS	CIP					60,000			
55912	TOWN DOCK REPLACEMENT	CIP	125,000			125,000				
	SUBTOTAL BUILDING MAINTENANCE		325,000	350,000	-	675,000	1,360,000	1,875,000	1,960,000	610,000
EMERGENCY MANAGEMENT										
	SUBTOTAL EMERGENCY MANAGEMENT		-	-	-	-	-	-	-	-
FIRE SERVICES:										
[illegible] (FY27)	COHANZIE EAST WALL	CIP	150,000			150,000				
[illegible] (FY27)	JORDAN HVAC	CIP	132,457			132,457				
57888	GOSHEN ROOF REPLACEMENT	CNR		121,300		121,300				
	SUBTOTAL FIRE SERVICES		282,457	121,300	-	403,757	-	-	-	-
INFORMATION TECHNOLOGY:										
57882	COMPUTER REPLACEMENTS	CNR					28,168	28,168	28,168	
NEW	EATON UPS BATTERY/UNIT REPLACEMENT	CIP	28,822			28,822	25,978			
NEW	PHONE SYSTEM REPLACEMENTS	CIP					74,774			
NEW	FIREWALL UPGRADE	CIP						13,265		
NEW (FY26)	SERVER UPGRADE/REPLACEMENT	CIP	110,052			110,052				
	SUBTOTAL INFORMATION TECHNOLOGY		138,874	-	-	138,874	128,920	41,433	28,168	-
PLANNING:										
NEW (FY26)	SCANNING & DOCUMENT MANAGEMENT	CNR					380,000			
	SUBTOTAL PLANNING		-	-	-	-	380,000	-	-	-
POLICE										
NEW (FY26)	MARINE UNIT UPDATES	CIP								45,000
55899	ELECTRONIC CONTROL WEAPON	CIP							85,000	
NEW (FY26)	LOCKER ROOM UPDATES	CIP	495,860			495,860				
	SUBTOTAL POLICE		495,860	-	-	495,860	-	-	85,000	45,000
PUBLIC WORKS:										
57880	PAVING	GFB			1,000,000					
NEW (FY26)	CONCRETE CURB REPLACEMENT	CIP	100,000			100,000	100,000	100,000	100,000	100,000
NEW (FY26)	WOODEN STREETLIGHT POLES	CIP	25,000			25,000	100,000		100,000	
55891	TRANSFER STATION	CNR					100,000			
NEW (FY25)	ROAD RISK ASSESSMENT	CNR					600,000		400,000	
NEW (FY24)	MAJOR ROAD INTERSECTION REALIGNMENT	CNR						55,000		
NEW (FY24)	TRAFFIC SIGNALS	CIP	35,000			35,000	300,000	300,000		
NEW (FY27)	MAGO POINT SIDEWALK REPLACEMENT	CIP	200,000			200,000	150,000			
[illegible] FY27)	MS4 DRAINAGE RENOVATIONS	CNR					75,000	75,000	75,000	75,000
[illegible] (FY27)	BRIDGES/CULVERTS UNDER 20 FT	CIP	25,000			25,000	250,000			
NEW (FY24)	MINOR ROAD CONSTRUCTION	CNR					1,000,000			600,000
NEW (FY25)	HUNTSBROOK BRIDGE	CIP	25,000			25,000		160,000		
	SUBTOTAL PUBLIC WORKS		410,000	-	1,000,000	410,000	2,675,000	690,000	675,000	775,000

TOWN OF WATERFORD
FIVE YEAR CAPITAL PLAN
FY2027 -THROUGH FY2031

LINE ITEM	DESCRIPTION	REC. FUNDING SOURCE	FY-20227 CIP (10138)	FY-2027 CNR (10140)	FY-2027 GFB	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
RECREATION AND PARKS										
NEW (FY25)	JORDAN PARK HOUSE PARKING LOT	CIP					8,500			
NEW (FY25)	CIVIC TRIANGLE IMPROVEMENTS	CNR					350,000			
55838	TOWN-WIDE PLAYGROUND IMPROVEMENTS	CIP	128,992			128,992	143,031	112,963		
57798	CHILDREN'S PLAYGROUND CIVIC TRIANGLE	CNR								
55855	TOWN-WIDE COURTS	CNR					450,000	450,000		
55835	LEARY PARK/VETERAN'S FIELD IRRIGATION	CIP							150,000	
57854	WATERFORD BEACH PARK IMPROVEMENTS (Amphitheater Plan)	CIP	30,000			30,000	300,000			
NEW (FY25)	WATERFORD BEACH GARAGE	CNR						750,000	750,000	
	SUBTOTAL PUBLIC WORKS		**158,992**	**-**	**-**	**158,992**	**1,251,531**	**1,312,963**	**900,000**	**-**
UTILITIES COMMISSION:										
57894	CROSS COUNTRY SEWER MAIN ACCESS	CNR		100,000		100,000	225,000	225,000	225,000	225,000
NEW (FY27)	WATER TANK ASSET MGMT (VAUXHALL)	CNR					290,847	290,847	290,847	29,806
NEW (FY27)	WATER TANK ASSET MGMT (FARGO)	CNR		45,671		45,671	47,954	50,352	52,870	55,513
NEW (FY27)	WATER TANK ASSET MGMT (ROGERS HILL)	CNR						358,662	358,662	358,662
NEW (FY27)	WATER DISTR - EMERGENCY RESERVE	CNR			200,000		200,000	200,000	200,000	200,000
NEW (FY27)	INTERLOCAL WASTEWATER AGREE CAPITAL	CNR			500,000		500,000	500,000	500,000	500,000
57881	WATER DISTR - PLASTIC SVCS REPLACEMENT	CNR		100,000		100,000	225,000	225,000	225,000	225,000
NEW (FY25)	RT85 WASTEWATER PS POWER CONVERSION	CNR					500,000	353,500	200,000	
NEW (FY24)	PLEASURE BEACH WATER LINE REPLACMENT	CNR					706,800	706,800	706,800	706,800
	SUBTOTAL UTILITIES COMMISSION		**-**	**245,671**	**700,000**	**245,671**	**2,695,601**	**2,910,161**	**2,759,179**	**2,300,781**
BOARD OF EDUCATION										
FY27)	REPLACEMENT CYCLE (DESKTOPS, LAPTOPS, CHROME BOOKS, IPADS) *PRIORITY 1*	CIP	467,130			467,130	211,328	219,781	228,572	237,715
(FY27)	SOUNDFIELD ADA COMPLIANCE *PRIORTY 2*	CIP	80,000			80,000	80,000	80,000	80,000	80,000
NEW (FY27)	ACCESS POINTS AND SWITCHES *PRIORITY 3*	CIP	111,177			111,177				
NEW (FY27)	ELEMENTARY SCHOOL PLAYGROUND SURFACE REPLACEMENT *PRIORITY 4*	CIP	200,000			200,000	200,000	200,000		
57833	TENNIS COURTS	CNR								
NEW (FY27)	QUAKER HILL HEAT PUMP *PRIORTY 5*	CNR			177,500		182,250			
55857	HIGH SCHOOL FIELD FLOORING/BLEACHERS						575,000			
57820	WHS - TURF FIELD AND TRACK	CNR								
NEW	WHS - TURF SOFTBALL	CNR					75,000	75,000	75,000	75,000
	WHS - TURF MAIN FIELD	CNR					137,500	137,500	137,500	137,500
57822	IT LEARNING BOARDS-CLMS	CNR					265,000			
NEW (FY27)	IT AUDITORIUM AUTOMATION REPLACE	CNR					42,500	42,500		
NEW (FY27)	IT - TYLER SCHOOL ERP	CIP					275,000			
NEW (FY25)	QUAKER HILL PLAYGROUND ASPHALT REPAVE	CIP					35,000			
NEW (FY24)	OSWEGATCHIE HEAT PUMP REPLACEMENT	CNR					180,000	180,000		
NEW (FY24)	GREAT NECK HEAT PUMP REPLACEMENT	CNR						180,500	185,915	
NEW (FY25)	CMS ROOFTOP PUMP REPLACEMENT	CNR						265,000	272,000	
NEW (FY27)	WHS - HEAT PUMPS / BMS	CNR							350,000	350,000
	SUBTOTAL BOARD OF EDUCATION		**858,307**	**-**	**177,500**	**858,307**	**2,258,578**	**1,380,281**	**1,328,987**	**880,215**
	TOTAL APPROPRIATION		**3,669,490**	**816,971**	**1,877,500**	**4,486,461**	**12,349,630**	**9,809,838**	**9,336,334**	**6,210,996**

LoCIP PROJECTS										
	ENTITLEMENT									
FY27	CIVIC TRIANGLE IMPROVEMENTS	35,000								
FY27	WIRELESS UPGRADE/REPLACEMENT	21,528								
FY27	TOWN PLAYGROUND IMPROVEMENTS	49,730								
	ENTITLEMENT SUBTOTAL	**106,258**								
	GRANT									
FY2027	MUNCIPAL PARKING LOT PAVING									
	GRANT SUBTOTAL	**0**								
TOTAL LOCIP PROJECTS		**106,258**								

TOWN OF WATERFORD
GENERAL FUND
2027 - 2031 CAPITAL IMPROVEMENT PLAN (CIP) BUDGET

DEPT/AGE 10138 CURRENT YEAR CAPITAL IMPROVEMENTS

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
BOARD OF SELECTMEN:											
55738	FLEET MANAGEMENT PLAN	1,000,000	1,000,000		1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000
SUBTOTAL BD. OF SELECTMEN		1,000,000	1,000,000	0	1,000,000	1,000,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000
EMERGENCY MANAGEMENT											
SUBTOTAL EMERGENCY MANAGEMENT		0	0	0	0	0	0	0	0	0	0
FIRE SERVICES:											
55916	COHANZIE SKYLIGHT REPLACEMENT	30,000									
NEW	JORDAN HVAC				132,457	132,457	132,457				
55923	COHANZIE AIR CONDITIONING		15,000								
NEW	COHANZIE EAST WALL				150,000	150,000	150,000				
SUBTOTAL FIRE DEPARTMENT		30,000	15,000	0	282,457	282,457	282,457	0	0	0	0
INFORMATION TECHNOLOGY:											
55917	CONTENT FILTER UPGRADE/REPLACEMENT	15,163									
	EATON UPS BATTERY/UNIT REPLACE				28,822	28,822	28,822	25,978			
	SERVER UPGRADE/REPLACEMENT				110,052	110,052	110,052				
	WIRELESS UPGRADE/REPLACEMENT							74,774			
	PHONE SYSTEM REPLACEMENTS								13,265		
	FIREWALL UPGRADE										
SUBTOTAL INFORMATION TECHNOLOGY		15,163	0	0	138,874	138,874	138,874	100,752	13,265	0	0
MUNICIPAL BUILDINGS MAINTENANCE:											
55893	EUGENE O'NEILL MANSION ROOF REPLACEMENT							210,000			
55912	TOWN DOCK REPLACEMENT				125,000	125,000	125,000				
NEW	EV CHARGING STATIONS							60,000			
NEW	COMMUNITY CENTER UST								95,000		
NEW	POLICE MAIN ENTRANCE				200,000	200,000	200,000				
NEW	FACILITIES MASTER PLAN							175,000			
55904	SEPTIC REPLACEMENT (EUGENE O'NEILL)	153,000							250,000		
55913	JORDAN PARK HOUSE REPAIRS							10,000	10,000	10,000	10,000
SUBTOTAL MUNICIPAL BUILDINGS MAINTENANCE		153,000	0	0	325,000	325,000	325,000	455,000	355,000	10,000	10,000
POLICE DEPARTMENT:											
55899	ELECTRONIC CONTROL WEAPON TRANSIITON									85,000	
55918	CELL BLOCK UPDATE	25,575									
NEW (FY2	LOCKER ROOM UPDATES				495,860	495,860	495,860				
55924	MARINE UNIT UPDATES		31,089								45,000
55919	FIREARMS/LASER SITE TRANSITION	53,289									
SUBTOTAL POLICE DEPARTMENT		78,864	31,089	0	495,860	495,860	495,860	0	0	85,000	45,000

TOWN OF WATERFORD
GENERAL FUND
2027 - 2031 CAPITAL IMPROVEMENT PLAN (CIP) BUDGET

DEPT/AGE 10138 CURRENT YEAR CAPITAL IMPROVEMENTS

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
PUBLIC WORKS:											
	BRIDGES/CULVERTS (UNDER 20 FT)				25,000	25,000	25,000				
	HUNTSBROOK BRIDGE				25,000	25,000	25,000				
	CONCRETE CURB REPLACEMENT										
NEW	TOWN-WIDE REPLACEMENT				100,000	100,000	100,000				
	SIDEWALK REPLACEMENT										
55920	NIANTIC RIVER ROAD	25,000									
NEW	MAGO POINT SIDEWALK				200,000	200,000	200,000				
	MISCELLANEOUS										
NEW	TRAFFIC SIGNALS				35,000	35,000	35,000				
55925	ROAD RISK ASSESSMENT		55,000								
NEW	WOODEN STREETLIGHT POLES				25,000	25,000	25,000				
SUBTOTAL PUBLIC WORKS		25,000	55,000	0	410,000	410,000	410,000	0	0	0	0

TOWN OF WATERFORD
GENERAL FUND
2027 - 2031 CAPITAL IMPROVEMENT PLAN (CIP) BUDGET

DEPT/AGE 10138 **CURRENT YEAR CAPITAL IMPROVEMENTS**

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
RECREATION & PARKS:											
55835	LEARY PARK DRAINAGE/LOWER FIELD									150,000	
55838	STENGER PARK BATHROOM & WALKWAY	10,500									
NEW	JORDAN PARK HOUSE PARKING LOT							8,500			
NEW	WATERFORD BEACH PARK IMPROVEMENTS (AMPHITHEATER PLAN)				30,000	30,000	30,000				
55838	CHILDREN'S PLAYGROUND EQUIP.				128,992	128,992	128,992	143,031	112,963		
SUBTOTAL RECREATION & PARKS		10,500	0	0	158,992	158,992	158,992	151,531	112,963	150,000	0
UTILITY COMMISSION:											
SUBTOTAL UTILITY COMMISSION		0	0	0	0	0	0	0	0	0	0
BOARD OF EDUCATION:											
NEW	REPLACEMENT CYCLE (DESKTOPS, LAPTOPS, CHROME BOOKS, IPADS) *PRIORITY 1*				467,130	467,130	467,130				
NEW	SOUNDFIELD ADA COMPLIANCE *PRIORTY 2*				80,000	80,000	80,000				
NEW	ACCESS POINTS AND SWITCHES *PRIORITY 3*				111,177	111,177	111,177				
NEW	ELEMENTARY SCHOOL PLAYGROUND SURFACE REPLACEMENT *PRIORITY 4*				200,000	200,000	200,000				
NEW	IT - TYLER SCHOOL ERP							275,000			
NEW	QUAKER HILL PLAYGROUND ASPHALT							35,000			
SUBTOTAL BOARD OF EDUCATION:		0	0	0	858,307	858,307	858,307	310,000	0	0	0
TOTAL BUDGET		1,312,527	1,101,089	0	3,669,490	3,669,490	3,669,490	2,827,283	1,981,228	1,745,000	1,555,000
LESS: GRANTS/OTHER REVENUE (OTHER OFFSETS)											
TOTAL OFFSETS		0	0	0	0	0	0	0	0	0	0
TOTAL GENERAL FUND APPROPRIATION		1,312,527	1,101,089	0	3,669,490	3,669,490	3,669,490	2,827,283	1,981,228	1,745,000	1,555,000

TOWN OF WATERFORD
GENERAL FUND
2027-2031 CNR BUDGET

DEPT/AGENCY: 10140 TRANSFERS TO CAPITAL AND NON-RECURRING EXPENDITURE FUND

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
ASSESSOR											
57639	REVALUATION	125,000	125,000		100,000	100,000	100,000	100,000	100,000	100,000	100,000
SUBTOTAL ASSESSOR:		**125,000**	**125,000**	**0**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
EMERGENCY MANAGEMENT											
SUBTOTAL EMERGENCY MANAGEMENT:		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
FIRE SERVICES											
57777	FIRE SERVICE - SCBA UPGRADE PROGRAM		50,000								
57888	GOSHEN ROOF REPLACEMENT	60,000			121,300	121,300	121,300				
SUBTOTAL FIRE SERVICES:		**60,000**	**50,000**	**0**	**121,300**	**121,300**	**121,300**	**0**	**0**	**0**	**0**
57790	TOWN WIDE WIFI										
57882	COMPUTER REPLACEMENTS	20,264	46,592					28,168	26,168	28,168	
57775	SERVER UPGRADE/REPLACEMENT		88,500								
SUBTOTAL INFORMATION TECHNOLOGY:		**20,264**	**135,092**	**0**	**0**	**0**	**0**	**28,168**	**26,168**	**28,168**	**0**
LIBRARY											
SUBTOTAL LIBRARY		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
PLANNING											
NEW	SCANNING & DOCUMENT MANAGEMENT							380,000			
SUBTOTAL PLANNING		**0**	**0**	**0**	**0**	**0**	0	**380,000**	0		
MUNICIPAL BUILDINGS MAINTENANCE											
57871	POLICE DEPT BLDG HVAC	40,000	25,000								
57740	COHANZIE REMIDIATION/DEMOLITION							30,000		500,000	
NEW	PARKING LOT (YSB & PD)							400,000	400,000	400,000	
57889	PUBLIC SAFETY COMPLEX HVAC	100,000									
NEW	COMMUNITY CENTER CHILLER REPLACEMENT				100,000	100,000	100,000	200,000	825,000	800,000	
NEW	FUEL MANAGEMENT UPGRADE							25,000	45,000		
NEW	LIBRARY ROOF REPLACEMENT				250,000	250,000	250,000	250,000	250,000	250,000	60,000
SUBTOTAL MUNICIPAL BUILDINGS MAINTENANCE		**140,000**	**25,000**	**0**	**350,000**	**350,000**	**350,000**	**905,000**	**1,520,000**	**1,950,000**	**60,000**

TOWN OF WATERFORD
GENERAL FUND
2027-2031 CNR BUDGET

DEPT/AGENCY: 10140 TRANSFERS TO CAPITAL AND NON-RECURRING EXPENDITURE FUND

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
POLICE DEPARTMENT											
SUBTOTAL POLICE DEPARTMENT		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
PUBLIC WORKS											
NEW	CONCRETE CURBS							100,000	100,000	100,000	100,000
NEW	SIDEWALK REPLACEMENT							150,000			
NEW	BRIDGES./CULVERTS UNDER 20 FT							250,000			
NEW	MS4 DRAINAGE RENOVATIONS							75,000	75,000	75,000	75,000
NEW	TRAFFIC SIGNALS							300,000	300,000		
NEW	WOODEN STREETLIGHT POLES							100,000		100,000	
NEW	MAJOR INTERSECTION REALIGNMENT								55,000		
57696	MINOR ROAD CONSTRUCTION							1,000,000			600,000
55891	TRANSFER STATION							100,000			
NEW	HUNTSBROOK BRIDGE								160,000		
NEW	RISK ASSESSMENT (ROADS)							600,000		400,000	
SUBTOTAL PUBLIC WORKS		**0**	**0**	**0**	**0**	**0**	**0**	**2,675,000**	**690,000**	**675,000**	**775,000**
RECREATION & PARKS											
55855	TOWN-WIDE COURTS							450,000	450,000		
NEW	WATERFORD BEACH GARAGE RENOVATION								750,000	750,000	
NEW	CIVIC TRIANGLE IMPROVEMENTS							350,000			
57798	CHILDREN'S PLAYGROUND CIVIC TRIANGLE		25,000								
57854	WATERFORD BEACH PARK IMPROVEMENTS (Amphitheater Plan)							300,000			
NEW	VETERANS GARAGE ADDITIONS										
SUBTOTAL REC & PARKS		**145,000**	**25,000**	**0**	**0**	**0**	**0**	**1,100,000**	**1,200,000**	**750,000**	**0**
UTILITIES COMMISSION:											
57894	CROSS COUNTRY SEWER MAIN ACCESS		200,000		100,000	100,000	100,000	225,000	225,000	225,000	225,000
57881	WATER DISTR-PLASTIC SVCS REPLACEMENT	100,000			100,000	100,000	100,000	225,000	225,000	225,000	225,000
NEW	WATER TANK ASSET MGMT (VAUXHALL)							290,847	290,847	290,847	29,806
NEW	WATER TANK ASSET MGMT (FARGO)				45,671	45,671	45,671	47,954	50,352	52,870	55,513
NEW	WATER TANK ASSET MGMT (ROGERS HILL)								358,662	358,662	358,662

TOWN OF WATERFORD
GENERAL FUND
2027-2031 CNR BUDGET

DEPT/AGENCY: 10140 TRANSFERS TO CAPITAL AND NON-RECURRING EXPENDITURE FUND

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
NEW	WATER DIST - EMERGENCY RESERVE							200,000	200,000	200,000	200,000
NEW	INTERLOCAL WASTEWATER AGREE CAPITAL							500,000	500,000	500,000	500,000
NEW	RT85 WASTEWATER PS POWER CONVERSION							500,000	353,500	200,000	
57895	WATER TANK ASSET MANAGEMENT		46,222								
57890	WEIMES & MARILYN EJECTOR REPLACEMENT	19,800									
NEW	PLEASURE BEACH WATER LINE REPLACMENT							706,800	706,800	706,800	706,800
57896	BARLETT CORNER WATER BOOSTER		166,950								
SUBTOTAL UTILITIES COMMISSION		**119,800**	**413,172**	**0**	**245,671**	**245,671**	**245,671**	**2,695,601**	**2,910,161**	**2,759,179**	**2,300,781**

TOWN OF WATERFORD
GENERAL FUND
2027-2031 CNR BUDGET

DEPT/AGENCY: 10140 TRANSFERS TO CAPITAL AND NON-RECURRING EXPENDITURE FUND

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	2025-2026 RTM APPROP.	ACTUAL EXPEND/ ENCUMB AS OF 1/1/26	FY 2027 DEPT/ AGENCY REQUEST	2026-2027 BOS APPROVED	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031
BOARD OF EDUCATION											
57833	TENNIS COURTS							575,000			
NEW	REPLACEMENT IT CYCLE							211,328	219,781	228,572	237,715
NEW	SOUNDFIELD ADA COMPLIANCE							80,000	80,000	80,000	80,000
NEW	ELEMENTARY SCHOOL PLAYGROUND SURFACE REPLACMENT							200,000	200,000		
	WHS - TURF SOFTBALL							75,000	75,000	75,000	75,000
57822	IT LEARNING BOARDS- CLMS							265,000			
	IT AUDITORIUM AUTOMATION REPLACEMENT							42,500	42,500		
57883	ENERGY EFFICIENCY PROGRAM	243,335									
57892	HVAC EVALUATION/REMIDATION (DISTRICT)	85,000									
NEW	WHS - TURF MAIN FIELD							137,500	137,500	137,500	137,500
NEW	QUAKER HILL HEAT PUMP							177,500	182,250		
NEW	OSWEGATCHIE HEAT PUMP REPLACEMENT							180,000	180,000		
NEW	GREAT NECK HEAT PUMP REPLACEMENT								180,500	185,915	
NEW	CLMS ROOFTOP PUMP REPLACEMENT								265,000	272,000	
NEW	WHS - HEAT PUMPS / BMS									350,000	350,000
SUBTOTAL BOARD OF EDUCATION		**328,335**	**0**	**0**	**0**	**0**	**0**	**1,943,828**	**1,562,531**	**1,328,987**	**880,215**
DEPARTMENT TOTAL		**938,399**	**773,264**	**0**	**816,971**	**816,971**	**816,971**	**9,827,597**	**8,008,860**	**7,591,334**	**4,115,996**
LESS: GRANTS/OTHER REVENUE											
	UNDESIGNATED FUND BALANCE										
	CT PUBLIC LIBRARY CONSTRUCTION GRANT										
TOTAL FUNDING OFFSETS		**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**		
TOTAL GENERAL FUND APPROPRIATION		**938,399**	**773,264**	**0**	**816,971**	**816,971**	**816,971**	**9,827,597**	**8,008,860**	**7,591,334**	**4,115,996**

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:							
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
1	Revaluation	3	100,000	100,000	100,000	100,000	100,000	500,000.00
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
								-
	TOTALS		100,000.00	100,000.00	100,000.00	100,000.00	100,000.00	500,000.00

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Assessor	**CONTACT PERSON** PAIGE WALTON
PROJECT NAME REVALUATION	**DEPARTMENT PRIORITY** 1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	State mandated town-wide revaluation of all real property to include the special use property fee appraisal of Dominion Nuclear Power Plant. Per Section 7 of Public Act 22-74, a new five-year revaluation schedule has been instituted state-wide. The project is undertaken to remain compliant with Connecticut law and to insure uniformity in real property valuations. Funding requested annually for Waterford's next three mandated revaluations scheduled for October 2026, 2030 & 2034.
2	**PROJECT STATUS IF IN PROGRESS**
	Contract for 2026 revaluation has been awarded to Vision Government Solutions Inc. Project to commence in March 2026.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	N/A
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Cost to complete 2026 Revaluation per contract is $210,000. Contract cost does not include appraisal fee for Dominion Nuclear Power Plant
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	N/A
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Contract on file (Purchasing Dept & Assessor's office)

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		100,000	100,000	100,000	100,000	100,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY	**CONTACT PERSON**
Planning / Building Department	Jonathan Mullen
PROJECT NAME	**DEPARTMENT PRIORITY**
Scanning and Document Management	1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The request is to fund scanning of all documents in the Planning and Buildng Departments. The town currenlty has approximatley 1,000,000 paper documents and maps stored in the baement of Town Hall and in the Planning and Buiding Office. Scanning these documents will reduce paper, modernize workflows, protect important town docuemts, The scanned documents will then be intergrated into a document managment system that will proivde convinient managed access to documents for both staff and the public.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	After the initial scanning project is complete the town will maintain existing and input new documents into a document management system which will have a yearly licensign fee.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2026	FY2027	FY2028	FY2029	FY2030
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR				380,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**0**	**380,000**	**0**	**0**

Estimated Content Management Project Pricing for the Town of Waterford, Connecticut

THESE PRICES ARE BASED ON A PRELIMINARY NEEDS ASSESSMENT AND ARE PROVIDED FOR BUDGETARY ESTIMATING PURPOSES ONLY.

When the Municipality is ready to proceed with the work and its comprehensive requirements are determined, a formal quote can be finalized which may include applicable price adjustments.

Costs for Laserfiche Professional Cloud System:

Line Item Description	Model #	Quantity	Unit Price	Total
Laserfiche Cloud				
Laserfiche Cloud - Professional User - Tier 5-49	CLENF2	10	$830.00	$8,300.00
Laserfiche Cloud - Participant User - Tier 10-199	CFPAR	10	$120.00	$1,200.00
Laserfiche Cloud - Public Portal - 1,000 views per month	CLPPAL	1	$600.00	$600.00
Laserfiche Cloud - Forms Portal - 1,000 submissions per month	CLFPAL	1	$1,800.00	$1,800.00
			Laserfiche Cloud Subtotal	**$11,900.00**
Professional Services				
Laserfiche Configuration and Training - remote days		2	$1,400.00	$2,800.00
Laserfiche-Municity Integration (Yr 2 Forward: $2,400.00)		1	$5,000.00	$5,000.00
Laserfiche Project Coordination		1	$300.00	$300.00
			Professional Services Subtotal	**$8,100.00**
			Grand Total	**$20,000.00** *

Please note that Laserfiche SAAS Software can priced at OMNIA/National Cooperative Purchasing Alliance (NCPA) levels: Contract #01-158 levels which is a 3.1% discount on the Laserfiche SAAS Software.

****The Municity Legacy Data conversion will have to be scoped. Note that remote data conversion is $195.00 per hour.***

Anticipated annual LSAP/SAAS fees after the included 1st year for the above configuration would be $14,300.00
Note: This estimate is subject to change based upon the then-current support/SAAS prices for that year. Plan for a 5% YOY cost increase to all Laserfiche SAAS models.

Additional ICC-CDS Pricing Information:

Day Rates

- Laserfiche Training/Installation – Onsite Days: $2,200.00 per day (includes travel – 2 day minimum)
- Laserfiche Training/Installation – Remote Day: $1,400.00

Hourly Rates (remote)

- Training/Scoping: $175.00 per hour
- Laserfiche Workflow/Forms Development/Data Conversion: $195.00 per hour
- Laserfiche Integration Development: $210.00 per hour

***Laserfiche Crafted Solutions (developed solutions)**

- Laserfiche Records Retention Essentials (Records Management Automation): $995.00
- *Note that ICC-CDS has other automated solutions, including FOIA, Contract Management, Records Center Management and Application Portals.

General Code Representative: Bruce Cadman
518-441-6496; BCadman@icc-cds.com

DESCRIPTION OF RECOMMENDED COMPONENTS

The Laserfiche Cloud license introduces a straightforward software license that includes a wide variety of features to benefit all departments of the municipality. All of this is hosted on Amazon Web Services, so no internal IT resources are required.

Laserfiche Cloud Professional Features:

Cloud Features	Professional
Packages start at (can add to each pac	$4,150 for 5 users
100 GB storage per user	✓
Document Management	✓
Audit Trail	Starter (+)
Direct Share	✓
Data Encrypted at Rest	✓
Autoscaling of Computing and Storage	✓
Automated and Encrypted Backups	✓
Intrustion Detection	✓
Automated Feature/Secutity Updates	✓
Automated Text Extraction	✓
Import Agent with Email Archiving	✓
Process Automation	✓
Connector	✓
Surveys	✓
Records Management	+

Cloud Integrations	Professional
Microsoft 365 Integration	✓
Integration with SharePoint	✓
Integration w/ Microsoft Dynamics 365	✓
Integration with DocuSign	+
Integration with Salesforce CRM	+
Certified Integration with SAP Archivel	+
Integration with Laser App	+
Laserfiche for Ricoh MFD	+

Cloud Add-Ons	Professional
SDK	+
QuickAgent Fields Complete with Agent	10 (+)
Workflow Bots for Process Automation	1 (+)
Public Portal	+
Forms Portal	+
Participant Users	+
Community Users	+
Smart Invoice Capture	+
Vault	+
Additional Storage	+
ScanConnect	+

-Not Available + Optional Add-On ✓Included

*As a cloud-based system, updates and new features are automatically pushed out, limited/no IT involvement.



Records Imaging & Conversion Services

Version 20220701

Prepared for:

Town of Waterford

Project for: Planning & Building Department

Version 1.00

10/18/2024

Juan Rodriguez
Digital Services Specialist
860-670-0702
Juan.f.rodriguez@ricoh-usa.com

Reservation of Rights

In response to your RFP or invitation, we are pleased to submit this proposal for your consideration. We recognize your right to negotiate and approve the terms and conditions of any contract following award and respectfully reserve the right to do the same. We acknowledge that all contract terms and conditions must be mutually agreed upon by both of us. Our proposal represents our commitment with respect to pricing, equipment specifications and service levels and contemplates that both parties reserve the right to review and negotiate appropriate and mutually acceptable terms and conditions in the exercise of good faith. As is customary for transactions of this type, our proposal is based upon the information provided by you and the assumptions set forth in our response, and any changes to such information or assumptions may, if material, require modification. Upon award, we will be pleased to work with you to promptly finalize mutually acceptable contract terms and, if applicable, provide copies of appropriate contract forms for that purpose.

Proprietary and Confidential Statement

The enclosed materials are proprietary to Ricoh, and Ricoh reserves all right, title, and interest in and to such materials. The terms, conditions, and information set forth herein are confidential to Ricoh and may not be disclosed in any manner to any person other than the addressee, together with its officers, employees, and agents who are directly responsible for evaluating the contents of these materials for the limited purpose intended. Any unauthorized disclosure, use, reproduction, or transmission is expressly prohibited without the prior written consent of Ricoh. These materials summarize a proposed equipment and/or services solution. They are intended for informational purposes only to assist you in your evaluation of Ricoh as a potential business partner. These materials do not represent an offer or a binding agreement.

Jonathan Mullen
Town of Waterford
15 Rope Ferry Road ,
Waterford , CT 06385
860-444-5813
jmullen@waterfordct.org

Dear Jonathan,

Thank you for your interest in Ricoh, the premier provider of high-volume document imaging and conversion services, as a potential partner for document processing services.

As part of desired partnership outlined in prior discussions, Ricoh USA, Inc. has prepared the following proposal to detail conversion services for Town of Waterford ("Client"), specific to . In this proposal, Ricoh will provide recommendations that include services for the operational processes to convert paper into electronic images. Ricoh has outlined the Project scope and estimated costs for this Project Based engagement. The estimated service costs outlined in this document are based on Ricoh's experience and preliminary information received from Client.

Ricoh owns and operates the largest network of secure scanning centers nationwide performing image capture of over 3.2 billion pages of paper and microform last year alone. For over twenty-six years, Ricoh's Document Imaging Services' primary mission has been to accurately capture images from any media (e.g., paper, large format drawings, microfilm, microfiche, aperture cards, electronically stored information, etc.) and deliver them to our clients in a hard-copy or a database-ready format.

Our emphasis on quality, performance, mutual project success while maintaining confidentiality and chain of custody has translated into thousands of satisfied customers who have entrusted Ricoh with their legal, PHI, PII, HIPAA and business-critical documents.

Our technology and labor infrastructure, coupled with our experience within your industry on comparable projects, uniquely positions Ricoh to deliver a superior work product under budget and within deadline.

If you have any questions or feel I have omitted anything in the estimate, please do not hesitate to reach out to me. Thank you for your kind consideration of Ricoh as your partner on this project and I look forward to working with you in the very near future.

Kind Regards,

Juan F Rodriguez

Juan F. Rodriguez
Digital Services Specialist, Offsite

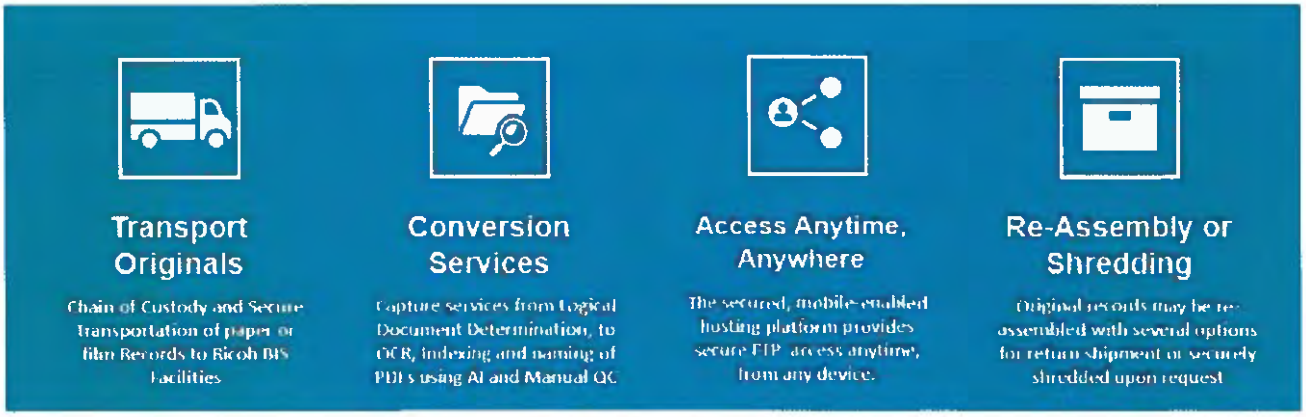
RICOH USA, Inc.
29 Griffin Road South, Unit C
Bloomfield, CT 06002
860.670.0702

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Ricoh Digital Imaging Services Overview

Ricoh has been providing fast, secure, local scanning of virtually any type or size of documents for more than 25 years. Ricoh's unique strengths include:

Standardized Process and Services



Professional Conversion Services

Through our national network of processing centers, we have the capacity to scan more than 50 million pages per month. This reinforces our proven track record as the nation's largest provider of document imaging services.

Security and Confidentiality

Ricoh's procedures and protected facilities are designed to ensure that your documents will be kept secure and confidential through the entire project. Each employee has completed a background check, drug testing, and confidentiality agreements. Ricoh trains its processing center staff relative to HIPAA standards for handling confidential healthcare-related documents.

Imaging Expertise and Best Practices

Organizations outsource scanning operations to gain access to expertise and best practices. Using one of our document processing centers, Ricoh consistently delivers world-class service and results by understanding our customers' unique business requirements and applying best practices to meet those needs. Additional details are provided herein.

Turnkey Project Management

Ricoh assigns an experienced project manager and operations team to every imaging project, so projects proceed as planned, and clients have a single point of contact for regular communication. Additional details are provided herein.

Universal Imaging Capabilities

Ricoh supports a wide range of industry-standard and vendor-specific input and output formats. Ricoh has the experience and expertise to provide a seamless data conversion to migrate existing images and metadata to a new document management system while minimizing conversion costs. Ricoh also provides roll microfilm, microfiche, and aperture card scanning services.

Ricoh Security Measures

Ricoh has developed a methodology based on more than a quarter-century of experience that provides our clients a consistent deliverable from any of our Business Information Services Source (BIS Source) locations across the country. These time-tested, documented procedures are rigorously enforced through a continuing education and audit process for both our managers and production staff.

Chain of Custody

We understand the risk associated with the movement of your documents. We track all documents throughout the process - from initial pickup through to delivery - via a documented chain of custody. We collect signatures of release and acceptance whenever all or portions of your materials leave our processing operation. At the completion of the process, you will sign off that you have received all of your materials. Our chain-of-custody process has been designed to document the custody of all customer materials, regardless of type, from release to Ricoh to return. This process enables us to track the location of all materials throughout the process.



Document Handling and Confidentiality

Each of our employees has completed a background check, drug testing and signed a confidentiality agreement. Ricoh BIS professionals are experienced in handling, disassembling, and reassembling clients' important legal files. Our BIS staff is also trained relative to HIPAA and HITECH standards for handling confidential healthcare-related documents.

Security at Every Level

We employ strict protocols for handling data and other confidential information. All BIS Source locations are tightly secured, and our staff goes through rigorous confidentiality and security training and background checks. Your data, whether electronically stored information or paper, is protected physically within our centers, and all converted electronic data is subject to multilevel security through encryption and firewalls. Each BIS Source location has a business continuity plan documented and on file.

Disaster Recovery

Each of our BIS Source locations has a business continuity plan outlining the procedures for that location. Those plans are reviewed and updated quarterly. Additionally, Ricoh's infrastructure mitigates risk associated with data loss and sustained production downtime because Ricoh has BIS Source locations across the country, all adhering to the same policies and procedures and using the same production equipment. We have redundancy built into each of our production conversion processes. If a disaster were to strike our local office, we would personally move all of the work to a nearby office (designated "hot site").

Scope of Services

Volume & Condition Specifications

- Ricoh will pick up the boxes from designated customer facility
  - Assumes 1 trip for pick up
    - Ricoh will provide boxes.
    - Ricoh will prepare and box documents for shipment.
  - Distance is assumed to be 55 miles (one-way) from Ricoh Processing Center
    - Customer Pickup Address is: 15 Rope Ferry Road , Waterford , CT 06385

Project Details

- Total of 2 Populations:
  - Population #1 – Planning Department / with 180 Boxes
    - The boxes are generally 100% full
  - Population #2 – Building Department / with 207 Boxes
    - The boxes are generally 100% full

Transportation, Processing Location & Schedule

- Offsite Transportation may be provided by the Client or may be purchased from Ricoh.
  - For Details and Discussion Topics for Transportation, see Appendix C
- Offsite scanning is provided at Ricoh's secured scanning center(s) in the United States, specifically:
  - Bloomfield, CT
  - Atlanta, GA
  - Cleveland, OH
  - Houston, TX
- Project commencement is estimated to begin within one week of receipt of an executed Statement of Work and/or Customer Order Authorization.
- Chain of custody is documented upon pick-up/delivery and a Ricoh representative will transfer confidential client documents to a secure imaging center for preparation and scanning.
- Ricoh will retain electronic images on Ricoh production server(s) throughout the project for up to thirty (30) days after final delivery. After thirty (30) days from delivery of data and images, Ricoh is not responsible for maintaining any archival image or data information in connection with the delivery.

Population Planning Department Specifications

The Planning Department Population consists of the following:

Capture Specifications

- **Population #1: Population Name: Planning Department**
  - Estimated number of file boxes (1.2cf) total 180
    - Estimated qty UP TO 11"x17" in dimension: 450,000 pages in 180 file boxes (1.2cf)
    - Estimated qty OVER 11"x17" up to 36"x48" in size: 0 per file boxes (1.2cf)
    - Percent of duplex pages: 0%
    - Percent of B&W originals: 100%
    - Percent of color originals: 0%
    - Total anticipated image count: 450,000
    - Total number of resulting electronic files: 14,976 PDFs created
    - Barriers per box: 500-699
  - Data file will be provided by the Client containing all index values: No

- Paper Logical Document Determination is based on no.
  - Examples: Acco clips, staples, paperclips, bands, folders, each folder, or physical file etc.

Paper Condition

- This population will NOT require Archival Handling based on understanding that documents currently ARE in a condition that is suitable for loading into a document handler/feeder for scanning.

Processing Location

- Processing will occur in no other locations than those listed below, without Client approval.
  - Imaging of source media will be performed at Ricoh's or Ricoh's business partner's processing center(s) located in the Continental United States
  - Index capture from images will be performed at Ricoh's or Ricoh's business partner's processing center(s) located in India using a Citrix Environment where servers will reside in Houston, TX.
  - Final conversion processing of images and index data will be performed in Ricoh's AWS Amazon cloud

Image Capture Specifications

- Population pages delivered to Ricoh will be imaged
  - Document preparation is defined as Heavy Prep.
  - Document reassembly is defined as Light Reassembly.
- Capture is based on multi page images in PDF format.
- A Quality Control process will take place at the time of scanning to ensure accuracy.
  - Image quality checking is defined as Statistical/Sample QC.
- Ricoh will capture originals based on the following:
  - Originals will be scanned at a resolution of 300 dots per inch (dpi).
    - Resolution higher than 300 dpi will require custom quotation from Ricoh Operations
- Files will be delivered as multi page PDF images.
  - Capture of black & white originals as bi-tonal (b&w) images.
  - Capture of color originals, (ie: charts, photographs, etc) as bi-tonal (b&w) images.

Paper Index Capture Specifications

- Final indexing requirements will capture 1 total fields
- Ricoh will capture of the following File Level index fields.
    - **FOLDER CAPTURE**
        - ✓ Ricoh needs to scan the paper folder itself to capture index values: Yes
    - **FIELD 1**
        - ✓ Field Name: Folder Tab Information
        - ✓ Field Description: DI - Index Coding Offshore 6 to 10:MP
        - ✓ Value is located Folder

- File naming will be based on indexed fields, as follows:
    - Population 1 =

    - **ADVANCED INDEX SERVICES**
        - ✓ Project requires merging and/or splitting of PDFs: No
        - ✓ Project requires database or spreadsheet lookup for naming of PDFs: No

Delivery of Images

- Index data will be delivered in a comma separated value (CSV) format.
- OCR (Optical Character Recognition) **– Required for Searchable PDF.**
    - OCR will be performed on all images of paper-based populations to create searchable PDFs.
- Resultant images and indexed data will be delivered to Client -provided USB Flash Drive.

Original Media

Original Media for this project be re-assembled and returned to Client

Population Building Department Specifications

The Building Department Population consists of the following:

Capture Specifications

- **Population #2: Population Name: Building Department**
  - Estimated number of file boxes (1.2cf) total 207
    - Estimated qty UP TO 11"x17" in dimension: 517,500 pages in 207 file boxes (1.2cf)
    - Estimated qty OVER 11"x17" up to 36"x48" in size: 0 per file boxes (1.2cf)
    - Percent of duplex pages: 0%
    - Percent of B&W originals: 100%
    - Percent of color originals: 0%
    - Total anticipated image count: 517,500
    - Total number of resulting electronic files: 17,172 PDFs created
    - Barriers per box: 500-699
  - Data file will be provided by the Client containing all index values: No

- Paper Logical Document Determination is based on no.
  - Examples: Acco clips, staples, paperclips, bands, folders, each folder, or physical file etc.

Paper Condition

- This population will NOT require Archival Handling based on understanding that documents currently ARE in a condition that is suitable for loading into a document handler/feeder for scanning.

Processing Location

- Processing will occur in no other locations than those listed below, without Client approval.
  - Imaging of source media will be performed at Ricoh's or Ricoh's business partner's processing center(s) located in the Continental United States
  - Index capture from images will be performed at Ricoh's or Ricoh's business partner's processing center(s) located in India using a Citrix Environment where servers will reside in Houston, TX.
  - Final conversion processing of images and index data will be performed in Ricoh's AWS Amazon cloud

Image Capture Specifications

- Population pages delivered to Ricoh will be imaged
  - Document preparation is defined as Heavy Prep.
  - Document reassembly is defined as Light Reassembly.
- Capture is based on multi page images in PDF format.
- A Quality Control process will take place at the time of scanning to ensure accuracy.
  - Image quality checking is defined as Statistical/Sample QC.
- Ricoh will capture originals based on the following:
  - Originals will be scanned at a resolution of 300 dots per inch (dpi).
    - Resolution higher than 300 dpi will require custom quotation from Ricoh Operations
- Files will be delivered as multi page PDF images.
  - Capture of black & white originals as bi-tonal (b&w) images.
  - Capture of color originals, (ie: charts, photographs, etc) as bi-tonal (b&w) images.

Paper Index Capture Specifications

- Final indexing requirements will capture 1 total fields
- Ricoh will capture of the following File Level index fields.
    - **FOLDER CAPTURE**
        - ✓ Ricoh needs to scan the paper folder itself to capture index values: Yes
    - **FIELD 1**
        - ✓ Field Name: Folder Tab Information
        - ✓ Field Description: DI - Index Coding Offshore 6 to 10:MP
        - ✓ Value is located Folder

- File naming will be based on indexed fields, as follows:
    - Population 2 =

    - **ADVANCED INDEX SERVICES**
        - ✓ Project requires merging and/or splitting of PDFs: No
        - ✓ Project requires database or spreadsheet lookup for naming of PDFs: No

Delivery of Images

- Index data will be delivered in a comma separated value (CSV) format.
- OCR (Optical Character Recognition) – **Required for Searchable PDF.**
    - OCR will be performed on all images of paper-based populations to create searchable PDFs.
- Resultant images and indexed data will be delivered to Client -provided USB Flash Drive.

Original Media

Original Media for this project be re-assembled and returned to Client

Unit Pricing Table

The table below, including the "estimated pre-tax total", is calculated based on the aggregate of all unit pricing multiplied by the corresponding quantities for the services outlined above. The "estimated pre-tax total" is not a fixed cost estimate and is intended solely as a general guideline for anticipated cost(s). **Ricoh will invoice for actual volumes processed.**

Population Planning Department Unit Pricing

QTY	Description	P-Code	Unit	Unit Price	Total
450,000	DI - Image Capture (Heavy)	7036	Image	0.0878	$ 39,510.00
450,000	DI - QC (Statistical/Sample)	7082	Image	0.0231	$ 10,395.00
450,000	DI - Re-Assemble (Light)	7084	Image	0.0258	$ 11,610.00
450,000	DI - OCR	7055	Image	0.0110	$ 4,950.00
450,000	DI - Image Conversion - PDF	723	Image	0.0071	$ 3,195.00
1	DI - USB Flash Drive 8 GB	7043	Drive	39.0000	$ 39.00
14,976	DI - Index Coding Offshore 6 to 10:MP	7110	Field	0.0182	$ 272.56
14,400	DI -Lg Format B&W Scan (per Sheet)	7060	Image	2.0000	$ 28,800.00
Estimates are Pre-Tax			**Estimated Population Total:**		**$ 98,771.56**

Population Building Department Unit Pricing

QTY	Description	P-Code	Unit	Unit Price	Total
517,500	DI - Image Capture (Heavy)	7036	Image	$0.0878	$ 45,436.50
517,500	DI - QC (Statistical/Sample)	7082	Image	$0.0231	$ 11,954.25
517,500	DI - Re-Assemble (Light)	7084	Image	$0.0258	$ 13,351.50
517,500	DI - OCR	7055	Image	$0.0110	$ 5,692.50
517,500	DI - Image Conversion - PDF	723	Image	$0.0071	$ 3,674.25
1	DI - USB Flash Drive 8 GB	7043	Drive	$39.0000	$ 39.00
17,172	DI - Index Coding Offshore 6 to 10:MP	7110	Field	$0.0182	$ 312.53
32,500	DI -Lg Format B&W Scan (per Sheet)	7060	Image	2.0000	$ 65,000.00
Estimates are Pre-Tax			**Estimated Population Total:**		**$145,460.53**

Summary of Additional Fees

QTY	Description	P-Code	Unit	Unit Price	Total
387	DI - Ricoh Boxes	7031	Box	$6.37	$ 2,465.19
24	DI - (hr) ASG Project Management	7002	Hour	$225.00	$ 5,400.00
1	Transportation / Hand time /Labor	7044	Trip	5,500	$ 5,500.00
Estimates are Pre-Tax			**Estimated Additional Fees Total:**		**$ 13,365.19**

Pricing for any requirements to deliver images or data to a customer new or existing content management system or other business application requires further discovery.

Summary of Total Costs

Description	Estimated Total
Total Combined Pricing of all Populations	$244,232.09
Total Combined Pricing of all Additional Fees	$13,365.19
Estimated Pre-Tax Total	**$257,597.28**

The minimum fee for off-site services is $10,000 per project. Ricoh will invoice based on the actual number of units processed multiplied by the unit cost as referenced in the above table. Pricing does not include shipping costs of deliverables.

Production Workflow Notes

Ricoh is extremely sensitive to the fact that we are handling confidential legal, PHI, HIPAA and/or business-critical documents. As such, Ricoh designed its document handling procedures around the tight security standards established for evidentiary and privileged documents relating to extremely sensitive litigation matters. This allows us to maintain strict confidentiality and chain of custody throughout the entire workflow.

Ricoh is also sensitive to the fact that we frequently handle active files that our clients rely on during the regular course of business. When a file from a box that is identified as being "out for imaging", Ricoh's *Rapid Response* service can be activated to retrieve and return the original(s) or produce an electronic copy that can be downloaded securely. Ricoh's entire imaging workflow and customer service is designed to not adversely impact daily business operations.

Pricing Notes:

The foregoing price quotation is valid for 30 days from the date of this proposal. Unit prices are based on the volumes and assumptions as detailed in the *Production Scope & Assumptions* section and are contingent upon analysis of a representative sampling of source media and indexing methodology.

Should the scope or process vary from the assumptions outlined herein, Ricoh reserves the right to submit a revised proposal based on definitions representative of the true project scope and technical requirements. The "Estimated Pre-Tax Total" listed above is calculated based on the aggregate of all unit pricing multiplied by their corresponding quantities. This estimated total is not a fixed cost estimate and is intended solely as a general cost estimate. Ricoh will invoice for actual volumes processed.

Ricoh and Client acknowledge that the services and prices that are offered to Client herein are based on the assumptions contained within this response, and assumptions to be identified by Ricoh during its more detailed evaluation and scope

assessment following the engagement contemplated hereunder. All production processing will be executed pursuant to the imaging and coding instructions and instructions contained in this document and in its addenda herein.

If Ricoh determines during the production processing of Client's document collection that the collection deviates from assumptions, Ricoh reserves the right to adjust unit price for the impacted service (effective as of the earliest date that such deviation occurred), and Client agrees to pay Ricoh in accordance with Ricoh's standard terms and conditions for such services. Ricoh will notify Client of its determination of any deviation from the assumptions contained within this response.

Assumptions:

1. **Transportation quotes are valid for 10 days**, and subject to change due to variances in fuel, courier fees, etc.
2. Archival "Glasswork" imaging would be required in the event the condition of the originals are fragile/antique, hard bound, or the integrity of the document(s) would be compromised by placing them into a mechanized document handler/feeder for scanning.
3. Imaging Pricing assumes originals are in good condition without frayed edges, tears, or brittle/antique paper, not requiring Special Handling or use of a carrier sheet to facilitate scanning.
4. Optical Character Recognition (OCR) - Provides keyword search capability. Should OCR be requested at a later date, Ricoh will provide a revised quote.
    a. OCR is not recommended for oversize maps, photo images, drawings, floor plans files, etc.
    b. OCR is not a reliable method for extraction of handwritten, serif font, small type font under 12 point, data in tables or charts, etc. and should not be considered a reliable method for obtaining "searchable" files in larger PDFs. Ricoh cannot guarantee all words and characters will be captured consistently.
    c. OCR will not be performed on any microform images. Ricoh cannot guarantee the consistency of OCR on microform media.
5. If processing exceptions exceed 3% of the total volume, the Change Order Process will be initiated for review and disposition.
6. If returning originals, original media will be returned to Client thirty (30) days after associated image delivery is complete. Upon Request, for a transport fee, originals may be returned to Customer Site, within 30 days of Scan
7. If shredding, original media will be shredded by Ricoh within thirty (30) days after associated image delivery is complete and Ricoh has written Client authorization to proceed with document destruction. If written authorization is not received within 30 days, original media will be returned to Client and will incur additional return shipping fees. Original Images will be shredded based on the schedule of fees outlined herein

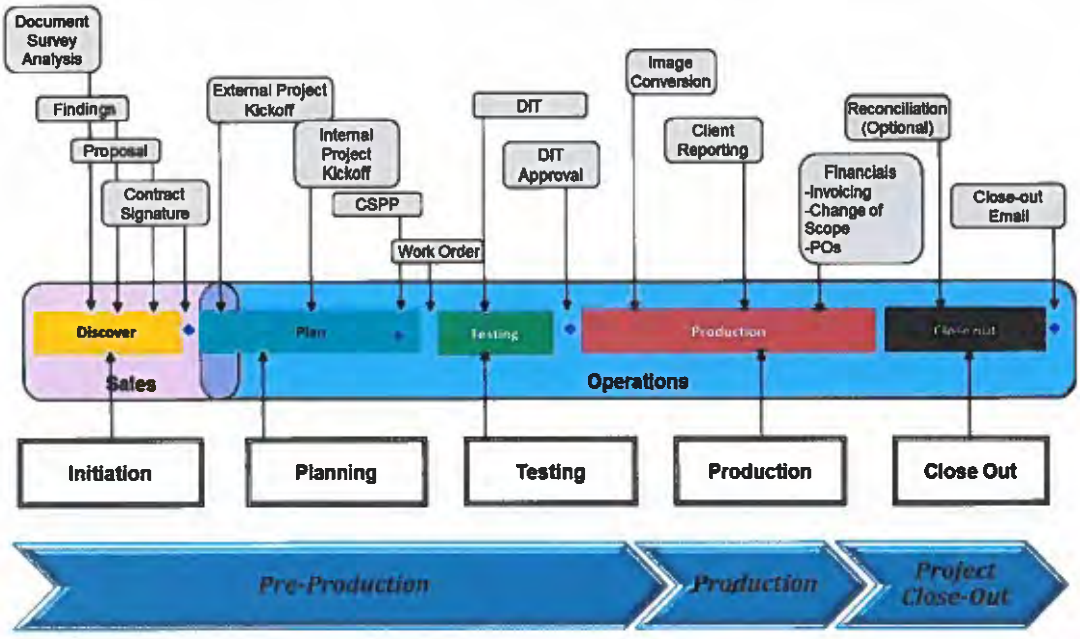
Project Planning

Project Management

A Ricoh Project Manager will be assigned to plan, direct, and coordinate activities of the project to ensure goals and objectives are accomplished within the prescribed time frame and funding parameters.
Specific responsibilities include, but are not limited to:

1. Reviews project proposals and general requirement documents to determine schedule, manpower, funding, and scope limitations.
2. Develops the basic project plan for executing and controlling the project, including workflow, budget, and timeline(s), including the technical specifications with the assistance of the Engineering and Technical staff.
3. Directs the preparation of the plan for organizing, staffing, budgeting, executing, and controlling field projects.
4. Interprets and executes written and/or oral job specifications and instructions into project plan.
5. Coordinates with operations effected by project to plan and develop workflow/procedures and manpower needs.
6. Anticipates and mitigates potential risks by maintaining current knowledge of overall project status.
7. Develops clear written strategy guidelines for communication with clear definition of responsibilities and restraints.
8. Acts as additional client communication liaison between operations, engineering, sales, finance and/or technical staff for a project.
9. Communicates issues and suggestions succinctly and clearly so as to be understood by clients and co-workers.
10. Documents conversations, instructions and changes or deviation in work statements and procedures.
11. Proactively informs clients of project status and issues both in verbal and/or written format.
12. Proactively communicates status of projects and issues to relevant stakeholders.
13. Escalates all issues to a higher mgt level at signs of client dissatisfaction with performance of services or expectations.
14. Responsible for the reconciliation of all client materials.

High-Level Project Plan



** Note: DIT (Data Interchange Test) requires Ricoh ASG Technical Services and client approval which may impact project timeline.

Pre-production activity is targeted to be completed in approximately two to three weeks. Following Customer approval and acceptance of the Conversion Service Project Plan (CSPP), production conversion will commence, and continue over a mutually agreed-on period. The final schedule will be mutually determined between the Ricoh project manager and Customer. Customer will deliver Source Media as necessary to support the planned schedule.
Ricoh's project lifecycle consists of three major phases:

- Pre-production
- Production
- Project close-out

The Ricoh project manager assigned to your account will be responsible for directing all phases and will be the primary point of contact for the entire project. The project manager will execute the operations based on a structured methodology approach. The Ricoh project manager will ensure that each of the phases has mutually agreed upon objectives and deliverable products. Both Ricoh and your organization will have defined responsibilities in each phase, and accordingly both will share in the project success. Transition from one phase of the project to the next shall occur only with Customer expressed approval.

The activities for each phase are described below:

Pre-Production —After contract award, Ricoh's project manager will lead a kick-off meeting with Customer. After kick-off, Ricoh begins work with Customer to finalize procedures and quality specifications.

During this phase, the Ricoh project team works with Customer to complete the Conversion Services Project Plan (CSPP) and presents it to Customer for approval. The purpose of the CSPP is to provide a detailed, documented reference for the complete execution of the project. In the plan, the project manager describes in detail all of the logistical, operational and technical requirements, specifications and procedures of the project.

After approval of the CSPP, Ricoh performs a data interchange test (DIT). The DIT is an end-to-end test of workflow and procedures, and is performed to verify both the technical and logistical elements of the project. The results of the DIT are to be reviewed by Customer and any required adjustments will be communicated back to Ricoh. Ricoh will not proceed with production until a successful DIT is completed and approved by Customer.

Production —With Customer's approval of the interchange test, Ricoh will pick up boxes of files to begin the scanning production and produce deliverable images. The production process will mirror the DIT model.
Ricoh will work with Customer to ensure that the implemented process, scan, index, and import are meeting all of Customer's requirements.
During production, Ricoh will generate monthly reports of production statistics. The format of this report will be developed with Customer but should include totals of documents and images produced and delivered and invoice summaries.

Close-out – The Ricoh project manager closes out all open items and issues and performs a final reconciliation. The project manager conducts an end-of-project meeting. Optionally, data reconciliation reports can be produced detailing anomalies, such as documents in database but not delivered, documents delivered but not in database, duplicate documents or indices.

Appendix A – Definitions

Document Preparation

Client Preparation:

Client performs 100% of the document preparation. This includes removal of all barriers, creation, and insertion of make-ready copies to address contrast issues, fragile pages, small pages that won't feed, etc. Client preparation also includes the unbinding or cutting/trimming of books, pamphlets, etc. that are hard bound, and the insertion of Ricoh-provided barcode sheets, patch sheets, or document coding/indexing sheets. Client preparation requires that all pages are loose.

Light Preparation:

Ricoh performs 100% of the preparation and includes the assumptions listed below:

- Documents are 8 ½ by 11" (letter size) up to 11"x17" (tabloid size)
- Ricoh will insert required barcodes and document coding sheets
- 100 barriers (see definition for barrier) with ~25 pages per barrier
- Guidelines are based on average box size (16x12x10 or 1.2cf)

Medium Preparation:

Ricoh performs 100% of the preparation and includes the assumptions listed below:

- Documents are 8 ½" x 11" (Letter Size) or 11"x17" (tabloid size)
- Ricoh will insert required barcodes and document coding sheets
- 101-499 barriers (see definition for barrier).
- Guidelines are based on average box size (16x12x10 or 1.2cf)

Heavy Preparation:

Ricoh performs 100% of the preparation and includes the assumptions listed below:

- Preparation includes mixed paper sizes
- Ricoh will insert required barcodes and document coding sheets
- 500 barriers (see definition above for barrier) or more in per box
- Guidelines are based on average box size (16x12x10 or 1.2cf)

Quality Control

Basic Quality Control:

Document Scanning Specialist will ensure scanner is cleaned and operating as required. Does not include a page-to-image comparison.

Statistical/Sample Quality Control:

Ricoh will complete image to page QC on 10% of the images per box. **Example** - For a box with an images count of 2,500 images - The Ricoh Quality Control Specialist will review (page-to-image comparison) the first 100 images (~4%) of every box, 50 images (~2%) from the middle of the box, and 100 images (~4%) from the end of the box. The quality control process involves the QC Specialist checking for the following items on the ~10% of the population as defined above:

- Ensure all pages defined in the ~10% sampling were scanned
- No missed back sides
- Images are legible to the original
- Images requiring color are scanned per instructions
- Post-it notes handled per instructions
- Physical document breaks captured correctly per instructions

Full/Image-to-Page Quality Control:

Quality Control Specialist will:

- Perform page-to-image comparison of every page
- Ensure all pages are scanned
- No missed back sides
- Images are legible to the original
- Images requiring color are scanned per instructions
- Post-it notes handled per instructions
- Physical document breaks captured correctly per instructions

Reassembly

No Reassembly:

All documents will remain loose, not returned to folders or binders. No removal of barcode and document coding sheets is necessary. Paper returned to its original pick-up box/container

- Documents are not reassembled (re-stapled, re-clipped, re-bound, etc.)
- Documents are not returned to original folders or binds
- Documents are placed in original pick-up box/container
- Document order is maintained
- Ricoh may or may not remove barcodes placed in the documents during the preparation process

Light Reassembly:

Re-Assembly includes placing pages into folders (not including placing on prongs or within binder rings) without any staples or clips or any other type of barrier. Ricoh may or may not remove barcode and/or document coding sheets.

Medium Reassembly

Re-Assembly includes placing pages into folders, placing them on prongs or binder rings without any staples or clips or any other type of barrier. Ricoh may or may not remove barcode and/or document coding sheets.

Heavy Reassembly:

Re-Assemble documents as originally received. All barriers replaced as original. Ricoh will remove barcode and document coding sheets.

Digital Imaging Services

RICOH
imagine. change.

Security: Processing Centers



Certifications and Accreditations

Ricoh has various third-party certifications and accreditations:

- Ricoh USA, Inc. is Safe Harbor certified for our processing centers.
- Ricoh has undergone a Service Organization Controls (SOC) Type 2 audit. A copy of the report, issued by PricewaterhouseCoopers, is available upon request.

Keeping your electronic data and documents secure as well as ensuring the privacy of your employees and customer is critical to the success of your business. If your information becomes compromised, the risk to your reputation and overall goodwill — along with potential sanctions and damages — is greater than ever before. Therefore, it is crucial that your documents are entrusted to a partner who understands document and data security and offers proactive solutions to assist you in protecting your information.

Ricoh is that partner. At our processing centers, our training, processes and technology are designed to provide security for your documents throughout the entire engagement, from the point of pickup to final delivery.

Employee Training & Confidentiality

Ricoh knows that security starts with our employees. Our team is trained and experienced in managing sensitive and confidential documents. We provide focused training on the proper security protocols.

Ricoh's employee training and confidentiality measures include, but are not limited to:

- Annual confidential information training for all processing center employees
- Employee confidentiality agreements
- Company code of ethics
- Pre-employment background checks

Security: Processing Centers

Facility Security

Ricoh's processing centers are secured with controlled, restricted and monitored access. Electronically stored information (ESI) and paper are physically protected within our centers and are subject to our data security policies and processes. We also conduct regular and unannounced security audits to review and reinforce compliance.

Ricoh's facility security measures include, but are not limited to:

- A dedicated corporate security team
- Site-specific business continuity plans
- Security leads in each location
- All facilities locked and secured 24/7
- All office access is controlled and monitored
- All guests escorted at all times
- Regular and unannounced security audits
- Clean desk policy
- No personal items allowed in production areas (including cell phones)
- Production areas are controlled and monitored

Electronic Document Management System Security – DocumentMall™

Ricoh can provide images and index data for import into virtually any commercially available electronic document management system, including DocumentMall from Ricoh – a powerful, Web-enabled document management and storage solution.

DocumentMall security measures include, but are not limited to:

- All data is stored in the data center and is protected from loss, corruption, and unauthorized access
- Physical perimeter and internal defenses designed to protect against unauthorized access to the systems and internal network
- Firewalls and intrusion detection/prevention systems, with monitoring and event logging to evaluate potential threats
- Multi-tiered system architecture to limit access and vulnerabilities due to security breaches
- Redundant storage devices to prevent data loss and ensure integrity
- Regularly scheduled data backups with remote storage of duplicates and a documented recovery plan
- Hardened operating systems on all production machines with regular security patching and vulnerability scanning

Data Security

Ricoh recognizes the importance of protecting your data and treats all data, regardless of classification, as confidential. Ricoh's processing center team works hand-in-hand with Ricoh's physical and information security teams, as well as legal and audit departments, to ensure that robust, relevant data policies, procedures and processes are always in place.

Ricoh's data security measures include, but are not limited to:

- Secure indexing process
- Dedicated, secure document network
- Production area access is restricted and monitored
- Data transmissions utilize SSL 128-bit encryption or better, including importing and exporting of data
- Application-level security for role-based user access privileges
- Audit logs capture user activities
- Third-party vulnerability assessments performed on routine basis
- Anti-virus management

Document Security

Ricoh understands the risks associated with the movement of client documents. That's why we track all documents from initial pickup, through the production process, and to delivery through a documented chain of custody. Ricoh offers company-owned vehicles to provide secure local document pickup and delivery services, and we offer encrypted media delivery upon request.

Ricoh's document security measures include, but are not limited to:

- Local pickup and delivery by trained Ricoh employees
- Documents are secured at every point
- Delivery media encrypted upon request; during transportation data is protected using AES 256-bit encryption
- Secure File Transfer Protocol is utilized for electronic data transfers
- Documented chain of custody
- All documents, regardless of classification, are treated as confidential

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Appendix C: Transportation for Physical Records

Transportation Discussion Details

- The total volume of boxes to be transported Select one... exceed 100 boxes
  - Office Hours (Customer's Local Time): 8:00 – 5:00
  - Any special instructions (E.g. non-typical working days):
- Note: Most Ricoh-provided shipping starts at $1,000 per trip outside of a 100-mile radius of BIS Centers.

Common Transportation Options

- **Courier (Box Truck or Van)** - For any size shipments and box sizes.
  - Box Truck sizes vary and may be scaled based on qty of boxes to transport

Box trucks are most common. Below are some alternate shipping methods that could help reduce costs, depending on the size and needs of the project:

- **ReloCubes** - For any size shipments and box sizes.
  - Cubes can handle up to 150 standard (1.2 cu ft) boxes per ReloCube.
  - Cubes can be dropped off one day for loading and picked up the next day for transport.
  - ReloCubes are not available at all locations.
  - ReloCubes do not require a loading dock. They take up half of a typical sized parking spot.
  - Locks are not provided, but they can be locked with Customer supplied locks.
    - If using a combination lock, Customer to send the combination to Ricoh PM
  - Multiple ReloCubes may be rented if a loading dock is not available.
    - Less practical if over 300 boxes due to client loading labor requirement
  - Pallets are not recommended for ReloCubes.
    - Boxes must be loaded directly on the floor of the cube and stacked accordingly for transport
    - They must be loaded properly for transport against walls with no gaps and as flat as possible
    - Customer Select one... provide a flat, open space where the ReloCubes can be offloaded and placed for loading
    - How long will the client need to load or unload the ReloCube? 1 days

- **Exclusive Use Semi-Trailer** - For larger size shipments (70+) of any box sizes.
  - Commonly chosen for larger projects with multiple populations, longer distances and / or many boxes
  - Require boxes to be on Pallets & shrink wrapped. A loading dock is required.
  - Loading Dock: The Customer Select one... a Loading dock that can handle a 53' trailer
    - Client Select one... provide palletizing / shrink wrap
    - Client Select one... require provide forklift / pallet jack and their own staff to load
    - All answers should be yes to use this option.
      - For pickups in large metropolitan areas where freight traffic is high, a trailer with a lift gate may be requested. In this case, pallets with shrink wrapped boxes are still required but a loading dock is not. A pallet jack would be needed. This is rare.
    - Client may elect to select a specific carrier. However, Client will work directly with them to schedule and procure the service and pay that carrier directly.

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:	Building Maintenance						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
1	Roofs - Town Facilities - Library	3	500,000		250,000		850,000	1,600,000.00
2	Police Station Main Entrance	3	200,000					200,000.00
3	Community Center Chiller Replacement / HVAC	3	300,000	825,000		800,000		1,925,000.00
4	Eugene O'Neill Theater - Roof	3	210,000					210,000.00
5	Town Dock	3	250,000					250,000.00
6	Municipal Parking Lots (Police/Public Safety/YSB)	3		400,000	400,000	400,000		1,200,000.00
7	UST Community Center	3			95,000			95,000.00
8	Vacant School Buildings - Cohanzie	3		30,000		500,000		530,000.00
9	Fuel Management Upgrade	3		25,000	45,000			70,000.00
10	Jordan Park House	3		10,000	10,000	10,000	10,000	40,000.00
11	EV Charging Stations	3		60,000				60,000.00
12	Municipal Facilities Master Plan	3		175,000				175,000.00
13	Eugene O'Neill Sewers	3			250,000			250,000.00
	TOTALS		1,460,000.00	1,525,000.00	1,050,000.00	1,710,000.00	860,000.00	6,605,000.00

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Roofs - Town Facilities - Library	**DEPARTMENT PRIORITY** 1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Replacement of the roof at the Library for FY 27 with addressing the roof at Town Hall in FY 29 and Community Center in FY 31
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	If not addressed, additional funds for repairs, indoor air quality testing and cleaning will continue until the roof is replaced.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Expanded narrative.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		500,000		250,000		850,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**500,000**	**0**	**250,000**	**0**	**850,000**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Roofs – Town Facilities – Library

Roofs have been replaced at the Public Safety Building and repaired at the Police Station. The effort needs to continue to the other facilities. This project does not address the roofs at the Eugene O'Neill Theater Center (separate project) nor the Fire Houses.

The built-up roofs at the Community Center, Town Hall, and Library were inspected by using infrared scanning of the roofs.

- Town Hall (2003): condition fair
- Community Center (2003): condition fair
- Library (1995): condition poor

The Library is the next facility that must be addressed. The entire flat roof needs to be stripped down to the roof decking. In many areas, the roof insulation is waterlogged causing leaks to the interiors. In the last two years, six service calls have been made to this building to address the leaks and repair the damage that the leaks has caused. Service call frequency is increasing.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Police Station Main Entrance	**DEPARTMENT PRIORITY** 2

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

This project would provide ADA compliant access into the building and the replacement of the seals on the clerestory glass windows that are leaking and causing damage to the interior and exterior sheetrock surfaces.

2 PROJECT STATUS IF IN PROGRESS

Funding is in place for the entrance parking lot to the Police Station. Plans are complete for bid in February of 2026 for this phase.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

Funding in the amount of $114,000 has been approved. Additional funding is required

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Plans are complete for bid in February of 2026 for this phase.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	114,000	200,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**114,000**	**200,000**	**0**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Police Station Main Entrance

This project would provide ADA compliant access into the building and the replacement of the seals on the clerestory glass windows that are leaking and causing damage to the interior and exterior sheetrock surfaces.

Bids for the project were opened on March 11, 2025 with only one contractor responding. The bid was $279,650 far greater that the $114,000 funding available.

ADA improvements to the HC parking spaces and front walkways is being addressed in a separate project.

Additional funding for the Police Station main entrance is required.

- Architect Estimate - $275,000
- Escalation is 6% bringing the construction cost to - $291,500
- Soft costs (Permitting, Architect construction support) 8% of construction cost $24,000
- 10% Construction Contingency - $29,000

  Total $344,500

- Funding already appropriated - $114,000

Additional Funding Request - $200,000.

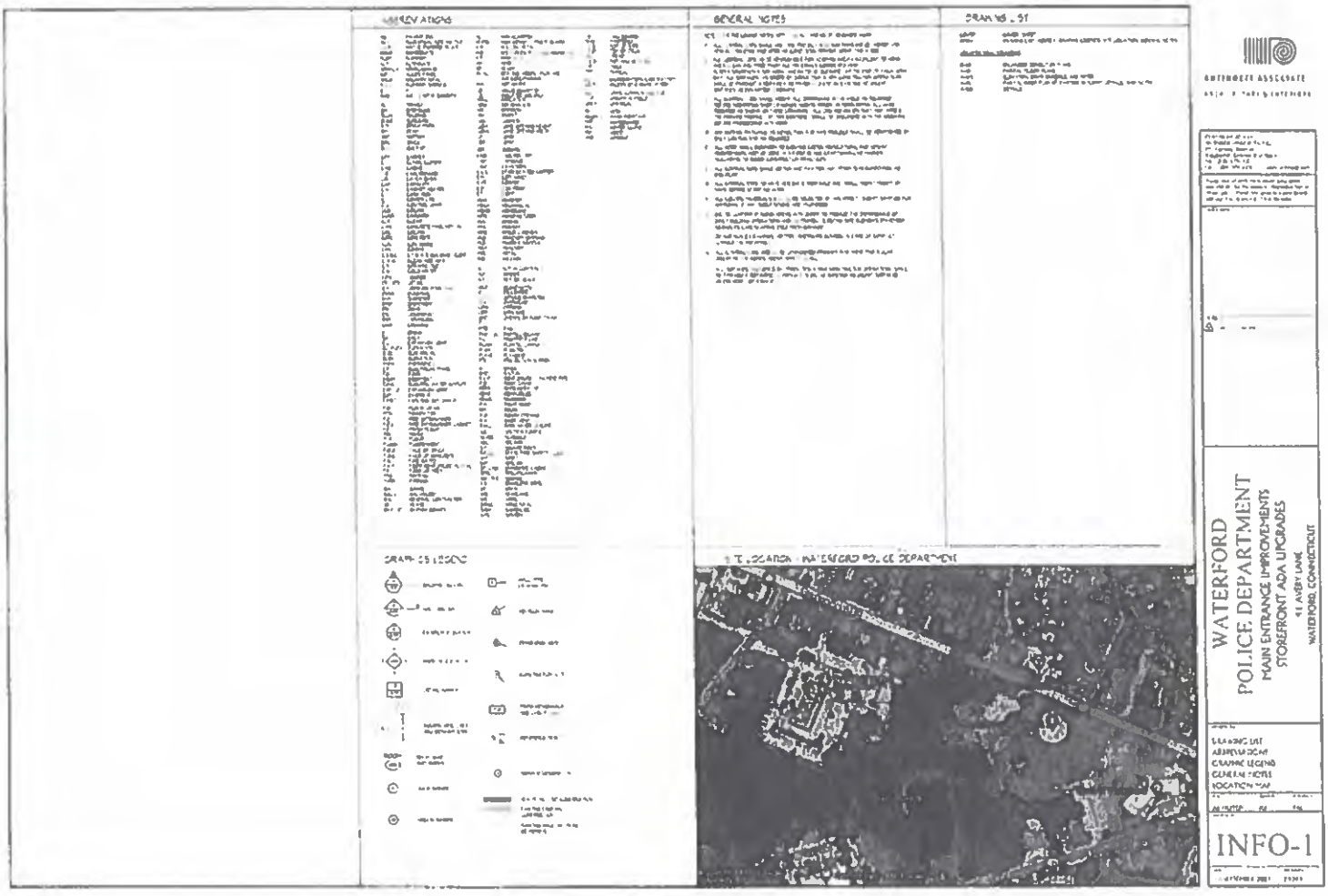
WATERFORD
POLICE DEPARTMENT

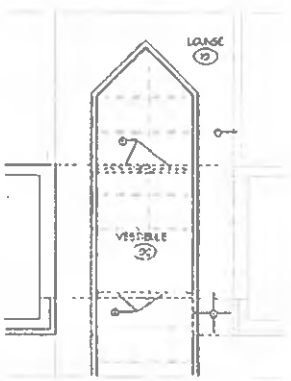
MAIN ENTRANCE IMPROVEMENTS
41 AVERY LANE, WATERFORD CT

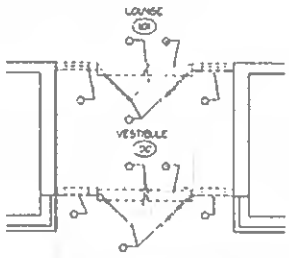
Town of
Waterford, CT

DATE: SEPTEMBER 10, 2024

ANTIMARESI ASSOCIATES
ARCHITECTURE & INTERIORS PC


GENERAL NOTES
DRAWING LIST
WATERFORD POLICE DEPARTMENT
MAIN ENTRANCE IMPROVEMENTS
STORE FRONT ADA UPGRADES
11 AVERY LANE
WATERFORD, CONNECTICUT
INFO-1





GENERAL DEMOLITION NOTES

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FLOOR DEMOLITION NOTES

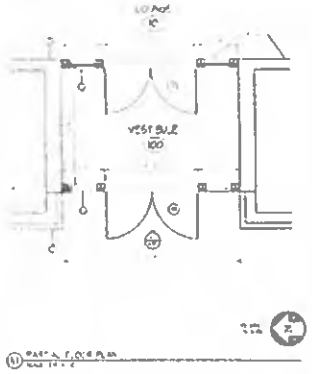
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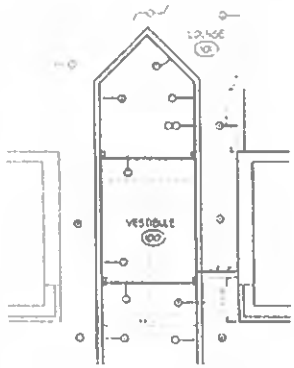
ANTHONY ASSOCIATES

WATERFORD
POLICE DEPARTMENT
MAIN ENTRANCE IMPROVEMENTS
STOREFRONT ADA UPGRADES
41 AVERY LANE
WATERFORD, CONNECTICUT

ENLARGED DEMOLITION PLANS

D-101





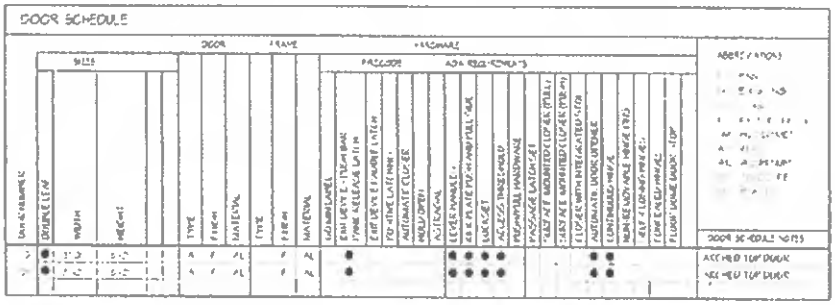
GENERAL CONSTRUCTION NOTES

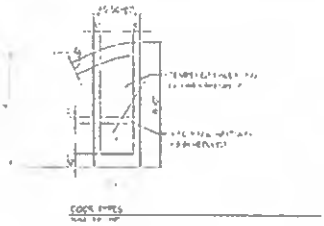
CONSTRUCTION NOTES

WATERFORD
POLICE DEPARTMENT
MAIN ENTRANCE IMPROVEMENTS
STOREFRONT ADA UPGRADES
41 ANDY LANE
WATERFORD, CONNECTICUT

A-101

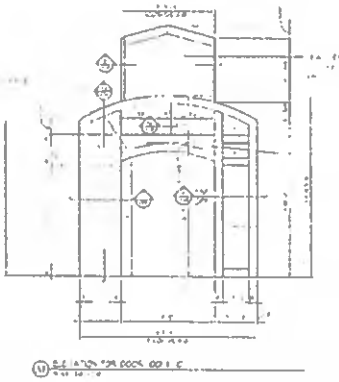
DOOR SCHEDULE





DOOR TYPES

GENERAL DOOR AND HARDWARE NOTES



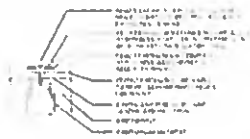
WINDOW ASSEMBLY NOTES

WATERFORD ASSOCIATES

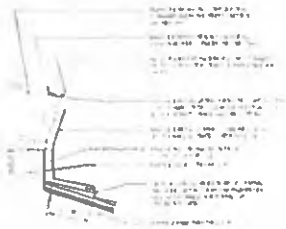
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STOREFRONT ADA UPGRADES
41 AVERY LANE
WATERFORD, CONNECTICUT

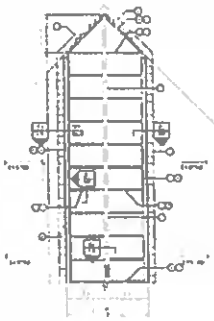
ELEVATIONS
SCHEDULES AND NOTES

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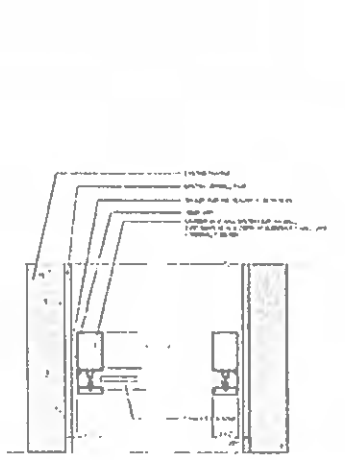
GENERAL ROOF DEMOLITION NOTES

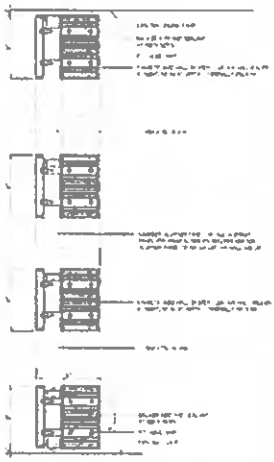
ROOF CONSTRUCTION NOTES

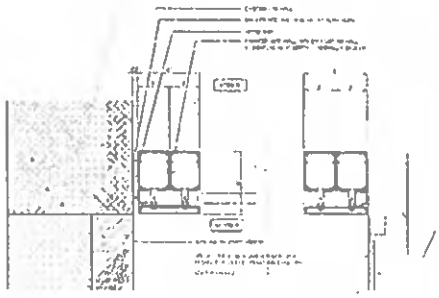
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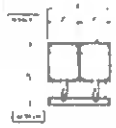
WATERFORD
POLICE DEPARTMENT
MAIN ENTRANCE IMPROVEMENTS
STOKEFRONT ADA UPGRADES
41 ANDY LANE
WATERFORD CONNECTICUT

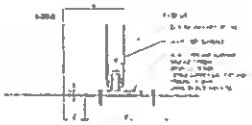
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WATERFORD
POLICE DEPARTMENT
MAIN ENTRANCE IMPROVEMENTS
STOREFRONT ADA UPGRADES
WATERFORD CONNECTICUT

A-501

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Community Center Chiller Replacement/HVAC	**DEPARTMENT PRIORITY** 3

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The chiller is at the end of its service life. It is original to the building (2003). If this unit fails during the cooling season, most services at the building would have to be cancelled. Potable window exhaust cooling units that were used at the Library would not work in this facility. It must be timed so that the unit can be taken offline in November of the calendar year. The plan is to have the unit installed in early spring of 2028. Also included is the installation of heating coils for internal rooms
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	The operating budget impact would be for the rental of temporary cooling units and the costs to install.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Attached expanded narrative

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		300,000	825,000		800,000	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**300,000**	**825,000**	**0**	**800,000**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Community Center Chiller Replacement / HVAC

Over the years, Town Hall 2003, Youth Service Bureau (YSB) 2003, Library 2025 (main level only) and Municipal Complex 2020 HVAC systems have been addressed. These buildings will still require component replacement in the future.

The major renovation work remaining is:

- Public Safety: The January 2020 report found that most of the equipment at Public Safety is "operating beyond their useful service life". Although the boilers have been replaced as part of the natural gas conversion, an underground tank removed and the roof top unit has been replaced, the remainder of the system must be addressed. This project will address the remaining components at the Public Safety Building, a critical facility housing the Director of Fire Services, the Office of the Fire Marshal, and Emergency Dispatch. The Design Engineer has completed the plans and cost estimate. Once the remaining funding is approved, the project can be placed out to bid.

- Police Station: The January 2020 report found at the Police Station; "...existing equipment such as the exhaust systems, cabinet unit heaters and radiant ceiling panels throughout the building are original to the 1990 construction. A large quantity of the equipment mentioned are nonfunctional". Although the natural gas conversion replaced the burner on the boiler and removed the underground tank, here too, the rest of the system at the Police Station must be addressed. In the FY 2025, funds were appropriated to start the design.

- Library: The entire HVAC system was designed to be replaced. Bid results allowed only the main level to be completed. The basement level needs to be addressed. The work remaining is the removal of an oil fired furnace, a new packaged roof top dedicated outside air unit, removal of the existing ductless split AC units and installation of split heat pumps with all associated electrical, ductwork, controls and general trade work.

Component Replace/Minor Improvements

- Community Center: The chiller is at the end of its service life. It is original to the building (2003). If this unit fails during the cooling season, most services at the building would need to be cancelled until a trailer-mounted unit could be rented. Portable window exhaust cooling units that were used at the Library would not work in this facility. Design, bid and award would take about 12 weeks, a lead-time of 14 weeks after the project award. Once the equipment is on-site, 6 weeks to install and commission. It must be timed so that the unit can be taken offline in November of the calendar year. The plan is to have the unit installed in early spring of 2027. Also included is the installation of heating coils in the ventilation system for several internal rooms. It was hoped that the heat would migrate into these spaces. That has not happened.

All buildings will be connected to the Building Management System (BMS) to monitor, control the use of energy, equipment run time and identify equipment failures. Local access is given to a facility user to assist in scheduling of the spaces.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Eugene O'Neill Theater Center Roof	**DEPARTMENT PRIORITY** 4

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Dina Merrill Theater Building is a town structure. A portion of this building was addressed with the installation of a new roof in 2019 using Town funds. The remaining portion of the theater pitched roof not addressed continues to lose asphalt shingles causing leaks. A second roof area in this building that has now failed. A flat roof area has failed due to the install of the RTU on pressure treated boards that have settled into the membrane roof. The RTU was manufactured in 1998. It provides heating and cooling to theater. It is at the end of its service life. The exiting unit must be removed along with the roof and new rafters installed next the compromised exiting rafts. Damage to interior surfaces and loss of the use of the space are just two of the consequences of the current condition of the roof.
2	**PROJECT STATUS IF IN PROGRESS**
	Roof Investigation of the flat section report dated May 21, 2025.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Increase costs in professional services operations budget, having a contractor find the leak and patch.
5	**GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**
	Attached expanded narrative memorandum, photos, report of May 21
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		210,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**210,000**	**0**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Eugene O'Neill Theater – Roof

The site consists of 15 buildings and structures. Of those 15, 8 of the structures are the responsibility of the O'Neill. The seven other structures fall under the Lease Agreement while defines the relationship as it pertains to maintenance and repair of the Town owned buildings. The projects identified are not maintenance, repair and fall under Capital.

The site has seen the re-roofing of the Hammond Mansion along with repointing of its brick chimneys. That was completed in 2023 using ARPA funds.

A portion of Dina Merrill Theater Building's roof was addressed with the installation of a new roof in 2019 using Town funds. The remaining portion of the theater pitched roof that was not addressed continues to lose asphalt shingles causing leaks into the performance and control areas. A second roof area in this building has now failed. The flat roof area has failed due to the installation of the Heating/Cooling unit on pressure treated boards that have settled into the membrane roof. The unit was manufactured in 1998. It provides heating and cooling to theater. The unit itself is at the end of its service life.

The exiting unit must be removed along with the roof and new rafters installed, next the compromised exiting rafts, a new roof deck and membrane roof. The heating/cooling unit will be installed on a curb.

Damage to interior surfaces and loss of the use of the space are just two of the consequences of the current condition of the roof in these two areas.

RZ Design Associates, Inc.
A GM2 COMPANY

May 21, 2025

Gary J. Schneider
Director of Public Works
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

Subject: Eugene O'Neill Theater Center Roof Investigation
305 Great Neck Road, Waterford, CT

Dear Mr. Schneider:

On May 20, 2025, we visited the site to visually observe the structural condition of the existing roof framing over the Control Room at the Dina Merrill Theater on the Eugene O'Neill Theater Center campus. The site visit also included a review of the installation of the existing rooftop unit that is located directly above the Control Room.

STRUCTURAL CONDITION OF ROOF FRAMING

The existing 2nd floor Control Room has inside face of wall to inside face of wall dimensions of 11'-0" x 17'-0". The existing roof construction is plywood roof deck on 2x8 wood rafters spaced 16" o/c maximum, with the rafters spanning the 11'-0" dimension, and bearing on wood stud walls at each end.

Portions of the existing gypsum ceiling were removed to expose the roof rafters and underside of the existing plywood roof deck. We observed that water has severely and extensively penetrated the existing roof plywood deck deteriorating a large portion of the roof deck and effecting the structural integrity of the existing roof rafters. See Photos #1 through #4.



PHOTO #1



PHOTO #2

T 860.436.4336 • F 860.436.4450
rzdesignassociates.com
gm2inc.com

750 Old Main Street, Suite 202 • Rocky Hill, CT 06067
31 Hayward Street, Suite A-1 • Franklin, MA 02038
1111 N. Westshore Boulevard, Suite 450 • Tampa, FL 33607



PHOTO #3



PHOTO #4

ROOFTOP UNIT INSTALLATION

The existing rooftop unit (RTU) is a Trane model YCH120 nominal 10-ton packaged gas/electric rooftop unit that was presumably installed shortly after its August 1998 manufacturer date. The RTU provides cooling and heating of the Dina Merrill Theater. The RTU is configured for horizontal airflow; exterior supply and return ductwork connect to the side of the unit and penetrate the exterior wall into the theater The RTU sits near the back (east) edge of the small section of "flat" roof located above the Control Roof at the north end of the theater. The "flat" roof slopes gently from west to east to allow the roof to drain over the east edge of the roof. The RTU appears to sit on top the roof membrane on a pressure treated 2x8 wood perimeter frame

Over the years it appears the weight of the unit has depressed the roof insulation allowing water to pool around the unit. Although no damage to the roof membrane was observed, the fact that water continues to infiltrate the roof directly below the unit suggests that the 2x8 pressure treated wood RTU frame may have compromised the roof membrane. See Photos #5 and #6.



PHOTO #5

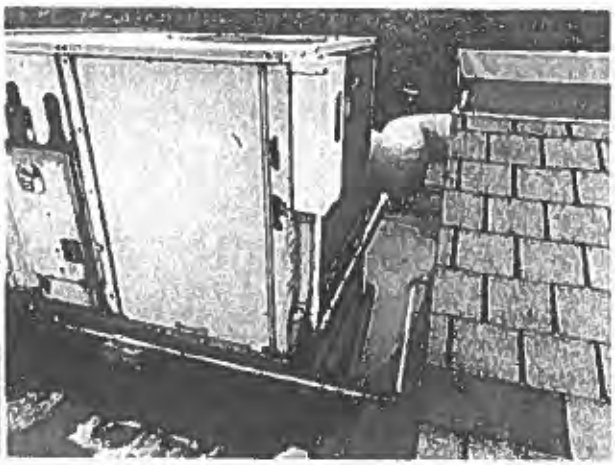


PHOTO #6

RECOMMENDATIONS

The existing roof framing needs to be removed and replaced with new 2x8 at 16" o/c maximum roof rafters spanning the 11'-0" dimension. The existing roof rafters could be left in place as dead with the new rafters installed parallel to the existing rafters but located in the space between the existing rafters. New 5/8" APA Structurally rated exterior grade Exposure 1 plywood roof deck will need to be installed atop of the new roof rafters and fastened to the new framing with 0.148" x 3" galvanized nails spaced at 6" o/c maximum along the plywood panel edges and 12" o/c maximum in the field of the plywood panels. Additional (2) - 2x8 roof rafters will need to be installed under the two (2) edges of the RTU curb parallel with the single roof rafters, to support the corners of the RTU.

Until the new roof framing can be installed: the existing roof construction will need to be shored by positioning the shoring posts beneath the four (4) corners of the existing RTU and continuing with shoring posts under the floor framing of the Control Room down to the slab on grade below.

To facilitate the structural repair, the existing rooftop unit, support frame, roof membrane and roof insulation materials will need to be removed. As the existing rooftop unit is operating beyond its recommended service life of 20 years and utilizes R-22 refrigerant, which was phased out of production in 2010 due to its high ozone depletion potential, a new rooftop unit should be installed utilizing a standard roof curb that sits directly on top of the plywood roof deck and is properly flashed into the roofing.

If you have any questions, please do not hesitate to contact this office.

Sincerely,

Bruce R. Perrone, P.E.
Vice President – Structural

STATE OF CONNECTICUT
BRUCE R. PERRONE
No. 14916
LICENSED
PROFESSIONAL ENGINEER

Kenneth A. Hipsky, P.E.
Vice President - Mechanical

STATE OF CONNECTICUT
KENNETH A. HIPSKY
No. 21720
LICENSED
PROFESSIONAL ENGINEER

Gary Schneider

From: Bruce Perrone <BPerrone@rzdesignassociates.com>
Sent: Thursday, May 22, 2025 4:06 PM
To: Kenneth Hipsky; Gary Schneider
Subject: 25-096 RE: O'Neill Theater Roof

CAUTION: This email originated from outside of the organization.
Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Hi Ken

Regarding Question #3: the shoring posts can be minimum 4x4 wood posts.

BRUCE PERRONE, PE
P 860.436.4336 x157
C 860.830.2868

-----Original Message-----
From: Kenneth Hipsky <khipsky@rzdesignassociates.com>
Sent: Thursday, May 22, 2025 10:21 AM
To: Gary Schneider <gschneider@waterfordct.org>
Cc: Bruce Perrone <BPerrone@rzdesignassociates.com>
Subject: O'Neill Theater Roof

Gary,

See my responses below.

Ken

-----Original Message-----
From: Gary Schneider <gschneider@waterfordct.org>
Sent: Thursday, May 22, 2025 8:17 AM
To: Kenneth Hipsky <khipsky@rzdesignassociates.com>
Subject: O'Neill Theater Roof

Questions:
1. Range of cost for unit and roof?

Replacement of the HVAC unit will be in the range of $50k. I spoke with Andrew at QAM about the roof. Being such a small size its hard to estimate a cost, but on larger roofs he is seeing upwards of $35/sqft for roofing. Figure double that, is about $15k for the roof. Then there's the cost to sister/replace the rafters and new decking...which could easily run another $15k. He also recommends putting a gutter and downspout to divert the water to grade rather than let it run down the wall. All in, you could be in the range of $100k.

2, If the 2 x 8 have not been compromised, and the roof deck hasn't either (it is leaking, but no one seem the decking itself showing any failure), why is I shoring up the HVAC Unit?

The 2x8's and decking have been compromised which is why Bruce is recommending shoring the corners of the unit to take the load off the rafters. It's hard to tell how much the rafters and deck have been compromised, so the safest bet is to temporarily shore the unit.

3. If shoring posts are still needed, what would that size be? Bruce - could you chime in on this question?

4. I will be purchasing a Diverter Tarp, that will hang from the ceiling in the room. Do you know of any exterior pump that can be installed to pump down that "pool"?

Wondering if it might make more sense to poke a hole in the exterior wall and let the tarp drain by gravity out the building so you are not depending on a pump that could fail. If you want a pump a simple packaged system would do (i.e. Liberty Pump model 404) but it would still need to be piped to the building exterior.

Gary J Schneider
Director of Public Works
Town of Waterford
Public Works Department

-----Original Message-----
From: Kenneth Hipsky <khipsky@rzdesignassociates.com>
Sent: Wednesday, May 21, 2025 10:03 PM
To: Gary Schneider <gschneider@waterfordct.org>
Subject: O'Neill Theater Roof

CAUTION: This email originated from outside of the organization.
Do not click links or open attachments unless you recognize the sender's email address and know the content is safe.

Hi Gary,

Report attached. Let me know if you have any questions.

Thanks,

Ken

MODEL 404

"Short Profile" Drain Pump

Liberty Pumps

A Family and Employee Owned Company

1/3 hp

3/8" Solids handling

Featuring QuickTree® technology for easy switch access!

Short Profile! Only 11" Tall



Features

- Factory pre-assembled, ready to install
- Fully automatic operation
- Short profile design for compact areas – only 11" tall
- Separate access cover for easy switch inspection (QuickTree®)
- Integrally molded rubber gasket for a superior gas-tight seal
- Standard alarm and Wi-Fi alarmed models available

Applications

- Bar sinks
- Laundry trays
- Dehumidifiers
- Utility sinks
- Gray wastewater drainage below gravity lines



SSPMA CERTIFIED

C SA US

Model 404

Features

- Compact design for tight areas
- Factory pre-assembled
- Fully automatic operation
- QuickTree® technology allows quick inspection and removal of float switch without disconnecting the plumbing
- Integrally molded rubber gaskets for a superior gas-tight seal
- Oil-filled, hermetically sealed motor with thermal-overload protection, 10' 3-wire power cord with grounded plug
- Corrosion-resistant polyolefin basin with molded-in connections
- Maintenance free, permanently lubricated sealed bearings
- 3/8" Solids handling

Maximum fluid temperature 104°F continuous duty, 140°F intermittent duty. Not intended for use with chemicals

Motor Specifications

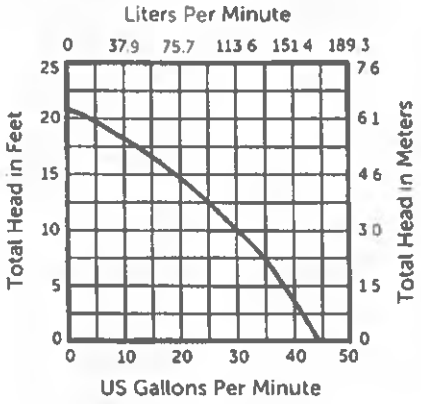
1/3 hp 115V 5.2A
Oil-filled, Thermally protected

Dimensional Data

Weight: 13 lbs
Height: 11-1/8"
Major Width: 13 3/4"
Total Basin Capacity: 43 gallons

Performance Curve

60 Hz 3450 RPM

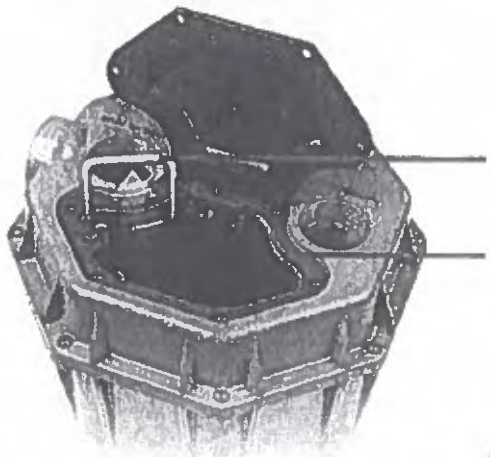


Models

MODEL	HP	VOLTS	DISCHARGE INLET & VENT	STANDARD ALARM	NightEye® Wi-Fi ALARM	CHECK VALVE INCLUDED
404	1/3	115	1-1/2"			
404CV	1/3	115	1-1/2"			X
404/A	1/3	115	1-1/2"	X		
404CV/A	1/3	115	1-1/2"	X		X
404/A-EYE	1/3	115	1-1/2"		X	
404CV/A-EYE	1/3	115	1-1/2"		X	X
404L	1/3	115	2"			

Alarmed models come with factory mounted alarm float system. No assembly required. See alarm literature for A, M Series standard alarm or NightEye® Wi-Fi alarm for complete alarm specifications.

404CV models are CSA certified to the UPC and IPC requirements of ASME A112.3.4 / CSA B45.9



QuickTree® technology allows easy removal of float switch without disconnecting plumbing or pulling the pump.

Heavy-duty integrally molded rubber gasket provides a superior seal. Meets 10' stack test requirements.

Specifications subject to change without notice
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Liberty Pumps - 7000 Apple Tree Avenue - Bergen, New York 14416
Phone 800-543-2550 - Fax 585-494-1839 - LibertyPumps.com

GRAINGER

Products Based on Your Search



APPROVED VENDOR
Leak Diverter Tarp: 3 ft...

Web Price
$21.08 / each



APPROVED VENDOR
Leak Diverter Tarp: 7 ft...

Web Price
$69.29 / each

PIG Leak Diverter Tile: 4 ft Lg, 2 ft Wd, Clips Lea...

Web Price
$308.45 / each

Related Categories



Leak Diverters



Spill Trays, Drip Pillows & Leak Protection



Sorbents, Spill Control & Spill Containment

Product Categories Safety Sorbents, Spill Control & Spill Containment Spill Trays, Drip Pillows & Leak Protection Leak Diverters
APPROVED VENDOR Leak Diverter Tarp 15



APPROVED VENDOR Leak Diverter Tarp: 15 ft Lg, 15 ft Wd, Polyethylene, Black/Silver

Item **3ZRU5** Mfr. Model **3ZRU5**

Web Price
$152.78 / each

Qty 1 Add to Cart

Ship Pickup

Expected to arrive **Fri. May 23.**

Ship to **06101** | **Change**

Shipping Weight **9.05 lbs**

Ship Availability Terms

Add to List

Product Details

Catalog Page **N/A**

Brand **APPROVED VENDOR**

Manufacturer Part Number **3ZRU5**

Leak Diverter Application **Ceiling; Pipe**

Leak Diverter Mounting Style
Bungee Cords with Hooks
Drawstrings
Hooks
Straps

Compliance & Restrictions

⚠ **WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov**

Alter

Chat with an Agent

Gary Schneider

From: Gary Schneider
Sent: Thursday, May 22, 2025 8:17 AM
To: 'Kenneth Hipsky'
Subject: RE: O'Neill Theater Roof

Questions:
1. Range of cost for unit and roof?
2, If the 2 x 8 have not been compromised, and the roof deck hasn't either (it is leaking, but no one seem the decking itself showing any failure), why is I shoring up the HVAC Unit?
3. If shoring posts are still needed, what would that size be?

I will be purchasing a Diverter Tarp, that will hang from the ceiling in the room. Do you know of any exterior pump that can be installed to pump down that "pool"?

Gary J Schneider
Director of Public Works
Town of Waterford
Public Works Department

-----Original Message-----
From: Kenneth Hipsky <khipsky@rzdesignassociates.com>
Sent: Wednesday, May 21, 2025 10:03 PM
To: Gary Schneider <gschneider@waterfordct.org>
Subject: O'Neill Theater Roof

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Hi Gary,

Report attached. Let me know if you have any questions.

Thanks,

Ken

PRIME ELECTRIC
33 Wisconsin Ave
Suite 101
Norwich, CT 06360

Estimate

Date	Estimate No.
9/24/2025	8478

Customer

Town of Waterford
15 Rope Ferry Road
Waterford, Ct 06385

Customer Number	Terms	Rep
	Net 30	

Description	Cost	Total
Eugene O'Neill Theater The theater roof support cost. To install 4x4 roof support frame under the roof top A/C unit from the second floor and down to the 1st floor and attached to the concrete slab concrete slab. To stop further roof sag. Work space must be free and clear of equipment. Some minor demo is included in this budget to expose framing members as needed NO finishes are included drywall, paint, flooring. This is to prevent further settling. Our work is all under the roof line, any water intrusion, investigation or repair is excluded. Excludes- stamped drawings, permit fees, offshift work. prevailing wages.	7,201.00	7,201.00

1% on past due accounts, 12% Annum. plus attorney and collection fees can be added to past due act's.

Work will be sch. upon acceptance. Due to current commodity volatility this quote is valid for 10 days

Subtotal	$7,201.00
CT Tax (6.35%)	$0.00
Total	$7,201.00

Authorized Signature _____

Phone (860)889-0823 **Toll Free (800)291-2119** **Fax (860)886-2344**
www.primeelectricllc.com **License #CT125431-E1/CT123648-E1 AA/EOE/SBE**

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Town Dock	**DEPARTMENT PRIORITY** 5

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project will replace 2 finger docks and clean the concrete dock of marine life. The electrical and water services to the Police Boat will be also be addressed bringing them to current maritime standards.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Draft Report dated
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	40,000	250,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**40,000**	**250,000**	**0**	**0**	**0**	**0**

PUBLIC WORKS
WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Town Dock

The dock was constructed in the Niantic River off property located along River Street, north of the newly constructed Niantic River Bridge by State DOT after receiving a permit from DEP in June of 1990. Transfer of the dock and the permit occurred after the construction was completed.

It consisted of three finger piers attached to a floating dock, metal gangway to a fixed dock with parking spaces. In 2011, a finger pier was removed and the access restricted to municipal operations only.

In FY23, funds were authorized to replace the two finger piers. After determining the permitting requirements, it was determined the project should take a step back to complete a conditional analysis of the entire structure which will include a structural analysis of the entire dock, an electrical analysis of the dockside service and security upgrades to the site. A permitting analysis will also be completed.

A meeting was held with Town Departments and Commissions who use the existing dock seeking their input on the preliminary findings.

Mago Dock Project
Assessment Report
Waterford, CT

Prepared By:

Barton & Loguidice, LLC
855 Winding Brook Drive
Glastonbury, CT

October 2025
Revised December 2025

Barton&Loguidice

Table of Contents

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Introduction	2
Structural Assessment	4
Electrical Assessment	13
Permitting Assistance	28

Attachment – Estimated Costs

Introduction

Barton and Loguidice, LLC (B&L, "Engineer") was contracted by the Town of Waterford, Connecticut to complete a conditional analysis of the Mago Point Dock for restoration and to provide options for maximum use of the area including probable costs for construction and permitting. The proposed services for the investigation and assessment phase for the Mago Point Dock restoration project were are as follows:

Task 1: Structural Analysis

1. Perform a site visit to collect data, obtain photos and measurements of the existing floating dock systems.
2. Develop up to two (2) conceptual alternatives for the repair and replacement of the floating dock systems. Concepts may include replacement and reconfiguration of the existing layout and the addition of new sections.
3. Develop preliminary opinion of probable construction costs for each conceptual alternative for the dock systems.
4. Develop a summary report describing the existing conditions, the two (2) alternatives and opinion of probable construction costs for each alternative.

Task 2: Electrical Analysis

1. Perform a site visit to collect data, obtain photos and document locations of the existing electrical power infrastructure at the dock location.
2. Develop conceptual plan for electrical upgrades including service replacement, lighting, camera system, and convenience receptacles.
3. Develop preliminary opinion of probable construction costs for the electrical upgrades. Costs will include contractors' overhead, contractors' profit and a project contingency.
4. Develop a summary report describing the existing conditions, the conceptual plan, and opinion of probable construction costs.

Task 3: Permitting Analysis

1. Evaluate permit needs based on the two conceptual design alternatives developed under Task 1.

Permitting needs for this project are largely dependent on construction project scope of work. B&L providing an estimated cost and reasonable timeline for obtainment of those permits. Permitting typically requires a minimum of 50-60% design plans for an adequate submission. No wetland investigations, hydrologic surveys, permit drafting services, tribal and cultural resource coordination, etc. are included in this Task.

Should the project obtain funding in advance, these technical tasks would be revisited and added under a supplemental scope and fee.

October 20, 2025 Meeting Update & Subsequent Meeting December 1, 2025 with the Director of Public Works:

Based on a meetings with the Town of Waterford and other stakeholders, it was decided to separate the structural cost evaluations into three options as outlined below.

Option #1: Remove and replace finger pier #1; reattached finger pier #2 with a more rigid structure; keeping piers in the existing locations; and, perform minor upgrades to the electrical components to enhance the usage of the docks

Option #2: Remove and replace finger pier #1 and finger pier #2, relocate the south pile to the north; relocating at least one of the piles; and, perform minor upgrades to the electrical components to enhance the usage of the docks

Option #3: Demolish all of the piers and the main dock; relocate the south pile to the north; rebuild the dock and the finger piers; and, complete the electrical upgrades to bring the whole area up to current codes

Additionally, it was decided during the meeting to break-out some of the costs associated with the electrical upgrades to have a better understanding of what was needed to bring everything up to code, versus what could be updated now to keep everything functionally sound.

For permitting assessment, it was requested of B&L to contact the DEEP to inquire about the permit requirements for making upgrades in the existing footprint, including relocating the piles.

Refer the end of each assessment for further discussion and recommendations based on feedback received during the meetings.

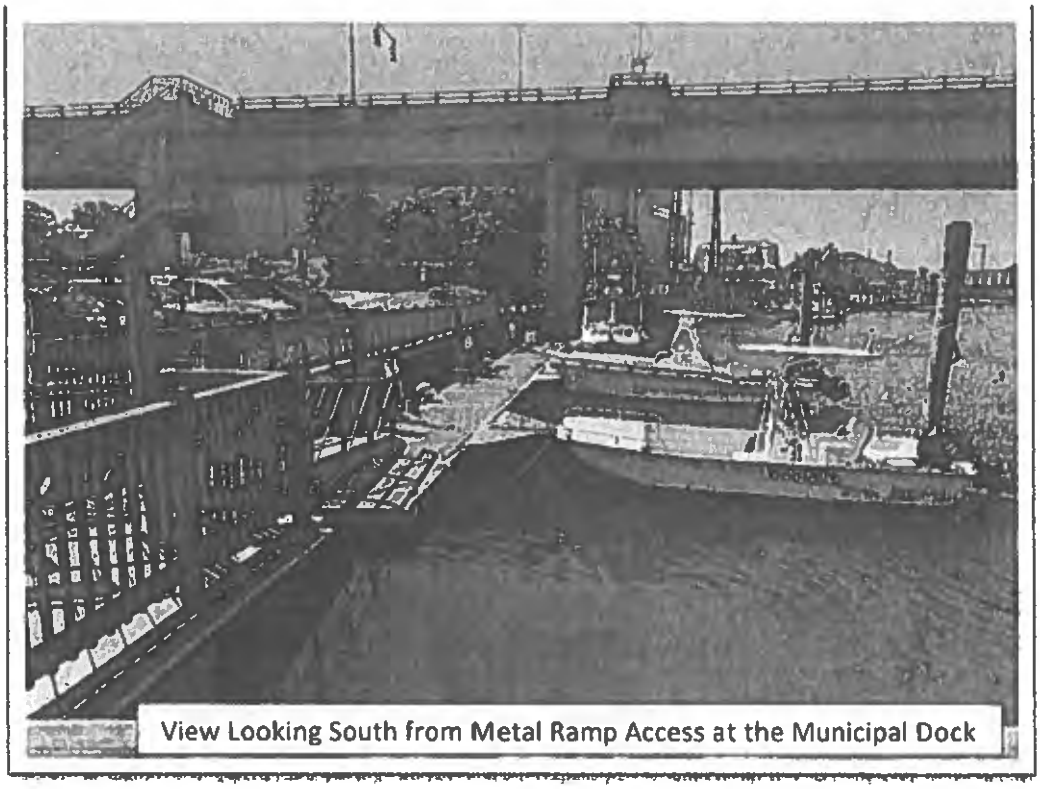
Structural Assessment

At the request of the Town of Waterford, Connecticut, (Town), B&L conducted a visual structural condition assessment of the accessible portions of the Town's municipal floating dock and its adjacent deck. Currently, the dock is closed to the public and only accessible to Town staff and the Police Department. The dock is located on the Niantic River adjacent to the public boat launch at the Mago Point Marina located at 3 River Street, Waterford, Connecticut.

The structural condition assessment was requested to assess the condition of the current dock and determine if adding a third "finger" to the dock is feasible. The Town has voiced concerns with the deck structure adjacent to the dock and stated that asphalt has been poured in the gap between the Trex decking and the adjacent paved lot. The asphalt was intended to eliminate a tripping hazard at the end of the deck transition.

Observations

On Wednesday, June 25, 2025, our facilities team, Julia Connor E.I.T. and Chris June, met with a member of the Town at the Mago Point dock. The municipal dock is accessible by a metal ramp with a locked gate which a local police officer unlocked for us upon our arrival. The B&L team visited the dock to perform a visual structural and electrical evaluation of the dock system and the adjacent deck. We evaluated portions of the structure that were visible/exposed, and we were able to safely access. The existing structure was built in circa 1990, the referenced plans and details for the assembly were provided to us and are included in Permit No. SD-MH-89-259 for the project issued by the State of Connecticut Department of Environmental Protection, dated June 21, 1990. The existing plans show the wood deck, metal ramp, concrete dock structure, and (3) precast fingers, or piers, however only (2) of the (3) fingers remain, the farthest finger from the dock access was demolished.



View Looking South from Metal Ramp Access at the Municipal Dock

The deck and dock system is located adjacent to the Mago Point Marina & boat launch on the Niantic River, attached for reference is a Google Map aerial image of the overall site and the existing building structures. The deck structure is composed of Trex decking overlaying a wood floor system that is supported at the end by wood piles that act as column guides. The dock structure is a floating dock made up of precast concrete slabs that are attached to large wooden piles. The two (2) fingers consist of floating precast concrete slabs attached to large driven piles at either end of the finger or pier. Each finger section or pier has a steel corner brace at its connection to the main floating dock. The metal brace is infilled with wood decking.

The structural system of the dock is primarily timber piles, steel brackets and connections and precast concrete slabs. The adjacent deck has Trex flooring overlaying wood floor system which is supported by large wooden piles.



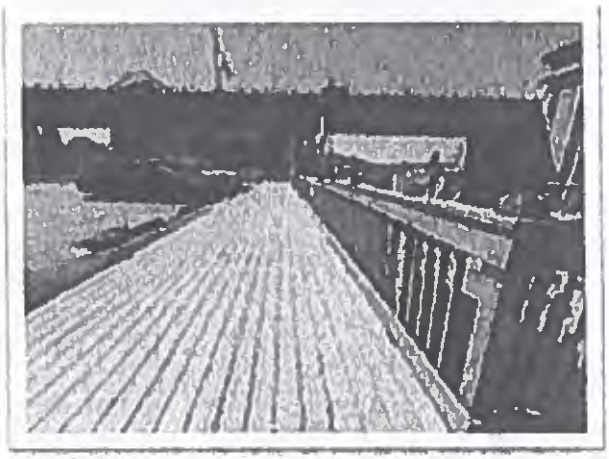
Looking West – Dock + Finger System



Looking West – Finger and Pier



Dock - Timber Piles and Precast Floating Dock



Looking South –Trex Deck Adjacent to Dock

The precast concrete docks are floating and attached to large timber pile guides that allow the system to go up and down with water elevation fluctuations while keeping the dock in-place. Timber piles are located along the shoreline of the dock and at both ends of each finger, or pier section.



Looking Northwest – Floating Dock & Timber Piles

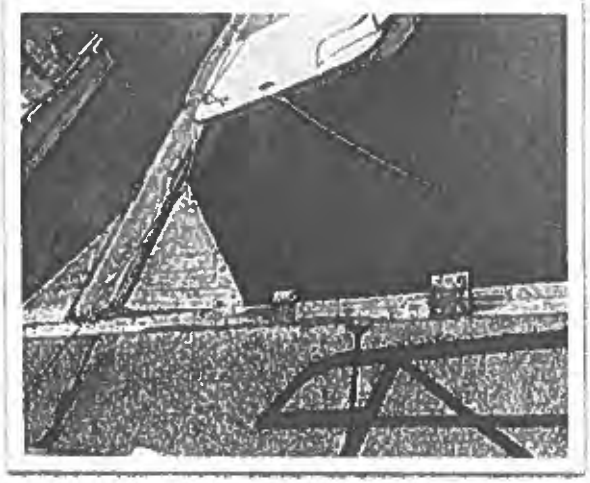


Floating Precast Dock Finger & Timber Pile

We observed a significant amount of misalignment in the first finger that is closest to the dock access ramp. In addition, several bolts are missing from the finger-dock connection and there is a several inch elevation difference between the one side of the finger and the dock. The second finger furthest from the dock access ramp was in sufficient condition.



Looking West – First Finger-Dock Connection



Looking Southwest – First Misaligned Finger



Second Finger – End Transition

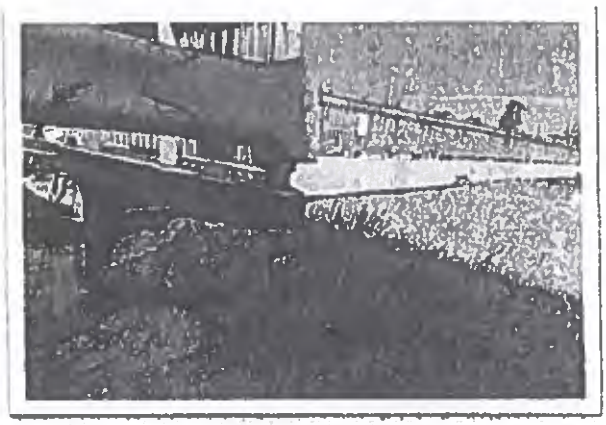


Second Finger - Dock Connection Transition

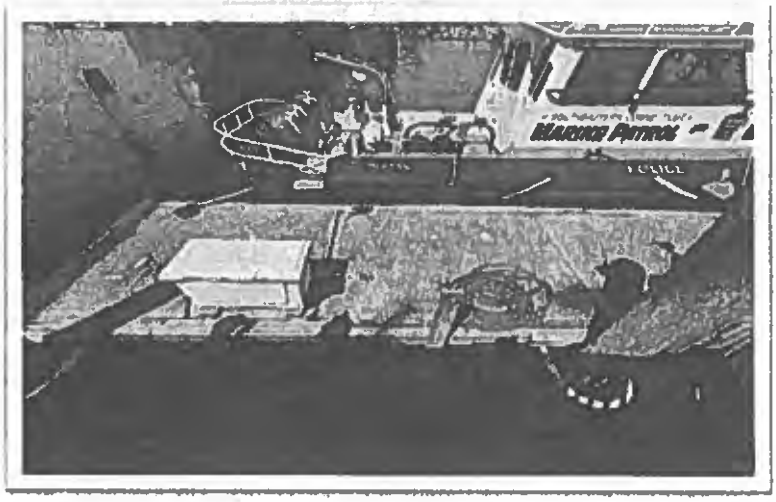
The representative from the Town voiced concern with the deck structure adjacent to the municipal dock. The concern is regarding the wood flooring structure below the Trex decking in that asphalt was placed in the gap between the deck and adjacent parking lot. The intent of the asphalt was to eliminate a tripping hazard at the transition. In addition, the Town would like to add a third finger to the dock on the side closest to the dock access ramp. This is possible; however, finger section would require an extension of the existing floating dock and would only allow for jet skis to be docked and tied-off adjacent to the bank that is covered with riprap.



Looking Northeast – Trex Deck Support Structure Adjacent to the Dock System



Looking Northwest – Trex Decking and Asphalt



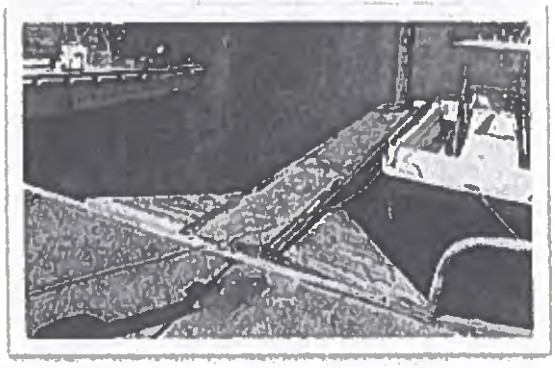
Looking West – Corner of the Dock at the Proposed Third Finger Location and the Marine Patrol Boat

Dock System and Adjacent Deck Structural Conditions Assessment

Based on our visual assessment, the dock system is in sufficient condition and is functioning as intended when installed. We observed a significant amount of rusting and corrosion on several docks to pile connections and finger to pile connections. The first finger to dock connection is missing several bolts and is misaligned. In addition, significant spalling and exposed reinforcing steel of the precast concrete slab surface of the first pier. There are also areas of rust stains on several of the precast concrete slab sections. The condition of exposed sections of the piles, other precast concrete slabs, and adjacent deck floor structure are in good condition.



Looking West – Rusting of Finger-Pile Connection



Looking West – First Finger Spalling Concrete & Rust Marks on Precast Concrete Slab

Rehabilitation

The extent of deterioration of the first precast concrete floating finger section should be removed and replaced. The exposed sections of the timber piles above the water level are in good condition and do not need to be replaced. Based on the observed extent of the concrete surface spalling and rusting of the connections, we are recommending the replacement of the existing system, and the installation of a new precast concrete floating finger complete with new connections. The precast concrete slabs of the second finger along with the main dock section are in good condition, however several dock-pile and finger pile connections are rusted and should be replaced.

The desire to add the third finger dock section would require further investigation into the soils below and the adjacent riprap covered bank. The existing floating dock will likely need to be extended to accommodate the addition of a third finger. It should also be noted that there will not be enough room to fit an entire boat between the new finger and adjacent riprap.

However, the Town mentioned that this additional section would probably only be used to dock jet skis.

Conclusion and Recommendations

In summary, the results of B&L's structural condition assessment of the dock and adjacent deck system, located at the Mago Point Marina in Waterford, Connecticut, show the structures are in good condition. Good condition is generally defined as minimal section loss or identified structural components that require repair or replacement. The main dock section, second finger, dock piles and adjacent deck structure are generally secure and intact. Significant section loss and elevation differences in the first precast finger were identified. In absence of repair or replacement, these conditions will continue to worsen and eventually the connection between the dock and finger will become severely compromised.

Based on our Structural Condition Assessment, we recommend that the entire first precast finger pier be removed and replaced, and any rusted dock-pile or finger-pile connections be painted. It is also recommended to spot-treat any areas of the precast concrete that are rusted and show surface stains. The main precast concrete dock, metal access ramp, second finger, all foundations and piles, and the adjacent deck structures may remain in-place. The demolished first finger should be replaced with floating precast slabs and new connections. The first finger should be attached to the existing piles and main floating dock as shown in existing plans. The Town desires that the third finger be installed in the same orientation and configuration as the two (2) existing fingers; with a new timber pile at the end of the finger and the same connection to the main floating dock. The placement of this finger is recommended at the same location as shown in the Permit. This would change the docking orientation of the marine patrol boat and not be parallel to the shoreline.

The attached opinion of probable construction costs for the recommended repairs and upgrades assumes the repair work will be publicly bid and performed by a general contractor and includes 10-percent overhead, 10-percent profit and 10-percent contingency.

The preliminary opinion of probable construction cost for the recommended upgrades to the dock system is included in the attachment: Estimated Costs by Discipline.

Our structural condition assessment was limited to readily visible and accessible elements and conditions. Concealed conditions that become exposed during future investigations and construction may necessitate changes to the recommendations made herein. We request that B&L be informed of any discovery of additional historic project records (drawings, reports, etc.) and changes to observed conditions as documented herein, so that it may be determined if revisions to the recommendations are necessary.

October 20, 2025 Meeting Update & Subsequent Meeting December 1, 2025 with the Director of Public Works:

B&L staff re-visited the site on October 20, 2025 to re-evaluate the condition of the bulkhead underneath the pedestrian accessible boardwalk. Concerns were raised by the Town about the need to repair/replace the pavement leading up to the boardwalk. B&L did not observe any damage to the bulkhead. Based on the areas that were observed, it does not appear that the bulkhead is failing. It is thought that the top the bulkhead was constructed lower than the surrounding grade and there is some sloughing of the top layers.

Based on a meetings with the Town of Waterford and other stakeholders, it was decided to separate the cost evaluations into three options:

Option #1: Remove and replace finger pier #1; reattached finger pier #2 with a more rigid structure; keeping piers in the existing locations; and, perform minor upgrades to the electrical components to enhance the usage of the docks

Option #2: Remove and replace finger pier #1 and finger pier #2, relocating the piers to the north; relocating at least one of the piles; and, perform minor upgrades to the electrical components to enhance the usage of the docks

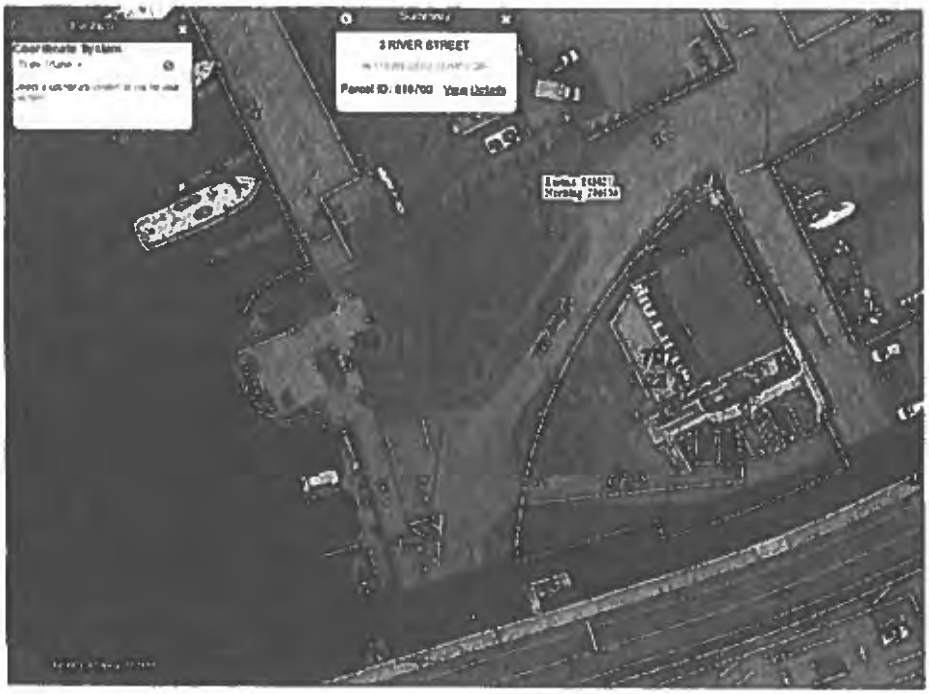
Option #3: Demolish all of the piers and the main dock; relocate the south pile to the north; rebuild the dock and the finger piers; and, complete the electrical upgrades to bring the whole area up to current codes

Electrical Assessment

Executive Summary

The visual electrical assessment of current conditions at the Mago Dock was completed by B&L on July 25, 2025. The assessment includes the existing electrical conditions and recommended electrical upgrades, located at 3 River Street Waterford, Connecticut. As part of this electrical Assessment Report, B&L has included brief descriptions of the existing electrical infrastructure, existing electrical equipment along with suggested electrical upgrades such as the addition of area lights and security cameras. This assessment also includes a cost estimate associated with the recommended upgrades.

The dock is comprised of a main precast floating section with two finger piers running perpendicular to the main floating section. The dock is attached to large wooden piles and the fingers are attached to piles at each end. At the end of each finger closest to shore is an Eaton Newport harbor power pedestal (NP3050) used to supply power to docked vessels. There is also an additional power pedestal near the end of the main dock where a third finger was previously built but later removed.





Overall view of Mago dock



Overall view of Mago dock



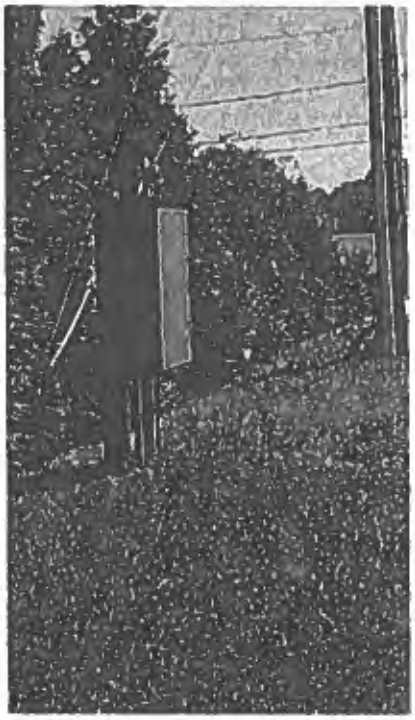
Eaton Newport harbor power pedestals (NP3050)

Visual Assessment of Existing Electrical Distribution System:

The power for the Mago Dock is supplied by Eversource. Power for the dock originates from a 100 amp 240/120V single phase metered service located approximately 150 feet east of the dock. The panel is mounted in an outdoor rated lockable enclosure which also contains two duplex GFCI maintenance receptacles. The locking enclosure as well as the utility meter are both mounted to a free standing backboard. The power enters the service box underground originating from the adjacent utility pole. It exits the electrical enclosure and runs underground in the direction of the dock. The conduit terminates in a junction box mounted to the side of a deck that was constructed next to the dock. The conduit exits the junction box and is ran south along the rim joist of the deck to three 4" x 4" junction boxes. The three junction boxes are where the main power connects to each power pedestal.



Riser on utility pole for Mago Dock electrical service



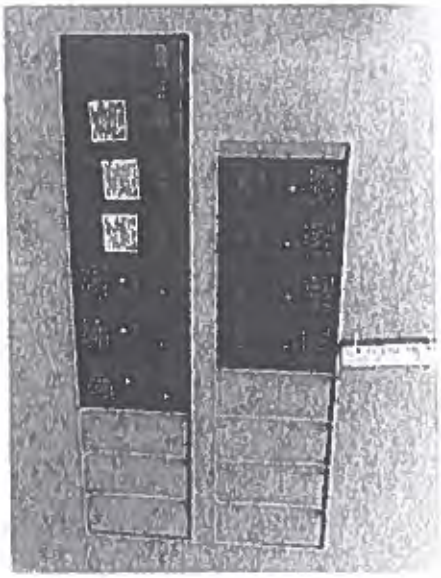
Mago dock electrical service enclosure w/utility pole and riser for the service in background



Utility meter for Mago Dock electrical service



100A panel inside outdoor rated enclosure for Mago dock



Panel interior and circuit breakers



Junction box mounted to deck where main service runs between panel and dock



Conduit from junction box (in background) along rim joist to dock



Conduit and junction boxes along rim joist where power pedestals connect to main power.



4"x4" junction box connecting power pedestals

Visual Assessment of Existing Electrical Equipment and Wiring:

Newport Power Pedestals:

There are three Newport Harbor Mate power pedestals, manufactured by Eaton, installed on the dock. Two of these power pedestals are positioned at the end of each finger pier nearest to the shore, while the third is located near the end of the main dock section. Each power pedestal is equipped with two 30A single pole circuit breakers and one 20A single pole circuit breaker. The 30A circuit breakers are connected to L5-30R twist lock receptacles designed for ship-to-shore cables, providing power to moored vessels. The 20A circuit breaker powers a light fixture mounted above the pedestal and a GFCI maintenance receptacle located beneath it.

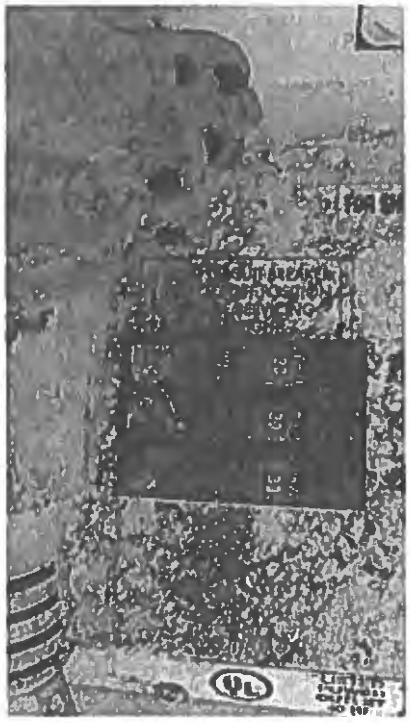
It appears the power pedestals are aging and exhibit signs of corrosion due to their proximity to the water. Additionally, one of the twist lock receptacles is showing signs of insect infestation. The ship-to-shore cable used to connect vessels to the power pedestal is a Marinco 25' 4/C #6AWG; however, the cables display noticeable signs of wear and aging, and tape has been applied to the cord ends as a makeshift repair.



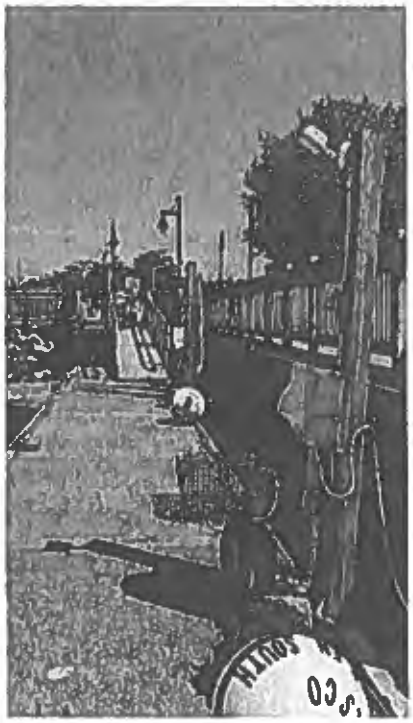
Eaton Harbor Mate Power pedestal



Power pedestal interior



Power pedestal interior



Power pedestal, light fixture and receptacle



Power pedestal light fixture



Power pedestal duplex receptacle



Power pedestal nameplate



Power pedestal nameplate



Ship to shore plug



Ship to shore cable



Ship to shore Cable



Ship to shore cable with tape on receptacle end.

Panelboards:

The panelboard is observed to be in good physical condition. Typically, panelboards of this nature have a life expectancy ranging from 20 to 30 years, which is contingent upon their operational efficiency and the availability of spare or replacement parts. Although the physical state of the equipment appears satisfactory, it is important to note that the power panel and related equipment are situated below the floodplain, and the service enclosure in which the equipment is housed does not meet the requirements to be fully submerged (NEMA 6 or 6P). Additionally, there were no arc flash labels found on any electrical equipment, which are usually provided alongside a safety program to convey critical information regarding shock and arc flash hazard levels. Furthermore, an overall site one-line diagram was not available, which is generally essential for troubleshooting, conducting arc flash analysis, and guiding future design efforts.

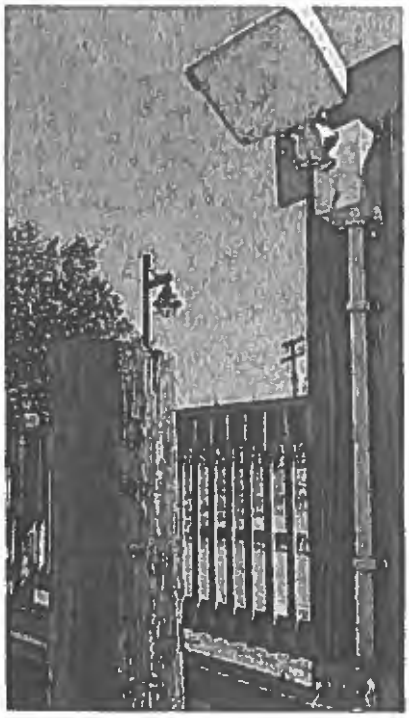


Electrical Junction Boxes, Back boxes and Connectors:

The junction boxes and electrical back boxes associated with the main service run from the panel to the dock are primarily located underground, which limits the ability to conduct thorough inspections. The junction box at the entry point of the main service from the panelboard, along with the conduits leading to the main dock, appeared to be in good condition, though they are not adequately rated for their installation location. It is necessary that all electrical equipment installed below the floodplain meets a minimum NEMA 6 rating. Additionally, the electrical boxes positioned near each power pedestal showed indications of wear and tear, likely attributed to their proximity to water exposure. Observations of the power pedestals revealed rust on some connectors, while the conduit materials show signs of brittleness and deterioration.



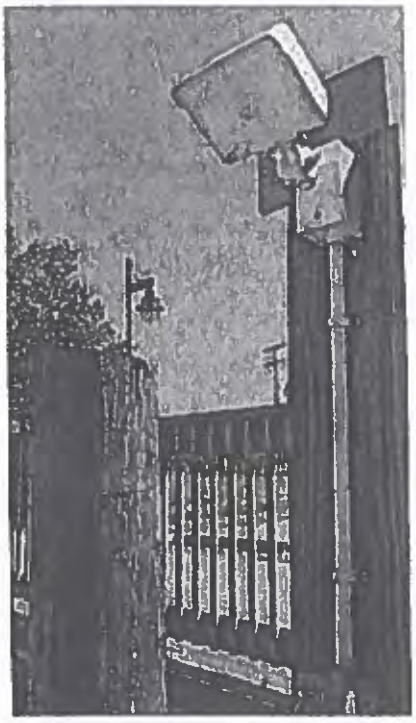
Conduit and connectors showing corrosion



Conduit to light fixture brittle and faded

Lighting:

Each power pedestal is equipped with a 20A circuit breaker that provides power to a floodlight mounted atop the pole. While these fixtures are LED, they are aging and exhibit signs of corrosion. The specifications of these fixtures would need to be confirmed for a complete assessment, as they seem to be installed below the floodplain, which raises concerns regarding their adequacy for the current installation site. Additionally, there are four pole-mounted light fixtures in the parking lot and two located near the newly constructed deck. These area lights appear relatively new and are in good condition.



Pole mounted area light fixture



Pole mounted area light fixture

Security:

The current security for the dock is a chain link fence gate at the beginning of the ramp down to the dock. The gate has a pad lock where the keys are held by the local police department. There are no security cameras on or around the dock.



Dock gate with pad lock

Summarized List of Electrical Recommendations:

To bring the electrical components of the Mago Point dock up to code and to address any issues noted during the Electrical Assessment, the following are recommended:

- Raise the main service enclosure along with all related equipment to an elevation of 14'-0". This adjustment will secure all electrical components above the flood plain, thereby mitigating the risk of water damage.
- Replace the three (3) power pedestals, ensuring that they match the existing voltage and current ratings of the currently installed units. New power pedestal components be rated at a minimum of NEMA 6 to provide adequate protection in the event of a flood.
- Replace the three ship to shore cables that are provided to connect power pedestal to vessel.
- All cabling, electrical boxes, fittings, and conduit should be replaced, beginning at the junction box mounted on the deck where the main power supply enters and extending to each power pedestal. It is essential that all boxes and fittings are rated a minimum of NEMA 6 due to their installation below the flood plain.
- Install new GFCI maintenance receptacles and flood light near each power pedestal rated a minimum NEMA 6 to protect electrical components from possible flood damage.
- Provide panel directories for main service panel. This will help with troubleshooting any electrical issues. It is also important for designing future upgrades or modifications.
- An area lighting design study to determine number and locations of pole mounted light fixtures to add around the property.
- Provide additional pole mounted light fixtures determined by the lighting design study done. Any light fixtures mounted below elevation 14'-0" shall be a minimum of NEMA 6 rated. The additional lights will help illuminate the parking lot and dock area for better visibility and safety.
- Install a standalone security camera system. The system should consist of 3 to 4 cameras placed in recommended locations, along with all necessary support equipment to ensure full operational capability. All components of the system, including any cameras mounted lower than elevation 14'-0", must be housed in or rated for NEMA 6 standards, as they will be installed below the flood plain. Implementing this system is expected to enhance security and deter incidents of crime, theft, or vandalism in and around the dock area.
- Alternate lock and gate to access the dock. Currently the gate to the dock is locked using a padlock and the keys are held by the police department. In order to access the dock the police department needs to be called and the keys brought down. Possible change to a keypad lock to eliminate the need to dispatch a police officer to allow access to others.

October 20, 2025 Meeting Update & Subsequent Meeting December 1, 2025 with the Director of Public Works:

Recommended Scopes of Work

The following are recommended scopes of work. These are stand alone and are being provided for evaluation purposes.

Option 1 – Provide electrical rehab for one (1) power pedestal only including the following scope of work:

- Remove three (3) existing power pedestals.
- Provide one (1) power pedestal located near the pier used to moor the larger vessel.

Option 2A – Provide electrical rehab for one (1) power pedestal and minimal lighting including the following scope of work:

- Remove three (3) existing power pedestals.
- Provide one (1) power pedestal located near the pier used to moor the larger vessel.
- Provide one (1) pole mounted area light fixture located near the main gate to the dock.

Option 2B – Provide electrical rehab for one (1) power pedestal and minimal security including the following scope of work:

- Remove three (3) existing power pedestals.
- Provide one (1) power pedestal located near the pier used to moor the larger vessel.
- Provide one (1) standalone security camera located near the main gate to the dock.

Option 3 - Provide complete electrical rehab with additional security and lighting including the following scope of work:

- Replace three (3) existing power pedestals.
- Raise the existing electrical service above flood plain elevation.
- Upgrade all existing electrical components from the electrical service to each dock box, and associated light fixture and maintenance receptacle to NEMA 6 (submersion proof).
- Provide approx. four (4) security cameras placed throughout the parking lot area
- Provide multiple pole mounted area lights located throughout the parking lot area.

The preliminary opinion of probable costs for the recommended upgrades to the dock system is included in the attachment: Estimated Costs by Discipline.

Permitting Assessment

Project Description

This permitting analysis was completed by Barton & Loguidice, LLC (B&L), on behalf of the Town of Waterford (Town), New London County, Connecticut, to determine potential permit needs for an repairs and/or expansion of the Town's private floating dock located on the Niantic River, adjacent to the public boat launch at the Mago Point Marina, located at 3 River Street, Waterford, Connecticut. The Town has voiced concerns regarding the deck structure and would like to add a third finger pier to the dock, as originally included in Permit No. SD-MH-89-259 issued by the State of Connecticut Department of Energy and Environmental Protection (DEEP) on June 21, 1990. In addition, it is recommended that portions of the dock be repaired and/or replaced due to deterioration, as well as that electrical upgrades be made, including the installation of area lights and security cameras.

Mapped Resources

The U.S. Fish and Wildlife Service (USFWS) National Wetlands Inventory (NWI) Mapper was reviewed to identify mapped wetland and surface water resources within and adjacent to the Project Site. The Niantic River is mapped by the USFWS NWI as an estuarine, subtidal, unconsolidated bottom, subtidal (E1UBL) resource.

Additionally, according to the Federal Emergency Management Agency (FEMA) FIRM map panel 09011CO483J, effective August 5, 2013, the Project Site is located within a coastal flood zone and a 100-year floodplain. The coastal flood zone is a Special Flood Hazard Area (SFHA) classified as Zone VE, indicating an area with velocity hazard due to wave action. The 100-year floodplain is also a SFHA, classified as Zone A. This designation indicates a low-lying area with a 1% annual chance of flooding.

A Site Assessment for the Project Site was requested through the State of Connecticut (CT) DEEP Natural Diversity Database (NDDB). Therefore, state and/or federally listed species have been noted in this location historically and/or currently. Atlantic sturgeon (*Acipenser oxyrinchus oxyrinchos*, state and federally endangered), shortnose sturgeon (*Acipenser brevirostrum*, state and federally endangered), sand tiger shark (*Carcharias taurus*, state special concern), radiated shanny (*Ulvaria subbifurcata*, state special concern), and Atlantic seasnail (*Liparis atlanticus*, state special concern) were noted for the Project Site. Projects involving state permits, state funding, or state agency action must complete a review through the CT DEEP NDDB to ensure compliance with the CT Endangered Species Act. This review process may require that biological and habitat surveys be conducted within the Project Site to determine potential presence and extent of listed species and/or suitable habitat. Additionally, coordination with state and federal agencies may need to be completed for projects that may impact listed species and/or suitable habitat for listed species. Construction of a third dock finger may impact suitable habitat within the Niantic River for state and federally listed species noted within the

Project Site and therefore may require coordination with the CT DEEP and USFWS to minimize potential impacts.

Anticipated Permits

Based on the proposed scope of work for the project, as detailed in the Project Description, work within, over, and adjacent to surface waters under state and federal jurisdiction would result. A review of state and federal permit needs was completed; findings from this review are as follows:

- **U.S. Army Corps of Engineers Section 10/404 Individual Permit – Navigable Waters of the U.S.**: The proposed scope of work could meet the conditions of a Programmatic General Permit (GP) #4 for Pile-Supported Structures and Floats if it weren't for the presence of the Niantic Bay and Harbor federal navigation channel. The installation of permanent structures (new dock finger) in federal navigation channels or buffer zones does not appear to be eligible for General Permit coverage – not even through a Pre-Construction Notification process. In addition, new structures located beyond an existing facility footprint also require a higher level of USACE review. If the dock finger installation was removed from the Project or permitted separately, the remaining work proposed could be designed to meet GP #4 conditions, likely to the extent that such work would be eligible for self-verification of GP 4 coverage.

    - It is recommended that a pre-application meeting be held with the USACE New England District to confirm the best permitting approach. Whether the installation of the new dock finger would constitute a "new structure" and what implications, if any, the minimal work within the federal navigation channel has on the project should be clarified and confirmed with the USACE. If there is any way to obtain federal permit coverage under GP #4 instead of an Individual Permit process that should be pursued.

- **CT DEEP LWRD Coastal Permit Program –**
  DEEP's Land and Water Resources Division (LWRD) regulates all activities conducted in tidal wetlands and tidal, coastal, or navigable waters under the Structures, Dredging and Fill Statutes, Connecticut General Statutes. Three types of permits are issued for activities conducted in coastal, tidal, or navigable waters or within tidal wetlands, depending on the nature of the work proposed. Based on the envisioned Project scope of work and mapped resources, permit coverage for work in tidal, coastal, and navigable waters (Niantic River) will be required.

    - The area of the shore subject to state regulatory authority includes everything waterward of the Coastal Jurisdiction Line (CJL). The CJL is a land elevation based on predicated tides and should be established by a land surveyor to inform

future project work and determination of impacts within this regulated coastal area.

- The addition of the new dock finger could be considered new construction and not within the existing dock footprint. If the navigational and/or environmental impacts of the new dock installation can't be assumed, it is anticipated that DEEP will require an individual coastal permit for this work. Without the dock finger addition, the remaining work is within the existing dock footprint or immediately adjacent and appears that coverage under a general permit would be sufficient.
    - General permits are issued for minor activities where environmental impacts are already understood. Such permits are typically issued within 90 days of receipt of a complete application. Individual permit review and issuance can take six (6) or more months and includes a public noticing process.
    - LWRD Application Form C: Structures, Dredging & Fill; Tidal Wetlands; Section 401 Water Quality (Tidal) – The CT DEEP LWRD License Application Form C is required for work on structures within tidal waters. Municipal notification (if needed), adjacent landowner notification, and public notice issuance must all be completed prior to submitting an application.
- The completion of a pre-application meeting with the LWRD is recommended once funding is known and preliminary design plans are available. This will nail down the exact limits of work, dock orientation, impacts within the waterway, etc. LWRD staff will be able to confirm the best permitting approach at that time, and whether the work is minor enough to allow for General Permit coverage.

Post-October 20, 2025 Meeting Update:

B&L contacted the USACE and they offered the following information regarding the required permitting for the referenced project:

Under GP 4 (Pile-Supported Structures), a municipally owned structure may be considered a boating facility if it charges a fee or involves the rental or sale of mooring spaces. In those cases, a PCN would be required.

If the applicant is only reconfiguring existing structures, any new components must remain within the currently permitted footprint, cannot extend further waterward of MHW, and must avoid encroaching into SAS or shellfish beds. Pile material and installation methods are also factors. Based on what has been described, adding finger piles to accommodate a slightly larger vessel would not, on its own, elevate the project to a PCN. However, the final determination rests with the USACE's assigned Project Manager.

Additionally, other factors, such as the need for ESA or EFH consultations completed by USACE may also elevate a project from SV to PCN.

The preliminary opinion of probable costs for the recommended upgrades to the dock system is included in the attachment: Estimated Costs by Discipline.

Attachment

Estimated Costs by Discipline

Structural Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #1

PROJECT TITLE:	MAGO POINT DOCK - STRUCTURAL CONDITION ASSESSMENT	**B&L JOB NO:**	3281.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	2025 RSMEANS & B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	MCF / JC

IDENTIFIED REPAIRS TO THE DOCK STRUCTURE

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
Option 1	Remove & Replace Pier #1 at Existing Location; Reattached Finger Pier #2				
1	Mobilization / Demobilization and General Conditions	1	LS	$4,500.00	$4,500.00
2	Removal of Existing Finger Pier #1	150	S.F.	$40.00	$6,000.00
3	Installation of New Finger Pier #1 Sections and Hardware	150	S.F.	$140.00	$21,000.00
4	Install End Anchor Guide Hardware for Finger Pier #2	1	LS	$4,000.00	$4,000.00
	SUB-TOTAL				**$35,500.00**
	Relocate South Pile to the North				
		CONTRACTOR'S OVERHEAD		10%	$3,550.00
					$39,050.00
		CONTRACTOR'S PROFIT		10%	$3,550.00
					$42,600.00
		CONTINGENCY		10%	$3,550.00
					$46,150.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				**$47,000.00**

Structural Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #2

PROJECT TITLE:	MAGO POINT DOCK - STRUCTURAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/16/2025
PRICES FROM:	2025 RSMEANS & B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	MCF / JC

IDENTIFIED REPAIRS TO THE DOCK STRUCTURE

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
Option 2	Drive one (1) New Pile; Remove, Move & Replace Finger Pier #1 & #2				
1	Mobilizat on / Demobilization and General Conditions	1	LS	$4,500.00	$4,500.00
2	Removal of Exist ng Finger Pier #1	150	S.F.	$40.00	$6,000 00
3	Removal of Existing Finger Pier #2	150	S.F.	$40.00	$6,000.00
4	Relocate South Pile to the North - Drive one (1) new pile	1	LS	$7,000.00	$7,000.00
5	Installation of New Finger Pier #1 Sections and Hardware	150	S.F.	$140.00	$21,000.00
6	Installation of New Finger P er #2 Sections and Hardware	150	S.F.	$140.00	$21,000.00
	SUB-TOTAL				**$66,500.00**
	CONTRACTOR'S OVERHEAD			10%	$6,650.00
					$72,050.00
	CONTRACTOR'S PROFIT			10%	$6,550.00
					$78,600.00
	CONTINGENCY			10%	$6,550.00
					$85,150.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				**$86,000.00**

Structural Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #3

PROJECT TITLE:	MAGO POINT DOCK - STRUCTURAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	2025 RSMEANS & B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	MCF / JC

IDENTIFIED REPAIRS TO THE DOCK STRUCTURE

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
Option 2	Demolish All Piers and Main Dock; Drive one (1) New Pile, Rebuild Dock and Add New Finger Piers				
1	Mobilizat-on / Demob lization and General Conditions	1	LS	$4,500.00	$4,500.00
2	Removal of Existing Finger P er #1	150	S F	$40.00	$6,000.00
3	Removal of Existing F'nger P er #2	150	S.F.	$40.00	$6,000.00
4	Removal of Existing Main Dock	600	S.F.	$45.00	$27,000.00
5	Relocate South Pile to the North	1	LS	$7,000.00	$7,000.00
6	Installation of New Finger Pier #1 Sections and Hardware	150	S.F.	$140.00	$21,000.00
7	Installation of New Finger Pier #2 Sections and Hardware	150	S.F.	$140.00	$21,000.00
8	Installation of New Main Dock and Hardware	600	S.F.	$150.00	$90,000.00
	SUB-TOTAL				$182,500.00
	CONTRACTOR'S OVERHEAD		10%		$18,250.00
					$200,750.00
	CONTRACTOR'S PROFIT		10%		$18,250.00
					$219,000.00
	CONTINGENCY		10%		$18,250.00
					$237,250.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				$240,000.00

Electrical Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #1

PROJECT TITLE:	MAGO POINT DOCK - ELECTRICAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261.057 001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	CJ / JC

IDENTIFIED REPAIRS TO THE DOCK ELECTRICAL

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Demo the three (3) existing Eaton Harbor Mate Power pedestals, pole, light fixture and duplex receptacle. Demo all conductors back to their source	1	LS	$10,000.00	$10,000.00
2	Provide one (1) power pedestal an LED light fixture, and a weatherproof maintenance receptacle. All equipment must be rated a minimum of NEMA 6 and/or installed within a NEMA 6 rated enclosure	1	LS	$30,000 00	$30 000 00
3	Obtain all necessary permits needed to conduct mentioned electrical work	1	LS	$1 000 00	$1,000.00
4	Electrical Inspection	1	LS	$1,000.00	$1,000.00
	SUB-TOTAL				**$42,000.00**
	Relocate South Pile to the North				
	CONTRACTOR S OVERHEAD		10%		$4,200.00
					$46,200.00
	CONTRACTOR'S PROFIT		10%		$4,200.00
					$50,400.00
	CONTINGENCY		10%		$4,200.00
					$54,600.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				**$55,000.00**

Electrical Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #2A

PROJECT TITLE:	MAGO POINT DOCK - ELECTRICAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	CJ / JC

IDENTIFIED REPAIRS TO THE DOCK ELECTRICAL

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1A	Demo the three (3) existing Eaton Harbor Mate Power pedestals, pole, light fixture and duplex receptacle. Demo all conductors back to their source.	1	LS	$10,000.00	$10,000.00
2A	Provide one (1) power pedestal, an LED light fixture, and a weatherproof maintenance receptacle. All equipment must be rated a minimum of NEMA 6 and/or installed within a NEMA 6 rated enclosure	1	LS	$30,000.00	$30,000.00
3A	Outdoor area light fixture design review	1	LS	$4,000.00	$4,000.00
4A	Provide one (1) LED pole mounted area light	1	LS	$10,000.00	$10,000.00
5A	100LF Duct back and circuiting for pole mounted area lights	1	LS	$10,000.00	$10,000 00
6A	Obtain all necessary permits needed to conduct mentioned electrical work	1	LS	$1,000.00	$1,000.00
7A	Electrical Inspection	1	LS	$1,000.00	$1,000.00
	SUB-TOTAL				**$66,000.00**
	CONTRACTOR'S OVERHEAD		10%		$6,600.00
					$72,600.00
	CONTRACTOR'S PROFIT		10%		$6,600.00
					$79,200.00
	CONTINGENCY		10%		$6,600.00
					$85,800.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				**$86,000.00**

Electrical Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #2B

PROJECT TITLE:	MAGO POINT DOCK - ELECTRICAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	CJ / JC

IDENTIFIED REPAIRS TO THE DOCK ELECTRICAL

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1B	Demo the three (3) existing Eaton Harbor Mate Power pedestals, pole, light fixture and duplex receptacle. Demo all conductors back to their source.	1	LS	$10,000.00	$10,000.00
2B	Provide one (1) power pedestal, an LED light fixture, and a weatherproof maintenance receptacle. All equipment must be rated a minimum of NEMA 6 and/or installed within a NEMA 6 rated enclosure	1	LS	$30,000.00	$30,000.00
3B	Install one (1) standalone security camera	1	LS	$10,000.00	$10,000.00
4B	100 LF Duct bank and circuiting for pole mounted area lights	1	LS	$10,000.00	$10,000.00
5B	Obtain all necessary permits needed to conduct mentioned electrical work	1	LS	$1,000.00	$1,000.00
6B	Electrical Inspection	1	LS	$1,000.00	$1,000.00
	SUB-TOTAL				**$62,000.00**
	CONTRACTOR'S OVERHEAD			10%	$6,200.00
				15000%	$68,200.00
	CONTRACTOR'S PROFIT			10%	$6,200.00
					$74,400.00
	CONTINGENCY			10%	$6,200.00
					$80,600.00
	OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)				**$81,000.00**

Electrical Assessment

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

OPTION #3

PROJECT TITLE:	MAGO POINT DOCK - ELECTRICAL CONDITION ASSESSMENT	**B&L JOB NO:**	3261 057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	**DATE PREPARED:**	12/5/2025
PRICES FROM:	B&L HISTORIC PRICE DATABASE	**ESTIMATED BY:**	CJ / JC

IDENTIFIED REPAIRS TO THE DOCK ELECTRICAL

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Relocate existing electrical service to elevation 14' to protect from possible floor damage	1	LS	$50,000.00	$50,000.00
2	Demo the three (3) existing Eaton Harbor Mate Power pedestals pole light fixture and duplex receptacle. Demo all conductors back to their source	1	LS	$10,000.00	$10,000.00
3	Provide three (3) power pedestal, an LED light fixture, and a weatherproof maintenance receptacle. All equipment must be rated a minimum of NEMA 6 and/or installed within a NEMA 6 rated enclosure	1	LS	$80,000.00	$80,000.00
4	Outdoor area light fixture design review	1	LS	$4,000.00	$4,000.00
5	Provide four (4) LED pole mounted area light	1	LS	$20,000.00	$20,000.00
6	400LF Duct bank and circuiting for pole mounted area lights	1	LS	$7,000.00	$7,000.00
7	Install approximately three (3) security cameras along with the necessary support equipment, ensuring that all items meet a minimum rating of NEMA 6 or are housed within a NEMA 6 enclosure.	1	LS	$40,000.00	$40,000.00
8	Obtain all necessary permits needed to conduct mentioned electrical work	1	LS	$3,000.00	$3,000.00
9	Electrical Inspection	1	LS	$1,000.00	$1,000.00

SUB-TOTAL			**$215,000.00**
CONTRACTOR'S OVERHEAD	10%	$21,500.00	
		$236,500.00	
CONTRACTOR'S PROFIT	10%	$21,500.00	
		$258,000.00	
CONTINGENCY	10%	$21,500.00	
		$279,500.00	
OPINION OF PROBABLE CONSTRUCTION COST (ROUNDED)			**$280,000.00**

Permitting Assistance

BARTON & LOGUIDICE, LLC

OPINION OF PROBABLE CONSTRUCTION AND PROJECT COST

PROJECT TITLE:	MAGO POINT DOCK - STATE & FEDERAL PERMITTING ASSISTANCE	B&L JOB NO:	3261.057.001
CLIENT:	TOWN OF WATERFORD, CONNECTICUT	DATE PREPARED:	12/5/2025
PRICES FROM:	B&L HISTORIC PRICE DATABASE	ESTIMATED BY:	KF

PERMITTING ASSISTANCE FOR REPAIRS / REPLACEMENT

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL*
Option 1	Remove & Replace Pier #1				
1	Repairs Only (within existing footprint, USACE General Permits)	1	LS	$25,000.00	$25,000.00
Option 2	Drive one (1) New Pile; Remove, Move & Replace Finger Pier #1 & #2				
2	Drive New Pile, Repair + Replace Finger P ers (assumed to be USACE General Permits)	1	LS	$25,000.00	$25,000.00
Option 3	Install End Anchor Guide Hardware for Finger Pier #2				
3	Drive New Pile; Repair + Replace Main Dock and Finger Piers (assumed to be USACE General Permits)	1	LS	$25,000.00	$25,000.00

*Estimated costs include overhead profit & contingencies
Relocate South Pile to the North

The experience to
listen
The power to
solve℠

Barton
&Loguidice
www.bartonandloguidice.com

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Municipal Parking Lots Police/Public Safety/YSB	**DEPARTMENT PRIORITY** 6

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The project would address the Police/Public Safety/YSB site. It would reduce the number of parking spaces, increase secured parking for the police, provide safe traffic flow throughout the entire area, and provide for storm water treatment and proper security lighting.
2	**PROJECT STATUS IF IN PROGRESS**
	Funding is in place for the entrance parking lot to the Police Station. Plans are complete for bid in February of 2026 for this phase
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Expanded narrative, 60% plans dated November 12, 2021 entitled Public Safety Complex Improvements

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	300,000		400,000	400,000	400,000	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**300,000**	**0**	**400,000**	**400,000**	**400,000**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Municipal Parking Lots (Police, Public Safety, YSB)

The Department is responsible to manage the condition of parking lots at Town Hall, Community Center, Library, Municipal Complex and the Public Safety Complex (YSB, Police, and Dispatch). In total, over 400,000 sf of asphalt surface needs to be maintained. Maintenance includes line striping, signage, site lighting, drainage and curbing.

Those parking lots in need of reconstruction are:

The Police/YSB/Public Safety parking spaces at this complex are the result of adding additional uses throughout the years without a plan of traffic management, parking or stormwater management. Previous years have set aside funds for the design and construction. The project needs to address the pavement of the entire site. The goal is to reduce the number of parking spaces, increase secured parking for the police and their equipment, provide safe traffic flow throughout the entire area, provide additional parking to the Civic green by a pedestrian connection to the existing trail system, provide for storm water treatment and proper site lighting. It is envisioned that the phases are:

- Police Station secured parking lot with the impound lot addressed
- Eastern entrance area up the refueling station
- YSB and Public Safety Building to include the western entrance

Town Hall: Not as extensive as the Police/YSB/Public Safety area, this lot needs curb replacement, a new surface course, increased lighting and line striping.

Parking lots in need of just maintenance are:

- Library: Repairs to the lighting, line stripping.
- Community Center: Curb replacement, line striping.

In spring of 2026, existing funds will be used to address the Police Station main entrance parking lot to include the concrete walks to the entrance of the building.

TOWN OF WATERFORD

PUBLIC SAFETY COMPLEX IMPROVEMENTS

200 BOSTON POST ROAD



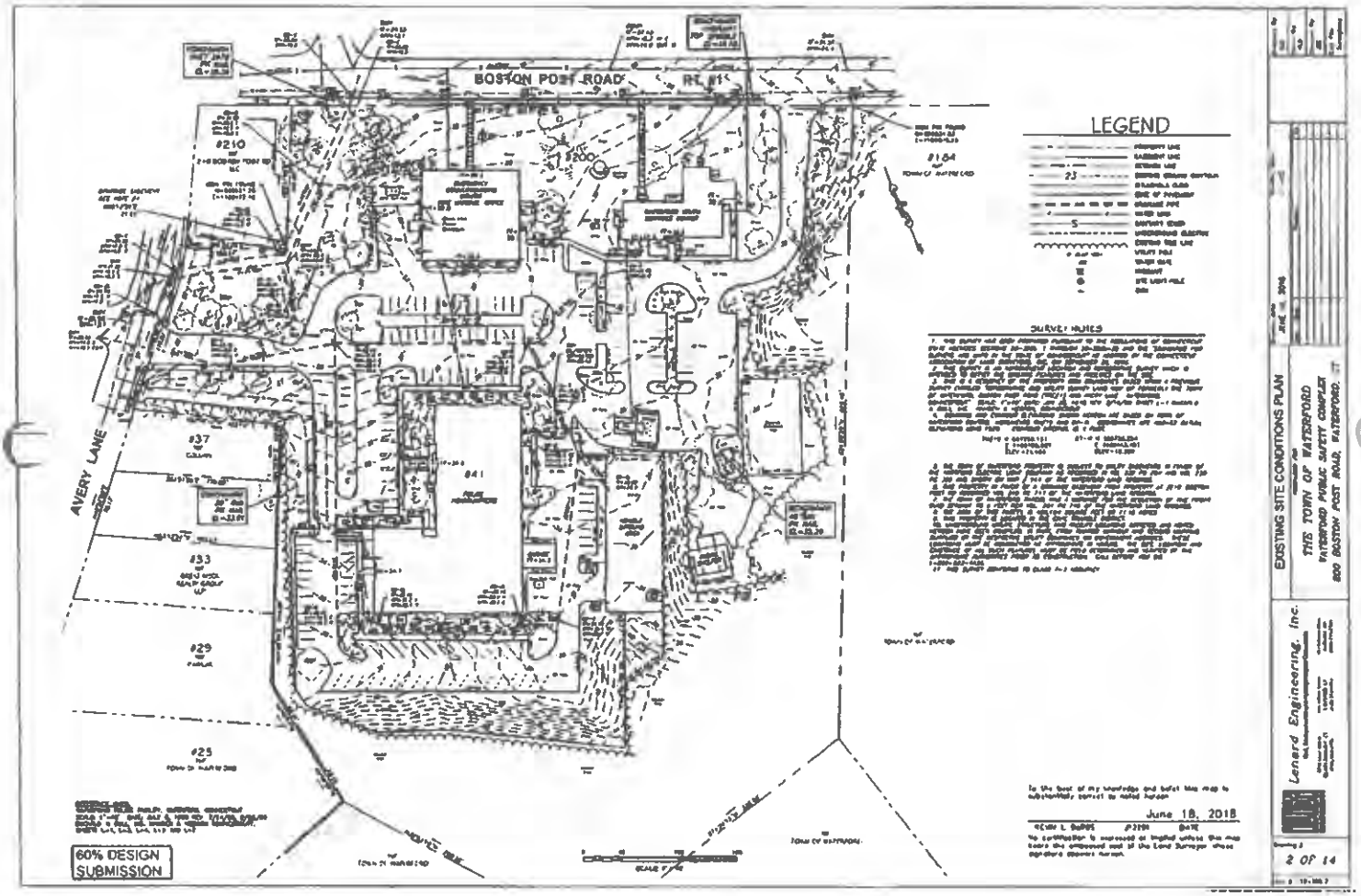
LIST OF DRAWINGS

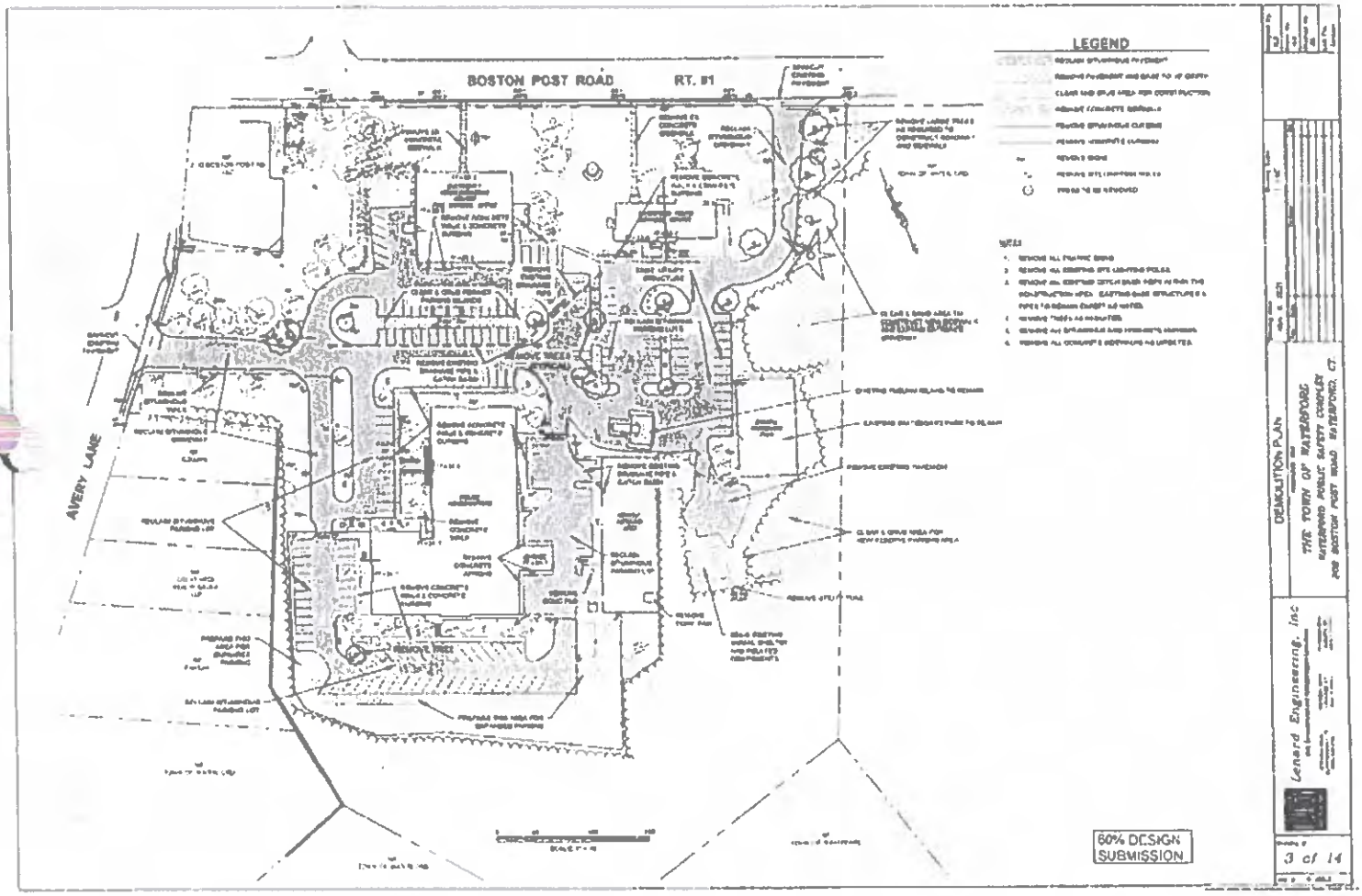
SHEET	TITLE
1	COVER
2	EXISTING CONDITIONS PLAN
3	DEMOLIT ON PLAN
4	LAYOUT & DRAINAGE PLAN
5	GRADING PLAN
6	PAVEMENT PLAN
7	SIDEWALKS PLAN 1
8	SIDEWALKS PLAN 2
9	RETAINING WALL PLAN
10	LIGHTING PLAN 1
11	LIGHTING PLAN 2
12	SITE DETAILS
13	SITE DETAILS
14	SITE DETAILS

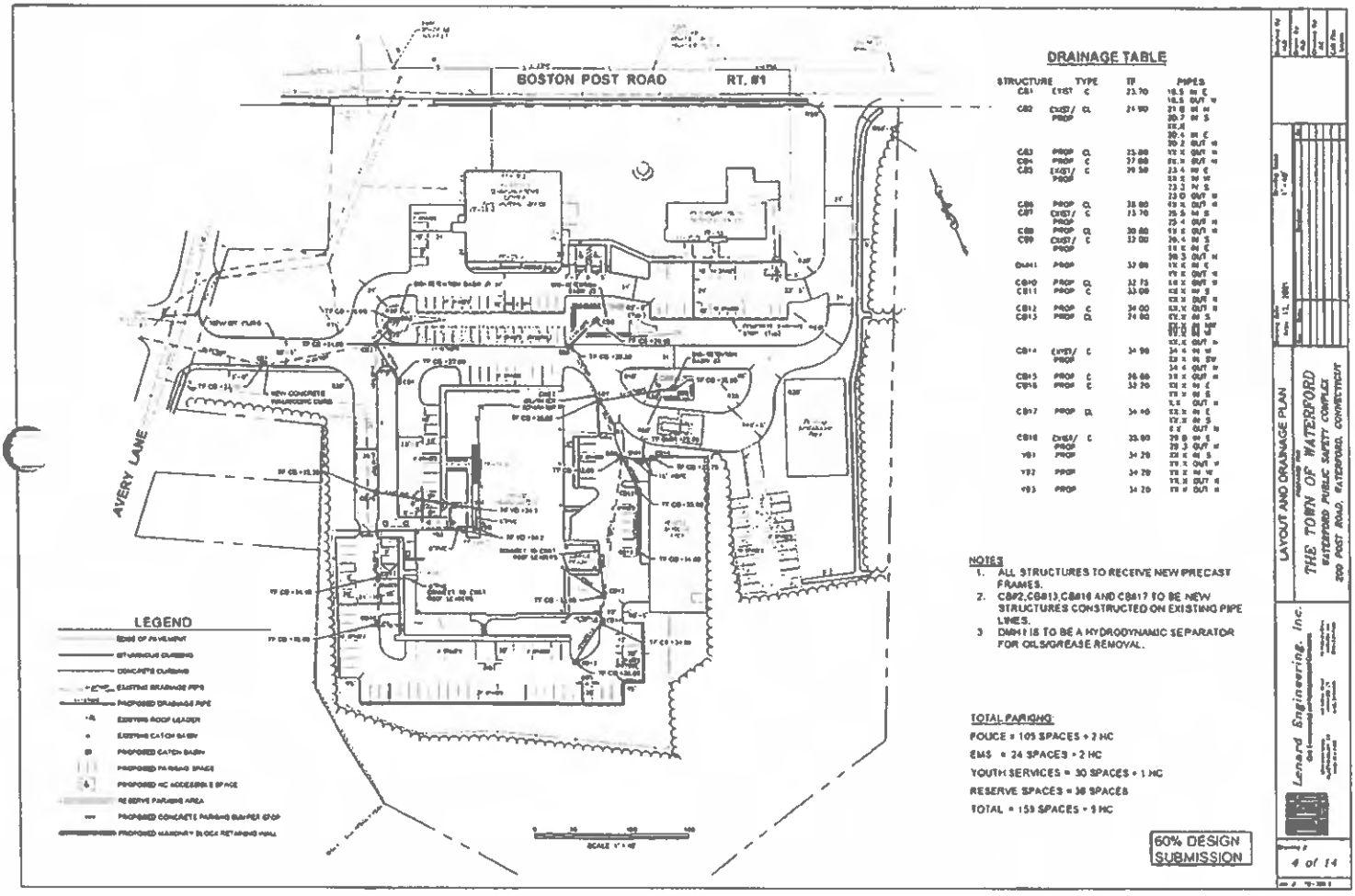
60% SUBMISSION

NOVEMBER 12, 2021

Lenard Engineering, Inc
Civil, Environmental and Hydrogeological Consultants


BOSTON POST ROAD
RT. #1
AVERY LANE
#210
#184
#37
#41
#33
#29
#25
LEGEND
SURVEY NOTES
June 18, 2018
60% DESIGN SUBMISSION
EXISTING SITE CONDITIONS PLAN
THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
800 BOSTON POST ROAD, WATERFORD, CT
Lenard Engineering, Inc.
2 OF 14


BOSTON POST ROAD
RT. #1
AVERY LANE
LEGEND
60% DESIGN SUBMISSION
DEMOLITION PLAN
THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD WATERFORD, CT.
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3 of 14



DRAINAGE TABLE

STRUCTURE	TYPE		TP	PIPES
CB1	EXIST	C	23.70	18.5 IN E 18.6 OUT W
CB2	EXIST/ PROP	CL	24.90	21.6 IN W 20.7 IN S 18.4 OUT W
CB3	PROP	CL	23.80	19.2 IN N 19.2 OUT W
CB4	PROP	C	27.60	24.1 IN S 24.1 OUT W
CB5	EXIST/ PROP	C	29.50	23.4 IN E 23.3 IN N 23.0 OUT W
CB6	PROP	CL	28.80	23.4 IN S 23.4 OUT W
CB7	EXIST/ PROP	C	23.70	20.5 IN S 20.4 OUT W
CB8	PROP	CL	28.80	23.4 IN S 23.4 OUT W
CB9	EXIST/ PROP	C	23.00	20.4 IN S 20.3 OUT W
DMH1	PROP		33.80	29.3 IN E 29.3 OUT W
CB10	PROP	CL	32.75	28.4 IN W 28.4 OUT W
CB11	PROP	C	33.00	28.5 IN E 28.5 OUT W
CB12	PROP	C	34.00	29.4 IN W 29.4 OUT W
CB13	PROP	CL	34.80	30.1 IN E 30.1 OUT W
CB14	EXIST/ PROP	C	34.90	30.4 IN W 30.4 OUT W
CB15	PROP	C	35.65	31.0 IN W 31.0 OUT W
CB16	PROP	C	35.20	30.6 IN E 30.6 OUT W
CB17	PROP	CL	34.40	29.8 IN E 29.8 OUT W
CB18	EXIST/ PROP	C	35.00	30.3 IN E 30.3 OUT W
YD1	PROP		34.20	29.6 IN S 29.6 OUT W
YD2	PROP		34.20	29.6 IN S 29.6 OUT W
YD3	PROP		34.20	29.6 IN S 29.6 OUT W

NOTES

1. ALL STRUCTURES TO RECEIVE NEW PRECAST FRAMES.
2. CB#2,CB#13,CB#16 AND CB#17 TO BE NEW STRUCTURES CONSTRUCTED ON EXISTING PIPE LINES.
3. DMH 1 IS TO BE A HYDRODYNAMIC SEPARATOR FOR OIL/GREASE REMOVAL.

TOTAL PARKING:

POLICE = 105 SPACES + 2 HC

EMS = 24 SPACES + 2 HC

YOUTH SERVICES = 30 SPACES + 1 HC

RESERVE SPACES = 38 SPACES

TOTAL = 159 SPACES + 5 HC

60% DESIGN SUBMISSION

LAYOUT AND DRAINAGE PLAN

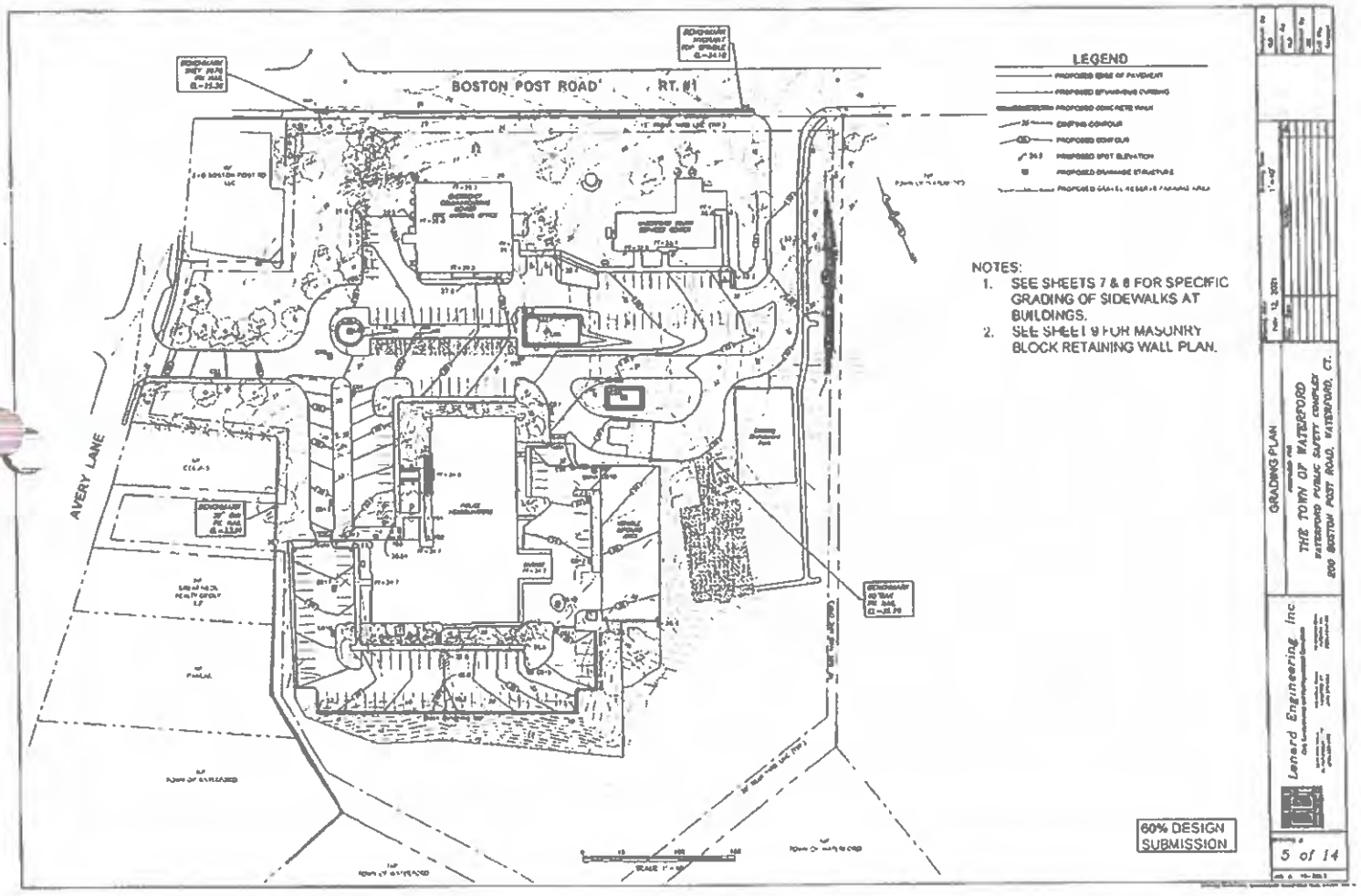
THE TOWN OF WATERFORD

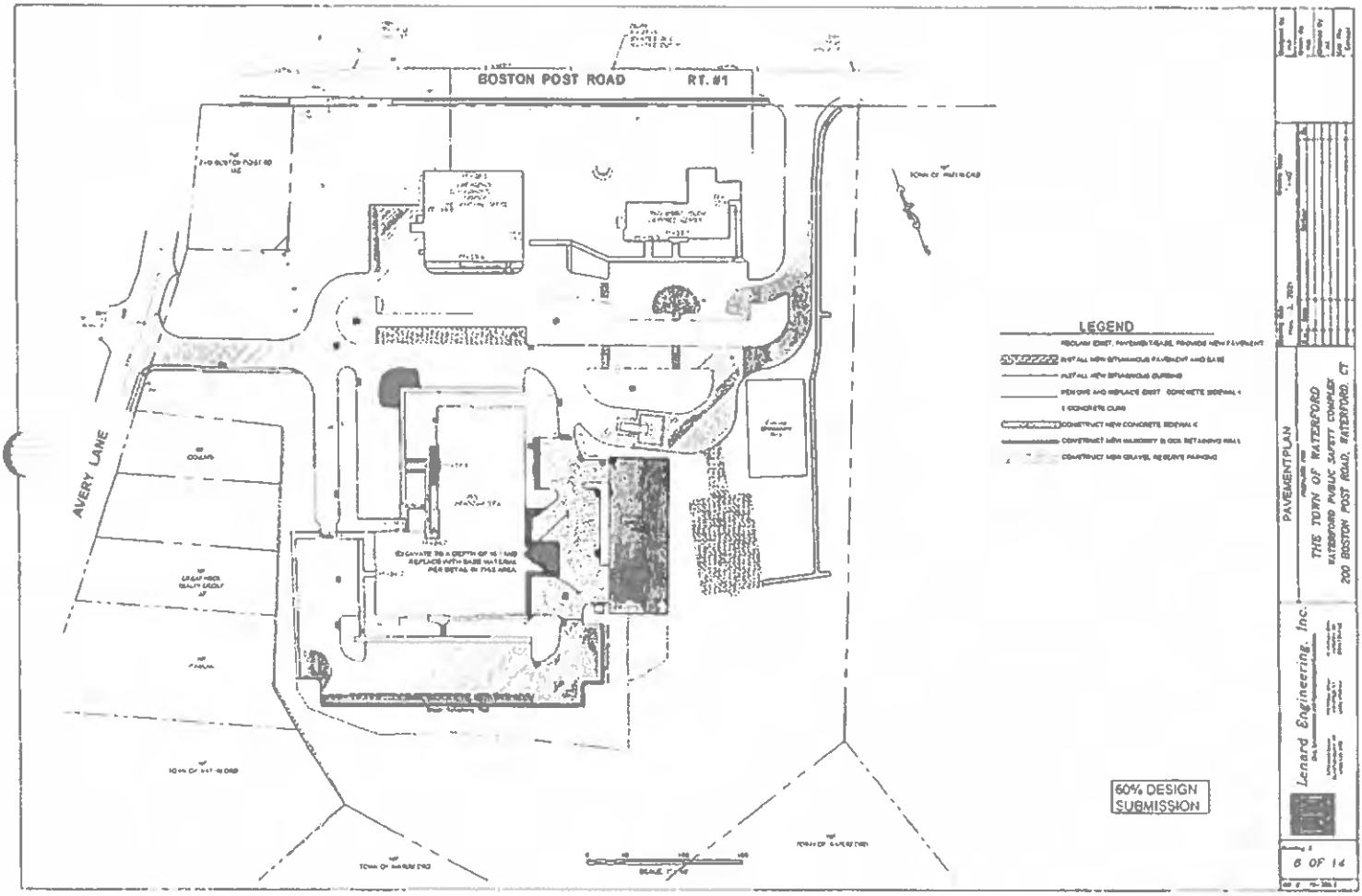
WATERFORD PUBLIC SAFETY COMPLEX

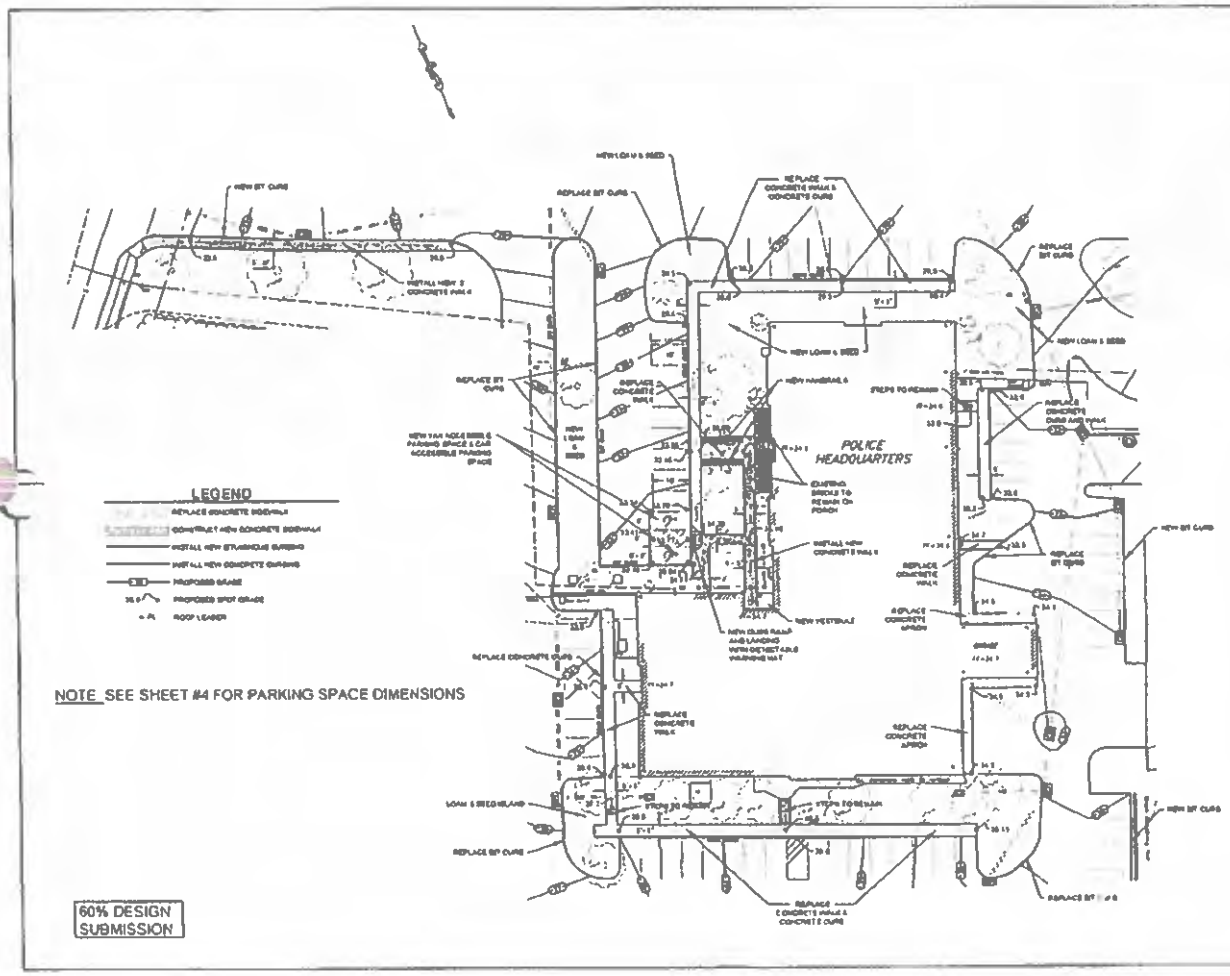
200 POST ROAD, WATERFORD, CONNECTICUT

Leonard Engineering, Inc.

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BOSTON POST ROAD
RT. #1
AVERY LANE
LEGEND
NOTES:
1. SEE SHEETS 7 & 8 FOR SPECIFIC GRADING OF SIDEWALKS AT BUILDINGS.
2. SEE SHEET 9 FOR MASONRY BLOCK RETAINING WALL PLAN.
60% DESIGN SUBMISSION
GRADING PLAN
THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD, WATERFORD, CT.
Lenard Engineering Inc
5 of 14


BOSTON POST ROAD RT. #1
AVERY LANE
LEGEND
60% DESIGN SUBMISSION
PAVEMENT PLAN
THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD, WATERFORD, CT
Lenard Engineering, Inc.
6 OF 14

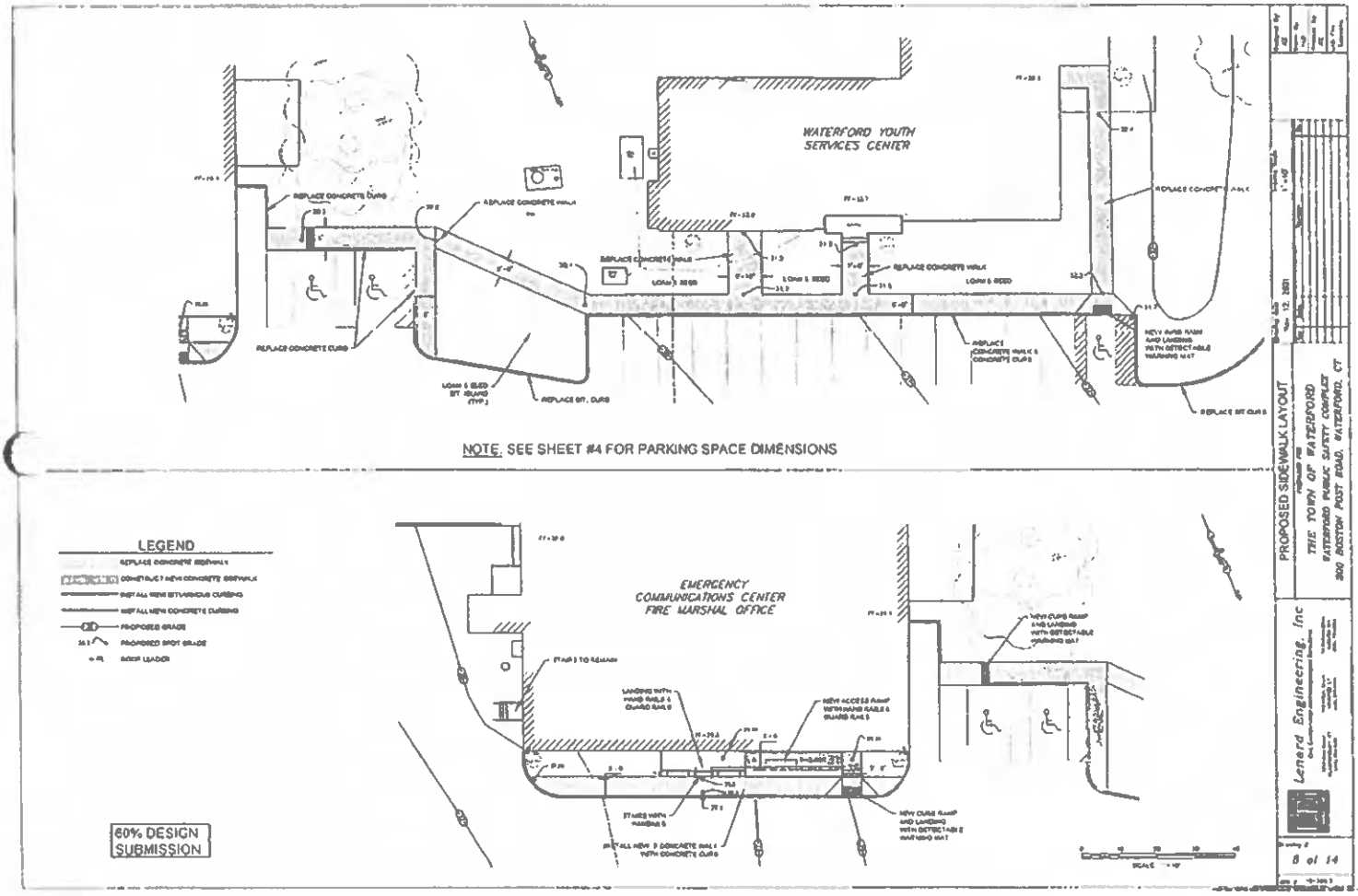


PROPOSED SIDEWALK LAYOUT

THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD, WATERFORD, CT

Lenard Engineering, Inc

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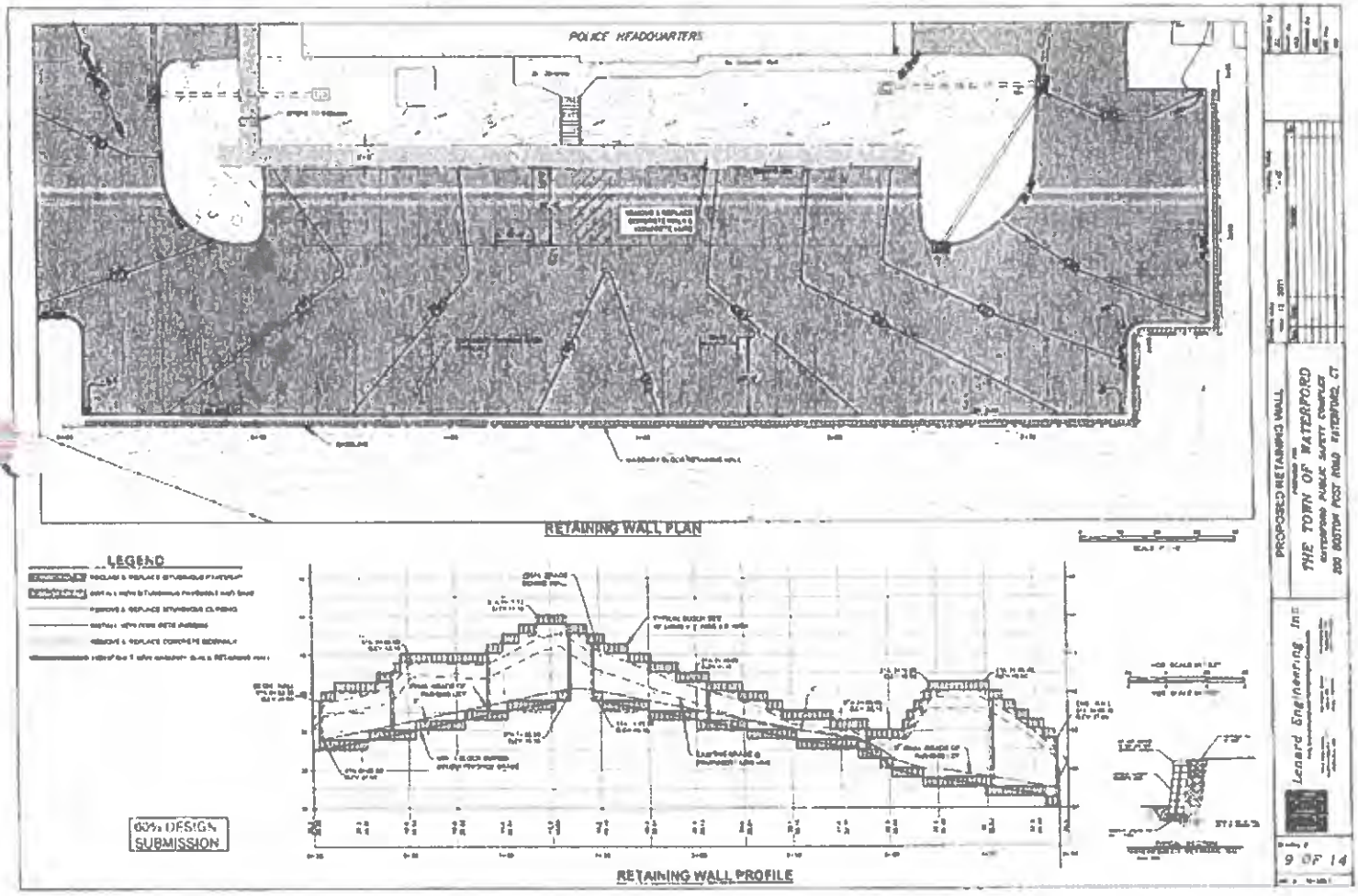
NOTE: SEE SHEET #4 FOR PARKING SPACE DIMENSIONS

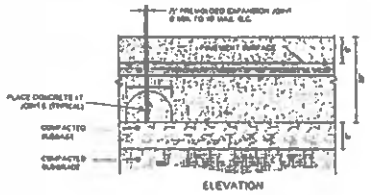
PROPOSED SIDEWALK LAYOUT

THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
300 BOSTON POST ROAD, WATERFORD, CT

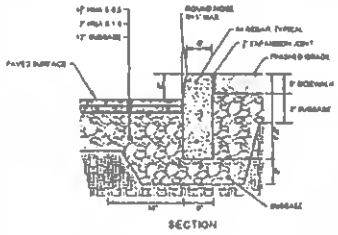
Lenard Engineering, Inc

8 of 14

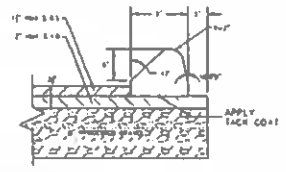

POLICE HEADQUARTERS
RETAINING WALL PLAN
LEGEND
60% DESIGN SUBMISSION
RETAINING WALL PROFILE
PROPOSED RETAINING WALL
THE TOWN OF WATERFORD
Lizard Engineering, Inc.
9 OF 14



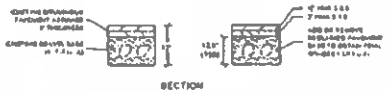
PRE-CAST CONCRETE CURB
NOT TO SCALE



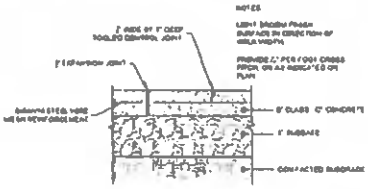
PRE-CAST CONCRETE CURB
NOT TO SCALE



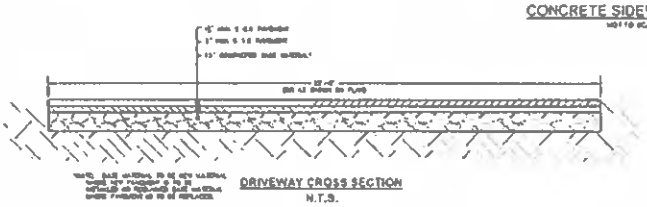
BITUMINOUS CONCRETE LIP CURB
N.T.S.



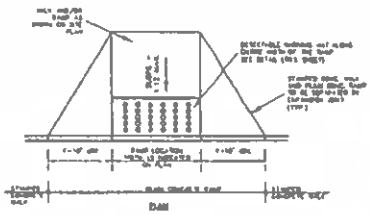
PAVEMENT CONSTRUCTION
ABOVE RECLAIMED BASE DEPTH
NOT TO SCALE

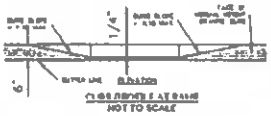


CONCRETE SIDEWALK DETAIL
NOT TO SCALE

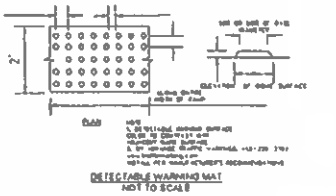


DRIVEWAY CROSS SECTION
N.T.S.

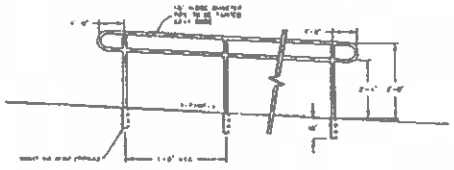




NOT TO SCALE



DETECTABLE WARNING MAT
NOT TO SCALE



TYPICAL HANDRAIL DETAIL AT RAMP
N.T.S.

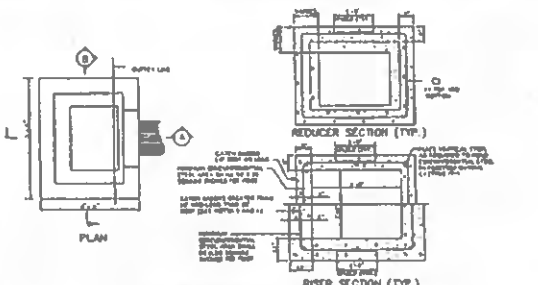
60% DESIGN SUBMISSION

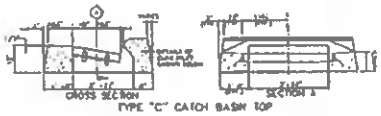
SITE DETAILS

THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD, WATERFORD, CT

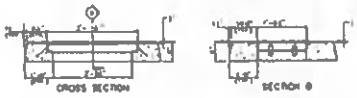
Lenard Engineering, Inc.

12 of 14

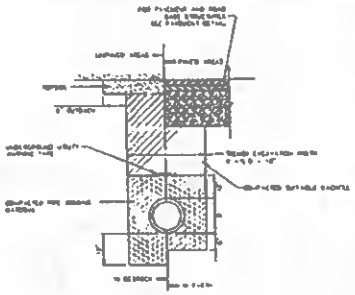




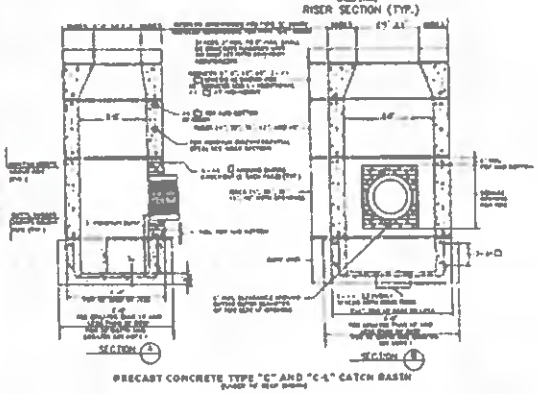
TYPE "C" CATCH BASIN TOP



TYPE "C-1" CATCH BASIN TOP

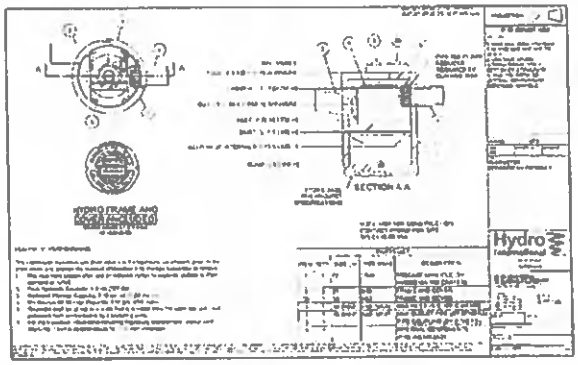


STORM SEWER TRENCH
NOT TO SCALE



PRECAST CONCRETE TYPE "C" AND "C-1" CATCH BASIN

GENERAL NOTES:



HYDRODYNAMIC GREASE/OIL SEPARATOR
NOT TO SCALE

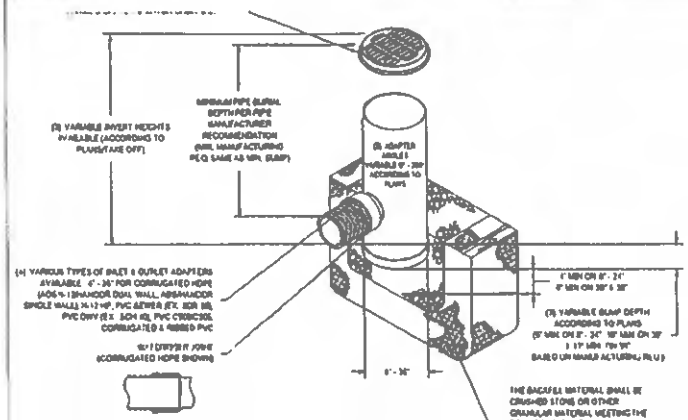
60% DESIGN SUBMISSION

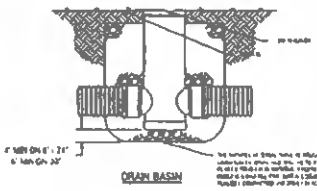
SITE DETAILS

THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
300 BOSTON POST ROAD, WATERFORD, CT

Lenard Engineering, Inc

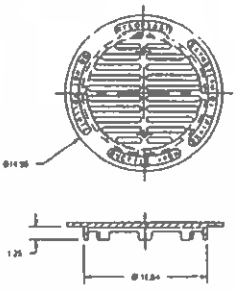
13 of 14



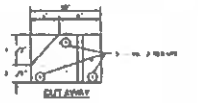


DRAIN BASIN

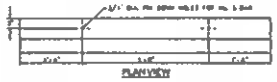
12" DROP IN GRATE



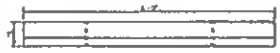
12010I



CUT AWAY



PLAN VIEW



SLOPED SIDE VIEW

CONCRETE PARKING BUMPER CURB
N.T.S.

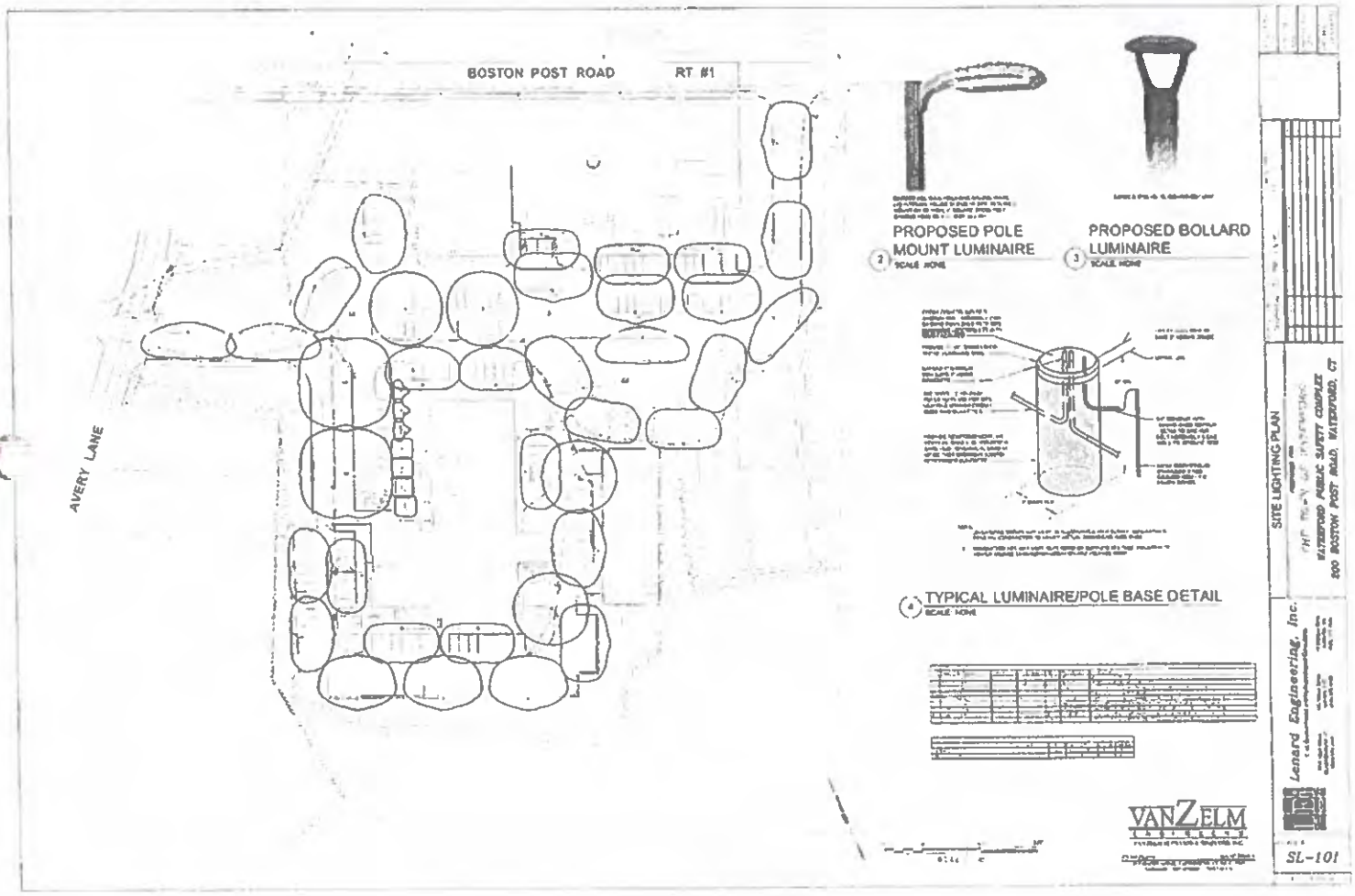
60% DESIGN SUBMISSION

SITE DETAILS

THE TOWN OF WATERFORD
WATERFORD PUBLIC SAFETY COMPLEX
200 BOSTON POST ROAD, WATERFORD, CT

Leonard Engineering, Inc.

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BOSTON POST ROAD
RT #1
AVERY LANE
PROPOSED POLE MOUNT LUMINAIRE
PROPOSED BOLLARD LUMINAIRE
TYPICAL LUMINAIRE/POLE BASE DETAIL
SITE LIGHTING PLAN
WATERFORD PUBLIC SAFETY COMPLEX
300 BOSTON POST ROAD, WATERFORD, CT
Lenard Engineering, Inc.
VANZELM
SL-101

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME UST Community Center	**DEPARTMENT PRIORITY** 7

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Community Center will require the 2 existing tanks to be removed by 2033. The tanks were to be used as a secondary fuel source for the three boilers at the Community Center/Friendship School. The tanks were installed at a time when the price difference between heating oil and natural gas greatly fluctuated and there was a concern about the availably of natural gas. That is not the case now. The Center uses natural gas for heat and hot water. The tanks need to be removed with all the underground piping. The internal piping to the 3 boilers (1 Town, 2 Friendship School) will also be removed. The tanks are located in the parking lot which will involve the replacement of curbing and asphalt surfaces.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)

The issue is not operational budgets, but the possible of the DEEP issuing a Notice of Violation and the costs associated with possible fines and attorney fees.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Expanded narrative. Map

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR				95,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**0**	**95,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: UST Community Center

An underground storage tank must be removed when they have reached their end of service life. The Community Center will require the two existing tanks to be removed by 2033. The tanks (5,000 gallon each) were to be used as a secondary fuel source for the three boilers at the Community Center/Friendship School. The tanks were installed at a time when the price difference between heating oil and natural gas greatly fluctuated and there was a concern about the availably of natural gas. That is not the case now. The Facility uses natural gas for heat and hot water.

The tanks need to be removed with all the underground piping. The internal piping to the three boilers (1 Town, 2 Friendship School) will also be removed. The tanks are located in the front parking lot, which will involve the replacement of curbing and asphalt surfaces.

Soil testing must be completed to close out the removal. This requires the certification of a Licensed Environment Professional (LEP).

In order to avoid yearly integrity testing of the tanks for the last 3 years of their life, the tanks should be removed in 2030. These removals will completed the program that started 6 years ago to remove underground storage tanks in general government buildings.

Note: Any remaining tanks at the Fire Houses and Waterford Utility Commission's pump stations are not included in this project.



TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Vacant School Buildings	**DEPARTMENT PRIORITY** 8

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The building continues to deteriorate. The roof has been breached, all the windows have been boarded up and the front door has been chained shut. Due to the roof breach, the floors have water damage and the indoor air quality is questionable. The first phase would be to engage a consulting engineer to review the existing closure documentation to ensure a proper Phase 1 and 2 investigation has been completed and followed. After that, they would develop abatement and demolition plans and refine the cost estimates. The second phase will involve the removal of the building and foundation, asphalt pavements and site fencing.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

None

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			30,000		500,000	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**30,000**	**0**	**500,000**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Vacant School Building – Cohanzie

Demolitions of vacant structures eliminate funding yearly building operating (including security measures) costs, avoids any future costs to stabilize the buildings, reduces the town's potential liability (risk avoidance) and consolidates our real estate footprint.

It also provides the opportunity for further redevelopment or reuse of the site that is in tune with the changing dynamics of the Town addressing long-term community needs and goals.

The current condition of the building is deteriorating. The roof has been breached and patched. All the windows have been boarded up and the front door has now been chained shut. Due to the roof breach, the floors have water damage and the indoor air quality is questionable.

Estimated costs to complete the demolition at Cohanize School site, will involve the removal of building and its foundations, removal of asphalt pavements, final grading and loaming and seeding of the site is $500,000. (Estimate based on recent demolition costs of $35,000 for a 650 sf structure). The capping of the sanitary sewer and removal of the water service has already been completed.

The first phase would be to engage a consulting engineer to review the existing closure documentation to ensure a proper Phase 1 and 2 investigation has been completed and followed. After that, they would develop abatement and demolition plans and refine the cost estimates.

The second phase will complete the removal of the building and foundation, asphalt pavements and site fencing.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Fuel Management Upgrade	**DEPARTMENT PRIORITY** 9

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Department is responsible for three vehicle-refueling sites and two facilities that currently remain on heating oil. That does not include the fire stations that currently use heating oil. Of the five fire stations, several will remain on heating oil, as natural gas is not available. The three refueling sites use two different communications technology that causes tank levels to drop to dangerously low fuel levels and usage reporting errors. Access is provided by a plastic fob with over 300 fobs being used.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**
	Memo from Lead Fleet Mechanic, dated Nov 7, 2025
7	

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			25,000	45,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**25,000**	**45,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Fuel Management Upgrade

The Department is responsible for three vehicle-refueling sites and two facilities that currently remain on heating oil. That does not include the fire stations that currently use heating oil. Of the five fire stations, several will remain on heating oil, as natural gas is not available.

The three refueling sites use two different communications technology that causes tank levels to drop to dangerously low fuel levels and usage reporting errors. Access is provided by a plastic fob with over 300 fobs being used.

The underground heating oil tanks are monitored by local alarms and reporting at two facility sites. The fire stations tanks are monitored for product within each building. As this facilities are brought over to Building Maintenance, the monitoring of the product levels and alarms need to be at a central location.

The first phase of the this project will be a physical inventory of the sites that still use tanks for heating oil and the three refueling sites.

FIFTEEN ROPE FERRY ROAD

WATERFORD, CT 06385-2886

INTER-OFFICE CORRESPONDENCE

DATE: 11/7/2025

TO: Gary Schneider, Director of Public Works

FROM: Garon VanOverloop, Lead Fleet Mechanic

RE: Fuel Management Upgrade

I am proposing a Town wide fuel management upgrade for all three fueling stations. Our current Fuel Management System is well outdated. Today's Fuel Management programs are cloud based with the ability to integrate with Fleet Management Software such as Fleetio, our current Fleet Management Software program.

This upgrade would include replacing the existing fuel controller at each location with an advanced user interface featuring color display and a full alphanumeric keypad. The existing physical fuel pumps will be left untouched. Each vehicle will be given a new key fob, similar to what they have now. Employees won't have to utilize a pin code when prompted as we currently do now. Instead they will be able to utilize their Town issued ID badge in order to authenticate the process.

Since this is a cloud based software program, the fuel administrator will be able to monitor live fuel readings of each fueling station with the option of setting up automatic fuel deliveries from the fuel vendor. This upgrade also allows live integration of real time vehicle analytics such as fuel consumption, per vehicle with our Fleetio software. This will allow improved accuracy when reporting on vehicle lifetime expenses.

Garon VanOverloop
Lead Fleet Mechanic

John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 Fax 207-942-3197

Quotation

QUOTE DATE	QUOTE NUMBER
10/30/25	S1793422

ORDER TO:
John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 Fax 207-942-3197

PAGE NO: 1

QUOTE TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

SHIP TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON
33491	GARON VANOVERLOOP		Kelly Coston

WRITER	SHIP VIA	TERMS	SHIP DATE	PHONE
Kelly Coston	OT OUR TRUCK	Cash On Delivery	10/30/25	860-444-5864

ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	EXT AMOUNT
		Sourcewell Contract # 081524-GVR		
1ea	FL-EKSPOD-	FL-EKSPOD-01 Gasboy EKOS Tier 1 (1-10 Sites)	3000.000	3000.00
3ea	EKOS-FSM	EKOS-FSM Gasboy EKOS Fuel Site Module Per Site Monthly Fee - Billed Separately! *THIS WILL BE BILLED DIRECT TO YOU FROM EKOS	179.000	537.00
2ea	FL-4MH0IP-	FL-4MH0IP-00 Gasboy Islander Prime Fuel Management System for Use With 4-Mechanical Hoses w/ - 4.3" Multimedia Color Display - Contactless Tag Reader - Full Alphanumeric Vandal Proof 40 Key Keyboard. - TCP/IP And RS-485 Communication Built In Web Server For Remote Maintenance - Self Contained 32 Electronic Hoses Controls - (2) Mechanical Hose Outlets, Expandable to 8 - Pedestal	11407.300	22814.60
2ea	Z-FL0-MCR0	Z-FL0-MCR007 Gasboy Islander Prime Insert Mag Card Reader.	635.150	1270.30
2ea	Z-FL0-HRK1	Z-FL0 HRK169 Gasboy Islander Prime HID Universal/Indala (Generic) HID	1819.810	3639.62

*** Continued on Next Page ***

John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 Fax 207-942-3197

Quotation

QUOTE DATE	QUOTE NUMBER
10/30/25	S1793422

ORDER TO:
John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 Fax 207-942-3197

PAGE NO.
2

QUOTE TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

SHIP TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON
33491	GARON VANOVERLOOP		Kelly Coston

WRITER	SHIP VIA	TERMS	SHIP DATE	PHONE
Kelly Coston	OT OUR TRUCK	Cash On Delivery	10/30/25	860-444-5864

ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		Reader - Requires Card Reader		
1ea	FL-2MH0IP-	FL-2MH0IP-00 Gasboy Islander Prime Fuel Management System For Use With 2-Mech Hoses) Includes :4.3" Multimedia Color Display, Contactless Tag Reader,Alphanumeric Vandal-proof 40 Key Keypad, TCP-IP and RS-485 Communication, Built-in Web Server for Remote Maint and Pedestal	10961.250	10961.25
1ea	Z-FL0-MCR0	Z-FL0-MCR007 Gasboy Islander Prime Insert Mag Card Reader.	635.150	635.15
1ea	Z-FL0-HRK1	Z-FL0-HRK169 Gasboy Islander Prime HID Universal/Indala (Generic) HID Reader - Requires Card Reader	1819.810	1819.81
20ea	M09679B001	M09679B001 Gasboy Z-FL0 MTBU01 Mifare Blue Wireless, Contactless Tag. - Sold in Box of 10	115.330	2306.60
1ea	PA04020020	PA04020020 Gasboy EKOS / Fleet Head Office HID Indala POD Reader - Z-FLH-PHR020	4642.800	4642.80
3ea	ship	^Gasboy Freight In	281.000	843.00
1ea	ship	JWK Truck Charge to Pickup / Deliver equipment at	125.000	125.00

*** Continued on Next Page ***

John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 Fax 207-942-3197

Quotation

QUOTE DATE	QUOTE NUMBER
10/30/25	S1793422

ORDER TO:
John W. Kennedy Company - ME
51 Carey Circle
HAMPDEN, ME 04444
207-942-0767 FAX 207-942-3197

PAGE NO
3

QUOTE TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

SHIP TO:
Town of Waterford
15 Rope Ferry Road
WATERFORD, CT 06385

CUSTOMER NUMBER	CUSTOMER ORDER NUMBER	RELEASE NUMBER	SALESPERSON
33491	GARON VANOVERLOOP		Kelly Coston

WRITER	SHIP VIA	TERMS	SHIP DATE	PHONE
Kelly Coston	OT OUR TRUCK	Cash On Delivery	10/30/25	860-444 5864

ORDER QTY	PART NO	DESCRIPTION	UNIT PRICE	NET AMOUNT
		above location.		
		TAXES NOT INCLUDED		

*** This is a quotation ***
Prices are subject to change without notice
Applicable taxes extra!

Subtotal	52595.13
S&H CHGS	0.00
Amount Due	52595.13

Quote is Valid for 30 Days
Waterford, CT DPW, Police and Fire

160 Perry Road
Bangor, ME 04401
Phone (207) 217-6515 - Fax (207) 217-6520

November 6, 2025
Quote #: 25-2197
Rev.1 – Sourcewell Provided Gasboy Equipment Contract

Waterford DPW, Police and Fire
1000 Hartford Turnpike Rd
Wateford, CT

Subject: Remove (3) Fuel Master Fuel Management Systems (DPW, Police Dept and Fire Dept.) Install (1) New Islander Prime Fuel Management System with EKOS at each location. Install Network Card in TLS 300 for EKOS connection at DPW and Police Dept (Veeder Root Software Version 15 or higher Required). Connect Veeder Root TLS 4 to EKOS at the Fire Dept.

***All Gasboy Equipment to be purchased direct by Client through Sourcewell Contract ***

***This pricing is based on mobilizing to Waterford, CT and installing all (3) Gasboy Islander Prime Units in the same week. ***

Total Price (3 Sites) - $24,275.00

DPW Price: **$8,265.00** (DPW – 4 Fueling Positions (Installation/Startup/Electrical Materials/Veeder Root Module)

The Scope of Work of this proposal is as follows:

Removal of Existing Fuel Island Equipment

- Make safe and disconnect any Existing electrical from the building to the existing FMS and Fuel Pumps
- Remove Existing Fuel Master Fuel Management System.

Installation of New Gasboy Fuel Management System

- Gaftek will install a new Islander Prime Fuel Management System (For 4 Mechanical Hoses)
  - Includes 4.3" Multimedia Color Display
  - Contactless Tag Reader,

  - Alphanumeric Vandal-proof 40 Key Keypad,
  - TCP-IP and RS 485 Communications
  - Built in Web Server for Remote Maintenance
  - Pedestal
  - Gasboy Islander Prime Insert Mag Card Reader
  - Gasboy Islander Prime 1-Year Service
- Equipment Warranty is for one year, Parts and Labor, from delivery date
- Existing underground Conduits and wiring to Pumps and FMS, to be reused.
- Terminate all wire connections to FMS, Gas and Diesel Pumps
- The EKOS Fuel Site Module will be installed and set up for existing FOBs, and Manual Entry on the new Keypad for fueling authorization.
  - EKOS is a cloud-based Application that requires a monthly subscription ($179.00/Month) to be configured for site specific fueling functions and operations.
  - EKOS provides access from phones, tablets, and computers.
  - It is assumed that the new Gasboy equipment will communicate over the same network that the existing Fuel Master equipment is connected to.
- Includes 200 Mifare Contactless Fobs and Programmer (One Programmer for all 3 Sites).
- Install Network Card in the Existing Veeder Root TLS 300 for EKOS connection
  - Software Version 15 or higher required
- Test Functionality of the Islander Prime FMS communications with the Gas and Diesel Dispensers and EKOS.

Waterford Police Dept.

Police Price: **$8,265.00** Police – 4 Fueling Positions (Installation/Startup/Electrical Materials/Veeder Root Module)

Removal of Existing Fuel Island Equipment

- Make safe and disconnect any Existing electrical from the building to the existing FMS and Fuel Pumps
- Remove Existing Fuel Master Fuel Management System.

Installation of New Gasboy Fuel Management System

- Gaftek will install a new Islander Prime Fuel Management System (For 4 Mechanical Hoses)
  - Includes 4.3" Multimedia Color Display
  - Contactless Tag Reader,
  - Alphanumeric Vandal-proof 40 Key Keypad,
  - TCP-IP and RS 485 Communications
  - Built in Web Server for Remote Maintenance
  - Pedestal
  - Gasboy Islander Prime Insert Mag Card Reader
  - Gasboy Islander Prime 1-Year Service

- Equipment Warranty is for one year, Parts and Labor, from delivery date
- Existing underground Conduits and wiring to Pumps and FMS, to be reused.
- Terminate all wire connections to FMS, Gas and Diesel Pumps
- The EKOS Fuel Site Module will be installed and set up for FOBs, and Manual Entry on the new Keypad for fueling authorization.
    - EKOS is a cloud-based Application that requires a monthly subscription ($179.00/Month) to be configured for site specific fueling functions and operations.
    - EKOS provides access from phones, tablets, and computers.
    - It is assumed that the new Gasboy equipment will communicate over the same network that the existing Fuel Master equipment is connected to.
- Install Network Card in the Existing Veeder Root TLS 300 for EKOS connection Software Version 15 or higher required
- Test Functionality of the Islander Prime FMS communications with the Gas and Diesel Dispensers and EKOS.

Waterford Fire Dept.

Fire Price: **$7,745.00** (Fire – 2 Fueling Positions (Installation/Startup/Electrical Materials)

Removal of Existing Fuel Island Equipment

- Make safe and disconnect any Existing electrical from the building to the existing FMS and Fuel Pumps
- Remove Existing Fuel Master Fuel Management System.

Installation of New Gasboy Fuel Management System

- Gaftek will install a new Islander Prime Fuel Management System (For 2 Mechanical Hoses)
    - Includes 4.3" Multimedia Color Display
    - Contactless Tag Reader,
    - Alphanumeric Vandal-proof 40 Key Keypad,
    - TCP-IP and RS 485 Communications
    - Built in Web Server for Remote Maintenance
    - Pedestal
    - Gasboy Islander Prime Insert Mag Card Reader
    - Gasboy Islander Prime 1-Year Service
- Equipment Warranty is for one year, Parts and Labor, from delivery date
- Existing underground Conduits and wiring to Pumps and FMS, to be reused.
- Terminate all wire connections to FMS, Gas and Diesel Pumps
- The EKOS Fuel Site Module will be installed and set up for FOBs, and Manual Entry on the new Keypad for fueling authorization.

  - EKOS is a cloud-based Application that requires a monthly subscription ($179.00/Month) to be configured for site specific fueling functions and operations.
  - EKOS provides access from phones, tablets, and computers.
  - It is assumed that the new Gasboy equipment will communicate over the same network that the existing Fuel Master equipment is connected to.
- Connect Existing TLS 4 Monitor to EKOS Network.
- Test Functionality of the Islander Prime FMS communications with the Gas and Diesel Dispensers and EKOS.

Exclusions

- Any out-of-scope work
- Providing Gasboy Equipment (To be Purchased Through Sourcewell)
- EKOS Monthly subscription ($179.00/Month billed Separately)
- Vehicle Modules not included
- Cellular Modems (if needed)
- Network Upgrades
- Veeder Root Monitor Repairs or Software Upgrades
- Dispenser Repairs
- Pulling New Wires and Cables to the Dispensers, FMS or Veeder Root
- We exclude any upgrades to onsite electrical service or components (outside this SOW)
- We exclude any upgrades/repairs to the existing Storage Tanks
  - Including existing Product Pipes
- Excavation

Quote is Valid for 30 Days
Waterford, CT DPW, Police and Fire

Thank you again for this opportunity to be of service. Please let us know if there is anything else you need.

Sincerely,

Rick Demmons

Rick Demmons
Client Provision/Estimating
Gaftek, Inc
207-944-4119

This proposal, when accepted by the Purchaser, will constitute a bona fide contract between us, subject to all terms and conditions to follow. It is expressly agreed that there are no promises, agreements, or understandings, oral or written, not specified in this proposal. Prices quoted are for acceptance within 30 days and, unless otherwise specified, are subject to change without notice after that date. Delivery promises are contingent upon fire, strikes, accidents, or other causes beyond our control. We will endeavor to maintain schedules, but cannot guarantee to do so.

Terms of financing: 33% Deposit upon acceptance and the balance is due upon completion of the project. Invoicing to be progressive with interest calculated at 1.5% interest monthly for invoices over 15 days old. Customer agrees to pay any collection costs incurred to collect past due account balances, including court costs, collection fees, lien costs & attorney's fees.Any credit card payments are subject to a 3% transaction fee. If you agree to the above quote, terms, and conditions, please sign and insert today's date below:

_____ _____

Signature Date

GASBOY

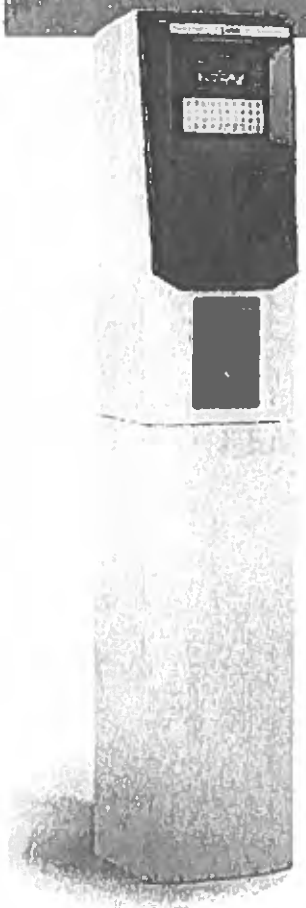
A VONTIER COMPANY

Islander PRIME

The Most Advanced Solution for Commercial Fueling Site Control



The Gasboy Islander PRIME is the best-in-class homebase controller and an all-in-one standalone pedestal enabling forecourt automation with flexible fueling authorizations.



Record all site activities: transactions, inventories, and authorizations. Control the forecourt: dispensers, payment terminals and fuel tanks

Advanced user interface with color display and full alphanumeric keypad

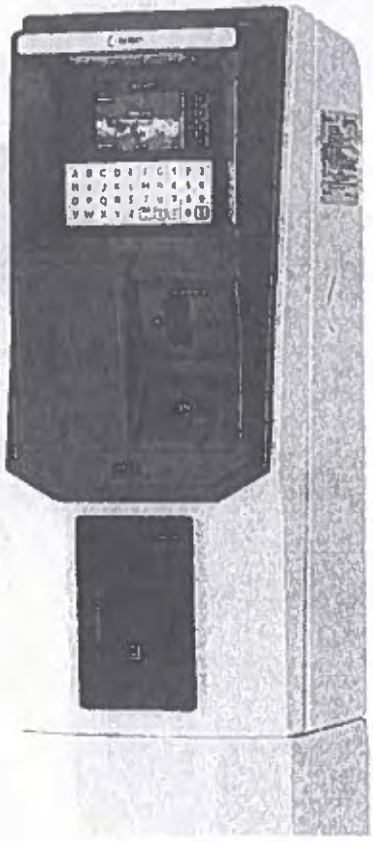
Automatic odometer and vehicle data collection with Gasboy FuelPoint PLUS wireless vehicle identification system

Flexible Fueling Authorizations Options:
- MIFARE tags
- HID
- Magnetic cards
- Barcodes

Web based interface. Seamless integrations with EKOS or Fleet Head Office enterprise software.

Supports a mix of 8 mechanical dispenser hoses and 64 Electronic hoses

Islander PRIME



Standard Features:

- 4.3" Multimedia Color Display
- Contactless Tag Reader (ISO-14443)
- Full Alphanumeric Vandal Proof 40 key Keyboard
- TCP/IP Communication
- Built-in Web Server for remote control and maintenance
- Self Contained with Pedestal
- Controls 64 Electronic Hoses
- Controls up to 8 Mechanical Hoses

Modular Options:

- Insert magnetic card reader
- Compact printer
- HID card/tag reader
- Built-in Wireless Gateway when integrated with FuelPoint
- Barcode scanner
- Pedestals: ADA, Stainless Steel (Standard and ADA)
- ICR PRIME model available for satellite configurations

Specifications	
Dimensions (HxWxD) cm	158 x 30 x 29 (standard pedestal) 128 x 30 x 29 (ADA pedestal)
User Interface	Built-in Payment Terminal
Wireless	Optional WGT IEEE802.15.4 w/proprietary mesh network (license)
Interfaces	RS-485, RS232, LAN, Dispenser interfaces for all common electronic and mechanical dispensers
Warranty	Parts and labor coverage for 12 months from installation.
Operating Voltage	100-240 VAC
Operating Current	2A max
Operating Temperature	Without Printer -40° to +65°C (-40° to 149°F) With Printer -40° to +60°C (-40° to +140°F)
Humidity	80% non condensing
Certifications	ETL, CE, FCC

GASBOY

A VONTIER COMPANY

GASBOY

Islander PRIME

The Most Advanced Solution for Commercial Fueling Site Control

The Gasboy Islander PRIME is the best-in-class homebase controller and an all-in-one standalone pedestal enabling forecourt automation with flexible fueling authorizations.





Record all site activities: transactions, inventories, and authorizations. Control the forecourt: dispensers, payment terminals and fuel tanks



Advanced user interface with color display and full alphanumeric keypad



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Islander PRIME

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- HID card/tag reader
- Built-in Wireless Gateway when integrated with FuelPoint
- Barcode scanner
- Pedestals: ADA, Stainless Steel (Standard and ADA)
- ICR PRIME model available for satellite configurations

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User Interface	Built-in Payment Terminal	Operating Current	2A max
Wireless	Optional WGT IEEE802.15.4 w/proprietary mesh network (license)	Operating Temperature	Without Printer -40° to +65°C (-40° to 149°F) With Printer -40° to +60°C (-40° to +140°F)
Interfaces	RS-485, RS232, LAN, Dispenser interfaces for all common electronic and mechanical dispensers	Humidity	80% non-condensing
Warranty	Parts and labor coverage for 12 months from installation.	Certifications	ETL, CE, FCC

GASBOY

P-2576 | 09.18 | Gilbarco Veeder-Root | 7300 W. Friendly Ave., Greensboro, NC

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Building Maintenance	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Jordan Park House	**DEPARTMENT PRIORITY** 10

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Historic Properties Commission has identified maintenance concerns to the structure and the surrounding area. Work to this structure must adhere to standards for historic properties. Work on the surrounding area can be accomplished with Town Forces, the work to the building itself must be performed by artisans skilled in historic properties work.
This is work that must be performed to keep the integrity of the structure sound.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Letter dated September 30, 2022 from the Historic Properties Commission Chair

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			10,000	10,000	10,000	10,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**10,000**	**10,000**	**10,000**	**10,000**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Jordan Park House

The Historic Properties Commission has identified several maintenance concerns to the structure that must be addressed. They are:

- Portico post, east
- Portico gutter, east
- Stair railings
- Roof Slates
- Window Glazing

Work to this structure must adhere to standards for historic properties performed by artisans skilled in historic properties work. This work is required to keep the structure sound.

To date, the exterior oil tank has been replaced with an interior tank and the chimney work has completed (fall 2025).

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

Town of Waterford

PHONE: 860-442-0553
www.waterfordct.org

September 30, 2022

Robert J. Brule
First Selectman
Town of Waterford

Dear Rob:

A major concern of the Historic Properties Commission is the deteriorating condition of the Jordan Park House, formerly the Waterford Public Library. We are asking, therefore, for $15,000 - $20,000 to be included in the FY '24 Capital Plan for repairs and site work.

Other than the temporary repair of the basement-entry roof, no maintenance of any consequence has been performed since 2001-2002.

Features in need of attention/repair (See photos):
- Chimney (urgent)
- Portico post, east (liability, urgent)
- Portico gutter, east
- Stair railings
- Roof slates (repair/replace missing/damaged)
- Window glazing (primarily south-facing sashes)
- Oil Tank (code?)
- Trim trees, north boundary
- Other?

The Park House is one of the most historically and architecturally significant buildings in town and is an established historic property pursuant to CGS 7-147p – 7-147y and Ch. 2.86, Code of Ordinances. Both the building and the land were gifts to the town, the former by Anna Rumrill Hammond, and the latter by the Nevins sisters, on both Great Neck Road and the present park site. (See "Jordan Park House"). Continuing to ignore the condition of the building is nothing short of irresponsible and an insult to civic-minded women to whom we should honor.

Furthermore, the Waterford Historical Society has brought increasing attention to the park (commonly called the "green") in recent years with programs and events for all ages. The Historical Society, in fact, still has use of the Park House albeit on a limited basis. Its maintenance, therefore, is all the more important especially in light of liability issues.

Meanwhile funding possibilities will be explored for a much-needed structural condition assessment and feasibility study.

Thank you for your consideration and interest.

Respectfully,

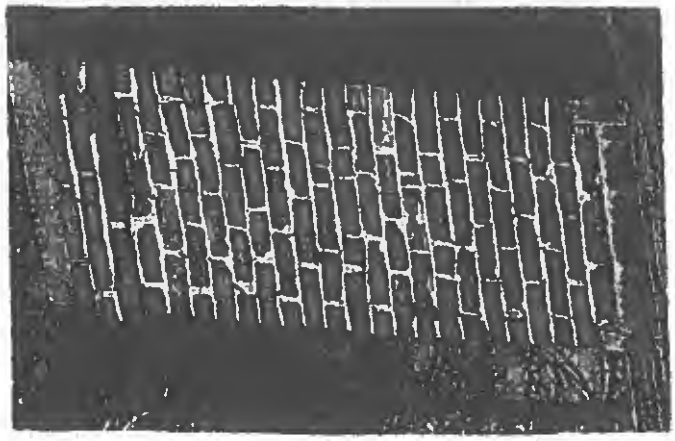
John J. O'Neill, Jr., Historic Properties Commission Chairman

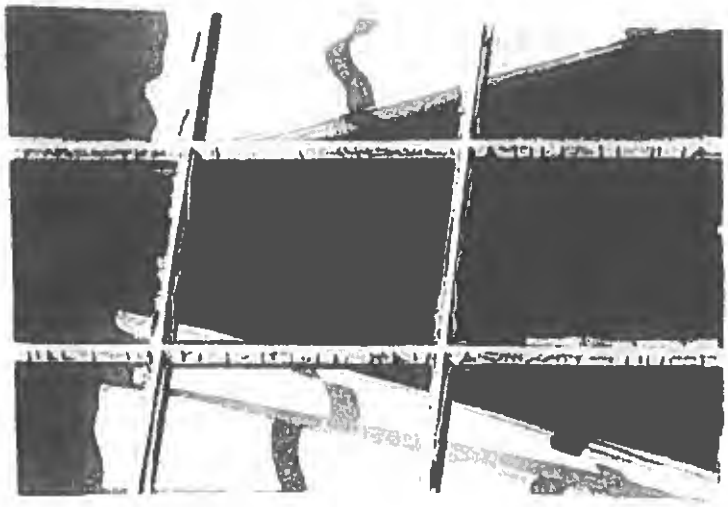
Robert M. Nye, Municipal Historian

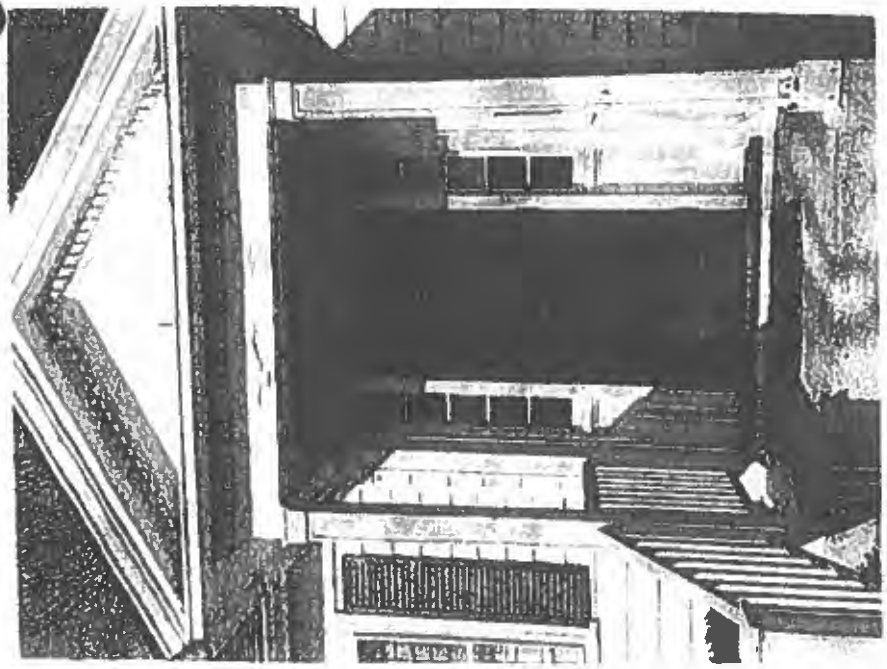
Attachments: "Jordan Park House" (included in the 1999 application for historic property designation).
Photos.

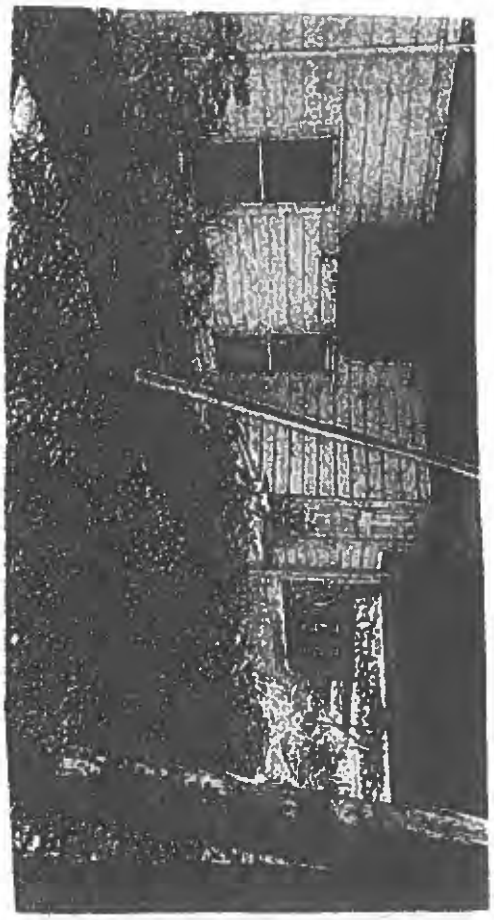
c.c.: Gary Schneider, Director, Public Works Department
Abby Piersall, Director, Planning & Development
Brian Flaherty, Director, Recreation & Parks
Kristen Widham, President, Waterford Historical Society

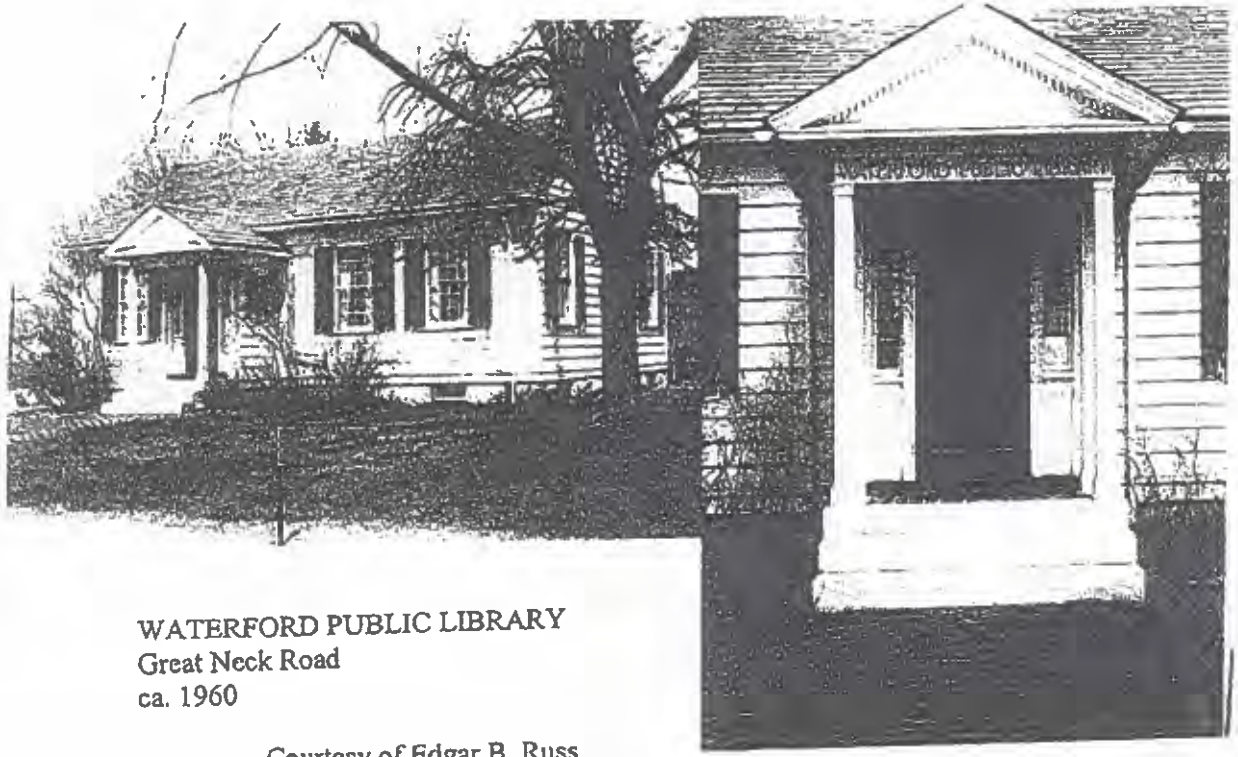
RECEIVED
OCT
PUBLIC WORKS











WATERFORD PUBLIC LIBRARY
Great Neck Road
ca. 1960

Courtesy of Edgar B. Russ

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME EV Charging Stations	**DEPARTMENT PRIORITY** 11

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Town must prepare for the change over from gasoline to electric vehicles (EV) or plug-in hybrid electric vehicles (PHEV). Charging stations for municipal use will be required at the Municipal Complex and Town Hall for the municipal fleets that are dispatched from those areas. Charging an all-electric vehicle (EV) or plug-in hybrid electric vehicle (PHEV) will require the installation of charging stations and in most cases, electrical circuits installed from an electrical panel deep within the building. The costliest part is not the charging unit itself, but rather any upgrades necessary to the electrical equipment and any trenching for the conduit to install the charging unit to the existing facility service.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

None

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			60,000			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**60,000**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	EV Charging Stations

The Town must prepare for the addition of electric vehicles (EV) or plug-in hybrid electric vehicles (PHEV) to our fleet. It is envisioned that charging stations for municipal use will be required at the Municipal Complex and Town Hall for the municipal fleets that are dispatched from those areas. Sites for public use are not included in project.

Charging an all-electric vehicle (EV) or plug-in hybrid electric vehicle (PHEV) will require the installation of charging stations and in most cases, electrical circuits installed from an electrical panel deep within the building. The costliest part is not the charging unit itself, but rather any upgrades necessary to the electrical equipment and any trenching for the conduit to install the charging unit to the existing facility service. Recharging times can vary—typically, 30 minutes for fast charging and 4-6 hours (Level 2), depending on the size and current depletion of the battery.

These stations will be reserved for Town vehicles. It is envisioned that staff vehicles (sedans, light SUV's) will be addressed first. Although the industry has not matured for us to include our waste collection vehicles and dump trucks yet, we must plan for the future inclusion of this "fuel source".

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY	**CONTACT PERSON**
Building Maintenance	Gary J. Schneider
PROJECT NAME	**DEPARTMENT PRIORITY**
Municipal Facilities Master Plan	12

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The overall objective of the Plan is to assess the current condition of public facilities and their components and establish a priority, schedule, and budget for replacement, or improvement that will create a framework for the Town's Capital Plan. The purpose of the plan is to establish consistent parameters and guidance for the Boards of Selectman and Finance and the RTM to make decisions on capital spending. The Plan should include a full assessment of architectural and mechanical infrastructure for current and future needs. The evaluations and conclusions of the study will create a comprehensive master plan for public buildings that will serve the Town's needs for the coming ten (10) years.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

None

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			175,000			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**175,000**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Municipal Facilities Master Plan

The overall objective of the Plan is to assess the current condition of public facilities and their components. It will establish a priority, schedule, and budget for replacement, or improvement that will create a framework for the Town's Capital Plan. The purpose of the plan is to establish consistent parameters and guidance for the Boards of Selectman and Finance and the RTM to make decisions on capital spending. The Plan should include a full assessment of architectural and mechanical infrastructure for current and future needs. The evaluations and conclusions of the study will create a comprehensive master plan for public buildings that will serve the Town's needs for the coming ten (10) years.

Funding would retain the services of a qualified consulting firm to fully assess the facilities and create several courses of action.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Eugene O'Neill Sewers	**DEPARTMENT PRIORITY** 13

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Phase 1 (2015) of the sewer construction program connected the new cottages, Log Cabin, and the upper portion of the Theater to the sewer line. Phase 2 that would have completed the sewer to the rest of the buildings on site was never funded. In FY 25, funds were approved to connect the Production House, the lower level of the Theater and the White House to the public sewer. Future phase(s) would connect the Hammond Mansion and the Farm House to the public sewer line and remove the existing septic systems.
2	**PROJECT STATUS IF IN PROGRESS**
	MCA Consulting Engineers analysis of the site and opinions to investigate further dated November 3, 2023. Funding was approved in FY 23 for this effort.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Attached expanded narrative memorandum. Site Map.

7 **COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital	43,500					
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR				250,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance	153,000					
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**196,500**	**0**	**0**	**250,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Eugene O'Neill Sewers

All buildings except the Hammond Mansion (main office, and cafeteria) and the Farm House (dormitory) have been connected to public sewer either by gravity or grinder pump.

Phase 1 (2015) of the O'Neill sewer construction program connected the new seven cottages, Log Cabin, and the upper portion of the Theater to the sewer line. Phase 2, that would have completed the sewer to the rest of the buildings on site, was never funded.

The uncompleted Phase 2 has been broken into smaller parts. In FY 25, funds were approved to connect the Production House, the lower level of the Theater and the White House to the public sewer.

The remaining phase(s) would be to remove the septic systems and connect the Hammond Mansion and the Farm House to the sewer. One option is a new gravity sewer line that would connect to Recreation and Parks' new maintenance building's gravity sewer line to be constructed. The Farm House would be connected by its own grinder pump to the low-pressure sewer line that was installed to service the toilets at the Town beach. The other option is to connect both buildings by the use of grinder pumps. These two facilities will continue to use their existing septic systems until sewers become available.



TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:	FIRE SERVICES						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
1	JORDAN HVAC	1	132,457					132,457.00
2	COHANZIE EAST WALL	1	150,000					150,000.00
3	GOSHEN ROOF	3	121,300					121,300.00
								-
								-
								-
								-
								-
								-
								-
								-
	TOTALS		403,757.00	-	-	-		403,757.00

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY FIRE SERVCIES	**CONTACT PERSON** CHRIS HALEY
PROJECT NAME JORDAN HVAC	**DEPARTMENT PRIORITY** 1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The air conditioning coil at Station 1 has failed. Replacement of the system with a new system from Carrier was quoted at $16,957. The oil burner has failed state inspection twice this year requiring repair.
2	**PROJECT STATUS IF IN PROGRESS**
	No started.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None.
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Positive impacts could be expected in heating and cooling costs from upgraded efficien cy units, as well as, a reduction in regular repair costs.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Replaceent of the system with a new system from Carrier was quoted at $16,957. A rough order of magniture was formed for the boiler system replacement at $115,000. These combine for a project socpe of $132,457.
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		132,457				
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**132,457**	**0**	**0**	**0**	**0**

ACTIONAIR SYSTEMS LLC
A NexCore Partner

131 Adams Street
Manchester, CT. 06042
Phone (860)645-8838
Fax (860)645-0226
www.actionairsystems.com

Replace Carrier Infinity AHU and Condenser with standard efficiency Carrier

Q251546

Attn: Linda Finnagan

Location: Jordan Fire Company No 1

Address: 89 Rope Ferry Rd, Waterford, CT 06385

Date: Oct 2, 2025

Action Air Systems is pleased to provide the following proposal for Replace Carrier Infinity AHU and Condenser with standard efficiency Carrier

Scope of Work:

Scope of Work:
- Furnish and install new Carrier air conditioning system to replace existing system.
- Recover refrigerant from existing system per EPA requirements and dispose of old equipment in accordance with local regulations.
- Perform a chemical flush on existing refrigerant lines and reuse where possible.
- Perform leak check and evacuation on new system prior to charging.
- Reconnect to existing electrical, ductwork, and low-voltage wiring.
- Furnish and install new Honeywell wall control.
- Test and commission system for proper operation.

Exclusions:
- Major modifications to existing ductwork.
- Electrical work beyond reconnection at the existing disconnect.
- Structural modifications.
- Controls/BMS integration beyond the supplied Carrier Infinity control.

Default Section			$16,957.33
Material Description	**Qty**	**Unit Price**	**Subtotal**
High Value Installed Equipment/AHU Condenser and Controls	1	$7,131.13	$7,131.13
Sheet Metal Materials	1	$500.00	$500.00
R454B - Refrigerant	4	$116.55	$466.20
Electrical Materials	1	$300.00	$300.00
Piping Materials	1	$250.00	$250.00
Miscellaneous Materials	1	$750.00	$750.00
		Material Total	$9,397.33
Labor	**Qty**	**Unit Price**	**Subtotal**
Labor	24	$135.00	$3,240.00
labor	32	$135.00	$4,320.00
		Labor Total	$7,560.00

Exclusions:

- **Labor and or material cost, including extra refrigerant and or refrigerant circuit clean up materials, to execute proper cleanup of refrigerant circuit that exceeds the above defined scope.**
- Labor and or material costs for leak testing and or trouble shooting of existing piping in attempt to correct future refrigerant loss and or compressor failure.
- Labor and or material cost for replacement of piping and or other components of the refrigerant circuit associated to above scope of work.
- Identification, testing, containment, abatement, removal, handling, transportation and or disposal of any material deemed hazardous under local, state or Federal guidelines.
- Any system components, materials or labor not specifically identified in the above scope or work.
- Pricing supplied valid for 30 days from date of proposal.

Total cost for Proposed work:

Subtotal	$16,957.33
Tax Amount	$0.00
Total	$16,957.33

Thank You,

Michael Lynch, Solutions Provider

Phone: 8606458838, ext.233| **Email:** Michael.l@actionairsystems.com

CT. Lic#303447 ~ RI. Lic#00008228 ~ MA. Lic#504-SM-B ~ CT. MCO.0903707

An Affirmative Action Equal Opportunity Employer

S/M/W/DIS-BE & DAS Certified Companies Are Encouraged to Participate

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY	**CONTACT PERSON**
FIRE SERVCIES	CHRIS HALEY
PROJECT NAME	**DEPARTMENT PRIORITY**
JORDAN HVAC	2

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project was originally explored under prior administrations - to repair two damaged pilasters supporting the exterior was on the East Elevation of the building. These pilasters brace the wall structure against wind-loads. Years ago these structures became cracked and are separating from the exterior wall. The proposed repair would reconstruct and permanently attach these, as well as, epoxy stitch cracks in the masonry exterior walls of the structure.
2	**PROJECT STATUS IF IN PROGRESS**
	No started.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None.
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	If allowed to continue failing, the pilasters will eventually detach from the wall and fall into the apparatus bay, causing damage and/or injury. This will also leave the wall unsupported to send loads.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	No written estimate is available yet, as our contractors have been reassigned to the collapsing church in New London. However, rough order of magnitude is in the $120,000 to $150,000 range.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		150,000				
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**150,000**	**0**	**0**	**0**	**0**

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY FIRE SERVCIES	**CONTACT PERSON** CHRIS HALEY
PROJECT NAME GOSHEN ROOF	**DEPARTMENT PRIORITY** 3

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project was initally under quotoed under prior administration and reamins in the Capital Plan. A revisit of the project is warranted to determine true costs to complete funding of the project.
2	**PROJECT STATUS IF IN PROGRESS**
	No started.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None.
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	$60,000 currently designated in CNR. The total estimate should be sourched thgourh the Public Works Department.
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	No written estimate is available yet, as our contractors have been reassigned to the collapsing church in New London. However, rough order of magnitude is in the $120,000 to $150,000 range.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		121,300				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**121,300**	**0**	**0**	**0**	**0**

LUMP SUM PROPOSAL FORM

IFB#24-008 Goshen Fire Station Roof Replacement
WATERFORD, CONNECTICUT

BIDDER: The Imperial Company,
Restoration Contractor, Inc.

NAME Bruce M. Raulukaitis /President

ADDRESS 261 Main Street
Cromwell CT 06416

To: Rawle Dummett, Purchasing Agent

Project: **IFB#24-008 Goshen Fire Station - Roof Replacement**

We propose to perform the work described in the Contract Documents

for Entire Project – for the Total Lump Sum Cost of:

1/16/24 Revised Quote

$, 181,300.00
One Hundred Eighty One Thousand
Three Hundred Dollars
(written figure)

-See attached breakout sheets for totals, unit prices and scope of work for each roof area.
-The roof breakouts are for roofing material and labor only. Site set up and equipment are not included into the totals. There will be an add at the bottom of each breakout for set up and equipment.
-See attached roof plan for cooresponding roof areas.

Goshen Fire Station SOV		
Line Item	Description of Work	Scheduled Value
1	General Condition	$ 41,300
2	Material	$ 90,000
3	Labor	$ 50,000
		$ 181,300

Imperial Company INC.

Restoration and Roofing Contractors

Goshen Fire Department

63 Goshen Rd, Waterford CT

1/16/25

Roof 1 Breakout

Roof area 1 Scope of work

-Install ½" Dens Deck prime over existing roof

-Install a Mechanically fastened TPO roof system using a heat induction welded plate

-Install fully adhered flashings and perimeters

-Install new pre-fabricated edge metal

-Install all necessary counterflashing's

-Provide and install new Retro fit drains into existing drain locations

This price is for roofing material and labor only

Roof 1 material and labor total price – $45,200.00

ADD $9,300.00 for site set up, safety and equipment

Unit Price for any wet insulation replacement - $7.00 per square foot

Imperial Company INC.

Restoration and Roofing Contractors

Goshen Fire Department

63 Goshen Rd, Waterford CT

1/16/25

Roof 2 Breakout

Roof area 2 Scope of work

-Remove existing roof down to metal deck

-Install ½" Dens Deck prime over ¼" tapered insulation mechanically attached to metal deck

-Install a Mechanically fastened TPO roof system using a heat induction welded plate

-Install fully adhered flashings and perimeters

-Install new pre-fabricated edge metal

-Install all necessary counterflashing's

-Provide and install new Retro fit drains into existing drain locations

This price is for roofing material and labor only

Roof 2 material and labor total price – $72,400.00

ADD $9,300.00 for site set up, safety and equipment

Imperial Company INC.

Restoration and Roofing Contractors

Goshen Fire Department

63 Goshen Rd, Waterford CT

1/16/25

Roof 3 Breakout

Roof area 3 Scope of work

-Install ½" Dens Deck prime over existing roof

-Install a Mechanically fastened TPO roof system using a heat induction welded plate

-Install fully adhered flashings and perimeters

-Install new shop fabricated coping, gutters and downspouts

-Install all necessary counterflashing's

-Provide and install new Retro fit drains into existing drain locations

This price is for roofing material and labor only

Roof 3 material and labor total price – $54,400.00

ADD $9,300.00 for site set up, safety and equipment

Unit Price for any wet insulation replacement - $7.00 per Square Foot

TREMCO
Roofing & Building Maintenance

Project Owner
Goshen Fire Department Inc

PROJECT
63 Goshen Rd.
Roof Replacements

LOCATION
63 Goshen Rd, Waterford, CT 06385

DATE	NO.	REVISIONS

DRAWN BY: CCS
APPROVED: M BOURDEAU
DATE: 26 OCT 2023

DRAWING STATUS
Issued for Review:
26 OCT 2023

DRAWING NAME:
Roof Plan

DRAWING NUMBER
A1.0

1 A1.0 ROOF PLAN
SCALE: 1/4" = 1'-0"

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM-FY 2027-2031

	DEPARTMENT/ AGENCY:							
DEPT PRIORITY	**PROJECT NAME**	**FUNDING SOURCE**	**FISCAL YEAR 2027**	**FISCAL YEAR 2028**	**FISCAL YEAR 2029**	**FISCAL YEAR 2030**	**FISCAL YEAR 2031**	**TOTAL**
1	WPD Locker Room Updates	3	247,930	247,930				**495,860**
	ECW Update	1				85,000		**85,000**
	Marine Patrol Engine Replacement (1/2) with ELPD	1					45,000	**45,000**
								0
								0
								0
								0
								0
	TOTALS		**247,930**	**247,930**	**0**	**85,000**	**45,000**	**625,860**

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
3 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM-FY 2032-2036

	DEPARTMENT/ AGENCY:							
DEPT PRIORITY	**PROJECT NAME**	**FUNDING SOURCE**	**FISCAL YEAR 2032**	**FISCAL YEAR 2033**	**FISCAL YEAR 2034**	**FISCAL YEAR 2035**	**FISCAL YEAR 2036**	**TOTAL**
	Training Equipment Update	1	25,000					**25,000**
	Kitchen Update	1		30,000				**30,000**
	Firearms Transition	1			60,000			**60,000**
	ATV/UTV Transition	1				45,000		**45,000**
	Command Post Update	1					75,000	**75,000**
								0
								0
								0
								0
								0
	TOTALS		**25,000**	**30,000**	**60,000**	**45,000**	**75,000**	**235,000**

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
3 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027 -2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Waterford Police Department	**CONTACT PERSON** Marc Balestracci, Chief of Police
PROJECT NAME Employee Locker Room Renovation/Expansion	**DEPARTMENT PRIORITY** 1

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

We continue to request and make upgrades within our building, which is now approximately 35 years old. In this request, we seek funding for a much needed locker room renovation project. This project will not only update areas directly impacting the employees of the Waterford Police Department, but it will also expand the female locker room in size, as we are beyond capacity for female employees. Although we have taken temporary measures to provide adequate space for newly hired female employees, these efforts are temporary only and are not sustainable for future growth. This project will double our capacity for female employees including increased showers and toilets (from one each to two in the female locker room), replace the original lockers providing proper ventilation and power outlets and install new acoustical ceilings and tiling to replace the original pink and blue tiling that will be irreparable after construction. This project includes a 10% contingency.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the aren below)

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance		247,930	247,930			
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**247,930**	**247,930**	**0**	**0**	**0**

Delta Commercial Interiors, Inc.

General • Drywall • Acoustical Contractor
65 Kreiger Lane
Glastonbury, CT 06033
860-691-1181 • Fax: 860-739-7285

Waterford Police Department
41 Avery Lane
Waterford, CT

CODE	Description	Cost
02040	DEMOLITION	$70,500.00
04220	MASONRY	$14,000.00
06400	MILLWORK	$ 3,420.00
08100	DOORS, FRAMES & HARDWARE	$ 4,000.00
09250	DRYWALL PARTITIONS	$15,600.00
09511	ACOUSTICAL CEILINGS	$ 6,810.00
09685	FLOORING AND BASE	$44,992.00
09900	PAINTING & WALLCOVERING	$ 1,550.00
102100	SPECIALTIES – Toilet Partitions	$ 4,434.00
15300	FIRE PROTECTION	$ 5,000.00
15600	PLUMBING	$25,200.00
15650	HVAC	$ 6,850.00
16100	ELECTRICAL – POWER/LIGHTING	$ 10,249.00
01002	GENERAL CONDITIONS	$ 20,000.00
	FEE – Overhead & Profit	$ 30,000.00
	PERMITS	$ 1,500.00

	TOTAL CONSTRUCTION BUDGET	$264,105.00

Architectural Fees and Post Construction Cleaning are included.

Standard Open Shop Rates.

All work too be performed during normal working hours.

Excludes hazardous waste removal.

Equipment Inc
bmh

ESTIMATE

BMH Equipment Inc
1217 BLUMENFELD DRIVE
SACRAMENTO CA 95815 US

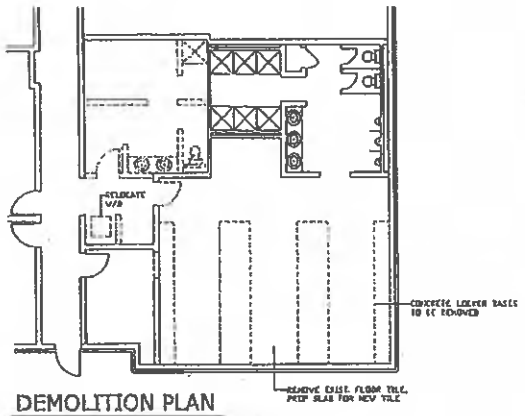
DATE	EXPIRATION	ESTIMATE #
3/25/2025		

BILL TO
Waterford CT PD
Marc Balestracci
41 Averylane
Waterford CT 06385 USA

SHIP TO

DESCRIPTION	QTY	RATE	AMOUNT
Non-stock Locker Option 2: Supply of 30W AIRFLOW w/ 36D base drawer, + electrical, but no slope top Detailed Specifications: Airflow Lkr 30W x 24D x 66H / Double Door, Combo lock 30W x 36D x 18H Extended Base Drawer Modular Electrical Plug-In-Play Components (optional) Drying Rack 30W x 36D W x 12D x 1.25H Hardwood - BENCH (most economical spans) Corner Fill Trim—Actual Size TBD / Field Cut To Size	1.00	150,708.86	150,708.86
Labor - Install OWN Snr Installation of Airflow Wardrobe System	1.00	18,200.00	18,200.00
Labor - Install OWN Std Dumpster and Rubble Removal	1.00	1,100.00	1,100.00
EQUIP RENTAL Telehandler—Offloading and Moving of Locker System	1.00	1,320.00	1,320.00
Labor - Install OWN Std Trimming of Lockers (Detail TBC)	1.00	4,550.00	4,550.00
Labor - Install OWN Std Installation of Modular Electrical Plug-In-Play Components	1.00	2,600.00	2,600.00
FREIGHT FREIGHT/DELIVERY FEE	1.00	8,200.00	8,200.00

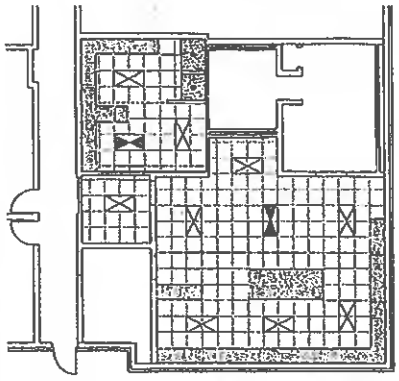
SUBTOTAL	186,678.86
DISCOUNT	
	186,678.86



DEMOLITION PLAN

= EXISTING TO REMAIN

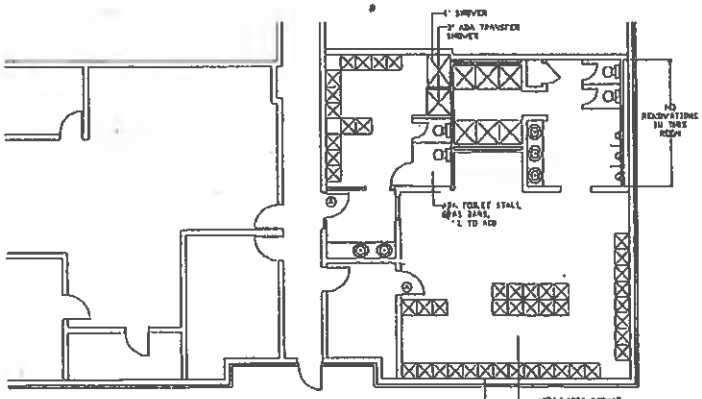
= EXISTING TO BE REMOVED



CEILING PLAN

= 2'x4' LED PANEL

= 2'x4' LED PANEL W/ BATTERY BACKUP



CONSTRUCTION PLAN

= NEW PARTITIONS 3-5/8" METAL STUDS W/ 5/8" SHEETROCK

= 3'-0" x 6'-8" S.C. DOOR, FRAME/WALL NUMBER, CORNER

SCALE: 1/16" = 1'-0"

DON VLAHAKIS ASSOC. ARCHITECTS

WATERFORD POLICE DEPARTMENT
41 AVERY LANE
WATERFORD, CT

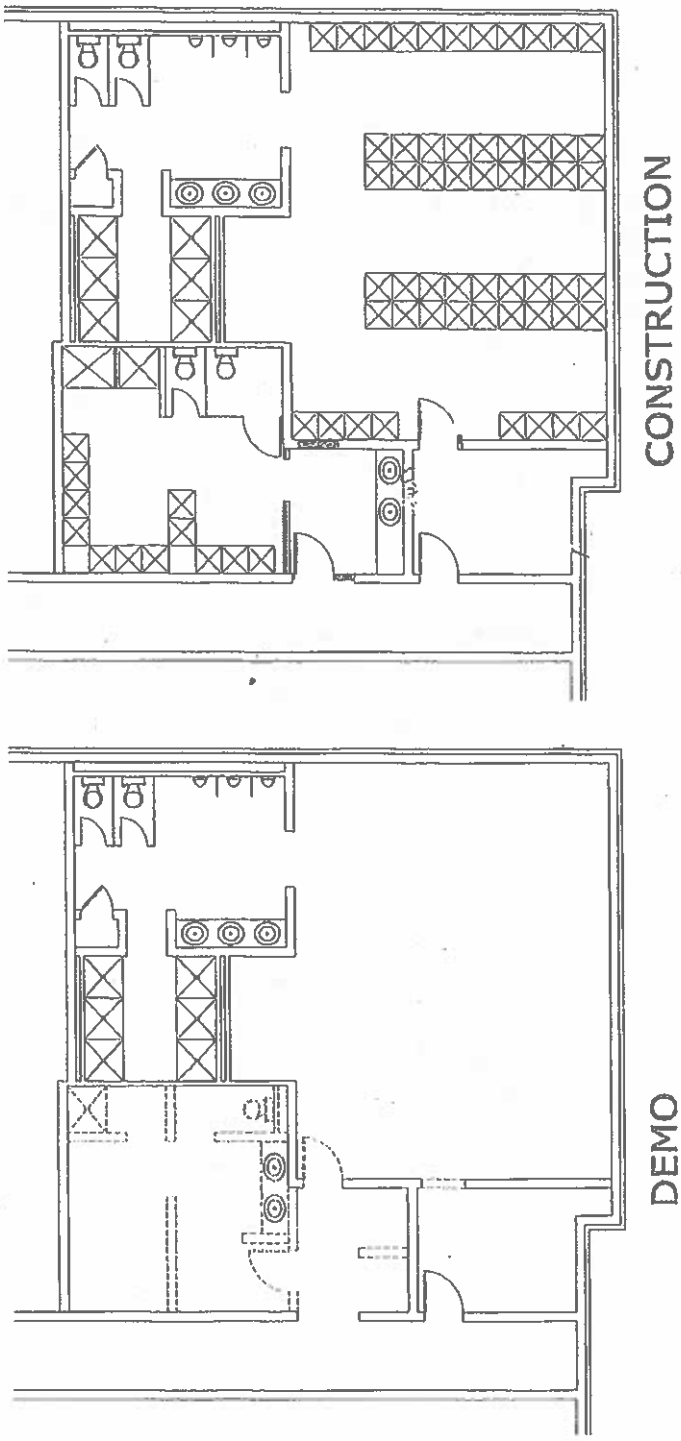
CONSTRUCTION PLAN

REVISIONS

A-1

PROJECT NO. 1263

DATE 11.07.2018


CONSTRUCTION
DEMO

ESTIMATE

Performance Sheet Metal
57 Bishop Rd
Boxrah, CT 06334

performancesheetmetal@hotmail.com
+1 (860) 334-0961

Bill to
Delta Commercial Interiors
65 Kreiger Lane
Glastonbury, CT 06033

Ship to
Delta Commercial Interiors
65 Kreiger Lane
Glastonbury, CT 06033

Estimate details
Estimate no.: 1084
Estimate date: 03/16/2025

#	Date	Product or service	Description	Qty	Rate	Amount
1.		Services	Waterford Police Department Remove existing exhaust ductwork for women's bathroom. Supply and install larger duct for women's bathroom with 3 runs off trunk. Relocate existing supply runs in women's locker room. Relocate existing supply runs in men locker room. Supply and install new dryer vent needed to tie in relocated dryer into existing dryer exhaust. All penetration holes to be done by others.		$6,850.00	$6,850.00

Total **$6,850.00**

Accepted date

Accepted by

Surroundings
CUSTOM INTERIORS INC.
130 Utopia Road, Suite 11
Manchester, CT 06042

ESTIMATE 22642

3/20/2025

BILL TO

Delta Commercial Interiors, Inc.
65 Kreiger Lane
Glastonbury, CT 06033

SHIP TO

PHONE#

CUSTOMER E-MAIL manager@deltacommercialint...

PROJECT

REP	TERMS
JGM	Due on receipt

QTY	UNIT	DESCRIPTION	COST	TOTAL
		Waterford Police Department		
28	sf	2x2 Mosaic Tile color tbd, installed	0.00	0.00T
1,134	sf	12x24 Floor Tile tbd, installed	0.00	0.00T
1,112	sf	12x24 Wall & Shower Wall Tile tbd, installed	0.00	0.00T
35	ea	Schluter for top of wall tile, installed	0.00	0.00T
1	ea	7 Kirdy large rolls, 2 drains, inside/outside corners, kerdi fix	0.00	0.00T
1	ea	All Set, Ultralite, Thinset, Wall Grout, Floor Grout, 4to1	0.00	0.00T
2	ea	Shower labor with Mudjob	0.00	0.00
50	bags	Leveler up to 1/4", labor & materials	0.00	0.00T
4	pails	Primer, labor & materials	0.00	0.00T
4	ea	Marble threshold, labor & materials	0.00	0.00T
		price does not include sheetrock		
			44,992.00	44,992.00T
		Sales Tax	6.35%	2,856.99

TOTAL	$47,848.99

By signing this estimate you are agreeing to pay for all items and services listed on this estimate.
We do not accept cancellations after 3 days. Ready to order? Email or call us and we will send you an invoice to pay!

Signature _____

Rick's Refinishing

29 Steele Ave
Wolcott CT 06716

ricksrefinishing2004@gmail.com

860-573-6822

Estimate

Date	Estimate #
3/18/2025	2213

Name / Address	Project Location
Delta Commercial Interiors 65 Kreiger Lane Glastonbury, Ct 06033	Locker rooms Waterford Police Dept 41 Avery Rd Waterford Ct

Phone #	P.O. No.	Terms	Project

Description	Qty	U/M	Rate	Total
Prepare and paint walls, doors and frames in both locker rooms as discussed	1		1,550.00	1,550.00T
Sales Tax			6.35%	98.43
			Total	$1,648.43

BLOOMFIELD ELECTRIC COMPANY

SERVICE - DESIGN - INSTALLATION
SINCE 1926 - CT LIC. #123564
65 Kreiger Lane Glastonbury, Ct. 06033-2434
Tel.: (860) 430-5588 Fax: (860) 430-5569
www.bloomfieldelectric.com

PROPOSAL

March 19, 2025
Project: Waterford Police Department Locker Room Remodel
Address: 41 Avery Lane, Waterford, CT
Architect: Don Hammerberg Assoc.
Engineer: n/a
Drawings dated: 3-7-25
Addenda Received: N/A
Wage Rates applied: standard non-prevailing
Taxes applied to quote: material and labor

BLOOMFIELD ELECTRIC COMPANY has included the following

- Make safe for demo
- Replace existing light fixtures with new per plans
- Provide new lighting controls
- Relocate existing car reader, push button and request for exit devices
- Relocate existing power for relocated washer/dryer
- Remove and replace existing receptacles with new
- Call-for-aid for new women's toilet stall
- Relocate existing voice/data
- Permit fees

EXCLUSIONS AND CLARIFICATIONS:

- Excludes HVAC controls and energy management wiring
- Excludes cutting, patching, and painting
- Excludes access, security and fire alarm
- Excludes dumpster and utility fees
- Work hours 7:00am to 3:00pm Monday through Friday
- All work is warranted for a period of one year from the date of substantial completion (certificate of occupancy)

Base Bid: $10,900.00

Alt – remove and replace existing light fixtures, controls and receptacles in men's toilet/shower area
ADD: $3,350.00

Respectfully,

Ryan LeBlond

RYAN LEBLOND / ESTIMATOR
Bloomfield Electric Co, INC.
65 Kreiger Lane, Glastonbury, CT 06033-2434
Tel: (860)430-5588 ext-32 Fax: (860) 430-5569
ryanleblond@bloomfieldelectric.com

André Furniture Industries

55 Sandra Drive, South Windsor, CT 06074
Tel: (860) 528-8826 Fax: (860) 528-9234

QUOTATION

Pages 1

To: Delta Commercial
65 Kreiger Lane
Glastonbury, CT 06033

Terms:

Attn: Steve
Re: Waterford P.D.
Date: 3/19/2025

From: *André Charbonneau*

Quantity	Description	Unit Price	Price
	8'-6" Corian vanity top with laminate apron - prep for 2 under-mount sinks		
	Corian priced to Group #2		
	Fabricate deliver & installed		$3,420.00

This Quotation shall be binding upon André Furniture, Inc. for a duration of 60 days.

We thank you for this opportunity to quote.
If further information is needed, please contact us.

PROPOSAL

STOVENKEAN PLUMBING LLC
Plumbing, HVAC & Fire Protection
Industrial, Commercial, Residential

P.O. Box 310895
Newington, CT 06131-0895

Office: 860-665-0708
Fax: 860-667-3614

PROPOSAL NO. 1
SHEET NO. 1
DATE 3-18-2025

PROPOSAL SUBMITTED TO:

NAME
Dorsa Commercial Interiors LLC
ADDRESS
65 Known Lane
Glastonbury CT 06033
PHONE NO.

WORK TO BE PERFORMED AT:

ADDRESS
Waterford Police Dept
41 Avery Lane
Waterford CT
DATE OF PLANS
ARCHITECT

We hereby propose to furnish the materials and perform the labor necessary for the completion of Supply Labor to and Install Complete: Plumbing for: 2 Floor Mount Toilets, w/ Battery Operated Flushometers, 2 Drop In Lavs w/ Single Lever Faucets Remove 1 Shower Stall + 1 ADA Stall ADA Stall is / ADA Shower Diverter Relocate Washer Machine Hookup Across The Hall. Cutting Trenching and Patching By Others / Price Includes Sales Tax

ADD for Hand Wand Flushometers

All material is guaranteed to be as specific, and the above work to be performed in accordance with the drawings and specifications submitted for above work and completed in a substantial workmanlike manner for the sum of Twenty Six Thousand Eight Hundred 20/100 Dollars ($ 26,800.20) with payments to be made as follows

Any alteration or deviation from above specifications involving extra costs will be executed only upon written order, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control

Respectfully submitted,

Per Member LLC.

Note: This proposal may be withdrawn by us if not accepted within ____ days

ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payments will be made as outlined above.

Signature

Date

Waterford P.D.

GS PARCEL

ESTIMATE

GS Parcel
10 Lane Rd
Raymond NH 03077 US

DATE	DUE	ESTIMATE #
3/24/2025	3/24/2025	2409

BILL TO
Delta Commercial Interiors Inc.
Vicky Hertler

SHIP TO

DESCRIPTION

Toilet Partition
(2) Compartments

Polymer (HDPE) Overhead Braced (OB)

NFPA 286 COMPLIANT - ASTM E84 CLASS B FIRE RATED

8" Aluminum Wrap Around Hinge
Surface Mounted Slide Latch
2 Door Pulls Per HDCP Door
Vandal Resistant Fasteners
Aluminum Stirrup Brackets

Installation
Installation of above items.
-No accy's included
-No teardown included

Delivery
Delivery of above items

GS PARCEL

ESTIMATE

GS Parcel
10 Lane Rd
Raymond NH 03077 US

DATE	DUE	ESTIMATE #
3/24/2025	3/24/2025	2403

BILL TO
Delta Commercial Interiors Inc.
Vicky Hertler

SHIP TO

DESCRIPTION

-50% due prior to material order; rest due upon installation
-All blocking and rough openings by others
-Due to current market volatility this quote valid for 30 days only.
-Price includes (1) mobilization, per section, to jobsite, additional mobilizations will require an approved change order
-Excludes all/any electrical work, power and control wiring, line and low voltage. To be done by the electrical sub
-Excludes Overtime, Off Hours, Nights, or Weekend rates. Priced based on standard time only.
-Shop drawings will be provided for toilet partitions, wire mesh caging, and lockers only. All other sections can be done at an additional charge that is NOT included in this proposal.
-Excludes special warranties. Warranties included will be based on manufacturer standard warranty and 1 year for installation.
-Excludes Attic Stock
-Excludes Flame Cert - application and testing by others.
-Excludes Priming of walls, to be done by painting contractor
-All area's where Visual display boards supplied GSS are to be installed must have a class A finish.
-Field Measurements must be "verified in field" off finished walls. If GSS is required to order materials, in advance of finishes, to meet schedule, The GC shall sign off on any "Hold To" dimensions. Any cost impacts due to variations between field conditions and "hold -to" dimensions will require an approved CO.

-Not included in installation quote and subject to an up charge are the following unless otherwise noted below:
-Carry material up stairs, *Paying for shop steward/forced union labor if needed, *Cleaning other than broom cleaning our work area, *Drilling in custom/porcelain tile, *Using Quickrock to cement in floor bolts, *Attending -Safety/Tool Box meetings. Any of the above if not included below will be billed out at $175/hr per installer.

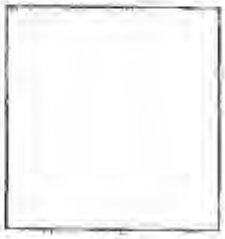
-Distribution of Material Using Elevator provided by others if Needed.
-Excessive Wait for Elevator, Street Unload and Carry up will be at an extra hourly rate of $175/hr per installer

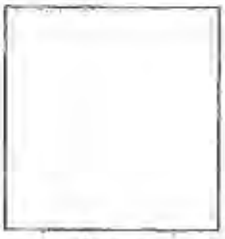
-Excludes escalation/storage; vendors will not provide accurate escalations for material; storage options are available at an additional cost.
-Any Escalation/storage costs included a only valid per current schedule, schedule delays will incurr additional charges.
-Pricing below is based on project being sold as a package, breaking out sections will require proposal to be re-quoted.
-Submittals cannot be initiated until signed contract has been received.
-Any Deposits listed below must be paid prior to submittals being done.

SUBTOTAL	4,434.07
TAX	143.77
	4,577.84

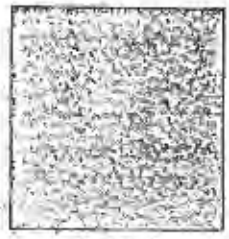
ASI Global Partitions

Solid Plastic (HDPE) Color Selection Guide


White
9201


Cream
9235


Ivory Essence
Speckle 9500*


Caramel
9688


Mocha
9212


Metallic Bronze
9513


Olive
9223


Moss
9233

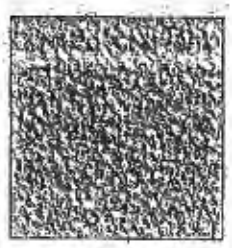

Hunter Green
9508


Azure
9231


Blue
9509


Burgundy
9211


Folkstone Gray
9400*


Gray
9200


Metallic Silver
9511


Charcoal
9237


Black
9205


Black Confetti
9217*

*Not available in Tough Texture™ or Hammered finishes.
Actual colors may vary slightly from those shown due to limitations in the printing process. Colors are subject to change with no notice.

ASI Global Partitions
900 Clary Connector
Eastanollee, GA 30538
Tel: 706.827.2700 Fax: 706.827.2710
Web: asi-globalpartitions.com

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ASI070324

ASI Group
Integrated Building Products

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:	Public Works						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
1	Huntsbrook Bridge at Bloomingdale / Repairs	3 & 7	25,000		160,000			185,000.00
2	Traffic Signals	3	35,000	300,000	300,000			635,000.00
3	Sidewalk Replacement / Mago Point	3	350,000					350,000.00
4	Concrete Curb Replacement - Millstone East	3	400,000		400,000			800,000.00
5	Wooden Streetlight Poles	1 & 3	25,000	100,000		100,000		225,000.00
6	Bridges / Culverts under 20'	1 & 3	25,000	250,000				275,000.00
7	Risk Assessment - Roadways	3		600,000		400,000		1,000,000.00
8	Minor Road Replacement - Vivian, Norman & Vauxhall	3		1,000,000			600,000	1,600,000.00
9	Transfer Station	3		100,000				100,000.00
10	MS4 Drainage Renovations	3		75,000	75,000	75,000	75,000	300,000.00
11	Realignment of Major Intersections	3			55,000			55,000.00
								-
	TOTALS		860,000.00	2,425,000.00	990,000.00	575,000.00	675,000.00	5,525,000.00

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Hunts Brook Bridge at Bloomingdale Road/Repairs	**DEPARTMENT PRIORITY** 1

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

From the rains of storm Ida in 2021, the bridge over the Hunts Brook at Bloomingdale Road (bridge # 06139) was overtopped causing the closure of the road, erosion of bank near the abutment and the asphalt road surface was lost. An analysis of the bridge back in 2014 found that the brook will overtop the bridge in a 27 year storm. Any overtopping of the bridge will shut the road down, a major concern for emergency services. Further hydraulic investigation down stream must be completed before the final design option is selected.

2 PROJECT STATUS IF IN PROGRESS

A report was completed by Haley Ward dated November 1, 2023 entitled Preliminary Hydraulic Analysis, Bridge 06139 was staffed through Town Departments for comment. It was decided that the study area should also include all downstream bridge(s) and the brook channel itself

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)

No impact to the Department's budget.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

Funded in FY 23 were funds to complete the study of the bridge. All projects will be reviewed to determine if they are eligible for State or Federal Bridge grants (up to 33%) or LOTCIP where the design costs are the town's responsibility and the construction costs by the LOTCIP grant

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Expanded narrative, excerpt from Kleinfelder report dated Nov 18, 2014, inspection report. Expert of the Haley Ward Study dated November 2023, proposal for further study dated Aug 22, 2024

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		25,000		160,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)				1,500,000		
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**25,000**	**0**	**1,660,000**	**0**	**0**

PUBLIC WORKS
WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Huntsbrook Bridge at Bloomingdale Repairs

There are seven bridges on the National Bridge Inventory (spans over 20") that the State DOT inspects every 2 years. The last inspection results were published in April of 2022. The rating scale used by the State has found three rated good and four rated fair.

Of these seven bridges, five are on primary local roads that move traffic throughout the town.

The rating system consists of these levels:

- Excellent - No noticeable deficiencies or deterioration
- Very Good – No problems requiring attention
- GOOD Condition - some minor problems
- Satisfactory – Structural elements show some minor deterioration nonstructural cracking; potential exists for major maintenance.
- FAIR - all primary structural elements are sound, but may have minor section loss, structural cracking, spalling or scour; potential exists for minor rehabilitation.
- POOR - advanced section loss, deterioration, spalling or scour
- SERIOUS - loss of section, deterioration, spalling or scour have seriously affected primary structural components. Local failures are possible. Fatigue cracks in steel or shear cracks in concrete may be present. Rehabilitation or repair required immediately
- CRITICAL - advanced deterioration of primary structural elements. Fatigue cracks in steel or shear cracks in concrete may be present, or scour may have removed substructure support. Need for immediate repair or rehabilitation is urgent; unless closely monitored it may be necessary to close the bridge until corrective action is taken.
- IMMINENT FAILURE - major deterioration or section loss present in critical structural components or obvious vertical or horizontal movement affecting structure stability. Bridge is closed to traffic, but corrective action may put back in light service.
- FAILED - out of service - beyond corrective

Serious bridge problems such as load restrictions and closures can be prevented by programming renovation work. The goal is to address the issues on the bridges before they are downgraded to poor or worse conditions.

Not included on this list are two bridges that are on the city line between New London and Waterford on Highland Avenue (fair) and Glenwood Avenue (Good) over Alewife Cove. In most cases involving bridges that span a municipal boundary, an inter-local agreement would be entered into to assign a lead community and assign costs.

Funding would retain the services of a qualified bridge engineering firm to fully inspect the structures and specify the required repairs with construction funding requested in the following years. The bridge engineering firm would take the findings from the State inspection reports, and prepare a preliminary design and cost estimates for future year funding. All projects will be reviewed to determine if they are eligible for State or Federal Bridge grants.

From the rains that were the result of Ida, the bridge over Hunts Brook at Bloomingdale Road (bridge # 06139) was overtopped causing the closure of the road, some erosion of bank near the abutment and some minor asphalt road surface was lost. An analysis of the bridge in 2014 found that the brook would overtop the bridge in a 27-year storm. Over topping of the bridge will shut the road down, a major concern for emergency services. Funding was approved in FY24 and a report was completed by Haley Ward dated November 1, 2023 entitled Preliminary Hydraulic Analysis, Bridge 06139, This was staffed through the Town Departments for comment. It was decided that the study area should also include all downstream bridge(s) and the brook channel itself.

KLEINFELDER
Bright People. Right Solutions.

MEMORANDUM

TO: Daniel Steward, First Selectman, Town of Waterford, CT

FROM: Neil Kulikauskas, P.E.
Hannah Bloomquist

DRAFT

DATE: November 18, 2014

SUBJECT: Bloomingdale Road Culvert Investigation & Analysis

1. Background

The Bloomingdale Road culvert over Hunts Brook (Structure No. 06139) was constructed in 1970, and consists of three 72-inch reinforced concrete pipes ranging from 40-feet to 45-feet in length. Local flooding and overtopping of Bloomingdale Road at the culvert crossing has been observed in the past during large and high-intensity rainfall events.

The purpose of our work was to analyze the hydrology and hydraulics of the existing culvert; compare results with other published data; determine the adequacy of the existing culvert; and evaluate potential system alternatives, if necessary. This memorandum summarizes our investigative methodology, results, and recommendations.

2. Existing Conditions

The watershed to the Bloomindale Road culvert crossing is approximately 10.5 square miles in size, and is comprised largely of wooded land with minimal residential and commercial development. Hunts Brook is the prominent watercourse in the watershed. It is a natural watercourse originating in the northern portions of the watershed in Montville as Deep Hollow Brook and its tributaries. The stream is naturally winding but generally runs in a southeast direction, discharging to Smith Cove in the Quaker Hill section of Waterford. Hunts Brook flows through two significant impoundments prior to the Bloomindale Road crossing: Cuheca Lake and Millers Pond.

In the vicinity of the Bloomingdale Road culvert, Hunts Brook continually varies in width from 40-feet to 100-feet wide (from bank to bank), with a slope of approximately 0.4%. Approximately 70 feet upstream of the culvert, the stream has a 35° bend east toward the culvert. Just after the bend there exists a beaver dam that spans across much of the stream width. The stream then constricts to approximately 20 feet wide at the culvert crossing.

KLEINFELDER
Bright People. Right Solutions.

5. Conclusions and Recommendations

Our investigations and analysis has been completed using documented assumptions and available resources, including topography mapping, aerial photography, and culvert reports and plans. Based on this, we have developed the following conclusions and recommendations:

1) While there are several approved methodologies (including past studies) for determining design flows to the culvert, the TR-55 analysis performed herein is considered to be most accurate and should be used for future analysis and recommendations.

2) The existing culvert is designed to safely carry the 18-year storm, with 1.0 foot of freeboard; and the 27-year storm without overtopping the roadway.

3) The design frequency requirements for municipally-owned structures can typically vary from 10-year to 500-year discharges. The required level of design depends on the level of risk (loss of life, loss of property, etc.) associated with the failure of the crossing and change in floodwaters upstream and downstream.

4) The existing culvert would not meet the CTDOT requirements for state-owned structures. (There is no state requirement for level of design on local roads.)

5) For the 100-year storm, the width of flow overtopping the roadway (approximately 210 feet) is consistent with the approximate FEMA floodplain width both upstream and downstream of the culvert.

6) The capacity of the crossing could be increased by adding pipes or replacing with a box or bridge structure.

7) The level and extent of changes in flood elevations upstream or downstream created by increasing the capacity of the culvert is not known. Additional hydraulic analysis would be required in order to determine the level and extent of changes in flood elevations along Hunts Brook as a result of various proposed alternative improvements.

KLEINFELDER 500 Enterprise Drive, Suite 4B, Rocky Hill, CT 06067 p | 860.563.7775 f | 860.563.6744

HALEY WARD.
ENGINEERING | ENVIRONMENTAL | SURVEYING

August 22, 2024

Mr. Gary Schneider
Director of Public Works
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

RE: ***Proposal for Professional Services, Conduct Additional Hydraulic Modeling on Hunt Brook, Downstream of Bloomingdale Road, Waterford, CT***

Dear Mr. Schneider:

As requested, Haley Ward, Inc. (Haley Ward) is pleased to submit this proposal for the Town's review and acceptance. As discussed with Town staff, our original hydraulic study recommended replacement of the three existing culverts on Bloomingdale Road with a clear span bridge opening to reduce flooding and roadway overtopping. Town staff requested downstream impact analysis if this bridge were constructed.

Note that precise determinations of downstream impacts would involve significant and costly modeling efforts; hence we are proposing an intermediate step to estimate flows. If these estimated flow increases are minimal, then no additional analyses may be required. However, if these flow increase are significant, then additional analyses using more detailed methods may be required, which is outside of this scope.

SCOPE OF SERVICES

1) Update Existing Hydraulic Model, Create New Hydrograph– We will update the HEC-RAS hydraulic model utilized to size the hydraulic openings at Bloomingdale Road, and create a downstream "Hydrograph", which takes into effect the reduction of storage behind the new Bloomingdale Bridge.

   We will utilize this hydrograph to estimate the potential for increased flows downstream of Bloomingdale Road.

2210 Main Street, P.O. Box 1088, Glastonbury, CT 06033
T: 860.659.3100 | HALEYWARD.COM

2) Obtain Available Mapping for Hunts Brook, Oil Mill Road Bridge and Old Norwich Road Bridge – Haley Ward will obtain available mapping for Hunts Brook downstream of Bloomindale Road, as well as available plans for the Oil Mill Road and Old Norwich Road bridge structures.

3) Conduct Preliminary Impact Analyses- Haley Ward will evaluate the impacts on the Oil Mill and Old Norwich Road bridge crossings, based on the preliminary estimate of flow generated by the new Hydrograph.

4) Review Meetings and Summary Memo- We will attend one meeting with the Town to review our findings and answer your questions. We will summarize these meeting results in memo format.

PROPOSED FEES

We propose to complete this work as specified for a lump sum fee of $ 16,000.

We hope the Town finds our proposal acceptable, and we look forward to continuing to serve Waterford on this project. If you or others have any questions or comments, I am at your service.

Respectfully submitted,
Haley Ward, Inc.

James E. Ericson, PE
Regional Manager | Vice President

HALEY WARD.
ENGINEERING | ENVIRONMENTAL | SURVEYING

November 1, 2023

Gary Schneider, Director of Public Works
Town of Waterford
1000 Hartford Road
Waterford, CT 06385

Re: Hunts Brook Flooding Evaluation Study at Bloomingdale Road, Waterford CT;
Haley Ward Project No. 4010195.22367

Dear Mr. Schneider:

In accordance with our proposal, Haley Ward, Inc. prepared a study to evaluate options to alleviate flooding on Hunts Brook, in the vicinity of Bloomingdale Road. Our work included field survey, stream cross-section surveys, mapping, creating a hydraulic model and evaluating improvement options.

A) Hydraulic Modeling – **Attachment A** is our Modeling Report for Hunts Brook. This study has the following major conclusions:

1) Hunts Brook has a **10.9 square mile** watershed area at Bloomingdale Road, which sets the methodologies required for analysis. Our approach is consistent with Connecticut DOT and DEEP methodologies for structure design with watershed areas over 10 square miles.

2) The ConnDOT drainage manual classifies this structure class as **large**, due to the watershed area **exceeding 10 square miles**. This mandates a 100 year frequency design storm and minimum freeboard heights for the new structure.

3) ConnDOT recommends the use of USGS Stream Stats data. For the 100-year return frequency storm, the calculated flow rate is **1,340 cfs**.

4) Haley Ward utilized GEOHEC-RAS software for this analysis and evaluated various hydraulic opening improvements for replacement structures ranging between 20 - 35 feet.

5) Our results show that a new 30-foot span bridge structure provides the optimal solution. A bridge with this opening passes the 100-year design storm, while keeping water surface elevations within the channel with no overtopping of the road or impacts to neighboring properties.

B) Schematic Design Plans- **Figure** 1 is the Existing Conditions Plan for Bloomingdale Road, showing the three existing 6 foot diameter reinforced concrete pipes, and the stream channel immediately upstream and downstream of the roadway.

Figure 2 shows the preliminary design layout for the new 30' span bridge, along with minor realignment of Bloomingdale Road, and re-grading of the channel.

Figure 3 is the preliminary cross section plan, with the previous 6' diameter culverts superimposed. Note that the 100 year storm event water surface elevation is shown, along with the **1.99 feet of under clearance** beneath the low chord of the bridge, and **4.76 feet of freeboard** below the low point of the reconstructed roadway.

C)Cost Estimate - Haley Ward recently completed design and construction administration services for a similar project, the Route 77 DOT Bridge in Killingworth. **Attachment B** is our cost estimate for this very similar structure, adjusted for inflation since the time of construction.

The estimated 2023 construction cost for the proposed 30' span bridge, including removal of the existing triple- 5' diameter culverts, is approximately **$ 2.0 million**.

Table 1 is an overall project cost estimate, including engineering design, permitting, construction administration and inspection, as well as 20 % contingences. The overall project cost is **$ 2.9 million**.

D) Permitting - The following permits likely will be required for this project:

Local – Inland Wetlands
Planning and Zoning (8-24 approval)
Representative Town Meeting (RTM)

State- DEEP- Inland Water Resources Permits- Water Diversion
- Section 401 Water Quality Certificate

Federal- Army Corp of Engineers Connecticut General Permit GP-19
Section 404 Permit

In addition, the following permits may also be required:

- Natural Diversity Data Base (NDDB)Study
- State Historic Preservation Office (SHPO) Study
- DEEP Flood Management Certification (if State funds are used)
- FEMA Letter of Map Revision

We look forward to discussing this report with you and other Town officials, and feel free to contact me with any questions or comments.

Respectfully submitted,
HALEY WARD, INC.

James E. Ericson, PE
Regional Manager / Vice President

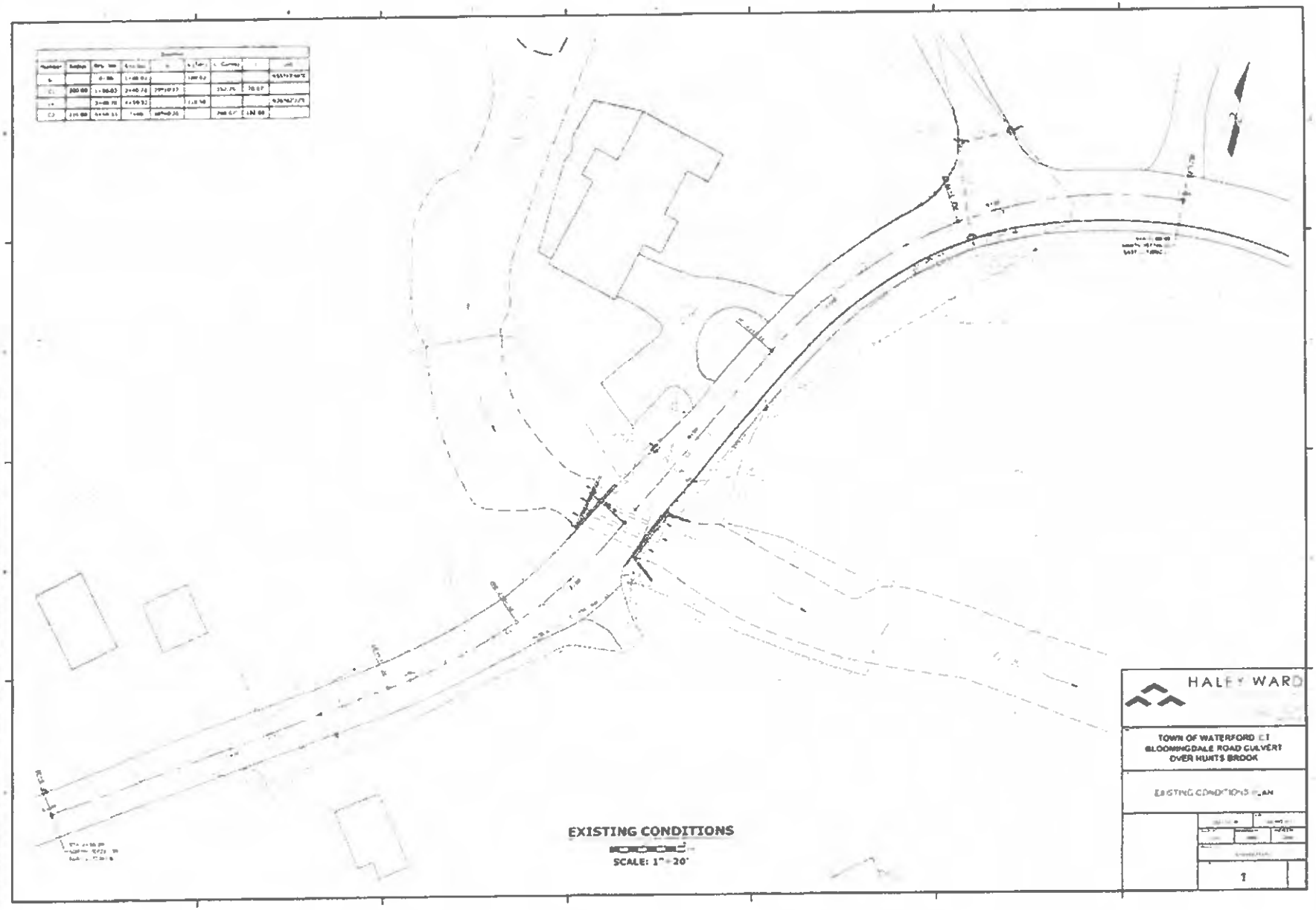
Haley Ward, Inc.
2210 Main Street
Glastonbury, CT 06033-6088

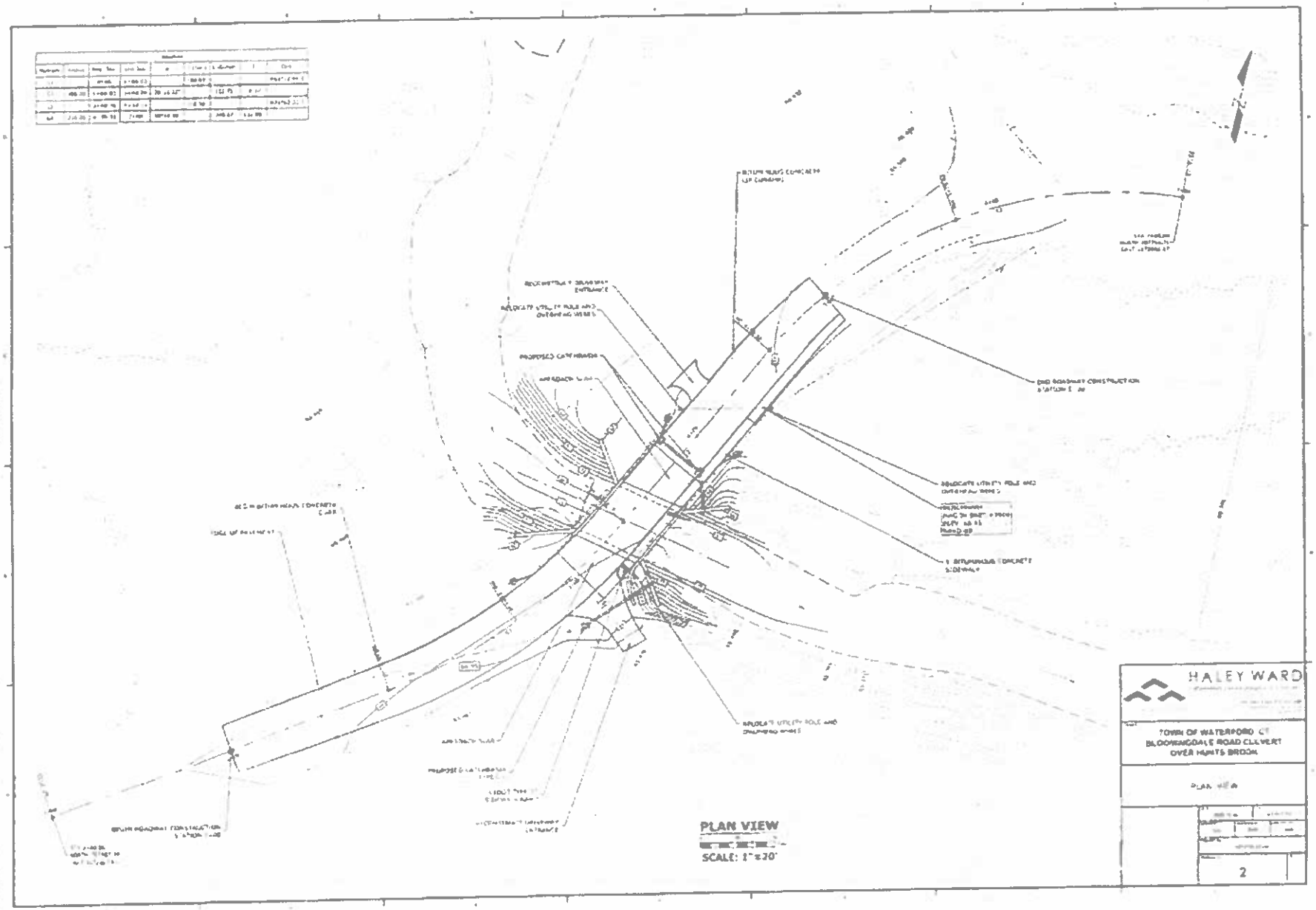
TABLE 1 - OPINION OF PROBABLE COST
Construct 30' Span Replacement Bridge
Bloomingdale Road over Hunts Brook
Waterford, CT

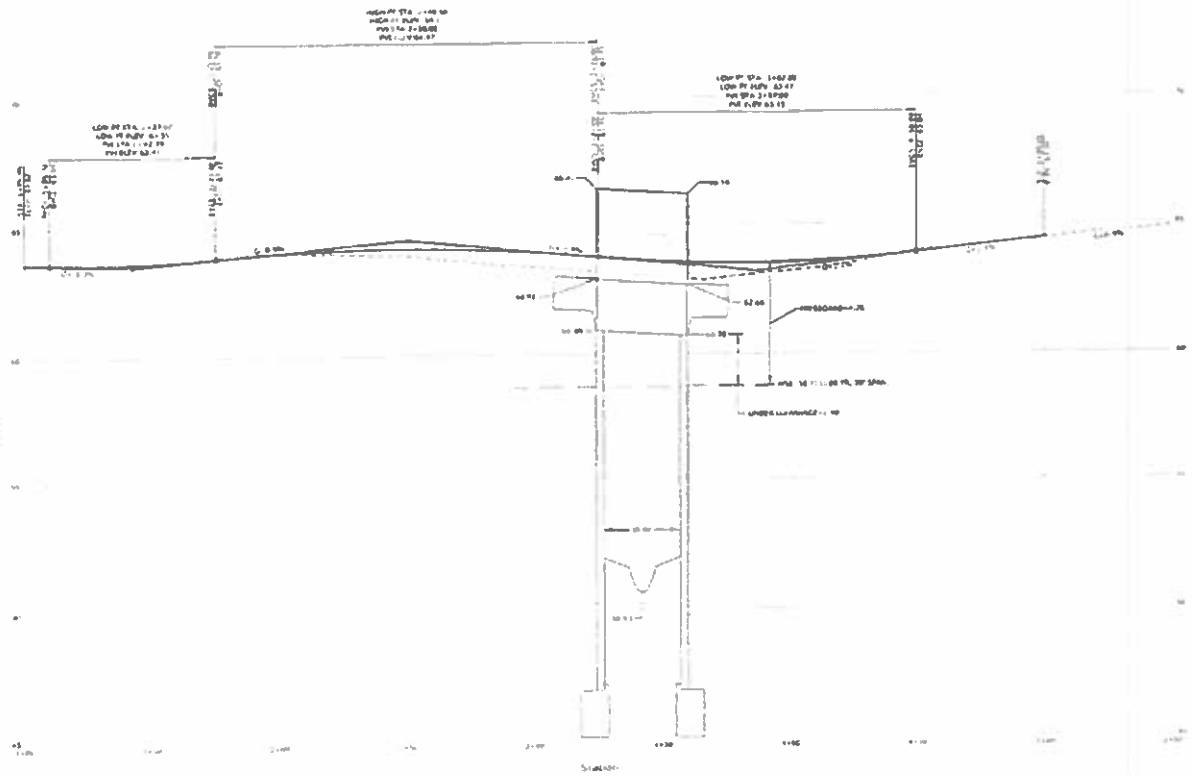
Estimate 10-9-2023
LEI Job No. 22-360
Prepared By JEE

	Total Item	Estimated Quantity and Unit Measure	Estimated Unit Price	Extended Price
1	Demolish Existing Culverts, Construct New 30' Span Bridge	1 LS	$2,000,000	$2,000,000
2	Final Engineering Design, Permitting (15 %)	1 LS	$300,000	$300,000
3	Engineering Services during Construction (10 %)	1 LS	$200,000	$200,000
4	Contingencies (20 %)	1 LS	$400,000	$400,000
	Estimated Project Cost w/Contingency			**$2,900,000**

FIGURES


EXISTING CONDITIONS
SCALE: 1"=20'
HALEY WARD
TOWN OF WATERFORD CT
BLOOMINGDALE ROAD CULVERT
OVER HUNTS BROOK
EXISTING CONDITIONS PLAN
1


HALEY WARD
TOWN OF WATERFORD CT
BLOOMINGDALE ROAD CULVERT
OVER HUNTS BROOK
PLAN VIEW
2
PLAN VIEW
SCALE: 1"=20'



ROADWAY PROFILE

SCALE: 1" = 20

HALEY WARD

TOWN OF WATERFORD, CT
BLOOMINGDALE ROAD CULVERT
OVER HUNTS BROOK

ROADWAY PROFILE

3

ATTACHMENT A
HYDRAULIC MODELING REPORT

HALEY WARD.

ENGINEERING | ENVIRONMENTAL | SURVEYING

MEMORANDUM

To: Gary Schneider, Director of Public Works

From: David N. Battista, P.E.

Re: Preliminary Hydrologic and Hydraulic Analysis
Bridge 06139 - Bloomingdale Road over Hunts Brook – Waterford, CT

Date: November 1, 2023

This memorandum summarizes Haley Ward's preliminary findings and recommendations for the replacement of Bridge 06139. We researched hydraulic design criteria, estimated design flows, prepared hydrologic and hydraulic analyses, and explored alternate proposed bridge openings to arrive at a recommended structure type and size.

Based on our preliminary findings, Haley Ward recommends that the Town of Waterford pursue removal of the existing three-barrel culvert system and replacement with a 30-foot span bridge. We also recommend modest improvements to the approach and departure sections and a small increase in the roadway vertical alignment to optimize hydraulic performance of the structure.

The recommended 30-foot span bridge will meet Connecticut Department of Transportation (CT DOT) hydraulic-sizing criteria for Large Structure-Class bridge and will keep the proposed 100-year water-surface profile less than one foot above the *Natural-Condition* water surface profile as required by Connecticut Department of Energy and Environmental Protection (CT DEEP) hydraulic design guidance. The proposed 30-foot span bridge will pass the 500-year flood without overtopping the roadway.

We note that the 100-year *Proposed-Condition* water-surface profile ranges from 3.5 to 5 feet lower than the 100-year *Existing-Condition* water-surface profile upstream of the bridge. This large change eliminates overtopping, provides low-chord under-clearance during the 100-year flood and significantly reduces inundation on upstream properties. However, the change also reduces floodplain storage upstream of the bridge, which results in an increase in peak-discharge rates downstream. Study of instantaneous changes to floodplain hydrology (inflow hydrograph development and flood routing calculations for the *Existing* and *Proposed Conditions*) would be required to determine whether the changes are significant. Such a study is beyond the scope of our engagement at this stage of the project.

140 Willow Street, Suite 8, Winsted, CT 06098
T: 860.379.6669 | HALEYWARD.COM

The CT DEEP *Hydraulic Analysis Guidance Document* mentions that significant alterations in floodplain hydrology that result in increased downstream discharges may be considered intolerable. If so, the CT DEEP could require the Town to preserve the *Existing Condition* water-surface profile or to throttle the bridge opening downward to achieve some form of compromise between reduction in upstream water-surface profile elevations and increase in downstream peak-discharge rates. If the Town decides to pursue this project further, we recommend a pre-application meeting with the CT DEEP to review these preliminary findings and set direction for further hydrologic and hydraulic analyses.

The state of practice in Connecticut and regulatory pressure from State and Federal agencies generally drive the need for a bridge or open-bottom structure for Large Structure-Class bridges like this one. These types of structures must be founded on shallow bedrock, if available, or on deep piles to withstand the possibility of scour damage during periods of flooding. A geotechnical investigation and scour analysis are beyond the scope of our engagement at this stage in the project. However, we note that reduction in bridge span to preserve upstream floodplain hydrology will increase the potential for scour if shallow bedrock is not present.

Hydraulic Design Criteria

Chapter 9 of the Connecticut Department of Transportation (CT DOT) *Drainage Manual* presents design criteria required for various structure classes. Structure classes are based on drainage basin size. **Table 9-2** of the *Drainage Manual* shows minimum freeboard and under-clearance criteria for various structure classes:

Table 9-2

SUMMARY OF HYDRAULIC CRITERIA[5]

CONNDOT STRUCTURE CLASS[1]	DRAINAGE AREA sq. km (sq. mile)	DESIGN FREQUENCY (year)	CHECK FREQUENCY (year)	MINIMUM FREEBOARD[3] FOR DESIGN FREQUENCY m (ft)	MINIMUM BRIDGE UNDER-CLEARANCE FOR DESIGN FREQUENCY m (ft)
Minor	<2.59 (1) (no established watercourse)	25	-	0.3 (1)	-
Small	<2.59 (1)	50	100	0.3 (1)	-
Intermediate[1]	≥2.59 (1) <25.9 (10)	100	500	0.3 (1)	0.3 (1)
Large[1]	≥25.9 (10) <2590 (1000)	100	500	0.3 (1)	0.6 (2)
Monumental	≥2590 (1000)	100[2]	500[4]	0.3(1)[4]	0.6 (2)[4]

The subject crossing has a drainage area of 10.9 square miles; accordingly, Table 9-2 classifies Bridge 06139 as a "Large" structure. Figure 1 shows the drainage area for this bridge. For Large structures, any new replacement structure must be designed for the 100-year recurrence-interval flood, with at least two feet of under-clearance and at least

one foot of freeboard. In addition, the implications of the 500-year recurrence interval flood must be explored.

The Connecticut Department of Energy and Environmental Protection (CT DEEP) Inland Water Resources Division published a manual entitled "*Hydraulic Analysis Guidance Document*". Section 2 of the Governing Policies portion of this manual specifies that the *Proposed-Condition* water surface profile should be no more than one foot higher than the *Natural Condition* water-surface profile.

Haley Ward perceives the foregoing CT DOT and CT DEEP criteria as the state of practice for hydraulic sizing of replacement bridges in Connecticut, including those on state highways or those on municipal highways that are funded with state and federal dollars.

In certain cases, State flood-management regulations allow relaxation of ConnDOT design standards on low-volume, non-state roadways that lie close to the floodplain elevation. If the project is funded entirely with municipal dollars, it may be possible for the Town to win approval for a reduced-capacity design through analysis and discussion with State and Federal regulators. If the Town pursues relaxation of CT DOT and CT DEEP design standards, the Town will have to contend with periodic traffic disruptions and roadway damage associated with more-frequent overtopping. For this analysis, Haley Ward followed the CT DOT and CT DEEP design criteria described above.

Design Flow

For structures on larger streams and rivers, the CT DOT typically requires the use of current USGS regression equations for Connecticut to establish design flow-rates for the hydraulic design of bridges and culverts, with at least one independent method to check the regression-equation results. Haley Ward used the USGS StreamStats web tool to generate the following regression-equation results for Bridge 06139:

Recurrence Interval	Flow Rate
2-Year	393 CFS
10-Year	710 CFS
25-Year	930 CFS
50-Year	1,130 CFS
100-Year	1,340 CFS
500-Year	1,970 CFS

The US Geological Survey (USGS) maintained Stream Gage 01127760 at the site of Bridge 06139 from 1964 to 1976, a period of relative drought. Peak discharge rates predicted at this gage for various recurrence-interval floods are substantially lower than the predictions generated by the current Connecticut regression equations for the same location.

Haley Ward opted against using the gage data directly or a weighted average of stream-gage data and statewide regression-equation discharge rates for design because of the short period of record and drought-influenced results at the gage.

Haley Ward also reviewed a document entitled *Hydrologic Design Report - Old Mill Road Bridge over Hunts Brook (Structure No. 05518) for the Town of Waterford* dated February 9, 2007 by SEA Consultants, Inc. This bridge is located downstream of the subject bridge and has a drainage area of 11.5 square miles. The SEA report utilized the simplified USGS Regression Equations for Connecticut to predict flood discharges for the Old Mill Road structure. The results are somewhat higher than the results generated by Haley Ward using the current USGS multi-parameter regression equations at Bloomingdale Road, even after factoring the difference in drainage areas.

The SEA report contained an excerpt from a 1968 publication entitled "Storm Drainage Study – Southeastern Connecticut Region" by Cahn Engineers. In this study, Cahn computed the peak 10-year discharge for the Bloomindale Road crossing at 1,200 to 1,250 CFS using the Rational Method (the current CT Regression Equations return a value of 710 CFS for the 10-year recurrence interval).

Figure 2 presents an excerpt from the New London County Flood Insurance Rate Map – Panel No. 09011C0363J. The location of Bridge 06139 is identified on this excerpt. The excerpt shows that Bridge 06139 is located in Flood Zone A (No Base Flood Elevations Determined). Accordingly, no peak-discharge rates were determined for this location.

Based on a review of available data, Haley Ward rejected further consideration of stream-gage data or information from the SEA report. We opted to recommend discharge rates for design as generated by the Connecticut Multi-Parameter Statewide Regression Equations. These rates are present in the table above.

Hydraulic Model Development

Haley Ward utilized the Hydrologic Engineering Center River Analysis Software (HEC-RAS) to generate hydraulic models for this analysis. Figure 3 shows the location of the river baseline and the positions of hydraulic cross sections employed in our hydraulic models.

We compiled geometry for the analysis using Lidar surface in the overbank areas (obtained from Connecticut Environmental Conditions Online) and surveyed cross sections of Hunts Brook in the channel to generate hydraulic cross sections. By combining these two data sets, we compiled hydraulic cross sections in specific locations upstream and downstream of Bloomingdale Road within the model. We defined Manning's roughness coefficients, obstruction (buildings), and ineffective flow areas for each of the cross sections.

Haley Ward developed a *Natural-Condition* model using the aforementioned cross-sections without the presence of the Bloomingdale Road culverts, roadway embankment, or associated ineffective flow areas. This procedure established the *Natural-Condition* water-surface profile target previously discussed.

To generate the *Existing-Condition* model, Haley Ward added the three Bloomingdale Road culverts, roadway embankment, and associated ineffective flow areas.

We then created four *Proposed-Condition* models, each with its own unique bridge span (20, 25, 30, and 35 feet) and associated ineffective flow areas. We created a slightly modified roadway profile (used in each of the four *Proposed-Condition* models) to reflect probable bridge and parapet dimensions and to correct minor deficiencies in the existing roadway alignment.

To meet the CT DOT under-clearance requirements, we raised the roadway approximately six inches. Once the roadway profile was established, we estimated pavement and deck thicknesses using Plate 5.6.6 of the CT DOT *Bridge Design Manual* and guidance from in-house structural engineers. We determined low-chord elevations by subtracting the estimated pavement and deck thicknesses from the proposed roadway profile.

Results

The following tables summarize the elevation difference between the 100-Year *Proposed Condition* and 100-Year *Natural Condition* water surface profiles at each River Station, low-chord under-clearance, and freeboard for each of the four *Proposed Condition* scenarios. Exhibit A contains comparative water surface profiles for each alternative.

Alternative 1 – 20' Span:

River Station	100-Year NatCon WSE (NAVD-88)	100-Year ExCon WSE (NAVD-88)	100-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Δ WSE ProCon-NatCon (FT)	LC Under-Clear. (FT)	Free-Board (FT)
1281	60.58	64.08	60.72	-3.36	0.14		
929	60.05	64.04	60.26	-3.78	0.21		
659	59.15	63.98	59.5	-4.48	0.35		
600	59.17	63.98	59.57	-4.41	0.4		
560	58.09	63.92	59.4	-4.52	1.31	1.30	4.07
521.21			Bridge				
487	58.3	58.3	58.3	0	0	2.4	
476	58.37	58.37	58.37	0	0		
440	58.15	58.15	58.14	-0.01	-0.01		
391	57.25	57.25	57.28	0.03	0.03		
371	56.49	56.49	56.49	0	0		
206	54.59	54.59	54.59	0	0		

Alternative 2 – 25' Span:

River Station	100-Year NatCon WSE (NAVD-88)	100-Year ExCon WSE (NAVD-88)	100-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Δ WSE ProCon-NatCon (FT)	LC Under-Clear. (FT)	Free-Board (FT)
1281	60.58	64.08	60.54	-3.54	-0.04		
929	60.05	64.04	59.99	-4.05	-0.06		
659	59.15	63.98	59.05	-4.93	-0.1		
600	59.17	63.98	59.12	-4.86	-0.05		
560	58.09	63.92	58.93	-4.99	0.84	1.77	4.54
521.21			Bridge				
487	58.3	58.3	58.3	0	0	2.40	
476	58.37	58.37	58.37	0	0		
440	58.15	58.15	58.14	-0.01	-0.01		
391	57.25	57.25	57.28	0.03	0.03		
371	56.49	56.49	56.49	0	0		
206	54.59	54.59	54.59	0	0		

Alternative 3 – 30' Span:

River Station	100-Year NatCon WSE (NAVD-88)	100-Year ExCon WSE (NAVD-88)	100-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Δ WSE ProCon-NatCon (FT)	LC Under-Clear. (FT)	Free-Board (FT)
1281	60.58	64.08	60.47	-3.61	-0.11		
929	60.05	64.04	59.87	-4.17	-0.18		
659	59.15	63.98	58.83	-5.15	-0.32		
600	59.17	63.98	58.92	-5.06	-0.25		
560	58.09	63.92	58.71	-5.21	0.62	1.99	4.76
521.21			Bridge				
487	58.3	58.3	58.31	0.01	0.01	2.39	
476	58.37	58.37	58.38	0.01	0.01		
440	58.15	58.15	58.16	0.01	0.01		
391	57.25	57.25	57.24	-0.01	-0.01		
371	56.49	56.49	56.49	0	0		
206	54.59	54.59	54.59	0	0		

Alternative 4 – 35' Span:

River Station	100-Year NatCon WSE (NAVD-88)	100-Year ExCon WSE (NAVD-88)	100-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Δ WSE ProCon-NatCon (FT)	LC Under-Clear. (FT)	Free-Board (FT)
1281	60.58	64.08	60.44	-3.64	-0.14		
929	60.05	64.04	59.81	-4.23	-0.24		
659	59.15	63.98	58.7	-5.28	-0.45		
600	59.17	63.98	58.8	-5.18	-0.37		
560	58.09	63.92	58.58	-5.34	0.49	2.12	4.89
521.21			Bridge				
487	58.3	58.3	58.3	0	0	2.40	
476	58.37	58.37	58.37	0	0		
440	58.15	58.15	58.14	-0.01	-0.01		
391	57.25	57.25	57.28	-0.03	-0.03		
371	56.49	56.49	56.49	0	0		
206	54.59	54.59	54.59	0	0		

The results show the optimal structure size to be a 30-foot span bridge. The difference between the proposed condition and the natural condition water surface elevations is 0.6 feet which is less than one foot as required by the CT DEEP. The distance to the low chord is calculated to be 2.0 ft. This matches the CT DOT design criteria. Freeboard is four times or greater than the CT DOT requirements. All targets are met with this structure size.

Haley Ward recommends that the Town pursue final design using a 30-foot span bridge.

As noted in Table 9-2 of the CT DOT Drainage Manual, the implications of the 500-Year check flood must be investigated for "Large" structures. Exhibit B contains comparative water-surface profile plots for each of the four alternatives explored.

The following tables present the elevation differences between the 500-year *Existing Condition* and *Proposed Condition* water surface profiles, the 500-year low-chord under-clearance, and the 500-year overtopping depth for each of the alternatives under consideration:

Alternative 1 – 20' Span:

River Station	500-Year ExCon WSE (NAVD-88)	500-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Low Chord Under-Clearance (FT)	Freeboard (FT)	Overtopping Depth (FT)
1281	64.63	63.58	-1.05			
929	64.57	63.47	-1.1			
659	64.47	63.25	-1.22			
600	64.48	63.22	-1.26			
560	64.40	63.05	-1.35	N/A	0.42	N/A
521.21	Culvert	Bridge				
487	59.47	59.48	0.01	1.22		
476	59.58	59.57	-0.01			
440	59.26	59.24	-0.02			
391	58.00	58.02	0.02			
371	57.35	57.35	0			
206	55.73	55.73	0			

Alternative 2 – 25' Span:

River Station	500-Year ExCon WSE (NAVD-88)	500-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Low Chord Under-Clearance (FT)	Freeboard (FT)	Overtopping Depth (FT)
1281	64.63	61.96	-2.67			
929	64.57	61.59	-2.98			
659	64.47	60.64	-3.83			
600	64.48	60.73	-3.75			
560	64.40	60.47	-3.93	0.23	3.00	N/A
521.21	Culvert	Bridge				
487	59.47	59.48	0.01	1.22		
476	59.58	59.57	-0.01			
440	59.26	59.24	-0.02			
391	58.00	58.02	0.02			
371	57.35	57.35	0			
206	55.73	55.73	0			

Alternative 3 – 30' Span:

River Station	500-Year ExCon WSE (NAVD-88)	500-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Low Chord Under-Clearance (FT)	Freeboard (FT)	Overtopp'ng Depth (FT)
1281	64.63	61.81	-2.82			
929	64.57	61.39	-3.18			
659	64.47	60.28	-4.19			
600	64.48	60.39	-4.09			
560	64.40	60.10	-4.3	0.60	3.37	N/A
521.21	Culvert	Bridge				
487	59.47	59.51	0.04	1.19		
476	59.58	59.59	0.01			
440	59.26	59.27	0.01			
391	58.00	57.94	-0.06			
371	57.35	57.35	0			
206	55.73	55.73	0			

Alternative 4 – 35' Span:

River Station	500-Year ExCon WSE (NAVD-88)	500-Year ProCon WSE (NAVD-88)	Δ WSE ProCon-ExCon (FT)	Low Chord Under-Clearance (FT)	Freeboard (FT)	Overtopping Depth (FT)
1281	64.63	61.73	-2.9			
929	64.57	61.28	-3.29			
659	64.47	60.07	-4.4			
600	64.48	60.20	-4.28			
560	64.40	59.88	-4.52	0.82	3.59	N/A
521.21	Culvert					
487	59.47	59.48	0.01	1.22		
476	59.58	59.57	-0.01			
440	59.26	59.24	-0.02			
391	58.00	58.02	0.02			
371	57.35	57.35	0			
206	55.73	55.73	0			

HALEY WARD

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PROJECT No.: 4010193.22376 DRAWING No.: WATERSHED

PROJECT: BLOOMINGDALE ROAD CULVERT, WATERFORD, CT

TITLE: WATERSHED MAP Figure 1

DWN. BY CG CHK BY: DNB DATE: 2023.10.09

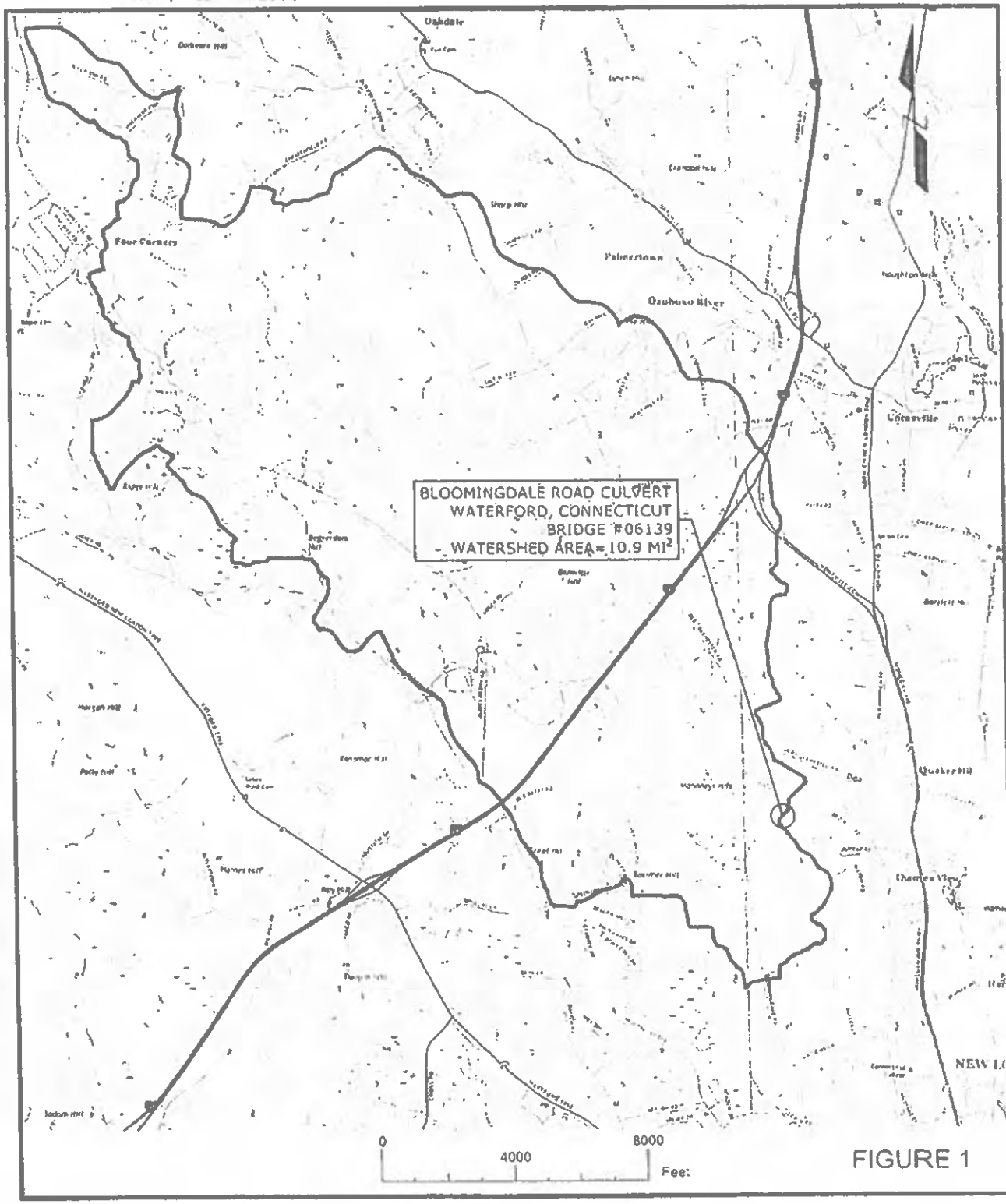
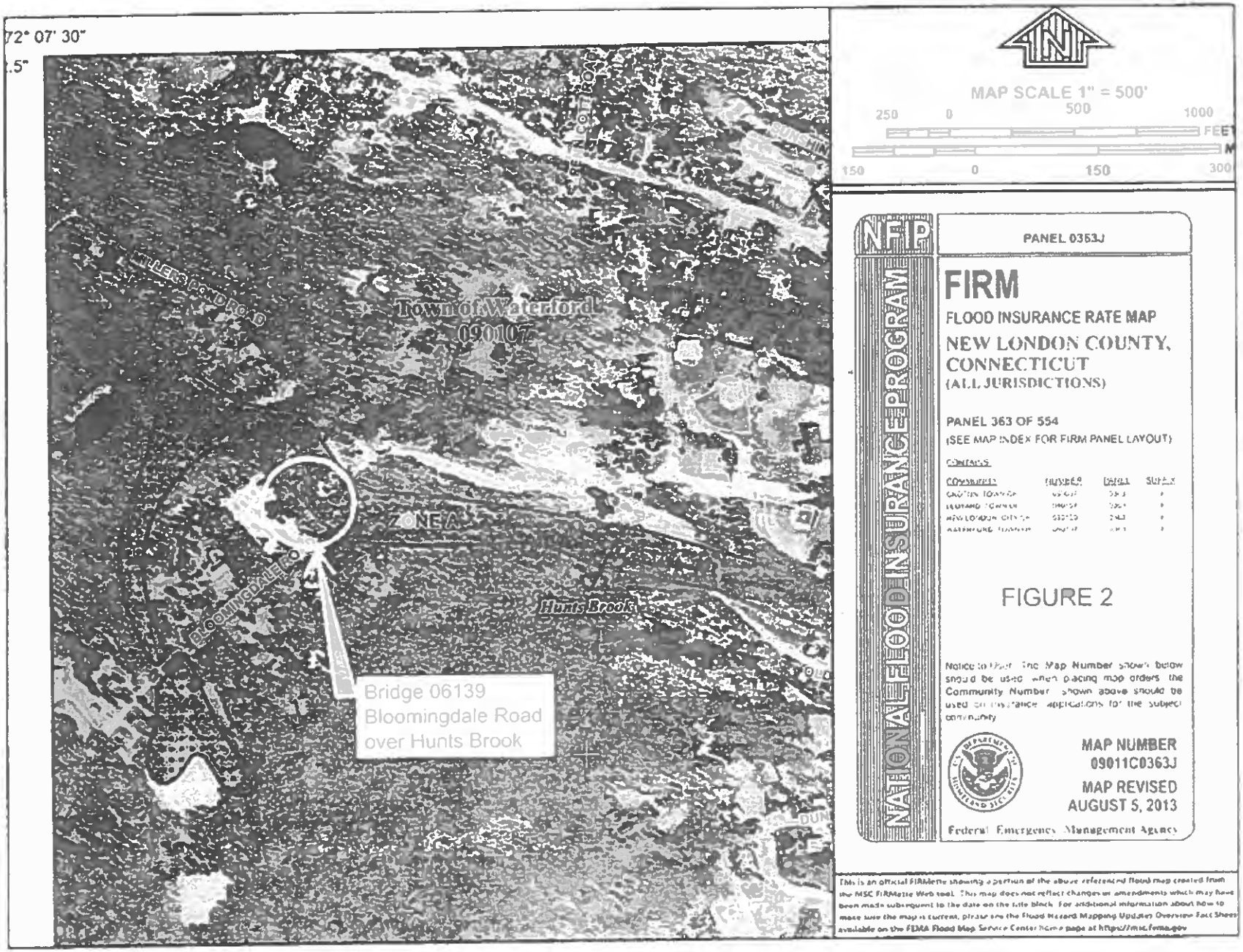


FIGURE 1


72° 07' 30"
.5"
Town of Waterford
090107
ZONE A
Hunts Brook
Bloomingdale Road
Bridge 06139
Bloomingdale Road
over Hunts Brook
MAP SCALE 1" = 500'
250 0 500 1000
FEET
150 0 150 300
NFIP
NATIONAL FLOOD INSURANCE PROGRAM
PANEL 0363J
FIRM
FLOOD INSURANCE RATE MAP
NEW LONDON COUNTY, CONNECTICUT
(ALL JURISDICTIONS)
PANEL 363 OF 554
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)
CONTAINS
FIGURE 2
Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.
MAP NUMBER
09011C0363J
MAP REVISED
AUGUST 5, 2013
Federal Emergency Management Agency
This is an official FIRMette showing a portion of the above referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at https://msc.fema.gov

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Traffic Signals	**DEPARTMENT PRIORITY** 2

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Town is responsible for traffic signals installed at certain intersections of Town roads. Currently, the Town has four locations where traffic signals are Town owned. Those are Parkway South with Cross Road, Parkway North with Cross Road, the flashing beacon at the Municipal Complex and Route 85 and Millstone Road/Seaview Terrace with Route 1. The signals at Cross Road were installed in 2009. These intersections will experience additional traffic with completion of over 340 housing units at Cross Road and Route 85 and the planned redevelopment of the Crystal Mall site. A traffic engineer would review these intersections and prepare a report of the condition of existing equipment, recommended replacement, and cost estimates for these critical signals.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

The Department is experiencing additional maintainece costs that included frayed span and signal wires, rodent damage to the control boxes and timing that has lead to increased wait times.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)

None

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		35,000	300,000	300,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**35,000**	**300,000**	**300,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Traffic Signals

The Town is responsible for traffic signals installed at the intersections of Town roads; in locations that control traffic from a town facility (Fire Houses) onto a road, a town driveway onto a State road (usually a warning beacon) or installed at other locations at the Town's request. All other locations are the responsibility of the State DOT or private property owner to maintain.

Currently, the Town has four locations where traffic signals are Town owned. Those are Parkway South with Cross Road, Parkway North with Cross Road, the flashing beacon at the Municipal Complex on Route 85 and Millstone/Seaview Terrace with Route 1.

Jordan and Oswegatchie Fire Houses both have a traffic signal that are maintained by Fire Services.

The traffic signals at the intersections of Cross Road and Parkway North and South were installed in 2009. The Town must plan for their replacement.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Sidewalk Replacement/Infill - Mago Point	**DEPARTMENT PRIORITY** 3

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project will connect the newly constructed Niantic River Road concrete sidewalks which now end at the intersection of Mago Point Way westward to the parklet on the Niantic River. This infill will provide a concrete sidewalk that will connect the neighborhoods with the river and area restaurants and businesses. Portions of the sidewalk have already been constructed as part of the parking lot project and abutting property owners as part of their site plan requirements.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Minor impact. Current practice is just to make the condition safe.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**
	See attached expanded narrative. Map.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		350,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**350,000**	**0**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Sidewalk Replacement / Mago Point

This Capital project supports surface transportation projects that encompass roads, street accessories, sidewalks, and bridges. The objective is to provide safe, attractive, and efficient public transportation ways and infrastructure systems that support them.

With many sidewalks around the Town in need of repair and replacement, this project will request funding for multiple years to repair sidewalks, infill sections between existing walks and increase pedestrian safety throughout our community. The Town has an extensive network of sidewalks in not only neighborhoods, but also connecting neighborhoods with each other and other town parks, local businesses and community services. Sidewalks also provide a visual character of community, equal to what a good road provides. By providing a safe walkway, we will be encouraging people to use this healthy and environmentally sustainable mode of travel and become a more attractive place to live and work.

This project will replace sections of concrete and asphalt sidewalks that are not salvageable, infill sections between existing sidewalks and provide new sidewalks where none exists. Also included in this project will be the replacement or installation of ADA ramps, address constrictions with the sidewalk and properly locate crosswalks where required.

It is recommended that this multi-year project be a mix of local neighborhood sidewalks and connecting sidewalks. This project comply will the ADA Transition Plan, Title II.

Update: Niantic River Road Sidewalk: The replacement of the asphalt sidewalk on the east side of the road from the intersection of Old Niantic River Road to Mago Point Way has been submitted to the State DOT for construction funding consideration under LOTCIP.
Concrete sidewalks have been replaced on Summer, David, Norman and William Streets in 2024.



10/8/2025 10:04:52 AM

Scale: 1"=150'

Scale is approximate

The information depicted on th s map is for p'anning purposes only. It is not adequate for legal boundary definition regulatory interpretation, or parcel-level analyses

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Concrete Curb Replacement - Millstone East	**DEPARTMENT PRIORITY** 4

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Deteriorated sections of concrete curbing in the Millstone East Neighborhood must be replaced before the road can be resurfaced. The curbing has spalled to a point where steel rebar is being exposed and is becoming a hazard to tires or the walking public. Patching the spalled concrete is not cost effective as the water and salt has already reached the untreated steel and the spalling will continue until all affected sections have been removed. Modern concrete mixes are formulated to stand up to salt (chlorides) intrusion. It is proposed that this project be funded multi-year allowing the pavement to be addressed in FY 2030. Gunshot, Lanyard Lane, Race Rock, Windward Way and Millstone Road East.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	Paving of the roads will be held off until the curbing condition is addressed.
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Minor impact. Current practice is just to make the condition safe.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	See attached expanded narrative, map

7 **COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		400,000		400,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**400,000**	**0**	**400,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Concrete Curb Replacement – Millstone East

This project supports surface transportation projects, which encompass roads, street accessories, sidewalks, and bridges. The objective is to provide safe, attractive, and efficient public transportation ways and infrastructure systems that support them.

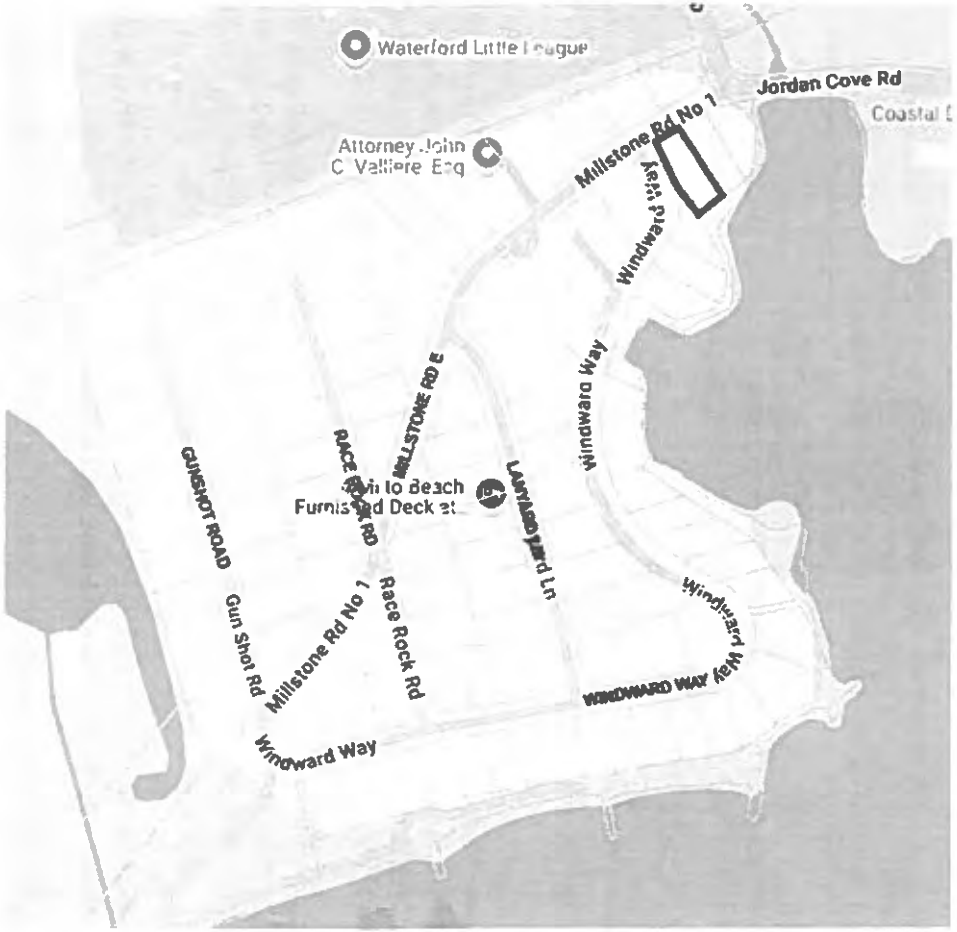
Curbing is used to define the paved section of the right of way and is a component of the formal drainage system.

Our existing roadside curbing is either asphalt or concrete. Asphalt curbing typically is addressed when the road is resurfaced. Deteriorated sections are removed in mass just before the new surface is placed and then the curbs are reinstalled. Deteriorated sections of concrete curbing should be addressed before the road is scheduled to be resurfaced. You do not want to pave a road and then cut out the section of the new pavement in the gutter to remove the old curb and install the new.

The concrete curbing in many areas has spalled to a point where the steel rebar is being exposed and is becoming a hazard to tires or the walking public. Patching the spalled concrete is not cost effective as the water and salt has already reached the untreated steel causing the bars to rust and expand causing the spalling. This will continue until there is nothing left.

The deteriorated sections would be removed and precast concrete sections would be installed. Modern concrete mixes are formulated to stand up to salt (chlorides) intrusion.

The first round of concrete curb replacement was for Sandy Hollow Drive. This was completed in 2024. The unit price for that work was $72/lf.


Waterford Little League
Jordan Cove Rd
Attorney John
C Valliere Esq
Millstone Rd No 1
Windward Way
Windward Way
MILLSTONE RD E
RACE ROCK RD
Furnished Deck at
Lanyard Ln
GUNSHOT ROAD
Gun Shot Rd
Millstone Rd No 1
Race Rock Rd
WINDWARD WAY
Windward Way
Windward Way

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Wooden Streetlight Poles	**DEPARTMENT PRIORITY** 5

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Town is responsible for poles that only hold a street light. These wooden poles are approaching the end of their service life. This project involves not only the replacement of the pole, but includes the detachment/reattachment of the light fixture to the pole. Eversource is also involved as they must disconnect and reconnect the power to the lighting circuit usually at a junction box in the ground. The project also involves the selection of the pole material, testing of the buried under circuit, replacement of underground circuits that have failed and costs to have Eversource disconnect and reconnect.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Spreadsheet by type and location

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		25,000				
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			100,000		100,000	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**25,000**	**100,000**	**0**	**100,000**	**0**

PUBLIC WORKS
WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Wooden Streetlight Poles

In several subdivisions, the electric power lines were installed underground eliminating the need for utility poles. That eliminated the ability of the Town to install streetlights on someone else's pole. To provide street lighting on these subdivisions roads, wooden poles were installed to attach the light fixture. There was no standard pole or fixture required by the Town and all were direct burial of the wooden pole into the ground. There are a total of 162 direct burial poles.

Unlike areas that have overhead wires where a utility company is responsible for the pole, the Town is responsible for these poles as they only hold the streetlight. The poles are approaching the end of their service life.

The project involves not only the replacement of the pole, but includes the detachment/reattachment of the light fixture to the pole. Eversource is also involved as they must disconnect and reconnect the power to the lighting circuit.

SINGLE STANDING WOOD STREET LAMP POSTS TOWNWIDE COUNT: SUMMARY

LAMP STYLE: LNT(LANTERN) CBH(COBRA HEAD)

ZONE I -MONDAYS ROUTE:

ROAD	QUANTITY	STYLE
TRUMBULL	1	LNT
BALDWIN	1	LNT
PERKINS FARM	2	CBH
COLONIAL	8	LNT
LAUREL CREST	3	LNT
WHALING	1	LNT
LINCOLN	3	LNT
ROBIN HILL	2	LNT
COOLIDGE	1	LNT
WALLACE	1	LNT
COUNTRY CLUB	5	LNT
WESTWOOD	5	CBH
MAYFAIR	2	CBH
PEPPERBOX	5	CBH
GOUNDRY	2	CBH

TOTAL LNT 26
TOTAL CBH - 16
TOTAL POLES - 42

ZONE II -TUESDAYS ROUTE:

ROAD	QUANTITY	STYLE
WINDY RIDGE	1	CBH
DIANE	2	CBH
ALMOND	2	CBH
DEVONSHIRE	11	CBH
YORKSHIRE	8	CBH
LANCASHIRE	2	CBH
KING FISHER	2	CBH

TOTAL LNT 0
TOTAL CBH - 28
TOTAL POLES - 28

ZONE III - WEDNESDAYS ROUTE:

ROAD	QUANTITY	STYLE
INA	2	CBH
PAULA	12	CBH
DOYLE	3	CBH
MEMORY	2	CBH
MANATUCK	1	CBH
INDIAN VALLEY	2	CBH
RAYMOND	1	CBH
SCENIC VIEW	3	CBH
MALLARD	2	CBH
PAMELA	3	CBH

TOTAL LNT 0
TOTAL CBH - 31
TOTAL POLES 31

ZONE IV - THURSDAYS ROUTE:

ROAD	QUANTITY	STYLE
EAST LAKE	1	CBH
MILTON	3	CBH
RAINBOW	2	CBH
CLARK PLACE	1	CBH
APPLEWOOD	2	CBH

TOTAL LNT 0
TOTAL CBH - 9
TOTAL POLES 9

ZONE V - FRIDAYS ROUTE:

ROAD	QUANTITY	STYLE
SOLIER	1	CBH
HICKORY	6	CBH
PADGETT	1	CBH
TWIN LAKES	13	CBH
WATERVIEW	2	CBH
POND EDGE	3	CBH
LEARY PARK	4	CBH
ROGERS HILL	4	CBH
QUINLEY	4	CBH
CONNSHIRE	4	CBH
LATIMER	1	CBH
WARWICK	1	CBH
GREENTREE	3	CBH
WHITE OAK	2	CBH
MELANIE	2	CBH
MARILYN	1	CBH

TOTAL LNT - 0
TOTAL CBH 52
TOTAL POLES - 52

TOWNWIDE SUMMARY:

TOTAL LNT 26
TOTAL CBH - 136
TOTAL POLES 162

COUNT AND SUMMARY COMPLETED ON APRIL 27, 2023
BY ERIK J KELLY.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Bridges/Culverts Under 20'	**DEPARTMENT PRIORITY** 6

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Requested for are funds to prepare a bid packages and cost estimates to address deficiencies of the thirteen bridges that are under 20 feet in length. These structures were screened by the State in 2018. Serious problems such as load restrictions and closures can be prevented by programing renovation work. Construction funds will be requested in FY 28.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	No impact to the Department's budget.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Expanded narrative, map showing locations, title page for each screening.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		25,000				
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			250,000			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**25,000**	**250,000**	**0**	**0**	**0**

PUBLIC WORKS
WATERFORD

To: File

From: Gary Schneider, Director of Public Works

Date: December 16, 2025

Re: Bridges / Culverts under 20'

The Town has 13 bridges/culverts that the State of Connecticut field screened in 2018. The State no longer provides inspections of these structures. That task falls back onto the Town. These structures are not on the National Bridge Inventory as the span is 20 feet or less, but they still carry traffic over our watercourses. As with our larger bridges, serious problems such as load restrictions and closures can be prevented by programming renovation work.

The goal is to address the issues on the bridges/culverts before the need for repair, rehabilitation is urgent, or in the worst case, the necessary to close the road until corrective action is taken.

When these structures are renovated, the Department will analyze not only the structure, but also items such as width of road at the crossing making them safe for vehicles using the structure and adding protection to the watercourse that flows through them. Such measures may include compliant guardrail systems, bank stabilization and alignment of the watercourse to the road. These projects would be consistent with Town of Waterford Hazard Mitigation Plan December 2017 and MS4 General Permit.

The renovations to the bridge/culvert locations will be addressed in future years based on the findings of the inspection report.

Inspection Type: Screening

BRIDGE NO. 152001

80280 - WATERFORD
Old Colchester Road
over
an unnamed brook

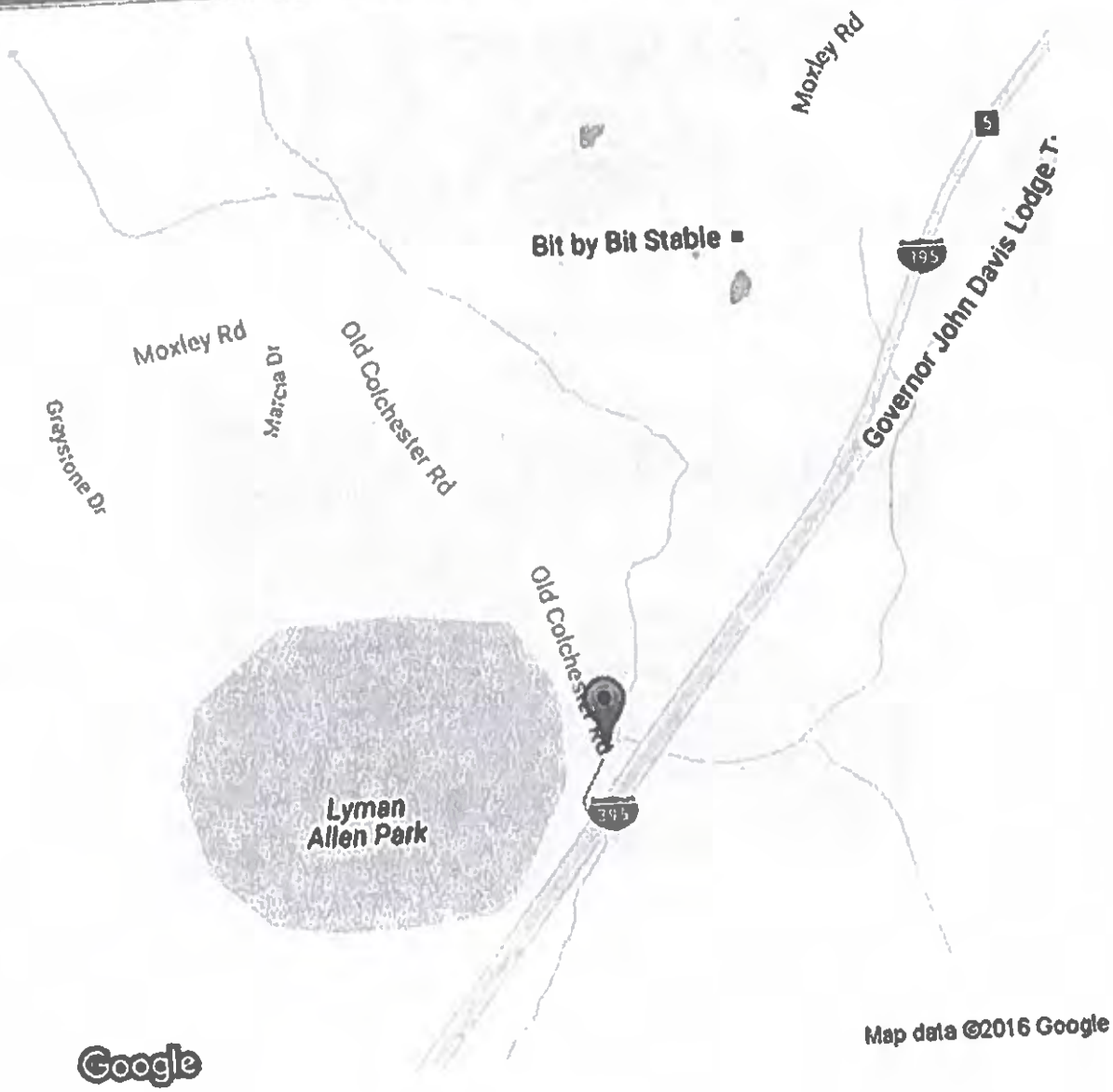
Screening Inspection
9/09/2016
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/09/2016
Inspected by: Dewberry

Bridge No: 152001

Town: WATERFORD
Carried: Old Colchester Road
Crossed: an unnamed brook
Inventory Route: 8



Location Map # 1
Bridge No. 152001
Old Colchester Road over an unnamed brook
Waterford, CT

Inspection Type: Screening

BRIDGE NO. 152002

80280 - WATERFORD

Bloomingdale Road

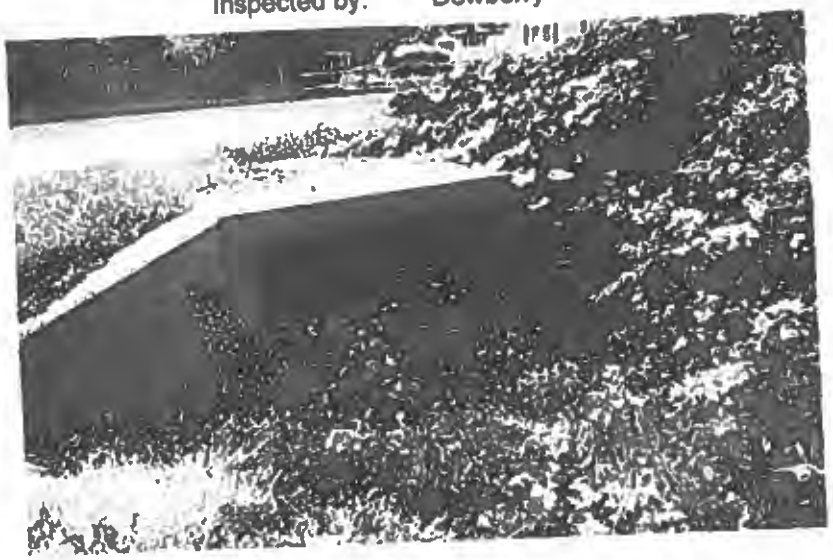
over

an unnamed brook

Screening Inspection

9/08/2016

Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/08/2016
Inspected by: Dewberry

Bridge No: 152002

Town: WATERFORD
Carried: Bloomingdale Road
Crossed: an unnamed brook
Inventory Route: 8



Location Map # 1
Bridge No. 152002
Bloomingdale Road over an unnamed brook
Waterford, CT.

Inspection Type: Screening

BRIDGE NO. 152006

80280 - WATERFORD

Oswegatchie Road

over

Stony Brook

Screening Inspection

9/07/2016

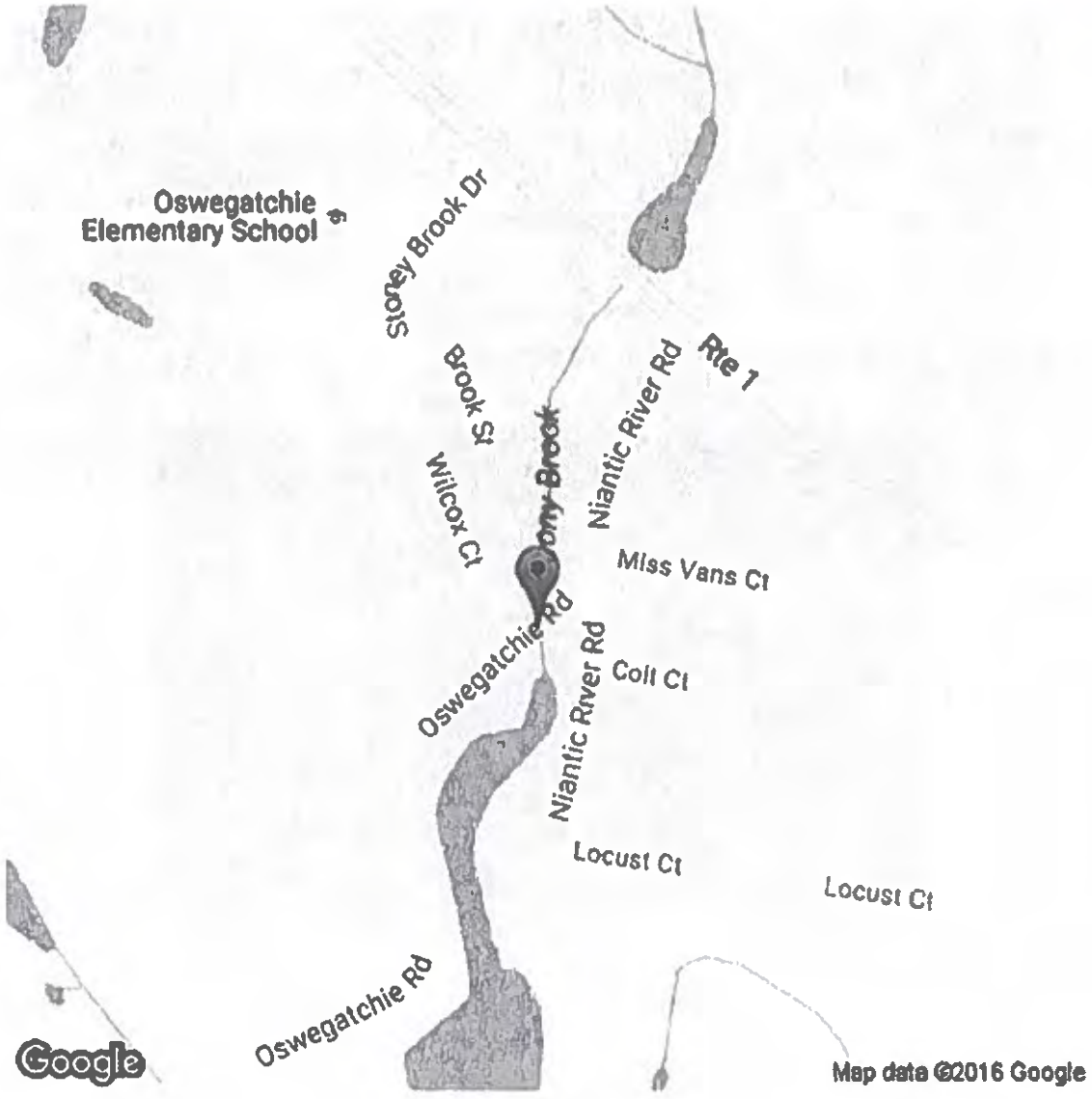
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/07/2016
Inspected by: Dewberry

Bridge No: 152006

Town: WATERFORD
Carried: Oswegatchie Road
Crossed: Stony Brook
Inventory Route: 8



Location Map # 1

Bridge No. 152006
Oswegatchie Road over Stony Brook
Waterford, CT.

Inspection Type: Screening

BRIDGE NO. 152007

80280 - WATERFORD
Fog Plain Road
over
Jorden Brook

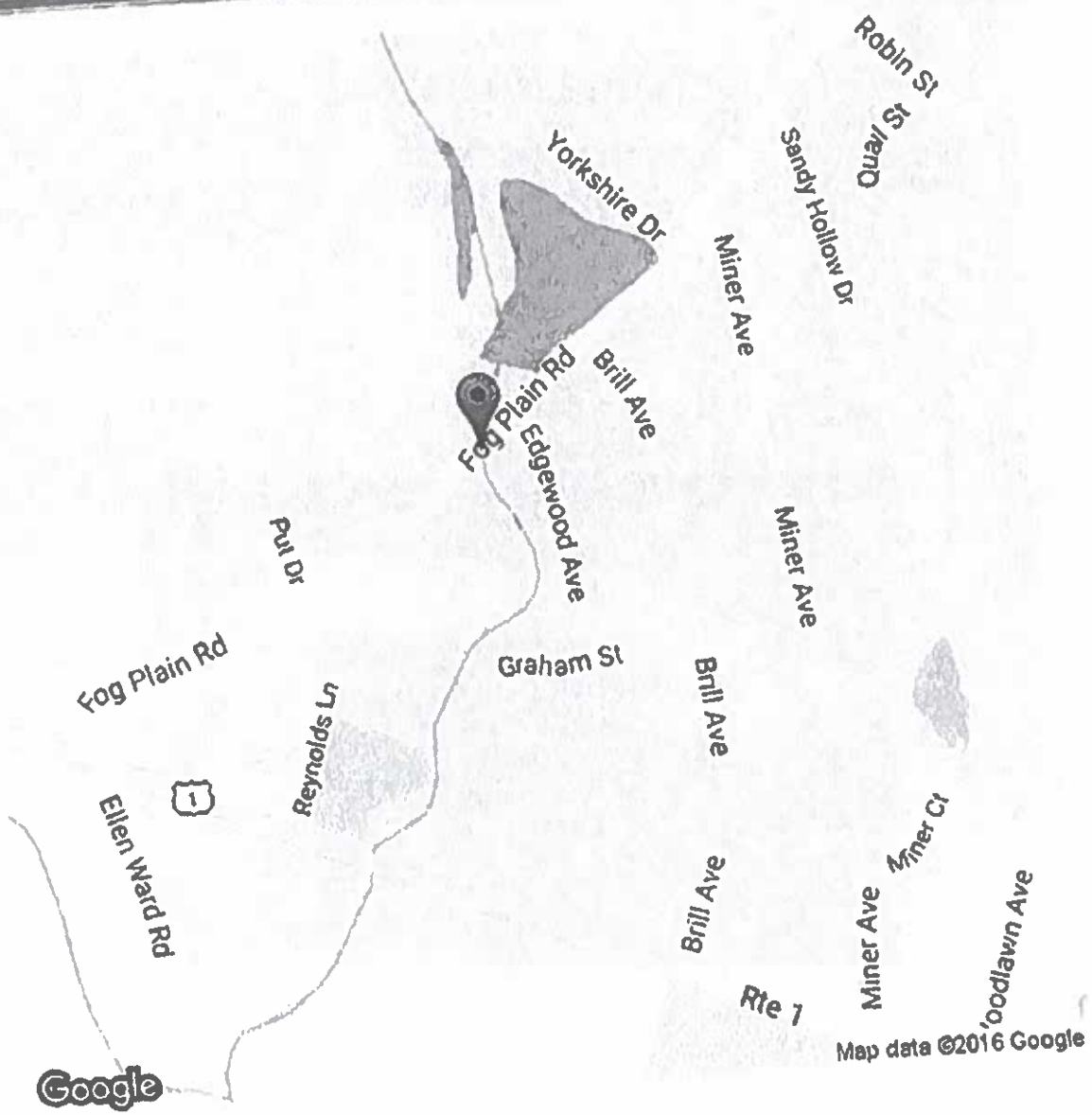
Screening Inspection
9/08/2016
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/08/2016
Inspected by: Dewberry

Bridge No: 152007

Town: WATERFORD
Carried: Fog Plain Road
Crossed: Jorden Brook
Inventory Route: 8



Location Map # 1
Bridge No. 152007
Fog Plain Road over Jordan Brook
Waterford, CT.

Inspection Type: Screening

BRIDGE NO. 152008

80280 - WATERFORD

Fog Plain Road

over

Nevins Brook

Screening Inspection

9/09/2016

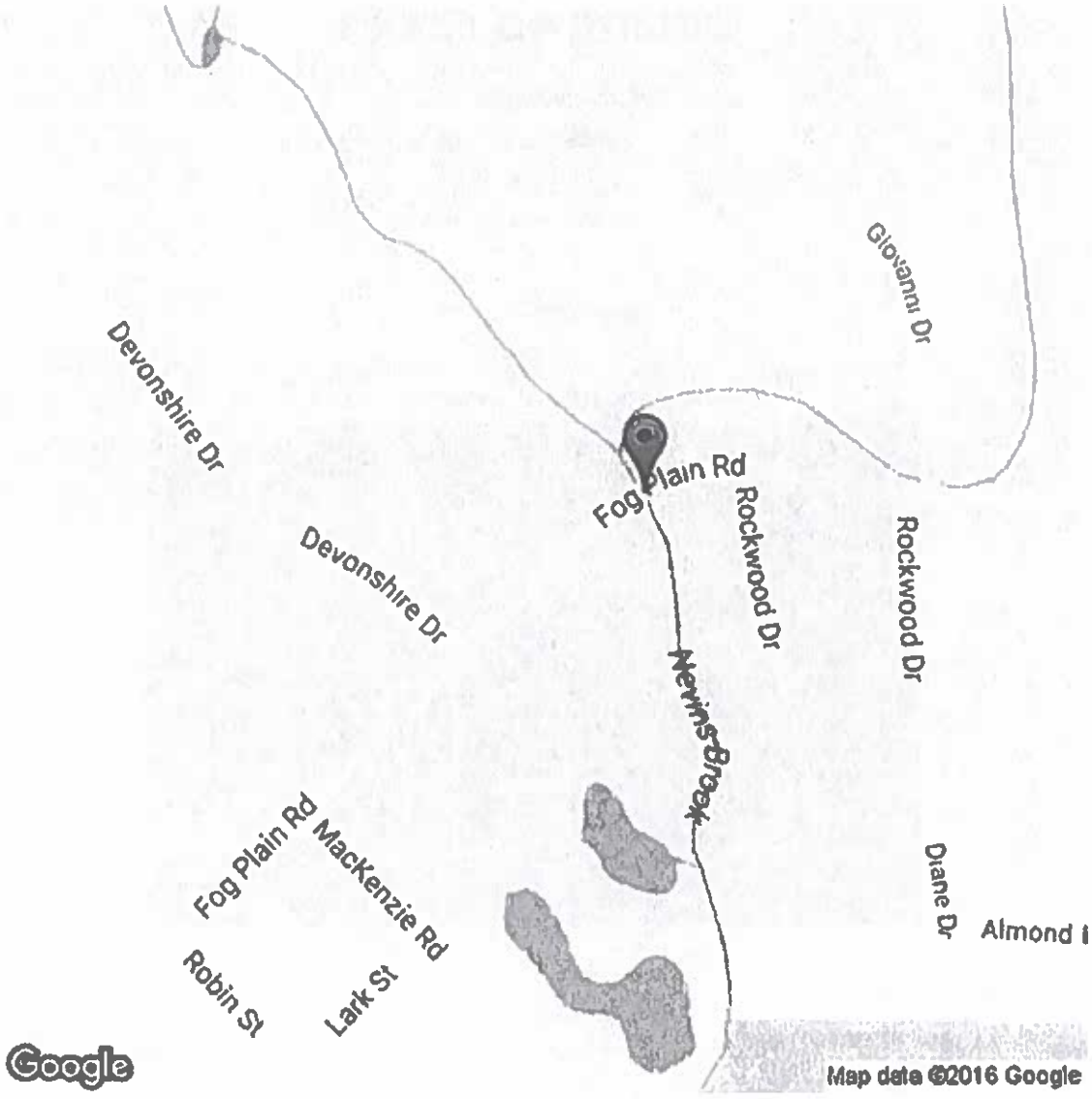
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/09/2016
Inspected by: Dewberry

Bridge No: 152008

Town: WATERFORD
Carried: Fog Plain Road
Crossed: Nevins Brook
Inventory Route: 8



Location Map # 1
Bridge No. 152008
Fog Plain Road over Nevins Brook
Waterford, CT.

Inspection Type: Screening

BRIDGE NO. 152009

80280 - WATERFORD

Ellen Ward Road

over

an unnamed brook

Screening Inspection

9/09/2016

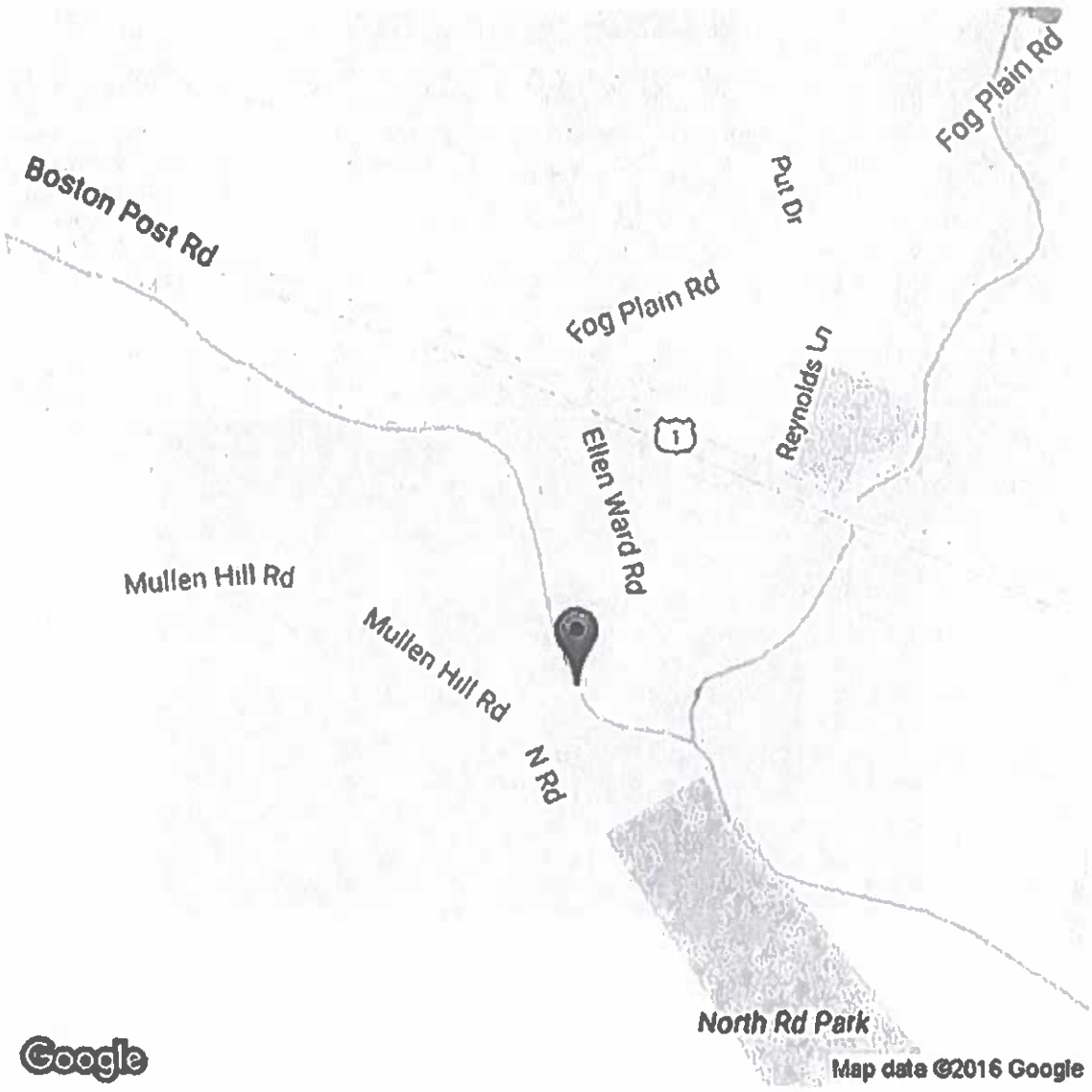
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/09/2016
Inspected by: Dewberry

Bridge No: 152009

Town: WATERFORD
Carried: Ellen Ward Road
Crossed: an unnamed brook
Inventory Route: 8



Location Map # 1

Bridge No. 152009
Ellen Ward Road over an unnamed brook
Waterford, CT

Inspection Type: Screening

BRIDGE NO. 152010

80280 - WATERFORD

Niantic River Road

over

an unnamed brook

Screening Inspection

9/07/2016

Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/07/2016
Inspected by: Dewberry

Bridge No: 152010

Town: WATERFORD
Carried: Niantic River Road
Crossed: an unnamed brook
Inventory Route: 8



Location Map # 1
Bridge No. 152010
Niantic River Road over an unnamed brook
Waterford CT.

Inspection Type: Screening

BRIDGE NO. 152011

80280 - WATERFORD

Spithead Road

over

an unnamed brook

Screening Inspection

9/07/2016

Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/07/2016
Inspected by: Dewberry

Bridge No: 152011

Town: WATERFORD
Carried: Spithead Road
Crossed: an unnamed brook
Inventory Route: 8



Location Map # 1
Bridge No. 152011
Spithead Road over an unnamed brook
Waterford, CT.

Inspection Type Screening

BRIDGE NO. 152012

80280 - WATERFORD

Longview Street

over

Brook (West)

Screening Inspection

9/07/2016

Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/07/2016
Inspected by: Dewberry

Bridge No: 152012

Town: WATERFORD
Carried: Longview Street
Crossed: Brook (West)
Inventory Route: 8



Location Map # 1

Bridge No. 152012
Longview Street over an unnamed brook
Waterford, CT.

Inspection Type: Screening

BRIDGE NO. 152013

80280 - WATERFORD

Longview Street

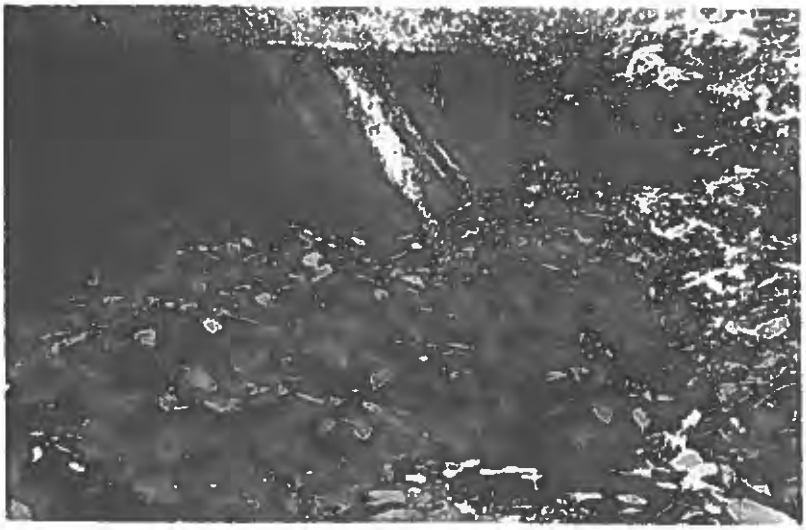
over

Brook (East)

Screening Inspection

9/08/2016

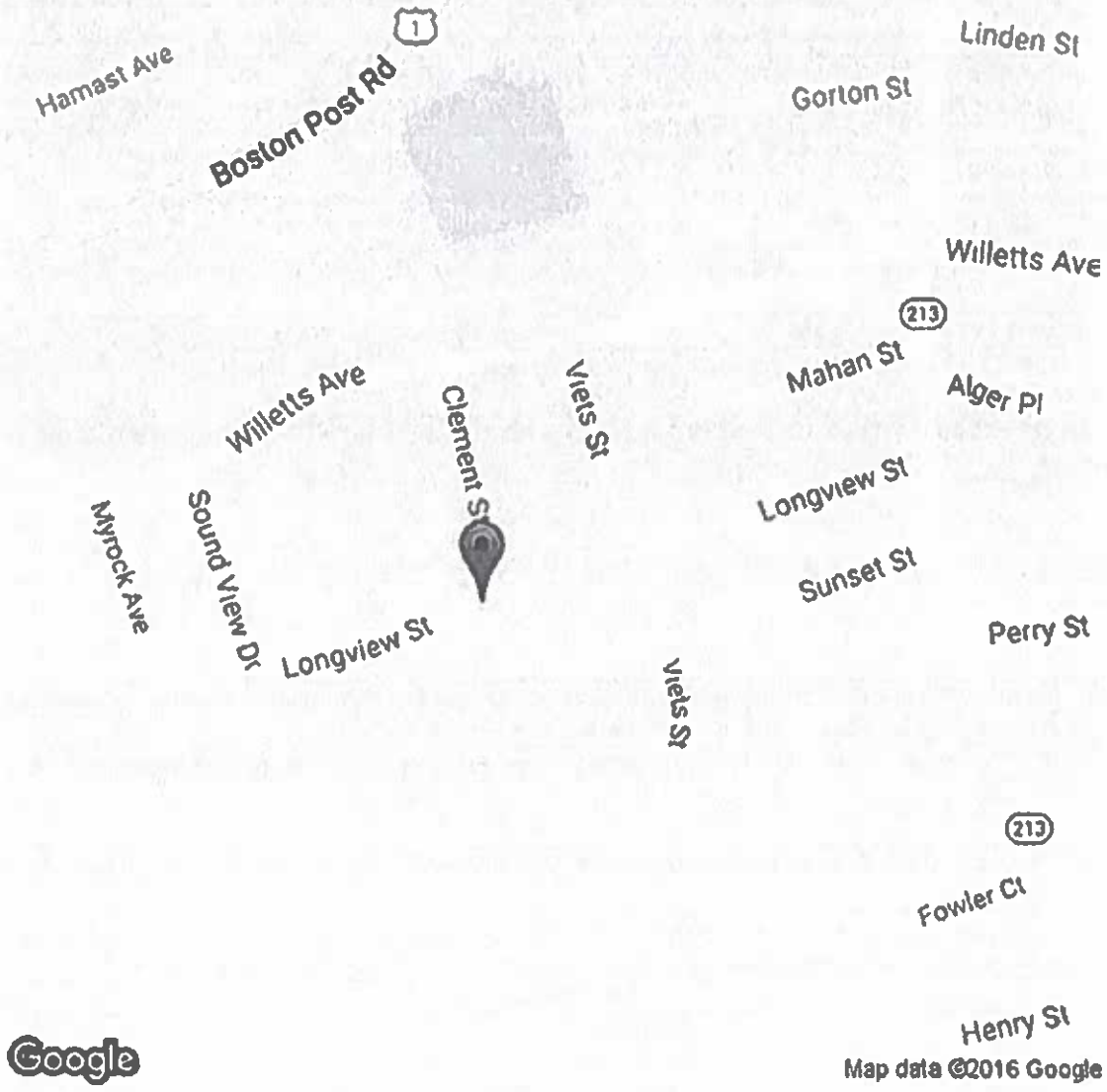
Inspected by: Dewberry



Form: Location
Inspection type: Screening
Inspection Date: 9/08/2016
Inspected by: Dewberry

Bridge No: 152013

Town: WATERFORD
Carried: Longview Street
Crossed: Brook (East)
Inventory Route: 8



Location Map # 1
Bridge No. 152013
Longveiw Street over an unnamed brook
Waterford, CT

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Risk Assessment - Roadways	**DEPARTMENT PRIORITY** 7

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

In 2017 Waterford completed a Climate Change Risk Vulnerability, Risk Assessment and Adaptation Study. Section F, Adaptation Strategies – Roadways identified 6 (four town, 2 state) areas on the "network of evacuation and emergency access routes that should be strengthened to improve the Town's resilience to flooding".

- Oswegatchie Road
  - o Near Point Comfort Road, raise roadway
  - o Reinforce Roadway Embankments at Keeny Cove
- Niantic River Road – Reinforce Roadway Embankments
- Gardiners Wood Road - Elevate /redesign (Separate CIP project)
- Old Norwich Road – Elevate roadway near Old Colchester Road

Funding will involve the services of a consulting engineer to identify and recommend options to address the issues identified in the report.

2 PROJECT STATUS IF IN PROGRESS

2017 Waterford completed a Climate Change Risk Vulnerability, Risk Assessment and Adaptation Study by Kleinfelder Northeast, Inc.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

In FY 26, $50,000 was funded in CNR to prepare the cost estimates. Grants may be available for a portion of these projects.

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that In the area below)

See attached expanded narrative and excerpts from the Climate Change Risk Vulnerability. Risk Assessment and Adaption Study, as well as a memo prepared by the Town's Environmental Planner Maureen Fitzgerald.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	50,000		600,000		400,000	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**50,000**	**0**	**600,000**	**0**	**400,000**	**0**

PUBLIC WORKS
WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Risk Assessment – Roadways

In 2017, Waterford completed a Climate Change Risk Vulnerability, Risk Assessment and Adaptation Study. Section F, Adaptation Strategies – Roadways, identified six (four town, 2 state) areas on the "network of evacuation and emergency access routes that should be strengthened to improve the Town's resilience to flooding".

Those four locations are:

- Oswegatchie Road
  - Near Point Comfort Road, raise roadway
  - Reinforce Roadway Embankments at Keeney Cove
- Niantic River Road – Reinforce Roadway Embankments
- Gardiners Wood Road - Elevate /redesign
- Old Norwich Road – Elevate roadway near Old Colchester Road (Note, this section of the road flooded due the 5-8 inches of rain from IDA.)

The 2017 study estimated the costs for both sites in the Oswegatchie Road area at $1.2 million excluding design and easements costs. Niantic River Road has been estimated at $315,000 again excluding design and easement costs.

FY26 provided funding to hire a consulting engineer to evaluate the issues concerning the extent of coastal embankment and shoreline erosion along portions of Niantic River Road (between Daniels Ave and 5th Ave) and at Grimsey Beach, (near Point Comfort Road) on Oswegatchie Road. It is proposed that FY28 would fund design and construction costs of the two areas.

CIP REQUEST

Survey & Engineering Services to Evaluate Alternatives for Shoreline & Embankment Stabilization Along the Niantic River

Locations: Niantic River Road Shoreline: Daniels to 4th Avenue and Grimsey Beach: 47 Oswegatchie Road

Purpose: To evaluate the degree and extent of coastal embankment and shoreline erosion along portions of the Niantic River between Daniels Avenue and 4th Avenue and the shoreline at Grimsey Beach where municipal infrastructure including roadway, utilities and public beachfront lie close to eroding shorelines. The evaluation will include a detailed survey of existing conditions and engineered alternatives and associated cost estimates for reinforcing shorelines and embankments and incorporate living shoreline elements that promote establishment of tidal wetlands to absorb wave energy and reduce erosive forces.

The Town completed a Climate Change Risk Vulnerability, Risk Assessment and Adaptation Study in 2015 identified these areas as vulnerable to coastal flooding and erosion. Adaptation strategies identified for Niantic River Road include reinforcement of roadway embankments to prevent erosion of the roadway embankment during major storms.

A report was submitted by the Waterford Flood & Erosion Control Board dated December 1, 2021 documenting concerns of embankment erosion along Niantic River Road in the vicinity of 3rd an 4th Avenues and recommending a survey of the area and solutions to prevent damage to the roadway.

Adaptation strategies for Oswegatchie Road near Grimsey Beach, south of Point Comfort Road, include raising portions of the roadway or reinforcing roadway embankments. (Refer to report excerpts attached). The Grimsey Beach shoreline is a good location to implement living shoreline features to restore and enhance natural coastal vegetation, attenuate wave energy and currents, and reduce soil erosion as well as reinforcing the stone block retaining wall that supports the access drive.

Scope of Work:

1) Survey of coastal area features, tidal wetlands, submerged aquatic vegetation, existing shoreline structure locations and elevations, topography, CTDEEP Coastal Jurisdiction Line, and identification of eroding areas. Survey mapping should be consistent with necessary documentation and mapping for State of CT DEEP permitting requirements.

2) Engineered assessment of coastal dynamic wave forces and storm–induced waves affecting the stability of the coastal shoreline embankments and rates of erosion.

3) Design alternatives for reinforcing eroding shoreline areas and supporting municipal infrastructure, including evaulation of implementing living shoreline features to attenuate wave energy and enhance/restore coastal riparian habitats.

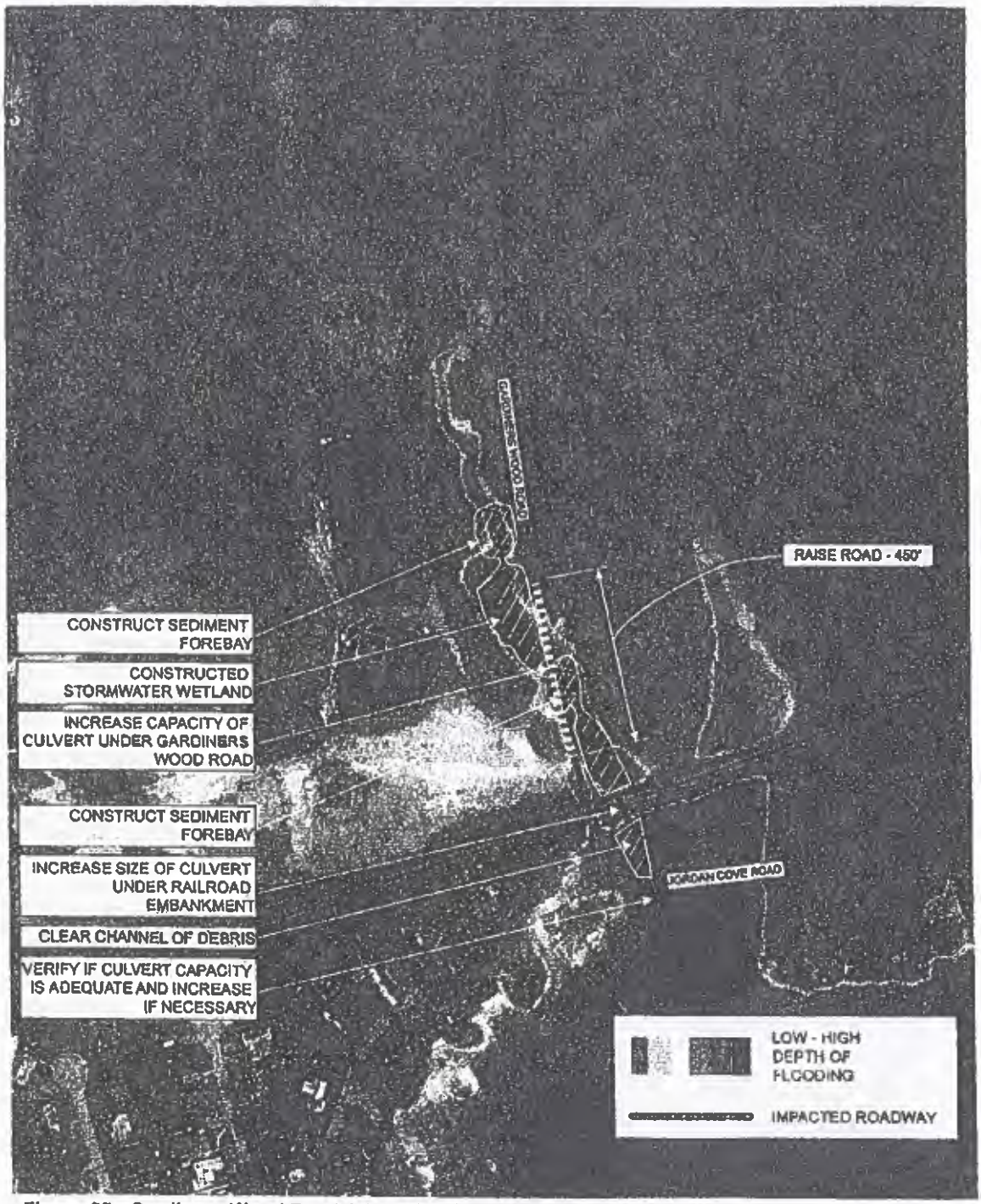


Figure 28 - Gardiners Wood Road Adaptation Strategy No. 1 - 2070, 100-Year Coastal Flood Scenario

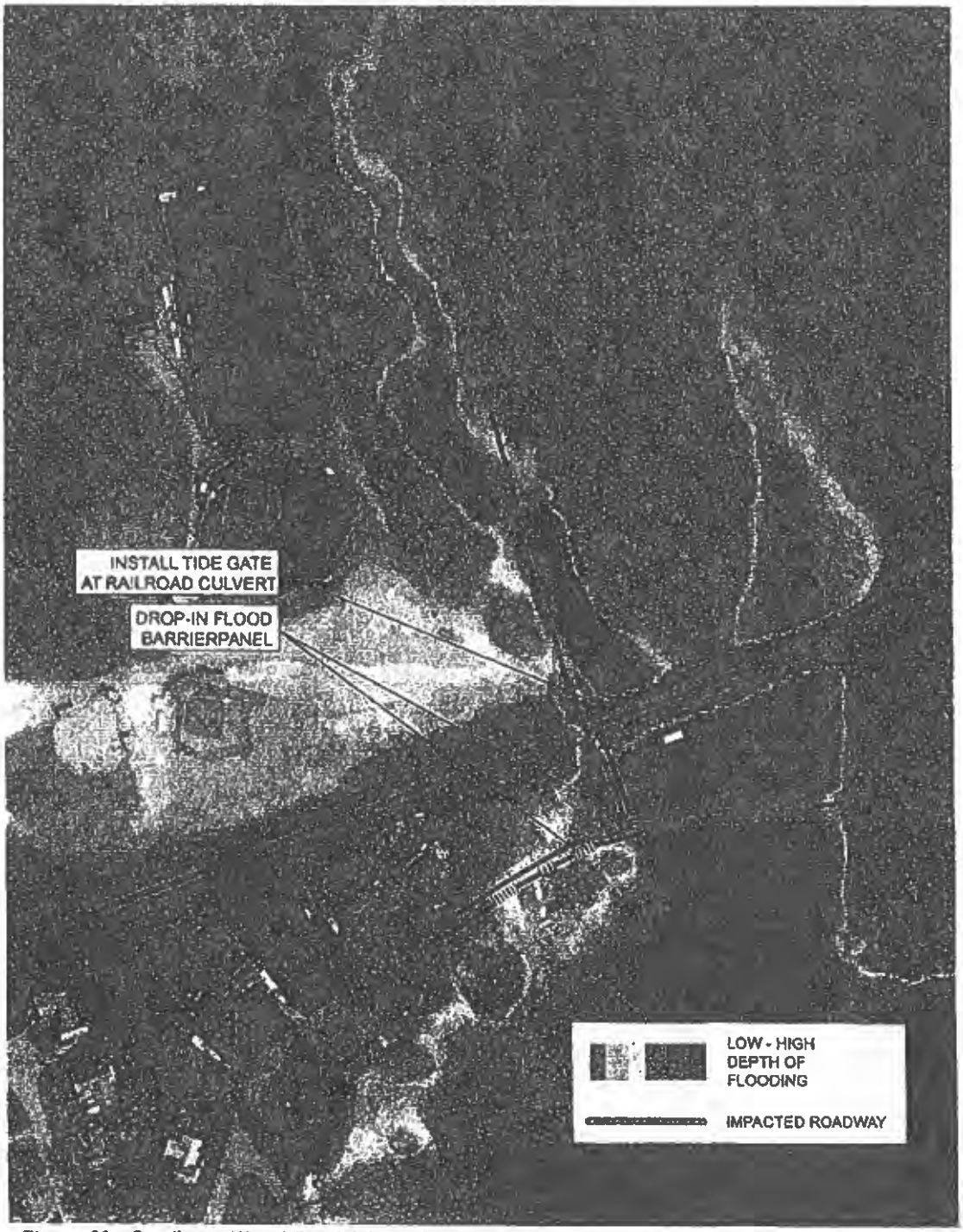


Figure 29 - Gardiners Wood Road Adaptation Strategy No. 2 - 2070, 100-Year Coastal Flood Scenario

Adaptation Strategy – Rope Ferry Road / Avery Lane / Great Neck Road

The intersection of Rope Ferry Road, Avery Lane and Great Neck Road currently floods from riverine flooding during 100-year storms in the present, 2030 and 2070 timeframes. This is an important intersection in Waterford, and ideally should be protected from flooding. This will help to minimize damage to the roadway infrastructure, including underground and overhead utilities. The proposed strategy described below, will offer protection for a 100-year riverine flood in 2070.

Adaptation Strategy – Raise Elevation of Intersection - Estimated Range of Construction Costs: $2,079,000 - $3,466,000

As illustrated in Figure 31, this strategy proposes to raise the elevation of the intersection a maximum of 4.50 feet to a Design Flood Elevation of 16.50 corresponding to the 2070 (riverine) flood elevation with no additional freeboard. The proposed lengths of road modification are estimated to be as follows:

- Rope Ferry Road: 990 feet
- Avery Lane: 420 feet
- Great Neck Road: 320 feet

Please note that these lengths of road are estimates suitable for long-term planning purposes based on engineering judgement. No roadway geometry, engineering, traffic or environmental studies or utility investigations were conducted as part of this project to determine actual geometry and code-related issues that will affect the length of work and associated costs.

A number of driveways serving adjacent properties would also need to be adjusted to accommodate the raised roadway.

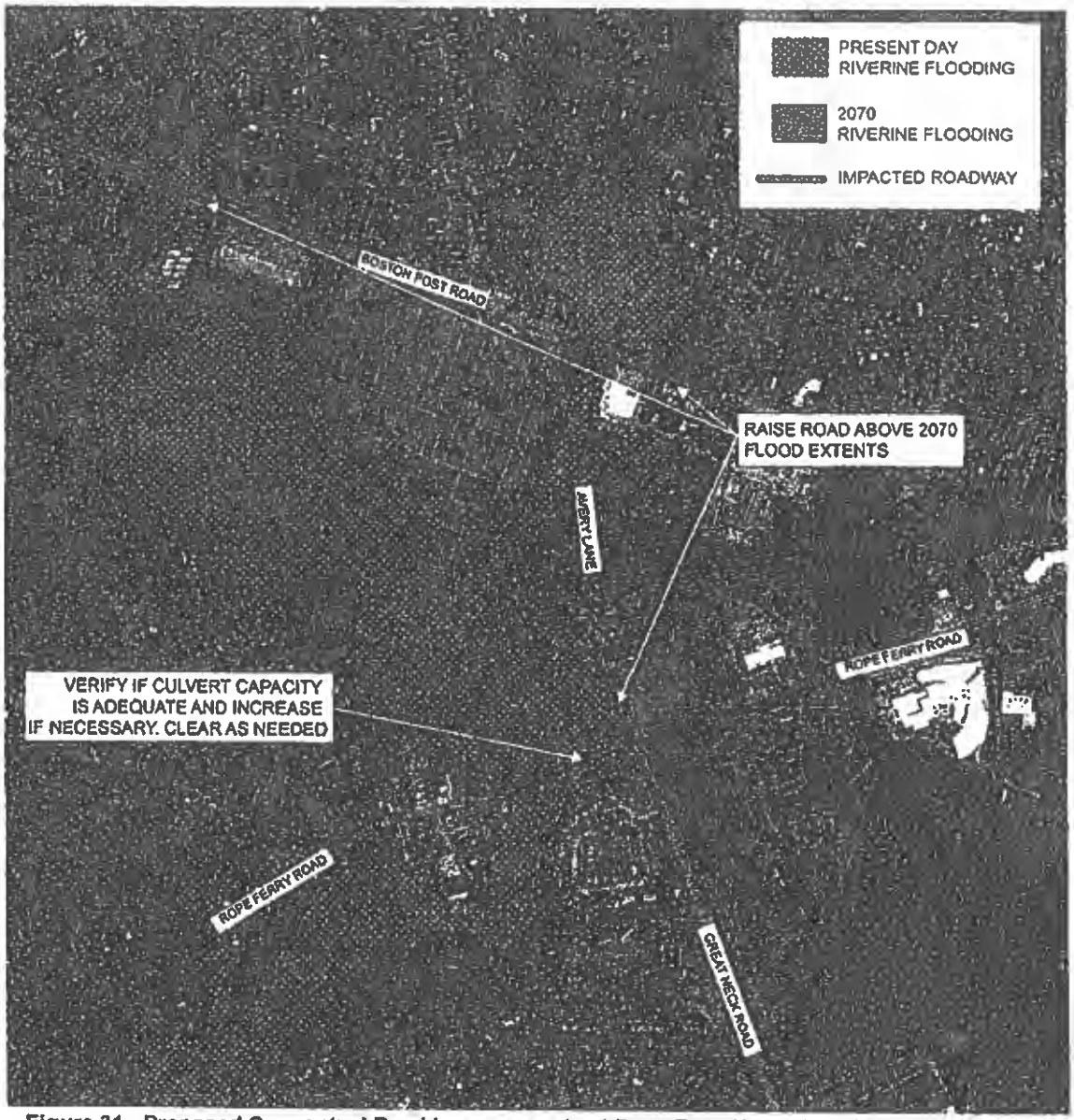


Figure 31 - Proposed Conceptual Road Improvements at Rope Ferry/Avery Lane/Great Neck Road – 2070, 100-Year Riverine Flood Scenario Shown

Table 7 - Recommended Wastewater Manholes to be Waterproofed

Sewer Drainage Area	No. of Manholes Between Current 100-Year and 500-Year FEMA Floodplains
Gardiners Wood Road	15
Quaker Hill	5
Seaside	14
Shore Road	8
Stony Brook	5
Bolles Court	1
Dock Road	19
East Neck Road	14
Total	229

LEGEND

	High Priority
	Medium Priority
	Lower Priority
	Low Priority



Figure 32 - Examples of Potential Rescue Vehicles

Adaptation Strategy – Waterproofing Wastewater Manholes

The Town of Waterford has already waterproofed all wastewater manholes located within the current FEMA 100-year mapped floodplain. The purpose for waterproofing the wastewater manholes is to prevent surcharging and flooding wastewater pump stations from floodwater entering leaking manholes. However, based on the flood mapping generated by this project, the floodplain will likely expand beyond the current FEMA 100-year floodplain in the future.

As discussed with the Working Group, we recommend that wastewater manholes located within the current FEMA 500-year floodplain be waterproofed with gasketed, bolted-down manhole covers with sealed rims to help minimize infiltration of flood water into the wastewater pump stations during a major flood.

Using the GIS layer of manhole locations provide by Town staff, we estimate that there are 229 manholes in the zone between the 100-year and 500-year flood plains that should be waterproofed. Table 7 shows the distribution of these manholes by pump station area, and Figure 33 shows the distribution graphically. At an estimated cost of $2,500 per manhole, the estimated cost to waterproof 229 manholes is approximately $573,000. We recommend prioritizing the waterproofing of wastewater manholes based on the same risk-prioritization of the pump stations to which the manholes drain to.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Minor Road Reconstruction -Vivian,Norman,Vauxhall	**DEPARTMENT PRIORITY** 8

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project supports surface transportation projects which encompass roads, street accessories, sidewalks, and bridges. The objective is to provide safe, attractive, and efficient public transportation ways and infrastructure systems that support them The minor reconstruction for Vivian Street and a portion of Norman Street would involve the removal of the asphalt sidewalk, driveway aprons and road regrading and compaction, resurfacing of the road, installation of asphalt curbs, driveway aprons, resetting of manholes and catch basins. Vauxhall Street from the Montville Town line south to the intesection of Hunts Brook Road was never reconstructed. The section from the transmission lines to the Montville line is a narrow road with numerous rock formations next to the travel lanes. It is anticipated that there is ledge under the existing pavement that would need to be removed before resurfacing can take place. Drainage systems are mostly open ditches along the sides of the road.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)**
	Minor impact. Current practice is just to make the road condition safe. Minor savings in pothole patching materials
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	GFB 2026 $50,000 for Vauxhall
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**
	Attached expanded narrative memorandum. Probable Cost Estimate for Vivian/Norman, Lenard Engineering November 3, 2021. BLS Inflation Calulator.

7 **COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			1,000,000			600,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)	50,000					
	TOTALS	**50,000**	**0**	**1,000,000**	**0**	**0**	**600,000**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Minor Road Replacement (Vivian, Norman, Vauxhall)

A minor reconstruction could involve the removal of rock and trees, guardrail installation, the widening of the road in various locations to meet a 24-foot minimum width and the re-grading of side slopes before resurfacing can take place. It could also involve off street parking pads, sidewalks that abut the curbing and driveway aprons that are integral to the walks. Projects of this type require engineering support to prepare a plan, cost estimates and bid packages for construction.

Vivian Street and a portion of Norman Street are unique to the Town in that:

- Asphalt sidewalks are next to the asphalt curbing
- Small residential lots resulting in a large amount of driveway aprons to address
- Off street parking areas that are not driveways, but abut the sidewalks.

To resurface these two roads, the entire right of way must be addressed. Asphalt sidewalks, curbing and roads would be reclaimed and regraded to provide proper drainage. Driveway aprons need to be matched to existing driveways and utility manholes adjusted. It follows "once in, all done" goal of the Department. Plans and cost estimates have been prepared. Once funding for construction is authorized, this project can be placed out to bid.

Vauxhall Street from the Montville Town line south to the intersection of Hunts Brook Road was never reconstructed. The section from the transmission line north is currently in a deteriorated state. It is a narrow road with numerous rock formations next to the travel lanes. It is anticipated that there is ledge under the existing pavement that would need to be removed before resurfacing can take place. Drainage systems are mostly open ditches along the edges of the road.

The Vivian and Norman Streets currently have a design at 90% complete. Funds to start the design for Vauxhall Street were authorized in the FY26 budget.

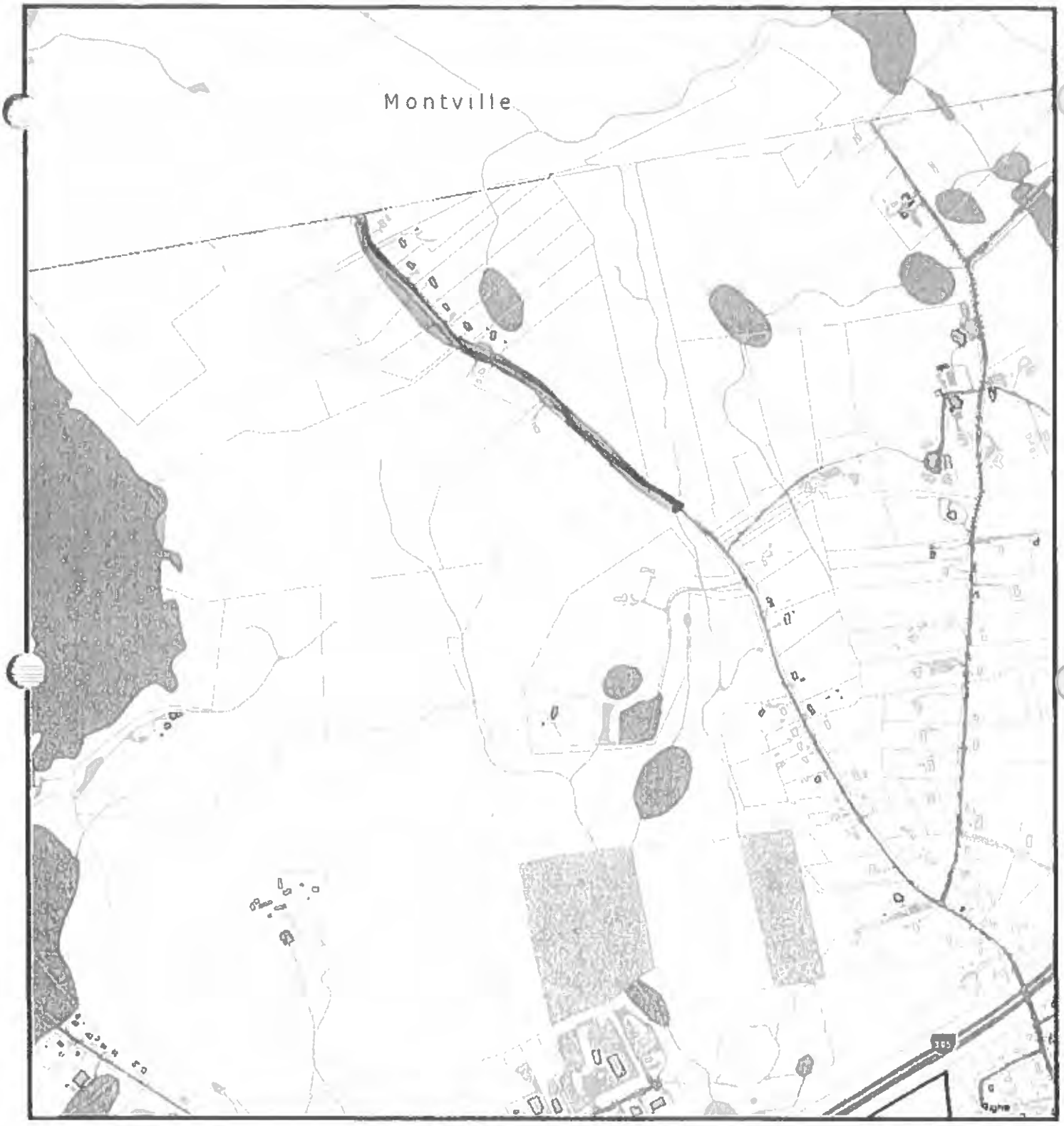
Lenard Engineering, Inc.
2210 Main Street
Glastonbury, CT 06033-6088

OPINION OF PROBABLE COST
Norman St. and Vivian St.
Roadway and Sidewalk Improvments
Waterford, CT

Estimate 11/3/21
LEI Job No. 21-366
Prepared By: JED

Total	Item	Estimated Quantity and Unit Measure	Estimated Unit Price	Extended Price
	Mobilization and Project Closeout	1 LS	$70,000.00	$70,000.00
	Catch Basin Protection	1 LS	$10,000.00	$10,000.00
	Maintenance & Protection of Traffic	1 LS	$35,000.00	$35,000.00
	Trafficperson	500 HR	$37.00	$18,500.00
	Removal of Bituminous Concrete Curbing	4690 LF	$4.40	$20,636.00
	Removal of Bituminous Concrete Sidewalk	825 SY	$32.20	$26,565.00
	Paving HMA S0.375	1180 TONS	$140.00	$165,200.00
	Paving HMA S0.5	1180 TONS	$120.00	$141,600.00
	Full Depth Road Reclamation	8100 SY	$4.50	$36,450.00
	Bituminous Sidewalk	1300 SY	$60.00	$78,000.00
	Bituminous Concrete Driveway	4310 SF	$18.60	$80,166.00
	Concrete Sidewalk Ramp	850 SF	$22.80	$19,380.00
	Detectable Warning Pad	10 EA.	$247.00	$2,470.00
	Saw Cutting	1300 LF	$5.40	$7,020.00
	Bituminous Concrete Curbing	4470 LF	$7.40	$33,078.00
	Demolition - Catch Basin	2 EA.	$750.00	$1,500.00
	Install Type "C" Catch Basin	2 EA.	$3,400.00	$6,800.00
	Adjust CB Top	9 EA.	$500.00	$4,500.00
	Replace CB top w/MH Top	1 EA.	$1,000.00	$1,000.00
	Grass Surface Restoration	1500 SY	$9.00	$13,500.00
	Sub-Total - Items 1-40			**$771,365.00**
	Rock-in-Trench Excavation, if encountered	CY	$200.00	$0.00
	Remove unsuitable soil, replace with gravel fill (if encountered)	CY	$25.00	$0.00
	Estimated Construction Cost			**$771,365.00**
	10% Contingency			**$77,137.00**
	Estimated Construction Cost w/Contingency			**$848,502.00**

Say $850,000.00

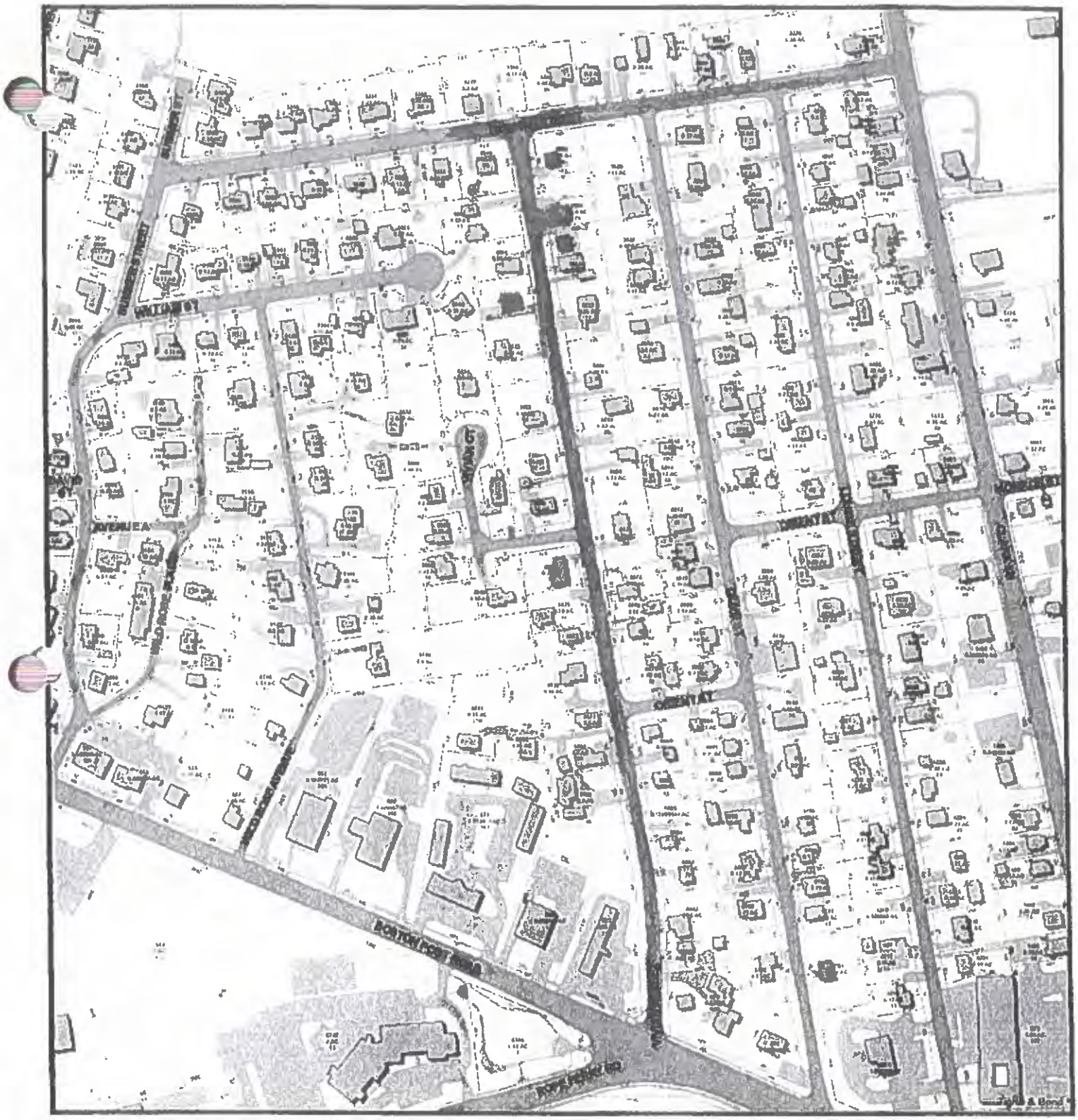


10/25/2021 1:57:10 PM

Scale: 1"=1000'

Scale is approximate

The information depicted on th s map is for planning purposes only It is not adequate for legal boundary definition, regulatory interpretation, or parcel level analyses.



12/1/2022 11:07:55 AM

Scale. 1"=250'

Scale is approximate

The information depicted on this map is for planning purposes only. It is not adequate for legal boundary definition, regulatory interpretation, or parcel-level analyses.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Transfer Station	**DEPARTMENT PRIORITY** 9

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The area of the Municpal Complex that contains the Transfer Station was built in the early 2000's. It not only handles bukly waste from residents and small bussinees, but also handles special waste and recyclables collected from the curbside. Volumes have exploded and the area has not been upgraded to handle the increase. The asphlat surface areas are nearing the end of their service life.

2 PROJECT STATUS IF IN PROGRESS

None

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

None

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

The movement of waste collected is inefficient and hasn't changed in 20 years. As volumes increase, the cost to operations will increase, not only in manpower, but wear and tear on the vehicles.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

None

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that In the area below)

Google Earth image of the Transfer Station

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			100,000			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**100,000**	**0**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Transfer Station

This project will address areas that support the Transfer Station operations at the Municipal Complex. The Transfer Station was constructed in 2000.

The Transfer Station consists of the following components:

- Scale (replaced in FY 23) and office for the attendant
- Drop off area for residents and small commercial accounts
- Recycling area (motor oil, bulbs, appliances, tires, mattresses)
- Operations area for curbside collection (recyclables transfer area)

An office trailer is used as a scale house and inspection point for incoming vehicles. This trailer was purchased for use at the Miner Lane Temporary Transfer Station site, when the Town was preparing to close the landfill. It was then moved to its current location after the Miner Lane closed. Trailers of this type have a life of 10 -15 years. The trailer includes toilet facilities, lightning protection and secured to handle cash. Cost estimates to replace the trailer were in the neighborhood of $200,000.

The curbside recyclable transfer area was built in the early 2000's. Recyclable volumes have exploded and the area has not been upgraded to handle the increase in volume. The compactor unit is rented and will be replaced this year. Without this unit, the collection vehicles must make the trip to Willimantic to discharge their loads. The trailer that the compactor packs into will hold four collection vehicles loads.

Brush and yard debris is another commodity that has increased and is still handled by using small public works vehicles to transfer brush to the processing area at the closed landfill. Leaves are transferred to Scotts in Franklin.

The asphalt areas are nearing the end of their service life. It would be advantageous to have covered storage areas for additional recyclable items.


85
Public Works Department
1000 Hartford Turnpike
Waterford Public Works Department
Waterford Transfer Station
Waterford Transfer Station

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME MS4 Drainage Renovations	**DEPARTMENT PRIORITY** 10

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project funds the local drainage system improvements consisting of 1) correcting deteroiated piping by replacing pipes or slip lining, 2) eliminate impervious surfaces by using road diet methods and 3) purchase of land or easements for retention/detention basins. Very little of our existing drainage system has been designed or retrofitted to the current best management practices.
2	**PROJECT STATUS IF IN PROGRESS**
	Stormwater Management Plan is being completed by Barton & Loguidice. Since 2017, the Department has been funding the reporting, inspection and testing requirements of the permit in the Department's operation budget. This project would fund the infrastructure portion of the work.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	None
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			75,000	75,000	75,000	75,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**75,000**	**75,000**	**75,000**	**75,000**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	MS4 Drainage Renovations

The Clean Water Act in the 1980's and 90's focused on wastewater being discharged in the receiving waters. That program was highly successful with Federal funding level in the neighborhood 80-90% of the construction costs. The focus has now moved to addressing the discharge of stormwater into the receiving waters. There is very little federal or state funding for these type of projects, leaving the burden to fall local communities to fund these projects.

Mandated by the State of Connecticut Department of Energy and Environmental Protection's Small Municipal Separate Storm Sewer Systems (MS4s) General Permit, the Town must develop, implement and enforce best management practices for six control measures. While some of these are administrative in nature and that cost can be programmed in the annual operating budget, several control measures will require modifications to the drainage system and the impervious (asphalt, concrete) areas that drain into the system.

Drainage systems are installed to control flooding, prevent erosion, improve water quality, and protect public and private property from damage. New systems are designed to include best management practices to treat the stormwater before being discharged into the receiving waters. Very little of our existing drainage system has been designed or retrofitted to the current best management practices.

This project funds the local drainage system improvements consisting by 1) retrofitting existing structures and pipes, 2) modifications to eliminate impervious surfaces and 3) purchase of land or easements. Operations budgets will still fund items such as testing, reporting, general maintenance of the system and training in order to keep us in compliance.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Public Works	**CONTACT PERSON** Gary J. Schneider
PROJECT NAME Realignment of Major Intersections	**DEPARTMENT PRIORITY** 11

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This project supports surface transportation projects which encompass roads, street accessories, sidewalks, and bridges. The objective is to provide safe, attractive, and efficient public transportation ways and infrastructure systems that support them. Our road network have several intersections of our collector streets with state roads that have less then efficient geometrics. Cross Road at Route 1; Lake Ponds Road at Route 85; Wayhill Road at Route 85, Braman at Route 213 and Fog Plain Road at Route 1 alignments or sight lines don't meet current design standards. Realignment of the intersection may involve turn lanes, sight line improvements and the acquisition of additional right of way. This project will provide reduced traffic wait times, reductions in accidents and would address pedestrian access.
2	**PROJECT STATUS IF IN PROGRESS**
	None
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	None
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	None
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**
	Expanded narrative. Maps of intersections

7 **COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR				55,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**0**	**55,000**	**0**	**0**

PUBLIC WORKS WATERFORD

To:	File
From:	Gary Schneider, Director of Public Works
Date:	December 16, 2025
Re:	Realignment of Major Intersections

This capital project supports surface transportation projects which encompass roads, street accessories, sidewalks, and bridges. The objective is to provide safe, attractive, and efficient public transportation ways and infrastructure systems that support them.

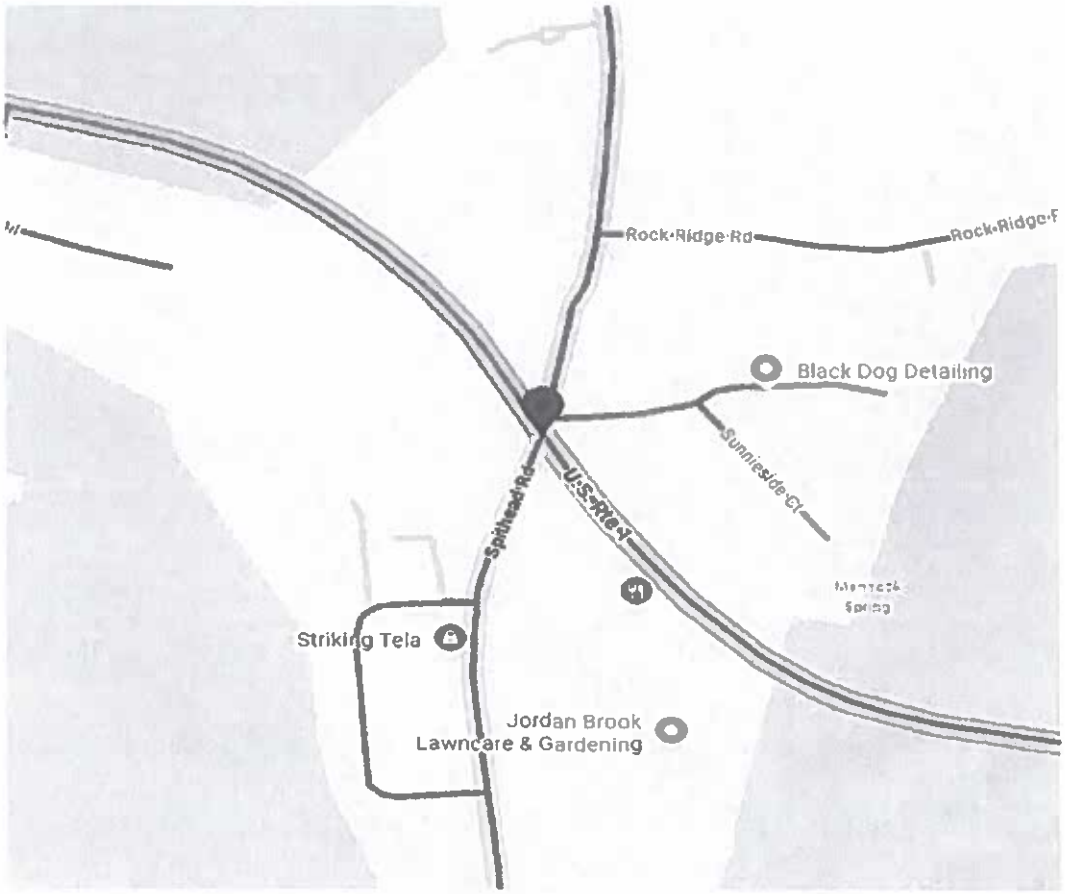
Our road network has numerous intersections of our collector streets with State roads. Of the several, three have less then efficient geometrics.

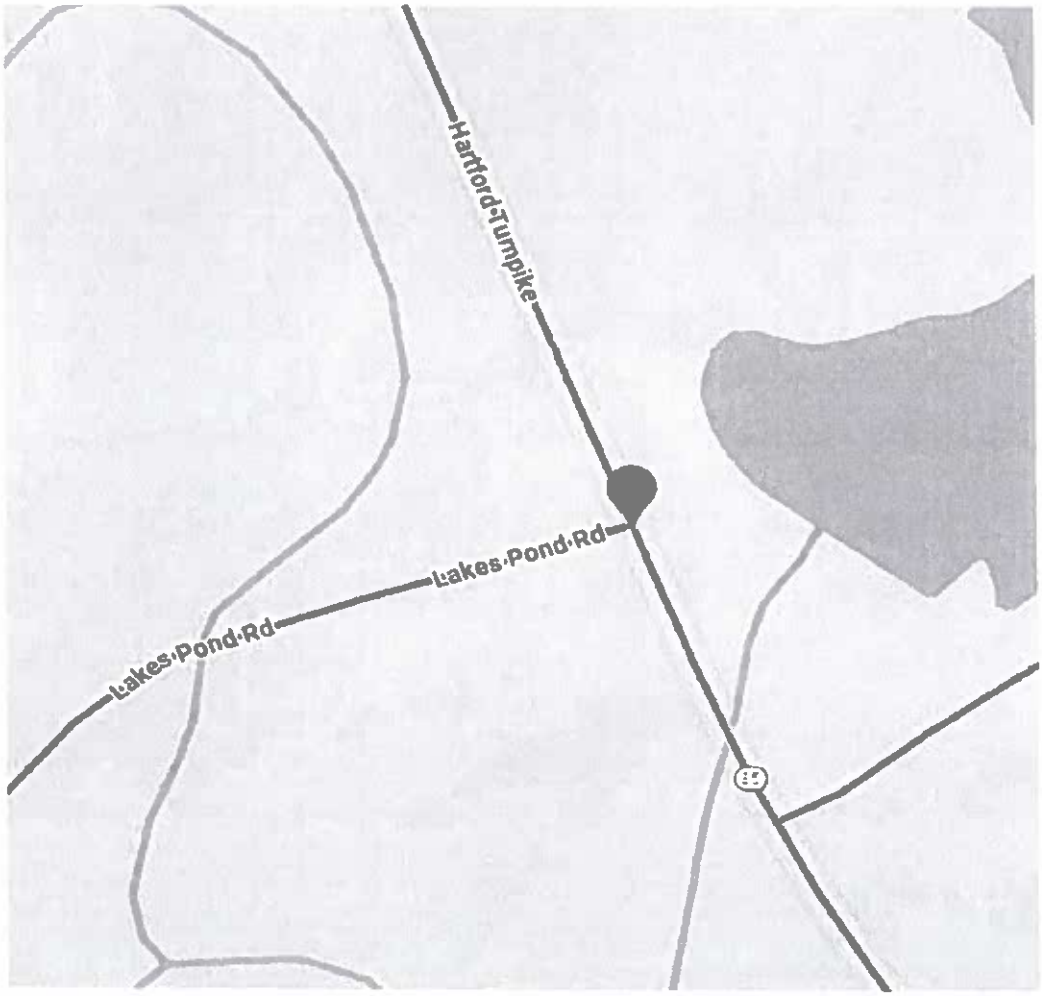
- Cross Road at Route 1 has a 5-leg intersection with narrow right of way and restrictive turn radius for each leg. At times during the summer, Cross Road has traffic backed up for over 1/3 of a mile. It is one of our major routes to south from the I-95 exit.
- Lamphere/Braman at Route 213 miss aligned and sightline deficiencies.
- Fog Plain Road at Route 1 has alignment and sightline deficiencies.
- Wayhill Road at Route 85 has alignment and sightline deficiencies.
- Lakes Pond Road has sightline deficiencies.

Not all meet current design standards. Realignment of the each intersection may involve turn lanes, sight line improvements and the acquisition of additional right of way.

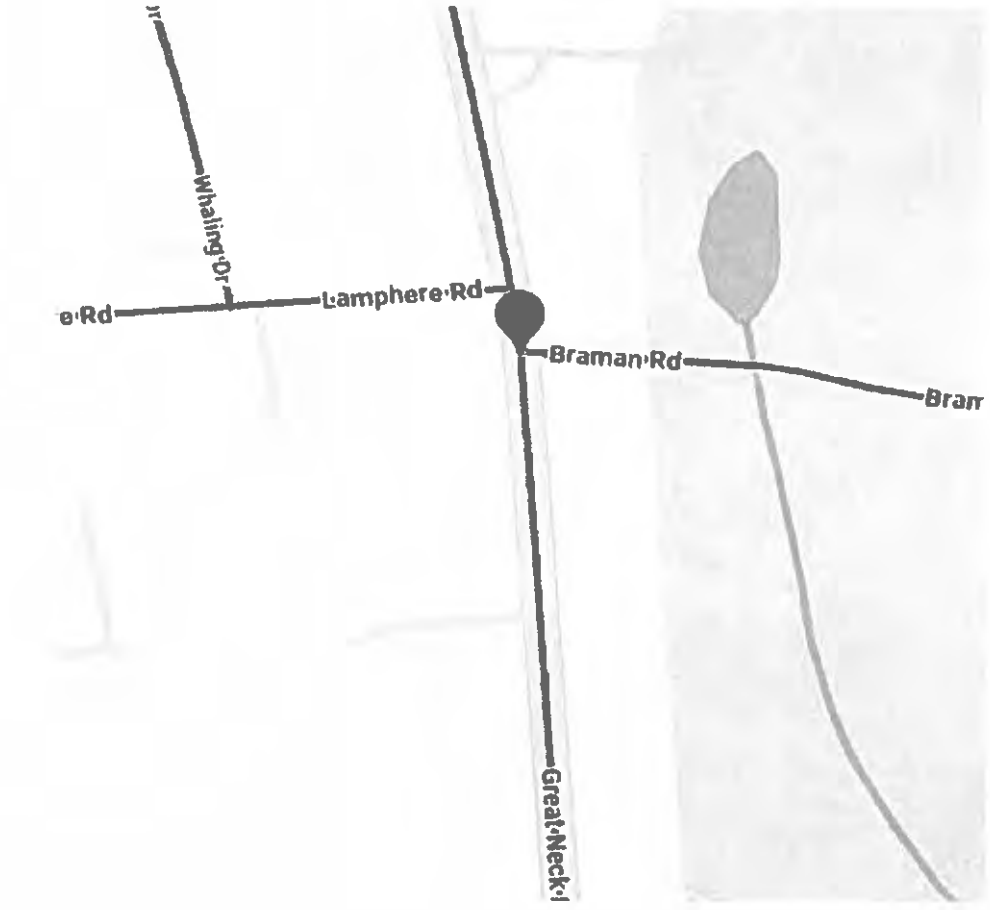
This project will provide reduced traffic wait times, reductions in accidents and would address pedestrian access.

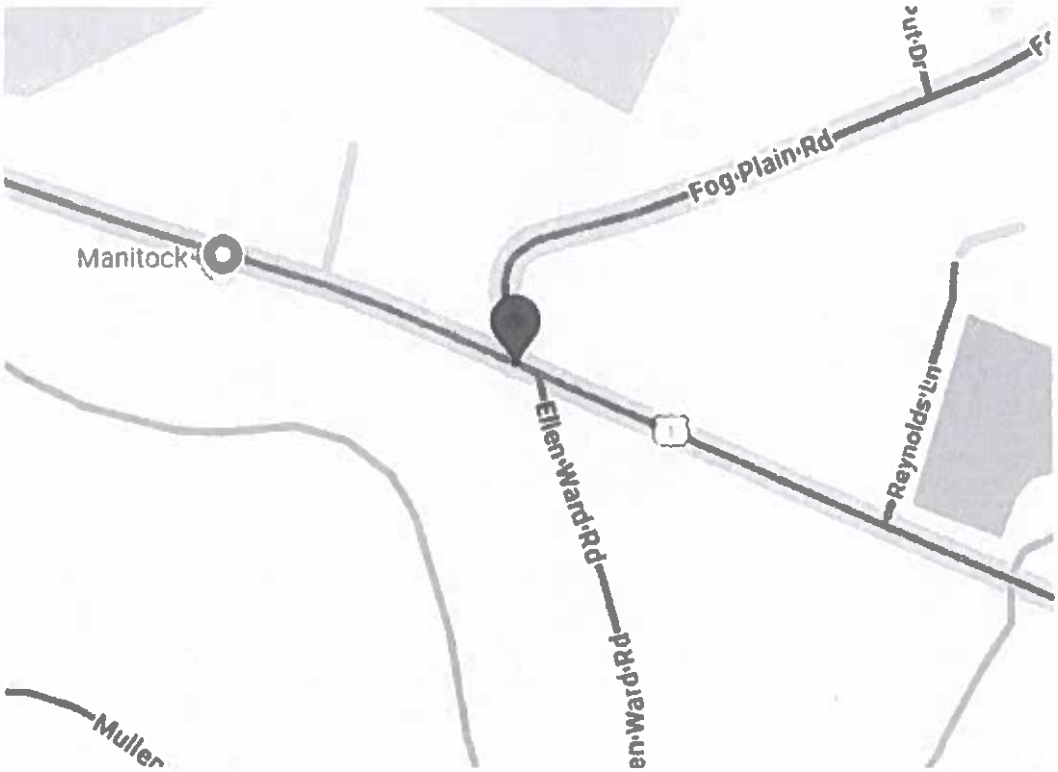
This work must be coordinated with the State DOT.


Rock Ridge Rd
Rock Ridge F
Black Dog Detailing
Sunnieside Ct
Spithead Rd
U.S. Rte 1
91
Striking Tela
Jordan Brook
Lawncare & Gardening


Hartford Turnpike
Lakes Pond Rd
Lakes Pond Rd
89


Charter Oak Federal Credit Union
Rexel
Industrial Dr
Way Hill Rd
Park
Tpke


Whaling Dr
Lamphere Rd
Braman Rd
Great Neck


Manitock
Fog Plain Rd
Ellen Ward Rd
Reynolds Ln

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2026-2031

	DEPARTMENT/ AGENCY:						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	TOTAL
1	Town-wide Court Renovations	1	450,000	450,000			**900,000.00**
1	Playground Improvements	1	178,722	143,031	112,963		**434,716.00**
2	WBP Performance Stage	1	30,000	300,000			**330,000.00**
2	Civic Triangle Phase II	1	35,000	350,000			**385,000.00**
3	Waterford Beach Park Garage - in planning stages				750,000	750,000	**1,500,000.00**
3	Jordan Park House Parking Plan Design			8,500			**8,500.00**
4	Leary Park Irrigation					150,000	**150,000.00**
							-
	TOTALS		**693,722.00**	**1,251,531.00**	**862,963.00**		**3,708,216.00**

NOTES

Placeholder - estimation

Town Wide Courts - Safety - Waterford Beach Park tennis pickleball then QH(Hoelck Park)

Playground Improvements: Playgrounds need a decent amount of updates and improvements - 1 quote received, awaiting another

WBP Performance Stage - Request for engineer build/design

Civic Triangle Phase II - Finish light poles, fencing, and scoreboard relocation. Phase II plan-walkways, lighting, access walk/connector

WBP garage-Storage: No estimates received - awaiting interior design development/exterior final phases

JPH Parking Lot: Quote for plan received.

Leary Park Irrigation - Protect field investments and provide better sport field surfaces

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

Town of Waterford

Recreation and Parks

Capital Improvement Review and Plan

2026 – 2031 Capital Plan Considerations & Development:

Consolidation of Recreation and Parks Projects for Efficient and Equitable Opportunities

R&P has performed a review of projects and identified a new approach to enhancing our offerings and properties. First and foremost, equitable access to the parks and elements available is a priority. Each project has been reviewed to update the infrastructure with accessibility aspects to existing and planned amenities.

By consolidating projects, we can take advantage of pricing for construction costs, materials, and labor, and ensure that the available resources are being used in the most efficient and effective way possible.

These improvements also weigh heavily in the future of Waterford and the amenities the Town provides to its residents and families. The value of the park properties and useful life improves with these goals in mind.

This can help to ensure that all members of the community have access to the same opportunities and resources, regardless of their background or socioeconomic status, while also reducing costs and streamlining the planning process.

Objective:
To consolidate existing recreation and parks projects within our town to implement updated reviews and improvements that enhance safety, accessibility, and equitable opportunities, while minimizing construction equipment transport costs.

Scope:
This directive applies to all recreation and parks projects. It encompasses a comprehensive approach to re-evaluate and improve these spaces to ensure they align with our commitment to safety, inclusivity, and cost-efficiency.

- Long Range Planning reviews with R&P Commission subcommittees
- The master plan encompasses the consolidation of multiple projects into a unified endeavor to reduce construction/equipment/transport costs and optimize resources.
- Emphasizing the importance of safety improvements, inclusive design, and cost-efficiency in updating decades of old infrastructure and equipment.
- Safety Enhancements: Trail systems, walkways, court surfacing, playground improvements
  a. Prioritize safety measures in the consolidation process, including modernized equipment, improved lighting, and enhanced security features.
  b. Ensure that pathways and facilities are designed and maintained to minimize safety risks.

- Equitable Opportunities:
  a. Implement accessibility enhancements to cater to individuals with diverse needs, including ramps, braille signage, and sensory features.
  b. Promote inclusivity in the design of parks and recreation spaces to ensure equal access for all residents.

- Cost Reduction:
  a. Explore cost-saving opportunities through the consolidation of projects, sharing of resources, and reducing duplication of efforts.
  b. Seek efficient construction methods to minimize expenses related to equipment transport and construction.

- Community Engagement:
  a. Involve the community in the decision-making process and gather input on the consolidation plan, safety enhancements, and accessibility improvements.
  b. Ensure transparency and open communication with residents throughout the project.

- Project Implementation:
  a. Execute the consolidation plan in phases, prioritizing areas with the greatest need and potential for improvement.
  b. Monitor the progress of each project and ensure that safety and equity goals are met.

- Evaluation and Reporting:
  a. Conduct regular evaluations of the projects to measure the impact on safety and equity.
  b. Provide transparent and regular reports to city officials, stakeholders, and the community on the progress, outcomes, and cost-efficiency of the projects.

- Budget Allocation:
  a. Allocate sufficient funds from through operating and capital budgets to support the consolidation of recreation and parks projects as outlined in the master plan.

  This directive seeks to create a more unified, safe, and inclusive environment within Waterford's recreation and parks spaces while optimizing resources and reducing costs. It reflects our commitment to providing all residents with equitable opportunities for recreation and enjoyment.

- Department review criteria for our parks involves:
  1. Safety and Quality of Life: Upgrading the playground ensures that children have a safe and enjoyable place to play, enhancing the quality of life for families in the community.
  2. Physical Activity and Health: New athletic field irrigation allows for better maintenance, ensuring that the fields are playable year-round and encouraging physical activity among residents, which is vital for public health.
  3. Sports Facilities: New tennis and basketball court surfaces provide opportunities for residents of all ages to engage in recreational and competitive sports, fostering physical fitness and community engagement.
  4. Inclusivity: Modernizing the park can include features designed for people with disabilities, ensuring that everyone in the community has equal access to recreational opportunities.
  5. Community Building: A well-maintained park serves as a focal point for the community, where residents can socialize, participate in events, and build a stronger sense of unity.

6. Economic Benefits: Improved parks can attract visitors, potentially boosting local businesses through increased tourism and event hosting.
7. Environmental Sustainability: Updated irrigation systems can use water more efficiently, reducing waste and contributing to environmental sustainability.
8. Property Values: Upgraded parks and sports facilities can have a positive impact on nearby property values, benefiting homeowners in the area.
9. Education and Skill Development: Playgrounds and sports facilities provide opportunities for children to develop essential skills, including physical, social, and cognitive abilities.
10. Increased Usage: High-quality facilities are more likely to be used by residents, resulting in a better return on the community's investment.
11. Competitive Advantage: Attractive parks and sports amenities can give the community a competitive advantage in attracting new residents, businesses, and investment.
12. Aging Infrastructure: If the existing park infrastructure is outdated or deteriorating, an update becomes necessary to ensure continued safe and functional use.

Project Identification:

I. Current projects and funding listing:

33723-55838	Children's Playground Equipment: Received $10,000 donation from Gardiner Family Foundation. Plan to integrate with Civic Triangle phase I plans. Installation expected in Spring '26.
CNR 20537-57854	WBP Concert Improvements: Continue exploring options as the summer concert series grows. Balance should cover plan design. Balance: $30,000
20537-57735	Leary Park Drainage and Access Road Quotes for plans in progress.

II. Updated review:

A. Pleasure Beach Walk:

Status: Awaiting additional funding. Project was overbid.

B. Children's Playground Equipment

Will be installed in Spring 2026

C. Equipment/Storage Garage Plan (From Vets-WBP Shop)

Benefits: Allow for expanded space within Civic Triangle Park for programming and community events
Updated building to properly house staff and equipment for park and maintenance operations

Goals: Provide storage for all equipment to protect from elements
Cleaning and changing room for staff
Appropriate facility drainage to allow for proper equipment maintenance/cleaning
Updated utilities for more efficient use and lower costs

Status: Initial design for area received from Barton and Loguidice
Exterior site plan under review with Planning & Zoning: Interior specs being discussed

D. Town-wide Court Repairs/Resurfacing:

Status: (Town Hall Basketball and Leary Park Pickleball/Tennis/Basketball completed in Fall 2025.)

Benefit: Improved surfacing for safe and consistent play. The length of the warranty allows for a greater value and return on investment.

Goals: PT concrete combines durability, stability, and low maintenance costs, making it the safest choice for court sports. Whether it's tennis, basketball, or any other sport, PT concrete ensures a reliable and secure playing surface for athletes of all levels.

Asset Numbers

Quaker Hill School	(2) Tennis/pickleball	N/A	$200-$250,000/court
WBP	(2) Tennis/pickleball	#9204031563	1990 – 3

FieldTurf (State of CT Cooperative purchasing) quotes : Post Tension concrete, fencing, etc.

Justification: Recreation and Parks is responsible for the maintenance of the following tennis/pickleball and basketball courts in the Town of Waterford: Leary Park (1 basketball, 4 tennis), WBP (2 tennis), QH (2 tennis), Town Hall (2 basketball, introduce 2 new pickleball. The courts were installed in the ***mid 1970's*** and have received crack and surfacing repairs, painting, and other remedies that have not been as successful as hoped. A more permanent solution is desired for our residents and justifications are:

Post-tensioned concrete and asphalt are both commonly used materials for tennis courts and other sports surfaces. The advantages and considerations for each:

I. Asphalt:

o Ease of Construction: Asphalt courts have been popular due to their ease of construction and the readily available materials associated with asphalt's primary application (roadways and parking lots).

o Flexible Pavement: Asphalt is a flexible pavement, which means that over time, cracking of the pavement is inevitable. While effective management of cracking is feasible for roads and parking lots, these maintenance issues pose a greater risk to tennis players.

o Maintenance Challenges: Asphalt courts often suffer from cracking, poor drainage, and unstable subgrade soils. Sawed joints are recommended to relieve tension in the court surface, but new cracks can still form within the play area.

o Specialty Asphalt Mixes: While asphalt is commonly used for roads, the asphalt mix for tennis courts needs adjustments. Specialty mixes cost more and present challenges for producers and installers.

II. Post-Tensioned Concrete (PT Concrete):

o Rigid and Reinforced: PT concrete is a rigid, reinforced concrete pavement. Its design eliminates jointing and cracking issues that plague asphalt courts.

o Longer Lifespan: The lifespan of PT concrete can be almost double that of an asphalt court. It offers durability and longevity.

o Stability on Unstable Soils: PT concrete can span unstable soils where asphalt might fail.

o Lower Maintenance Costs: PT courts require less crack repair and resurfacing compared to asphalt courts.

In summary, IPT concrete courts earn the trophy for durability, playability, and long-term value. They resist crack development, settling, and heaving, provide better drainage, and offer a uniform playing surface. While PT construct is more expensive to install initially, the lower maintenance costs over the court's life make it a compelling choice for those seeking a reliable and long-lasting tennis court.

E. JPH Parking lot

Benefit: Increased access to parking spaces to comply with ADA requirements
Allow ease of access for emergency vehicles during special events

Goals:
Cost to plan design received
Enlarging a parking lot to allow for accessible parking and emergency access and egress is an important step in ensuring that everyone can safely and easily access the facilities. Here are some reasons why enlarging a parking lot for these purposes is a good idea:
1. Compliance with the Americans with Disabilities Act (ADA): The ADA requires that all public facilities, including parking lots, be accessible to people with disabilities. Enlarging the parking lot to allow for more accessible parking spaces is one way to ensure that the facility is compliant with the ADA standards.
2. Increased accessibility: Enlarging the parking lot to allow for more accessible parking spaces makes the facility more accessible to people with disabilities, including those who use wheelchairs or other mobility devices. This can help to increase the number of visitors to the facility and make it a more inclusive space for everyone.
3. Improved safety: Enlarging the parking lot to allow for emergency access and egress can help to improve safety in the facility by providing a clear path for emergency vehicles to enter and exit the area. This can help to prevent accidents and injuries, especially in the event of an emergency.
4. Enhanced visitor experience: Enlarging the parking lot to allow for more accessible parking spaces can enhance the visitor experience by making it easier for people to navigate the facility and use its amenities. This can help to create a more positive experience for visitors and encourage them to return to the facility in the future.
In conclusion, enlarging a parking lot to allow for accessible parking and emergency access and egress is a smart investment that can help to improve safety, accessibility, and visitor experience.
Plan Cost: $8,500

F. Waterford Beach Park Performance Stage

Benefit: Waterford Beach Park is a cherished community space that hosts numerous seasonal events, with the highlight being the Summer Concert Series. This series attracts top bands from the region and draws crowds of 2,000 to 6,000 people per concert, making it the largest public venue for concerts in Southeast Connecticut. Currently, the park relies on portable temporary staging, which poses several challenges and risks. Establishing a permanent performance stage would enhance safety, efficiency, and the overall experience for both performers and attendees.

Goals:

1. **Safety Concerns:**
    - **Manual Setup Risks:** The manual setup and breakdown of temporary stages increase the risk of injury to staff and volunteers. A permanent structure would eliminate these hazards, providing a safer environment for all involved.
    - **Structural Integrity:** Portable stages are prone to wear and tear, which can compromise their structural integrity over time. A permanent stage would offer a more robust and reliable platform, reducing the risk of accidents during events.
2. **Operational Efficiency:**
    - **Time and Labor Savings:** Erecting and dismantling temporary stages is labor-intensive and time-consuming. A permanent stage would significantly reduce the labor required for event setup and breakdown, allowing staff to focus on other critical tasks.
    - **Consistency and Reliability:** A fixed stage ensures consistent quality and reliability for every event, minimizing disruptions and last-minute technical issues.
3. **Enhanced Event Experience:**
    - **Professional Infrastructure:** A permanent stage can be designed with optimal acoustics, lighting, and other performance needs in mind, providing a superior experience for both performers and the audience.
    - **Aesthetic Appeal:** A well-designed permanent stage enhances the park's visual appeal, creating a more attractive and inviting venue for events.
4. **Economic Benefits:**
    - **Cost-Effective:** Although the initial investment in a permanent stage is significant, it will save money in the long run by eliminating the recurring costs associated with renting, transporting, and maintaining temporary stages.
    - **Increased Attendance:** Improved facilities can attract larger audiences and higher-profile performers, boosting local tourism and supporting the economy.
5. **Compliance and Adaptation:**
    - **Floodplain Considerations:** The proposed stage would adhere to all town and regulatory requirements for construction in a floodplain zone. This ensures that the structure is safe, durable, and compliant with environmental standards.
    - **Community Support:** Engaging the community in the planning process can garner public support and ensure that the stage meets the needs and expectations of local residents.

Conclusion:

A permanent performance stage at Waterford Beach Park is a prudent and forward-thinking investment. It addresses current safety concerns, enhances operational efficiency, improves the quality of events, and provides long-term economic benefits. By ensuring compliance with all relevant regulations, the new structure will serve as a safe, reliable, and attractive venue for years to come, enriching the cultural and recreational fabric of Waterford.

G. Civic Triangle Park Improvements

Benefits: Creating more programmable spaces allowing for diverse opportunities

Goals: Provide larger range of outdoor activity and community engagement. Staff continue to review opportunities for development and accessibility. Considerations to modify fencing, improve lighting and pathways, replace and relocate scoreboard, include pavilion, and discuss minimal water elements.

The need to update parks or perform park alterations can be justified for several reasons:

Enhancing Community Well-Being

1. **Improved Recreational Opportunities**: Expanded facilities such as sports courts, playgrounds, and fitness areas provide residents with more ways to stay active and healthy.
2. **Social Interaction**: Parks serve as community hubs where people can gather, socialize, and participate in events, fostering a sense of community and belonging.

Environmental Benefits

1. **Green Space Conservation**: Developing existing parks helps preserve green spaces within urban areas, promoting biodiversity and providing habitats for local wildlife.
2. **Air Quality Improvement**: Trees and plants in parks act as natural air filters, improving air quality by absorbing pollutants and releasing oxygen.

Economic Advantages

1. **Increased Property Values**: Proximity to well-maintained parks can boost property values in the surrounding areas, benefiting homeowners and the local economy.
2. **Tourism and Local Business**: Parks with unique features can attract visitors, supporting local businesses and stimulating the economy.

Accessibility and Inclusivity

1. **Inclusive Design**: Upgrades can include accessible pathways, sensory gardens, and adaptive playground equipment, ensuring that everyone, including those with disabilities, can enjoy the park.
2. **Community Programs**: Expanded facilities allow for a wider range of programs and activities that cater to diverse groups, from children to seniors.

Health and Wellness

1. **Mental Health**: Parks provide a serene environment for relaxation and stress relief, contributing to better mental health for residents.
2. **Physical Health**: Access to outdoor recreational areas encourages physical activity, reducing the risk of lifestyle-related diseases.

Resilience and Sustainability

1. **Climate Adaptation**: Parks can incorporate features like rain gardens and permeable surfaces to manage stormwater runoff and reduce flooding risks.
2. **Sustainable Practices**: The development plan can include sustainable practices such as the use of native plants, solar lighting, and energy-efficient buildings.

Community Engagement

1. **Public Involvement**: The planning process can involve community input, fostering a sense of ownership and pride among residents.
2. **Educational Opportunities**: Parks can include educational features like nature trails, interpretive signs, and community gardens to teach about local ecology and sustainability.

Conclusion

Investing in the development of existing parks is a strategic move that can yield a multitude of benefits, enhancing the quality of life for residents, protecting the environment, and boosting the local economy. By planning thoughtfully and engaging the community, parks can become even more vibrant and valuable assets to the community. In justifying these updates, it's important to consider the specific needs and preferences of the local community, conduct cost-benefit analyses, and engage with residents to ensure the proposed changes align with their desires and priorities. Investing in the improvement of a local park can have a far-reaching positive impact on the community's overall well-being and vitality.

Improvements under review :

- Lighting
- Walks/pathways throughout park and off of Rte1/BPR to park
- Fencing
- Use of garage building
- Development of surrounding park grounds

Other projects within the park:

Children's Playground Equipment: Received $10,000 donation from Gardiner Family Foundation. Plan to integrate with Civic Triangle phase II plans once Phase I completes.
Request: $50,000 for planning purposes
Jordan Park House Parking Lot Improvements

H. Leary Park Drainage and Lower Park Access

Benefit and Goals:

1. Access to Lower Park Area:

- **Enhanced Accessibility:** Ensuring easy access to the lower park area will make it more welcoming and usable for all community members, including individuals with disabilities, families with strollers, and elderly citizens.
- **Visitor Experience:** Improved access encourages more frequent use and enjoyment of the park's facilities.

2. Softball Field:

- **Community Engagement:** A well-maintained softball field provides a venue for local sports leagues, school teams, and recreational players, promoting physical fitness and community interaction.
- **Event Hosting:** The field can host tournaments and events, which can foster local pride and bring economic benefits through increased park usage.

3. Playground: (noted in town-wide playground improvements)

- **Child Development:** A safe and engaging playground supports physical, social, and cognitive development in children.
- **Family Recreation:** Playgrounds create a space where families can spend quality time together, enhancing community cohesion.

4. Viewing on Hill Above Lower Field:

- **Spectator Comfort:** Creating a designated viewing area on the hill above the lower field offers spectators a comfortable and elevated vantage point to watch games and events.
- **Community Space:** This area can also serve as a gathering spot for picnics, relaxation, and community events.

5. Drainage Improvements:

- **Safety and Maintenance:** Proper drainage is essential to prevent flooding, erosion, and waterlogging, which can damage park infrastructure and create hazardous conditions.
- **Sustainability:** Effective drainage solutions contribute to the long-term sustainability and usability of the park by protecting the landscape and reducing maintenance costs.

6. Emergency Vehicle Access:

- **Safety and Emergency Response:** Providing dedicated access for emergency vehicles ensures rapid response times in case of accidents, health emergencies, or other incidents within the park.
- **Regulatory Compliance:** Ensuring compliance with safety regulations and standards is vital for the park's operation and the well-being of its visitors.

Lighting and Safety Considerations

- **No Interior Park Lighting:** The decision to exclude interior park lighting addresses safety and policing concerns. Adequate lighting could potentially attract unwanted activities during nighttime, posing risks to the safety of park visitors.
- **Alternative Solutions:** To balance safety and usability, focus on ensuring sufficient lighting in critical areas such as entrances, exits, and pathways leading to the parking lot while keeping the interior dark.

Conclusion

This proposed project aims to enhance the functionality, safety, and accessibility of the municipal park, making it a vibrant and welcoming space for the entire community. By addressing key infrastructure needs and prioritizing the well-being of visitors, the development will significantly contribute to the quality of life in Waterford

I. Athletic Field Irrigation

Benefit and Goals: **Enhanced Turf Health and Quality**

1. **Consistent Watering:** An irrigation system provides consistent and even watering, ensuring that all areas of the field receive the appropriate amount of water. This helps maintain lush, healthy turf.
2. **Disease Prevention:** Proper hydration reduces the stress on grass, making it less susceptible to diseases. Healthy turf is more resilient and can withstand heavy use better.

Improved Playability

1. **Optimal Playing Conditions:** Regular irrigation keeps the turf in optimal condition, providing a safe and consistent playing surface for athletes. This reduces the risk of injuries caused by uneven or hard ground.
2. **Extended Playing Season:** With adequate water supply, the turf can remain in good condition throughout the growing season, allowing for extended use of the fields.

Efficient Water Use

1. **Water Conservation:** Modern irrigation systems are designed to be efficient, using water sensors and timers to optimize watering schedules. This reduces water waste and ensures that the fields are watered only when necessary.
2. **Localized Watering:** Irrigation systems can target specific areas of the field that need more water, rather than indiscriminately watering the entire field. This targeted approach further conserves water.

Labor and Time Savings

1. **Automated Systems:** Irrigation systems can be automated, reducing the need for manual watering. This frees up groundskeeping staff to focus on other maintenance tasks.
2. **Consistent Maintenance:** Automated systems ensure that the field is watered regularly without relying on human intervention, which can sometimes be inconsistent.

Cost-Effective in the Long Run

1. **Reduced Water Costs:** Efficient use of water reduces overall water consumption, leading to lower utility bills.

2. **Lower Maintenance Costs:** Healthy turf requires fewer repairs and less frequent reseeding, resulting in lower long-term maintenance costs.

Environmental Benefits

1. **Sustainable Practices:** Using water-efficient irrigation systems aligns with sustainable practices and environmental stewardship, promoting responsible use of natural resources.
2. **Erosion Control:** Proper irrigation helps maintain soil structure and prevents erosion, especially in areas prone to heavy use.

Aesthetic Appeal

1. **Uniform Greenery:** A well-watered field is visually appealing, with uniform green turf that enhances the overall look of the athletic facilities.
2. **Community Pride:** Well-maintained fields can instill a sense of pride in the community, encouraging more frequent use and fostering local sports programs.

Installing irrigation systems on athletic fields is a smart investment that enhances turf health, playability, water efficiency, and overall maintenance. It contributes to creating a safe, sustainable, and enjoyable environment for athletes and spectators alike.

J. Town Wide Playground Improvements

Benefits: Updated elements for residents, improved accessibility, property value and town attraction

Goals: Introduce accessible elements and sidewalks to playgrounds
Provide updated challenges and play equipment

Status: Met with Miracle and Burke vendors to get an idea of total costs. Quotes provided

Leary Park playground: Two (2) structures – Asset#9204030534 Year installed: 2003
Asset#9902200011 Year installed: 1998
Estimated Cost: **$178,772**

Dedrick Park playground: One (1) structure – Asset#9902170016 Year installed: 1999
Estimated Cost: **$112,963**

Waterford Beach Park: One (1) structure – Asset N/A – donated during elementary school consolidation
Estimated Cost: **$143,031**

2030 and BEYOND NOTES/CONSIDERATIONS:

Barry Farm – Sportsmen Club – Civic Triangle Trails – State grants
Scotch Cap Road Kayak/Boat Launch
New bathroom facilities at Leary and Vets parks
Robotic Mowers
QH Concession and infrastructure – codes, etc.
Lower Stenger pond enhancements and benches
Water fountains w/bottle fillers – wall-mounted = +$6,000

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY: Recreation and Parks

CONTACT PERSON: Ryan McNamara

PROJECT NAME: Town Wide Court Repairs

DEPARTMENT PRIORITY: 1

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)
	The two remaining courts in town left to renovate to post tension concrete are the tennis courts located at Waterford Beach Park and Hoelck Park/Quaker Hill. There are two (2) courts at each location. The playing surface is in dire need of repair to continue providing this type of activity.
2	PROJECT STATUS IF IN PROGRESS
	Courts renovated at Town Hall and Leary park in 2025.
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST
	N/A
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)
	Both sets of courts are located in areas where services and landscaping management already occur. The appropriate surfacing will eliminate current conditions that require removing debris from surface and structural cracking.
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)
	N/A
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)
	Plans and concepts will be requested through the CT cooperative purchasing consortium to find cost savings. Current estimates are approximately $200-$250,000 per court.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		450,000	450,000			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	450,000	450,000	0	0	0

COOP BUDGET PROPOSAL

FieldTurf
A Tarkett Sports Company

Waterford Beach Park
Court Renovations

December 19, 2025

FieldTurf USA, Inc. is pleased to present the following proposal. FieldTurf pricing is based on the Capital Region Education Council (CREC) program. CREC is a member of The Association of Educational Purchasing Agencies (AEPA) program. The AEPA is a purchasing co-op that provides member schools with pre-determined preferential pricing by approved vendors. Since the product has already been bid at the national level, individual schools do not have to duplicate the formal bid process. AEPA IFB #024-A.

AEPA Association of Educational

CREC Excellence in Education

Click on the following AEPA hyperlink for more information: AEPA IFB #24-A.

FieldTurf is pleased to offer to supply and install the following high performance court system:

PROJECT SCOPE:

The base bid project scope includes a design build, turnkey approach with FieldTurf. The work will include associated design and implementation of new tennis courts and improved access to the courts. These includes removal and replacement of the existing tennis courts, netting and fencing. Furnishing and installation of 2 new post tension concrete tennis courts with striping for 4 pickle ball courts on top, Existing paved pathway to the courts will be repaved.

It is assumed that this work will be completed in +/- 2 – 3 months and the adjacent parking lot will be available for staging.

BASE BID

FIELD NAME	Waterford – Beach Park
SQUARE FOOTAGE	+/-16,000 SF
FIELD MARKINGS	Tennis Court Markings (2) and Pickleball (4) Markings with up to 2 Colors per Courts
PROPOSED BUDGET	**$390,000 - $435,000**

ALTERNATES

ADD Alternate No. 1: Concrete Walkways	LUMP SUM
Furnish and install concrete walkways in lieu of pavement	$10,595.00

ADD Alternate No. 2: Performance and Payment Bonds	LUMP SUM
Remove and replace existing paved walkway around bathroom building with new concrete walkway and ADA access ramp	$4,955.00

PRICE INCLUDES:

a) Professionally engineered design plans in support of the project improvements
b) Prevailing wages
c) Performance and payment bonds
d) Site development plans including final layout, drainage and grading for new driveway
e) Furnish and install driveway and ADA parking for tennis courts and ADA access to tennis and basketball courts.
f) Tennis Courts

Site Preparation & Restoration:

1) Supply and install sediment & erosion control measures around the work site as needed.
2) Demo the existing accessories and chain link fencing system.
3) Reclaim existing courts and regrade for proper consistent pitch.
4) Net posts sleeves will be supplied and installed in their own footings.
5) Existing court footprint to be expanded to accommodate new pickleball courts.
6) New posts sleeves will be suppled in individual footings.

Post-Tension Concrete Slabs:

1) Form work will be installed around the entire perimeter of the prepared base.
2) Two layers of 6 mil poly will be installed over the prepared base. The first layer will run in the north south direction and the second layer will run in east west direction. All joints will be taped.
3) Post-tensioning cables will be installed according to the engineered design. Cables to be 7 strand, ½" sheathed and greased cables, commercial grade with 50 mil plastic sheathing.
4) Double-fiberglass rebar will be installed on both sides of the anchors as shown on drawings to act as back up bars.
5) A concrete slab will be placed inside the formwork. Concrete mix will be a specially designed mix used for post tension slabs.
6) Forms will be stripped, and the post-tensioning cables will be stressed according to their specifications. First stress, 24 hours after completion of concrete pour. Second stress will be done after concrete reaches +/- 2300 psi (which will take +/- 7 days after the pour) The total stress will be 33,000 lbs per linear inch in both directions. The design of this slab is based on a residual prestress force (psi) of 130 which is above PTI recommendations for sport courts on grade.

7) After final stress, Post-tension cable ends will be cut off inside the cone holes, exposed anchors and cables inside the cone holes will be first sprayed with a rubberized waterproof spray and then the cone holes will be filled with no-shrink grout (so edge of slab is flush and smooth).
8) The new concrete slab will be checked for flatness. Any low spots exceeding 1/8" in ten feet in any direction will be filled with 5000 psi epoxy concrete and brought to the proper elevation.

Sports Surface - Prime Coating System:

1) The entire concrete slab will be sealed and primed with a breathable waterproof sealer (Classic Turf Adhesive) and grip layer will be installed.
2) One (1) coat of Novasurface acrylic resurfacer will be applied to the grip layer according to its specifications.
3) Two (2) coats of Novacrylic color coating will be applied to the entire surface according to its specifications. Finished color(s) will be owner's decision.
4) White playing lines will be applied with Novatex line paint according to project documents.

Perimeter Fencing and Curbing:

1) Supply and install 10' tall, black PVC coated chain link fence size, 1-3/4" x 9 ga. Class 2 B wire.
2) 1.660" top & bottom rails with 4" end/corner/gate posts, 3" line posts – all pipe ASTM 1043 & ASTM 1083 standard weight schedule 40 *around the tennis courts only*.
3) Posts spaced at 8' OC.
4) Gates to be supplied and installed to match the existing layout.
5) A 12"x12" perimeter concrete curb will be supplied and installed around the post tension concrete slabs. The fence will be centered in the curb (tennis courts only). The curb will protect the edge of the post tension concrete slabs and remain uncoated.

Accessories:

1) Four (2) new tennis net posts, nets and center straps to be supplied and installed.

Warranty:

1) FieldTurf will guarantee the post tension concrete slab for a period of 25-years from structural cracking, heaving, and settling.

2) FieldTurf will guarantee the Prime Coating Sports Surface for a period of 10-years from bubbling and/or peeling.

PRICE DOES NOT INCLUDE:

a) FieldTurf is not altering or improving the existing drainage system under the existing artificial turf limits. No removal, milling, ponding, flooding or repairs within the existing base and drainage system are included and shall remain the responsibility of the owner.
b) The supply and import of additional finish aggregate.
c) Any costs associated with necessary charges relating to the delineation of the courts.
d) The supply or installation of special structures such as walls and light poles.
e) The supply of or adjustment to existing manholes, clean-outs or grates and supply of the manhole covers

f) Any alteration or deviation from specifications involving extra costs, which alteration or deviation will be provided only upon executed change orders, and will become an extra charge over and above the offered price.
g) Site security.
h) Repair or resurfacing existing asphalt parking lot if damaged by truck traffic.
i) Site restoration, sodding, landscaping or grow-in.
j) Boring for utilities.
k) Any electrical work.
l) Athletic court lighting installation.
m) Unsuitable soils: once subgrade has been established, a proof roll will be performed to ensure the structural stability of the soils; in the event that unsuitable soils are encountered, a price to remedy these areas can be provided by FieldTurf.
n) Asphalt paving outside of courts.
o) Relocation, removal and repair of existing utilities not limited to electrical conduits, power poles, water, sewer, gas, cable, telephone, owner placed conduits and/or communication feeds within the field of play.
p) Performance and Payment bond fees.
q) Permits, Permit fees, Inspection fees.
r) All applicable taxes, union labor and other labor law levies.
s) Anything not explicitly noted in the inclusions.

The price is valid for a period of 90 days. The price is subject to increase if affected by an increase in raw materials, freight, or other manufacturing costs, a tax increase, new taxes, levies or any new legally binding imposition affecting the transaction. The parties recognize that the effects of global economic instability are currently unpredictable and could lead to limitations in labor availability and delays in the supply and delivery of materials, equipment or products In addition, as these contingencies have not been factored into this proposal; materials, equipment and/or products to be used in performing the work may become subject to a price increase. Accordingly, it is acknowledged that the seller/FieldTurf shall (a) not be subject to any damages for any delay due to events beyond its control and, (b) be allowed an equitable adjustment of the time and/or of the price of this proposal or any contractual document resulting therefrom. FieldTurf shall endeavor to notify you as soon as possible of any such events and/or contingencies. Please note that the seller/FieldTurf shall use its best efforts to ensure that it fulfills its commitments and will strive to minimize any negative impacts as they may arise. Thank you for your kind understanding.

Please feel free to reach out to any member of our project team with questions about our offer:

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Director of Design and Construction
203-676-4445
christopher.hulk@fieldturf.com

Andrew Dyjak
Regional Vice President - New England
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Andrew.Dyjak@FieldTurf.com

Thank you again for your interest in FieldTurf, we look forward to working with you.

COOP BUDGET PROPOSAL

FieldTurf
A Tarkett Sports Company

The present proposal serves to provide an overview of the terms and conditions governing the business relationship between the parties for the completion of the above-referenced transaction. The parties hereby undertake to subsequently formalize their agreement by signing a more detailed agreement and/or purchase order ("Contract") and as such the amount listed herein shall be an estimate which will be formalized in said Contract.

By its signature(s) below, the customer acknowledges having read and accepted this proposal and undertakes to be bound by it.

Per: _____
Marie-Christine Raymond, Director of Operations
FieldTurf USA, Inc. / Tarkett Sports Canada, Inc.

_____
Owner (Signature)

_____
Printed Name and Title

FieldTurf USA, Inc. holds the Cooperative Purchase contract, any PO for Contract must be made out to FieldTurf USA, Inc. 175 N Industrial Blvd NE. Calhoun, GA 30701

If you have questions regarding the FieldTurf and Beynon SmartBuy Cooperative Purchasing Program, please contact Eric Fisher at: Eric.Fisher@smartbuycooperative.com.

SmartBuy
PURCHASING PROGRAMS
FIELDTURF • BEYNON

COOP BUDGET PROPOSAL

FieldTurf
A Tarkett Sports Company

CONDITIONS

Notwithstanding any other document or agreement entered into by FieldTurf in connection with the supply and installation only of its product pursuant to the present bid proposal, the following shall apply:

a) This bid proposal and its acceptance is subject to strikes, accidents, delays beyond our control and *force majeure*.

b) Based upon Applications for Payment submitted to the Customer by the Supplier, the Customer shall make progress payments on account of the Purchase Price to the Supplier as provided below and elsewhere in the Agreement. The period covered by each Application for Payment shall be one calendar month ending on the last day of the month. 20% of the total contract value shall be due on December 1, 2023. Thereafter, the Customer shall make payment of the certified amount to the Supplier, 5% retainage, within thirty (30) days of the date of the Application for Payment. Payments due and unpaid under the Agreement shall bear interest from the date payment is due at the rate of ten Percent (10%) per annum. Final payment, constituting the entire unpaid balance of the Purchase Price, shall be made by the Customer to the Supplier when:

- The Supplier has fully performed the all the work; and

- Supplier's Certificate of Completion for the Turf Product has been signed by the Customer

c) Accounts overdue beyond 30 days of invoice date will be charged at an interest rate of 10% per annum.

d) FieldTurf requires a minimum of 21 days after receiving a fully executed contract or purchase order and final approvals on shop drawings to manufacture, coordinate delivery and schedule arrival of installation crew. Under typical field size and scenario, FieldTurf further requires a minimum of 28 days per field to install the Product subject to weather and force majeure

e) FieldTurf requires a suitable staging area. Staging area must be square footage of field x 0.12, have a minimum access of 15 feet wide by 15 feet high, and, no more than 100 ft from the site. A 25 foot wide by 25 foot long hard or paved clean surface area located within 50 feet of the playing surface shall be provided for purposes of proper mixing of infill material. Access to any field will include suitable bridging over curbs from the staging area to permit suitable access to the field by low clearance vehicles. Staging area surface shall be suitable for passage with motor vehicles used to transport materials to the site and/or staging area. FieldTurf shall not be liable for any damages to the staging area or its surface unless such damages are caused by FieldTurf's intentional misconduct or negligence.

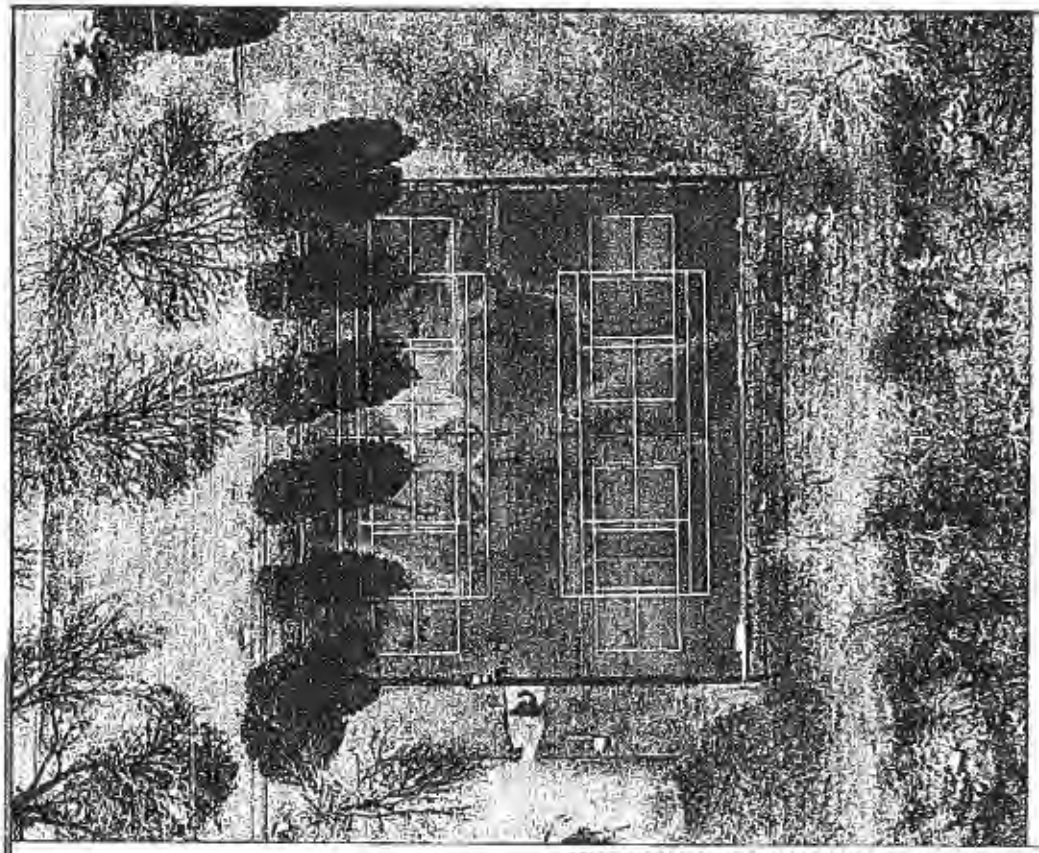
f) This proposal is based on a single mobilization. If the site is not ready and additional mobilizations are necessary, additional charges will apply.

g) Upon substantial completion of FieldTurf's obligations, the Customer shall sign FieldTurf's Certificate of Completion in the form currently in force; to accomplish this purpose, the Customer will ensure that an authorized representative is present at the walk-through to determine substantial completion and acceptance of the field, which may include a list of punch list items.

h) FieldTurf shall not be a party to any penalty clauses and/or liquidated damages provisions.

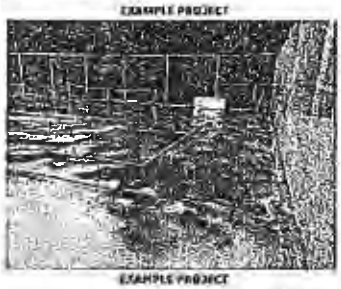
i) FieldTurf shall be entitled to recover all costs and expenses, including attorney fees, associated with collection procedures in the event that FieldTurf pursues collection of payment of any past due invoice.

j) All colors are to be chosen from FieldTurf's standard colors.

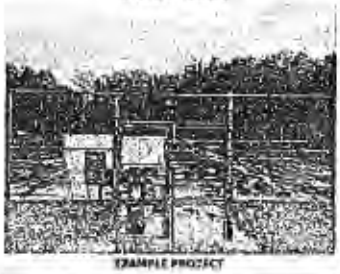




EXAMPLE PROJECT



EXAMPLE PROJECT



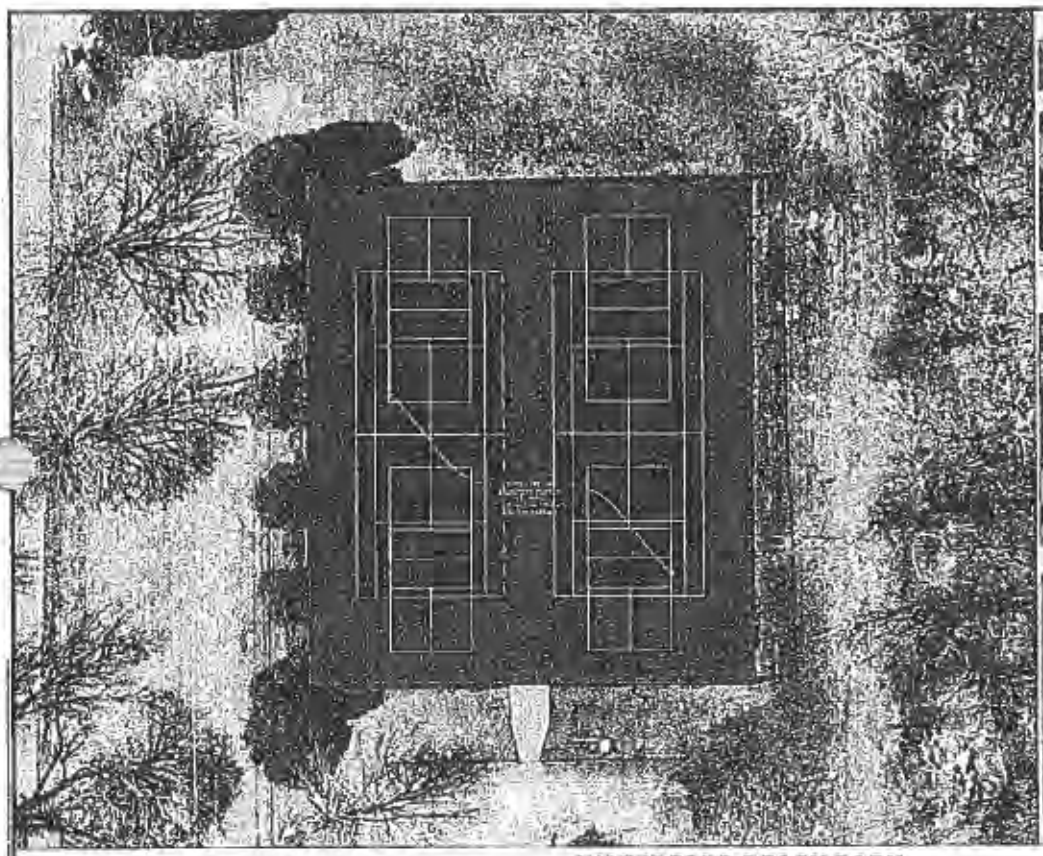
EXAMPLE PROJECT

FieldTurf

WATERFORD BEACH PARK
COURT IMPROVEMENTS

GREAT NECK ROAD
WATERTOWN, CONNECTICUT

EXISTING





EXAMPLE PROJECT



EXAMPLE PROJECT



EXAMPLE PROJECT

FieldTurf

WATERFORD BEACH PARK
COURT IMPROVEMENTS

GREAT NECK ROAD
WATERTOWN, CONNECTICUT

CONCEPT PLAN

COOP BUDGET PROPOSAL

FieldTurf
A Tarkett Sports Company

Quaker Hill School
Court Renovations

December 19, 2025

FieldTurf USA, Inc. is pleased to present the following proposal. FieldTurf pricing is based on the Capital Region Education Council (CREC) program. CREC is a member of The Association of Educational Purchasing Agencies (AEPA) program. The AEPA is a purchasing co-op that provides member schools with pre-determined preferential pricing by approved vendors. Since the product has already been bid at the national level, individual schools do not have to duplicate the formal bid process. AEPA IFB #024-A.

AEPA Association Educational

CREC Excellence in Education

Click on the following AEPA hyperlink for more information: AEPA IFB #24-A.

FieldTurf is pleased to offer to supply and install the following high performance court system:

PROJECT SCOPE:

The base bid project scope includes a design build, turnkey approach with FieldTurf. The work will include associated design and implementation of new tennis courts and improved access to the courts. These includes removal and replacement of the existing tennis courts, netting and fencing. Furnishing and installation of 2 new post tension concrete tennis courts with striping for 4 pickle ball courts on top, Existing paved pathway to the courts will be repaved.

It is assumed that this work will be completed in +/- 2 – 3 months and the adjacent parking lot will be available for staging.

BASE BID

FIELD NAME	Waterford – Quaker Hill
SQUARE FOOTAGE	+/-16,000 SF
FIELD MARKINGS	Tennis Court Markings (2) and Pickleball (4) Markings with up to 2 Colors per Courts
PROPOSED BUDGET	**$410,000 - $450,000**

ALTERNATES

ADD Alternate No. 1: Concrete Walkways	LUMP SUM
Furnish and install concrete walkways in lieu of pavement	$8,595.00

ADD Alternate No. 2: Performance and Payment Bonds	LUMP SUM
Remove and replace existing paved walkway around bathroom building with new concrete walkway and ADA access ramp	$5,000.00

PRICE INCLUDES:

a) Professionally engineered design plans in support of the project improvements
b) Prevailing wages
c) Performance and payment bonds
d) Site development plans including final layout, drainage and grading for new driveway
e) Furnish and install driveway and ADA parking for tennis courts and ADA access to tennis and basketball courts.
f) **Tennis Courts**
Site Preparation & Restoration:

1) Supply and install sediment & erosion control measures around the work site as needed.
2) Demo the existing accessories and chain link fencing system.
3) Reclaim existing courts and regrade for proper consistent pitch.
4) Net posts sleeves will be supplied and installed in their own footings.
5) Existing court footprint to be expanded to accommodate new pickleball courts.
6) New posts sleeves will be suppled in individual footings.

Post-Tension Concrete Slabs:

1) Form work will be installed around the entire perimeter of the prepared base.
2) Two layers of 6 mil poly will be installed over the prepared base. The first layer will run in the north south direction and the second layer will run in east west direction. All joints will be taped.
3) Post-tensioning cables will be installed according to the engineered design. Cables to be 7 strand, ½" sheathed and greased cables, commercial grade with 50 mil plastic sheathing.
4) Double-fiberglass rebar will be installed on both sides of the anchors as shown on drawings to act as back up bars.
5) A concrete slab will be placed inside the formwork. Concrete mix will be a specially designed mix used for post tension slabs.
6) Forms will be stripped, and the post-tensioning cables will be stressed according to their specifications. First stress, 24 hours after completion of concrete pour. Second stress will be done after concrete reaches +/- 2300 psi (which will take +/- 7 days after the pour). The total stress will be 33,000 lbs per linear inch in both directions. The design of this slab is based on a residual prestress force (psi) of 130 which is above PTI recommendations for sport courts on grade.

7) After final stress, Post-tension cable ends will be cut off inside the cone holes, exposed anchors and cables inside the cone holes will be first sprayed with a rubberized waterproof spray and then the cone holes will be filled with no-shrink grout (so edge of slab is flush and smooth).
8) The new concrete slab will be checked for flatness. Any low spots exceeding 1/8" in ten feet in any direction will be filled with 5000 psi epoxy concrete and brought to the proper elevation.

Sports Surface - Prime Coating System:

1) The entire concrete slab will be sealed and primed with a breathable waterproof sealer (Classic Turf Adhesive) and grip layer will be installed.
2) One (1) coat of Novasurface acrylic resurfacer will be applied to the grip layer according to its specifications.
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Marie-Christine Raymond, Director of Operations
FieldTurf USA, Inc. / Tarkett Sports Canada, Inc

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Owner (Signature)

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Printed Name and Title

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FieldTurf
A Tarkett Sports Company

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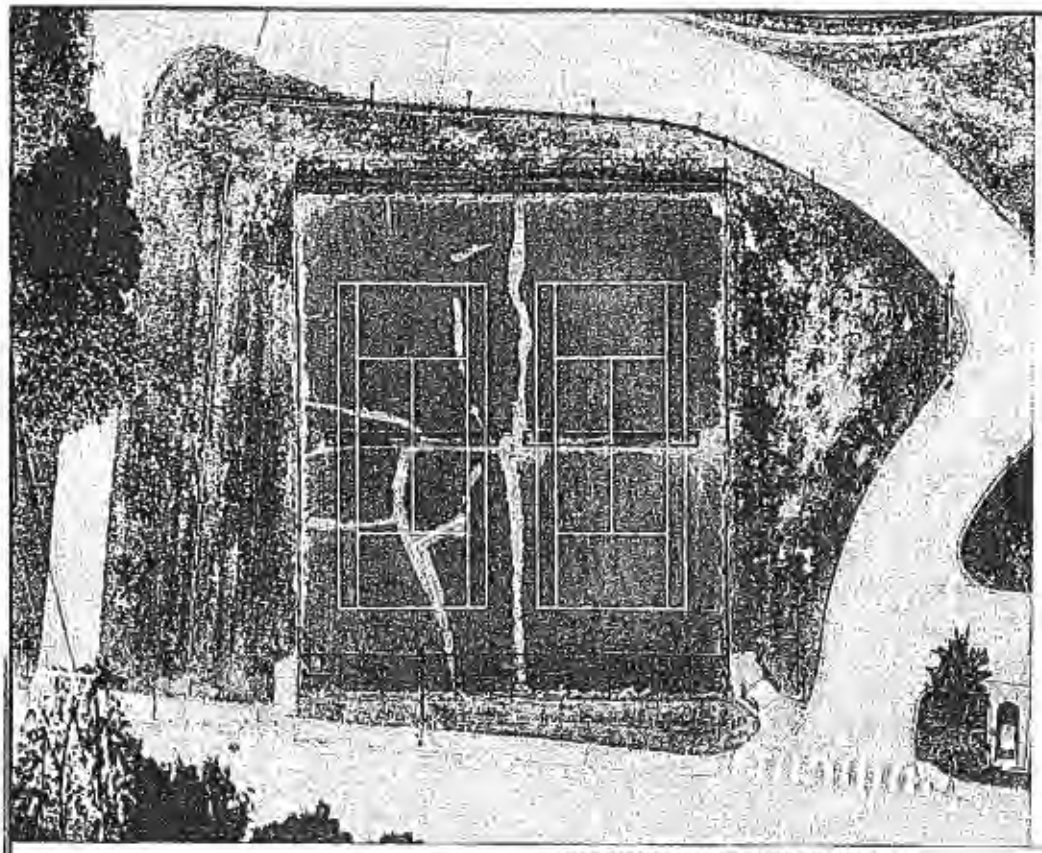
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THE TARKETT SPORTS FAMILY - LEADERS IN SPORTS SURFACING

TarkettSPORTS | FieldTurf | BEYNON | renner | GRASSMASTER | PLAYMASTER

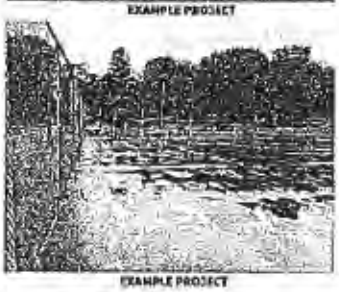




EXAMPLE PROJECT



EXAMPLE PROJECT



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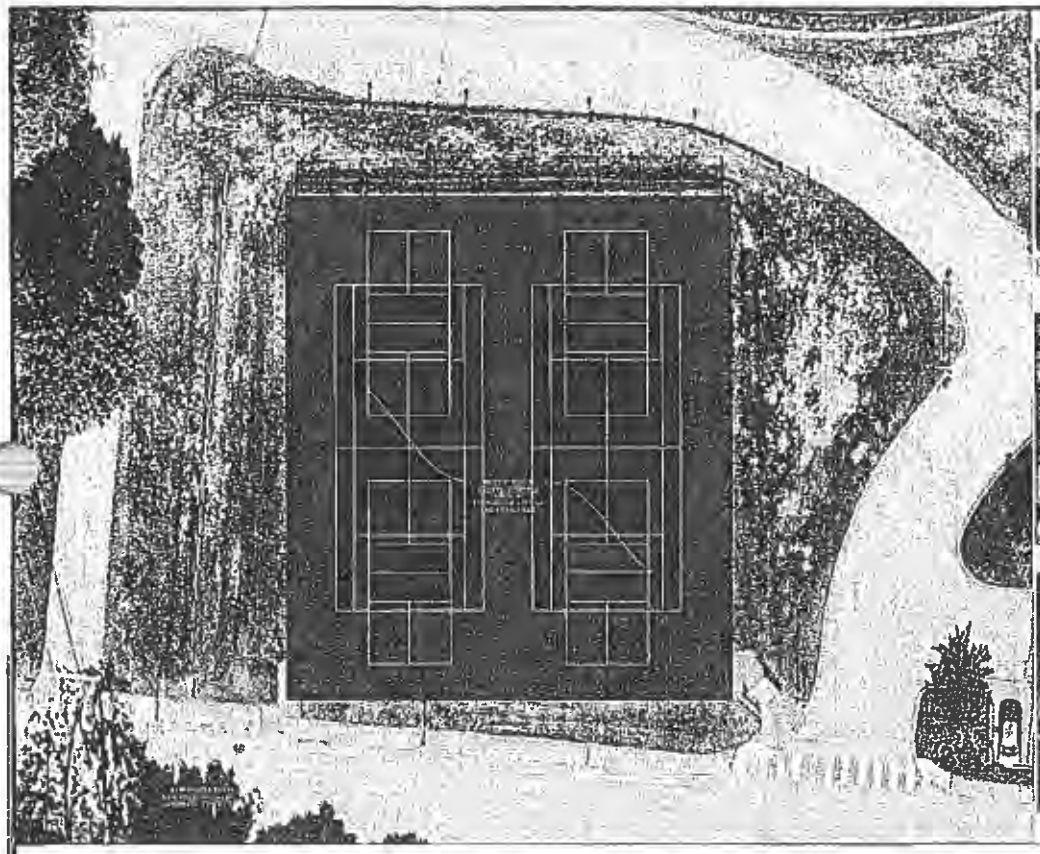
FieldTurf

QUAKER HILL ELEMENTARY COURT IMPROVEMENTS

BLOOMINGDALE ROAD
WATERTOWN, CONNECTICUT

DECEMBER 18, 2023

EXISTING

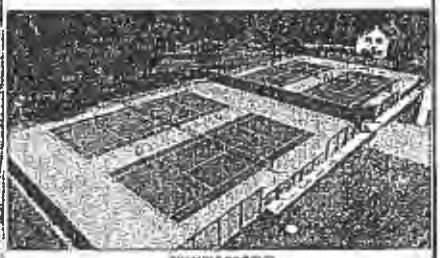




EXAMPLE PROJECT



EXAMPLE PROJECT



EXAMPLE PROJECT

FieldTurf
A Tarkett Sports Company

QUAKER HILL ELEMENTARY COURT IMPROVEMENTS

BLOOMINGDALE ROAD
WATERTOWN, CONNECTICUT

CONCEPT PLAN

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2026 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Recreation and Parks	CONTACT PERSON Ryan McNamara
PROJECT NAME Town Wide Playground Improvements	DEPARTMENT PRIORITY 1

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)	
	Town playgrounds located at Leary Park, Waterford Beach Park, and Dedrick Park require updated elements for residents. Accessibility to and from our parks and structures is vital in providing equittable services. These type of improvements increase property value and provide an attraction to bring business and activity to the area. Playgrounds are an essential piece of youth development and social interactions.	
2	PROJECT STATUS IF IN PROGRESS	
	Plans and estimates have been drafted.	
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST	
	Current plans for renovating court surfaces and accessibility in progress for 2025 at Leary Park. Perfromance Stage at Waterford Beach Park. There are no other capital plans expected at Dedrick park at this time.	
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)	
	Playgrounds will require the same inspection process and review that the current playscapes receive.	
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)	
	Currently researching	
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)	
	Initial pricing and scope	

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		178,772	143,031	112,963		
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	178,772	143,031	112,963	0	0

childscapes
playgrounds built for safety and fun

835 Plain Street
Unit 21
Marshfield, MA 02050
781-837-6412 Fax: 781-837-9229

Estimate

Date	Estimate #
2/1/2024	2024-005CT

Billing Address	Ship To
Waterford Parks & Recreation 15 Rope Ferry Road Waterford, CT 06385	Lisa Dedrick Memorial field 45 Dayton Road Waterford, CT 06385

Email Address	rmcnamara@waterfordct.org

Rep	Job Name	Customer Name	Customer Phone
NM	Lisa Dedrick	R McNamara	860-444-5881

Description	Qty	Rate	Total
Childscapes shall perform the following procedures in the construction of new Custom Play area at Lisa Dedrick Memorial Park, in Waterford, CT.			
1. Supply custom design 38-177342-2	1	45,006.00	**45,006.00**
2. Shipping and handling to Waterford, CT.	1	4,334.00	**4,334.00**
3. State contract discount 8.5% EG0030945.		-3,825.51	**-3,825.51**
4. Site preparation for approximately 780'.	1	2,697.00	**2,697.00**
5. Installation of Custom Playground equipment by Childscapes manufacturer trained and CPSI/NCPAI/OSHA certified installers.	1	50,834.00	**50,834.00**
6. Concrete for equipment footings.	1	2,500.00	**2,500.00**
7. Supply and install 50 yards of certified wood fiber safety surfacing and (1) layer of filter fabric			
Materials & freight.	1	1,500.00	**1,500.00**
Machinery and labor.	1	2,334.00	**2,334.00**
Fabric.	1	800.00	**800.00**
Disposal of existing mulch.	1	1,782.00	**1,782.00**
Dumpster.	1	1,667.00	**1,667.00**
Demo old labor.	1	3,334.00	**3,334.00**

1. Contractor/Customer is responsible for quantity and color confirmation.
2. Prices are valid for 30 days from date of Estimate and subject to review thereafter.
3. Installation, if quoted, excludes rock/excess debris removal and other unforseen conditions.

Subtotal	$112,962.49
Sales Tax (6.25%)	$0.00
Total	$112,962.49

Signature

Printed Name & Title

As titled, I am an authorized signer for the above named entity, empowered to execute this contract.

Phone #
781-837-6412

Estimate

childscapes
playgrounds built for safety and fun

835 Plain Street
Unit 21
Marshfield, MA 02050
781-837-6412 Fax: 781-837-9229

Date	Estimate #
2/1/2024	2024-005CT2

Billing Address	Ship To
Waterford Parks & Recreation 15 Rope Ferry Road Waterford, CT 06385	Leary Park 739 Vauxhall Street Waterford, CT 06385

Email Address	rmcnamara@waterfordct.org

Rep	Job Name	Customer Name	Customer Phone
NM	Leary Park	R McNamara	860-444-5881

Description	Qty	Rate	Total
Childscapes shall perform the following procedures in the construction of new Custom Play area at Leary Park, in Waterford, CT.			
1. Supply custom design 38-177341-2	1	69,967.00	69,967.00
2. Shipping and handling to Waterford, CT.	1	7,000.00	7,000.00
3. State contract discount 8.5% EG0030945.		-5,947.20	-5,947.20
4. Site preparation for approximately 4250 feet.	1	13,000.00	13,000.00
5. Installation of Custom Playground equipment by Childscapes manufacturer trained and CPSI/NCPAI/OSHA certified installers.	1	56,250.00	56,250.00
6. Concrete for equipment footings.	1	4,642.00	4,642.00
7. Supply and install 300 yards of certified wood fiber safety surfacing and (1) layer of filter fabric			
Materials & freight.	1	7,159.00	7,159.00
Machinery and labor.	1	4,900.00	4,900.00
Fabric.	1	800.00	800.00
Disposal of existing mulch.	1	8,000.00	8,000.00
Dumpster.	1	3,334.00	3,334.00
Demo old labor.	1	9,667.00	9,667.00

1. Contractor/Customer is responsible for quantity and color confirmation.
2. Prices are valid for 30 days from date of Estimate and subject to review thereafter.
3. Installation, if quoted, excludes rock/excess debris removal and other unforseen conditions.

Subtotal	$178,771.80
Sales Tax (6.25%)	$0.00
Total	$178,771.80

Signature

Printed Name & Title

As titled, I am an authorized signer for the above named entity, empowered to execute this contract.

Phone #
781-837-6412

childscapes
playgrounds built for safety and fun

835 Plain Street
Unit 21
Marshfield, MA 02050
781-837-6412 Fax: 781-837-9229

Estimate

Date	Estimate #
2/1/2024	2024-005CT3

Billing Address	Ship To
Waterford Parks & Recreation 15 Rope Ferry Road Waterford, CT 06385	Waterford Beach Park 317 Great Neck Road Waterford, CT 06385

Email Address	rmcnamara@waterfordct.org

Rep	Job Name	Customer Name	Customer Phone
NM	Waterford Bea	R McNamara	860-444-5881

Description	Qty	Rate	Total
Childscapes shall perform the following procedures in the construction of new Custom Play area at Waterford Beach Park, in Waterford, CT.			
1. Supply custom design 38-177343-3	1	60,754.00	**60,754.00**
2. Shipping and handling to Waterford, CT.	1	5,834.00	**5,834.00**
3. State contract discount 8.5% EG0030945.		-5,164.09	**-5,164.09**
4. Site preparation for approximately 3750 feet.	1	8,334.00	**8,334.00**
5. Installation of Custom Playground equipment by Childscapes manufacturer trained and CPSI/NCPAI/OSHA certified installers.	1	48,334.00	**48,334.00**
6. Concrete for equipment footings.	1	2,875.00	**2,875.00**
7. Supply and install 140 yards of certified wood fiber safety surfacing and (1) layer of filter fabric			
Materials & freight.	1	6,004.00	**6,004.00**
Machinery and labor.	1	3,925.00	**3,925.00**
Fabric.	1	800.00	**800.00**
Disposal of existing mulch.	1	6,334.00	**6,334.00**
Dumpster.	1	1,667.00	**1,667.00**
Demo old labor.	1	3,334.00	**3,334.00**

1. Contractor/Customer is responsible for quantity and color confirmation.
2. Prices are valid for 30 days from date of Estimate and subject to review thereafter.
3. Installation, if quoted, excludes rock/excess debris removal and other unforseen conditions.

Subtotal	$143,030.91
Sales Tax (6.25%)	$0.00
Total	**$143,030.91**

Signature

Printed Name & Title

As titled, I am an authorized signer for the above named entity, empowered to execute this contract.

Phone #
781-837-6412

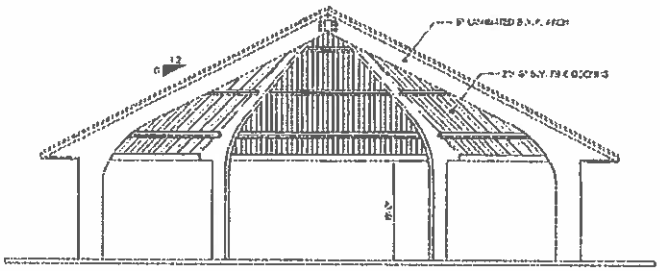
TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY	CONTACT PERSON
Recreation and Parks	Ryan McNamara
PROJECT NAME	**DEPARTMENT PRIORITY**
Waterford Beach Park Performance Stage	1

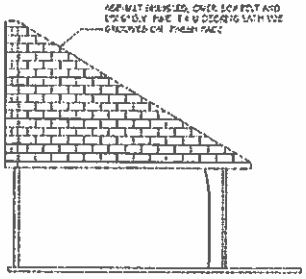
1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	In 2021, the exisiting stage structure was removed due to safety concerns. Since that time, R&P has borrowed temporary, panel staging for perfromance events. (Set up as 24' x 20'). Waterford Beach park is a sought after space for entertainers seeking to play in one of the largest venues in for public provided entertainment. The R&P Summer Concert Series, alone, attracts over 12,000 over the course of the season. This type of structure would help in providing adequate space and performance area for entertainment of various sizes and functions.
2	**PROJECT STATUS IF IN PROGRESS**
	Initial design concepts, considering aesthetics, acoustics, and functionality are under review.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	It will not be impacted, however, there is the garage project in planning stages and tennis court repairs planned
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	A structure would not require consistent set up and breakdown, alleviating risk management concerns, time saved through multiple staff to layout and set up
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	$35,000 designated for planning?
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Sample concept and estimates attached

7 **COST/FUNDING SOURCE**

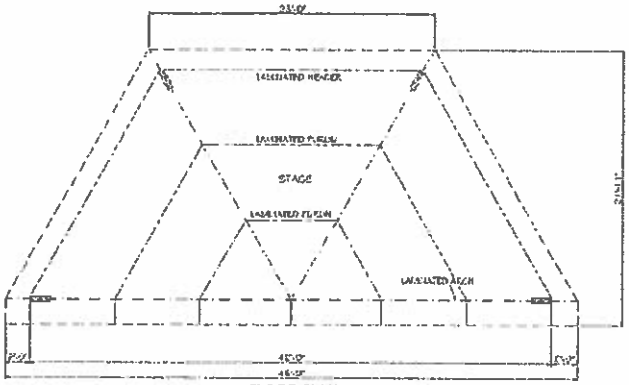
	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030
1	Current Year Capital		30,000			
2	Utility Budget/Sewer Cap Maint Fund					
3	Transfer to CNR					
4	Short/Long-term Bonds					
5	LoCIP (detail in section 5 above)					
6	CNR Undesignated Fund Balance					
7	Federal/State Grants (detail in section 5)					
8	Other Funding (detail in section 5 above)					
	TOTALS	0	30,000	0	0	0



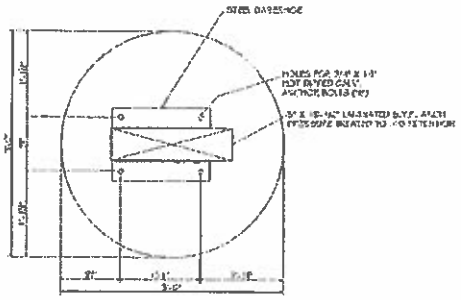
FRONT ELEVATION



RIGHT SIDE ELEVATION



FLOOR PLAN



CFP

PRELIMINARY
NOT FOR CONSTRUCTION

MODEL NUMBER: BARN9-1000 SHOWN WITH STANDARD OPTIONS

DESCRIPTION: Band 3 – Custom w/Out Walls

Possible Options: ☐ 29ga METAL ROOF ☐ METAL BARN BRACE ☐ LEAN-NEEDLE PROTECTION ☐ METAL STANDING SEAM ROOF ☐ STEEL CRUSHER ☐ 12 TUBE ROOF ☐ CEDAR SHINGLES ☐ STATION POOP PITCH ☐ CUPOLA

SHEET: 1 OF 1

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Recreation and Parks	CONTACT PERSON Ryan McNamara
PROJECT NAME Civic Triangle Improvements	DEPARTMENT PRIORITY 2

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The need to update parks with athletic field irrigation, lighting, accessibible pathways and park alterations can be justified for several reasons:

1. Safety and Quality of Life: Upgrading the playground ensures that children have a safe and enjoyable place to play, enhancing the quality of life for families in the community.
2. Physical Activity and Health: New athletic field irrigation allows for better maintenance, ensuring that the fields are playable year-round and encouraging physical activity among residents, which is vital for public health.
3. Sports Facilities: New tennis and basketball court surfaces provide opportunities for residents of all ages to engage in recreational and competitive sports, fostering physical fitness and community engagement.
4. Inclusivity: Modernizing the park can include features designed for people with disabilities, ensuring that everyone in the community has equal access to recreational opportunities.
5. Community Building: A well-maintained park serves as a focal point for the community, where residents can socialize, participate in events, and build a stronger sense of unity.
6. Economic Benefits: Improved parks can attract visitors, potentially boosting local businesses through

2 PROJECT STATUS IF IN PROGRESS

Estimates received for light pole demo and fence removal. Plan needed for walks and lighting to connect War Park - Courts - ballfield/playground - AHJ

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

Eventual transition of maintenance headquarters to WBP once plans finalized

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

Portable fencing will alleviate some of the trimming required at the fence lines. The removal of the fencing allows for multi-purpose events and activities at the park that the current fencing prohibits. Considering all of the activity and opportunity, scheduling of the areas will require a bit more coordination.

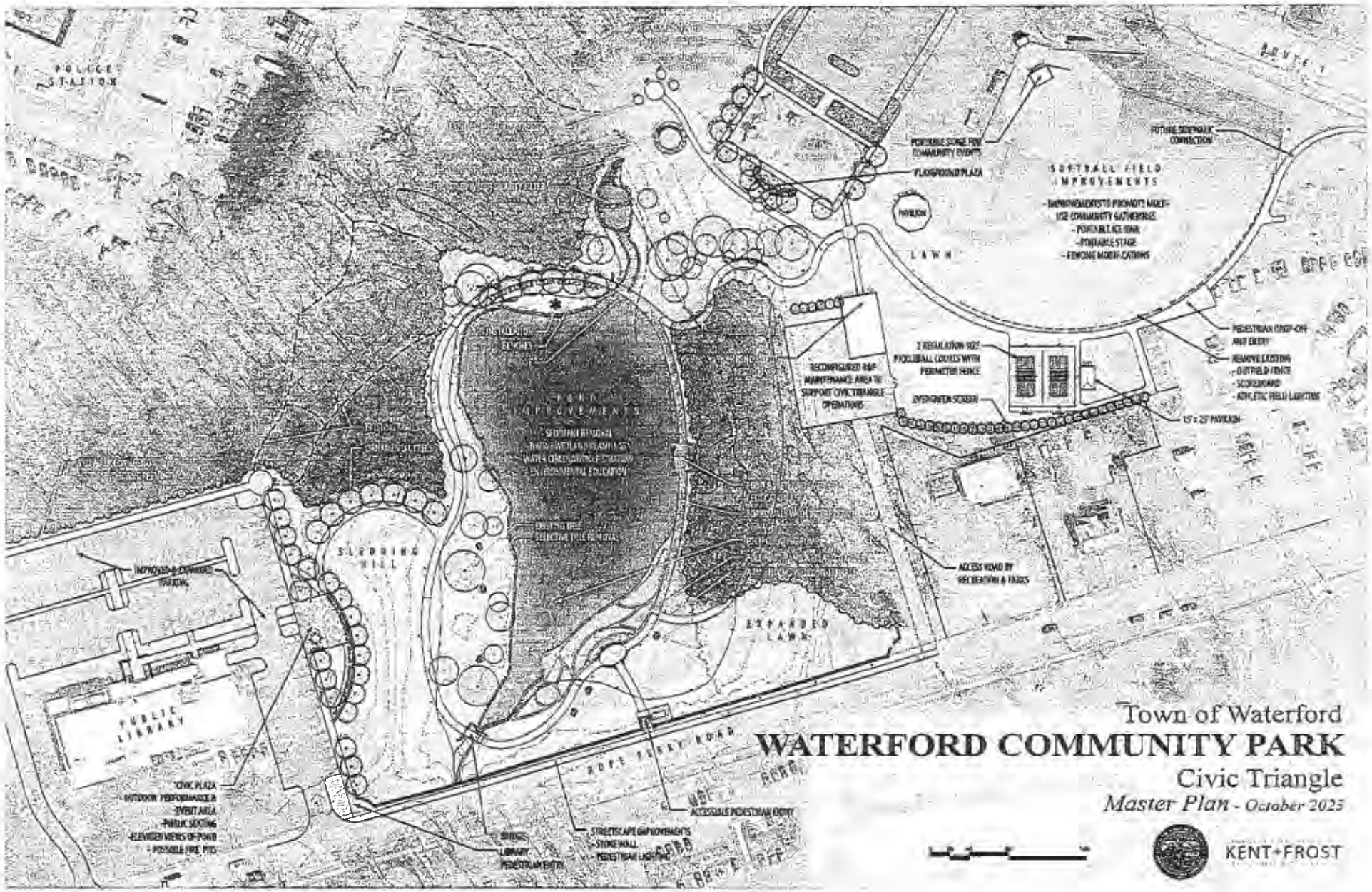
5 GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Plan needed for project

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital			50,000			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	0	50,000	0	0	0



Town of Waterford

WATERFORD COMMUNITY PARK

Civic Triangle

Master Plan - October 2023

KENT+FROST

Proposed Work Order

Suchocki & Son, Inc.
43 Hatchetts Hill Rd
Old Lyme, CT 06371

Date: September 12, 2023
CO #: Job #

Vendor:	Customer:
Suchocki & Son Inc. 43 Hatchetts Hill Rd Old Lyme, CT 06371 P- 860-889-2283	Town OF Waterford CT 15 Rope Ferry Rd Waterford CT Contact: Jonathan Mullen

Additional time:

Scope of Work to be Performed:

Removal of approximatley 690' of chain link fence around ball field
Excavate and remove concrete bases
Dispose of fence and concrete debris off site
Top soil and seed disturbed areas
Cut and remove (4) stadium lights excavcate and remove footings
Remove score board keep board in wokring condition

Qty	UNIT	Description	Unit Price	Line Total
1.00	LS	Cut and remove fence	$ 7,500.00	$ 7,500.00
1.00	LS	Fence disposal	$ 1,000.00	$ 1,000.00
1.00	LS	Excavate and dispose of concrete bases	$ 7,200.00	$ 7,200.00
1.00	LS	Topsoil and site restoration	$ 3,700.00	$ 3,700.00
4.00	ea	Disconnect/ Remove Stadium lighting	$ 3,600.00	$ 14,400.00
1.00	LS	Disconnect and dismantle score board	$ 1,650.00	$ 1,650.00
				$ -
				$ -
			Work Total	$ 35,450.00
			Sales Tax	
			Subtotal	$ 35,450.00
			10%	
			Total	$ 35,450.00

*Additional 10% applied to all change orders for small materials overhead

Authorized by *Date*

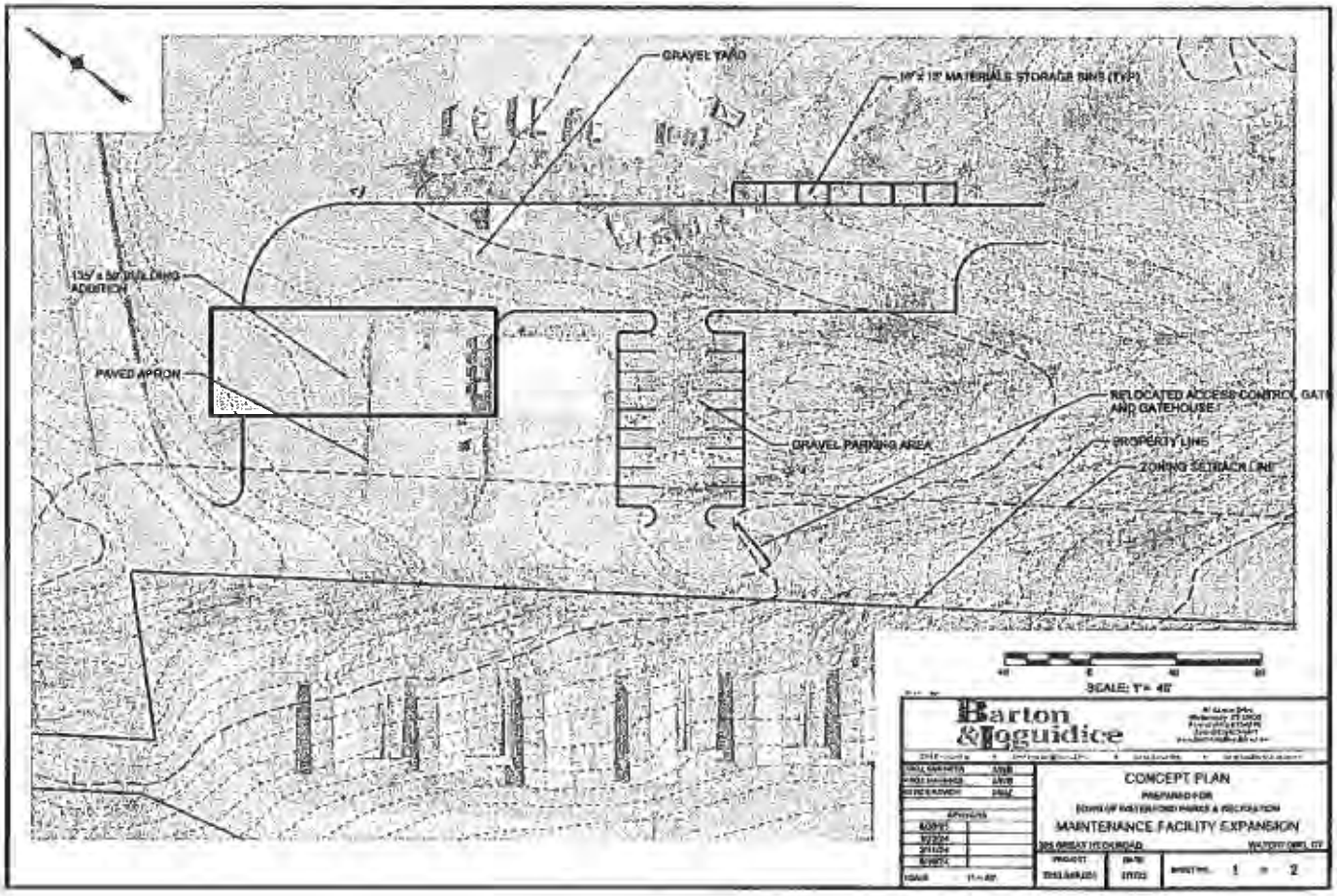
Phone: (860) 889-2283 Fax: (860) 536-8240 e-mail: justdigit@sbcglobal.net

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Recreation and Parks	CONTACT PERSON Ryan McNamara
PROJECT NAME Equipment Storage/Garage Plan	DEPARTMENT PRIORITY 2

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)
	Update and renovation to the Waterford Beach Park garage to replace the full use of the garage located inside the Civic Triangle. The current location of the garage does not allow for continued park improvements and offerings. The loss of storage and operation of the garage will be restored at the WBP site. This intent is to provide adequate storage and cover for our equipment and machines, while also providing a suitable place for the maintainers to work on projects and discuss projects.
2	PROJECT STATUS IF IN PROGRESS
	Barton and Loguidice have been developing the plan and meeting with Town staff for review along the way.
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST
	The Utitlity Department is currently peforming a sewer project within the park.
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)
	Expected monetary savings in long term upkeep and maintenance with proper protection and storage of machinery and equipment. New homebase location may alter previous schedules but will be modified to find most efficient operation
5	GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)
	N/A
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)
	Plan in progress. Once plan is complete, concept drawings and estimates to finish the project will be submitted for approvals.
7	COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2025	FY2026	FY2027	FY2028	FY2029
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	0	0	0	0	0

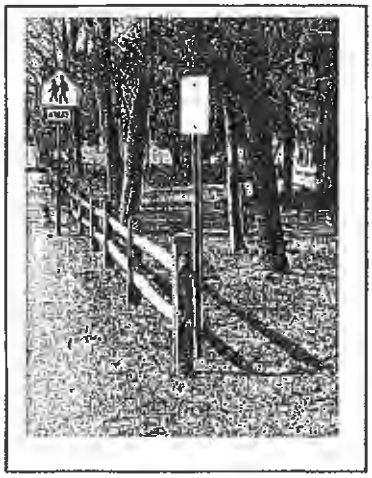

GRAVEL YARD
10' x 12' MATERIALS STORAGE BINS (TYP.)
135' x 50' BUILDING ADDITION
PAVED APRON
RELOCATED ACCESS CONTROL GATE AND GATEHOUSE
GRAVEL PARKING AREA
PROPERTY LINE
ZONING SETBACK LINE
SCALE: 1" = 40'
Barton & Loguidice
CONCEPT PLAN
PREPARED FOR
TOWN OF WATERFORD PARKS & RECREATION
MAINTENANCE FACILITY EXPANSION
305 GREAT ROAD
WATERFORD, NY
PROJECT
DATE
SHEET NO. 1 OF 2

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

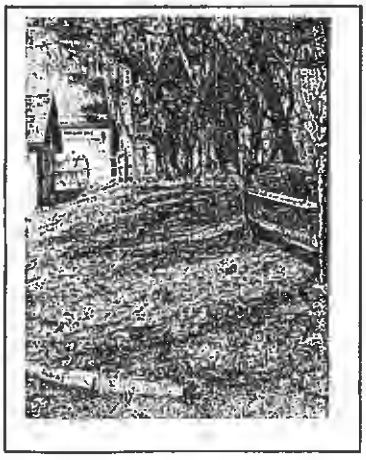
DEPARTMENT/AGENCY Recreation and Parks	CONTACT PERSON Ryan McNamara
PROJECT NAME Jordan Park House Parking Lot Improvements	DEPARTMENT PRIORITY 4

1	DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)
	Enlarging a parking lot to allow for accessible parking and emergency access and egress is an important step in ensuring that everyone can safely and easily access the facilities. Here are some reasons why enlarging a parking lot for these purposes is a good idea: 1. Compliance with the Americans with Disabilities Act (ADA): The ADA requires that all public facilities, including parking lots, be accessible to people with disabilities. Enlarging the parking lot to allow for more accessible parking spaces is one way to ensure that the facility is compliant with the ADA standards1. 2. Increased accessibility: Enlarging the parking lot to allow for more accessible parking spaces makes the facility more accessible to people with disabilities, including those who use wheelchairs or other mobility devices. This can help to increase the number of visitors to the facility and make it a more inclusive space for everyone1. 3. Improved safety: Enlarging the parking lot to allow for emergency access and egress can help to improve safety in the facility by providing a clear path for emergency vehicles to enter and exit the area. This can help to prevent accidents and injuries, especially in the event of an emergency2. 4. Enhanced visitor experience: Enlarging the parking lot to allow for more accessible parking spaces can enhance the visitor experience by making it easier for people to navigate the facility and use its amenities. This can help to create a more positive experience for visitors and encourage them to return to the facility in the future3. In conclusion, enlarging a parking lot to allow for accessible parking and emergency access and egress is a smart investment that can help to improve safety, accessibility, and visitor experience.
2	PROJECT STATUS IF IN PROGRESS
3	LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST
4	DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)
5	GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)
6	ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)
	Plan cost $8,500 to peform scope
7	COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital			8,500			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	0	8,500	0	0	0







Jordan Park Parking Lot Improvements

The Recreation and Parks department is reviewing options for increasing accessibility and available parking to the residents of Waterford.

The past few years have seen increased events and attention to the Jordan Park Green. Recreation and Parks, Youth & Family Services, the Historical Society, and Library have all held events and plan to continue to do so in the future to provide crucial services and attractions to the general public.

The one constant issue that is received is the accessible parking and overall lack of available parking.

The attached pictures show the consistent theme of split rail fencing showcased throughout the property.

The rocks in front of the parking lot previously served as a marking point for boundaries. The collaboration between the entities that use the grounds allows for improvements and alterations of existing town agreements in terms of property line, Right of Way, etc. have been discussed with Planning and Zoning as well as Public Works

The plan would be to repurpose the stones along the end of the parking lot and around the backside of the building to better preserve the property. A clean rebuilt wall will serve as a retention against the grade of the property to help eliminate runoff to the Jordan Park House or property in general.

The repurposing of the rocks allows for increased parking and identification/delineation of spaces for accessible parking.

Referring to the pictures, there is area in front and behind the rocks that could be available spaces.

I am meeting with Jim Ericson from Lenard Engineering on March 16th to formalize a plan that I can present to the Historical Property Commission once received.

We receive compliments on the updates and fencing on a regular basis and hope to update trash receptacles before the end of the fiscal year.

Please reach out with any comments or questions as we work towards a collaborative vision that speaks to all members of the community.

HALEY WARD.

ENGINEERING | ENVIRONMENTAL | SURVEYING

March 17, 2023

Mr. Ryan McNamara, Director
Town of Waterford Recreation and Park Commission
15 Rope Ferry Road
Waterford, CT 06385
Email: rmcnamera@waterfordct.org

Re: Proposal for Professional Services, Parking Lot Improvements at 65 Rope Ferry Road, Waterford, CT

Dear Mr. McNamara:

As requested, Haley Ward, Inc. is pleased to provide this proposal. As discussed, the Town would like to enlarge the existing parking lot at this property, remove and repurpose the stone wall on site, and provide parking lot striping for this lot.

SCOPE OF SERVICES

1) Record Research - We will conduct land record research and obtain available mapping and deeds for this parcel. We have assumed a current boundary survey is on file, and we will attempt to tie into the best available boundary mapping as part of our work.

2) Field Survey – We will conduct a field survey, and locate visible boundary markers, approximate edges of parking areas, stone walls, pathways, building corners, and other items that impact design. We will prepare a base map at an acceptable scale, for use in design.

3) Design Plans- Parking Lot Improvements- We will design an enlarged park lot, show removal and potential repurposing of the existing stone wall, parking lot striping, handicap parking designations and other features.

2210 Main Street, P.O. Box 1088, Glastonbury, CT 06033
T: 860.659.3100 | HALEYWARD.COM

Acceptance and Authorization to Proceed on behalf of "company":

Signature: _____ Billing Address: _____

Printed Name: _____ City/State/ZIP: _____

Date: _____ Email (Optional): _____

Phone: _____ Fax: _____

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Recreation and Parks	CONTACT PERSON Ryan McNamara
PROJECT NAME Athletic Field Irrigation - Leary	DEPARTMENT PRIORITY 4

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Installing an irrigation system at Leary Park in Waterford, CT, would ensure efficient water management, promoting healthier, more sustainable landscaping. With consistent and targeted watering, the system would reduce water waste, enhance the park's aesthetic appeal, and help maintain the vitality of lawns and plantings throughout the seasons. Additionally, an irrigation system would support the park's environmental goals by conserving water resources while ensuring the park remains a welcoming and well-maintained space for visitors year-round.
2	**PROJECT STATUS IF IN PROGRESS**
	Rough designs have been drawn up for sprinkler locations at each field and hook ups to exisiting water source
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	Current plans for renovating court surfaces and accessibility in progress for 2025
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	A secondary meter would be installed to offset any water used for the irrigation. The ebenfits should be seen in less material in teerms of seed and fertilizer to help maintain safe playing surfaces.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Figure used as an estimate. Pricing to be established with plan and vendor.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2026	FY2027	FY2028	FY2029	FY2030
1	Current Year Capital					150,000	
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	0	0	0	150,000	0

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:							
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
								-
								-
1	Eaton UPS Battery/Unit Replace	1	28,822	25,978				54,800.00
2	Server Upgrade Replacement	1	110,052					110,052.00
3	Wireless Upgrade/Replace	1	9,761	11,767				21,528.00
4	Phone System Replacements	1		74,774				74,774.00
5	Computer Replacements	1		28,168	28,168	28,168		84,504.00
6	Firewall Upgrade/Replace	1			13,265			13,265.00
								-
								-
								-
								-
	TOTALS		148,635.00	140,687.00	41,433.00	28,168.00		358,923.00

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY IT Department	**CONTACT PERSON** Jeffrey Robillard
PROJECT NAME Eaton UPS Battery/Unit Replacement	**DEPARTMENT PRIORITY** 1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Dispatch and Police data rooms both have Eaton full room UPS units. Eaton has recently switched maintenance support companies for the Connecticut area and they have informed us of a highly recommended service schedule for battery replacment within the units as well as replacing the entire units prior to an end of life/end of service date. For FY27 we are required to replace the batteries in the Dispatch Unit at a cost of $28,822.00. FY28 we need to replace the batteries in the Police Unit at a cost of $25,978.00. In 2033 both units will be end of life/end of support, so in FY32 expect a request for $120,000 to replace both units completely with the equivalent model for at that time.
2	**PROJECT STATUS IF IN PROGRESS**
	N/A
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	N/A
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	No Impact
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	N/A
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Documents from Eaton attached.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		28,822	25,978			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**28,822**	**25,978**	**0**	**0**	**0**

Powering Business Worldwide

Quote: Dispatch EOC Battery Replacement in 2027.

Date: 11/7/25

Site Contact:

Town of Waterford
15 Rope Ferry Rd
Waterford, CT 06385
Jeffrey Robillard
860-442-0553
jrobillard@waterfordct.org

Doug Riccio,
Bates & Associates
154 West Grove Street
Middleboro, MA 02346
339-788-1551
driccio@batesandassociates.net

Eaton Corporation terms and conditions (Eaton Corp. Service Agreement T-0 attachment) govern this proposal, and any purchase order submitted to Eaton pursuant thereto. Additional or different terms proposed by Buyer, whether in its purchase order or otherwise, shall not be binding upon Eaton Corporation and are hereby rejected unless expressly agreed to in writing by Eaton Corporation.

Serial Number	Model Description	Battery Type, Quantity
BH293KXX07	9355-20-30KVA	Internal Trays, 6 Trays External, 72 Batteries

Turnkey Battery Replacement Cost for Dispatch UPS for 2027

Budgetary Net Price: $28,822.00

Includes:

New Eaton Brand Batteries, freight (dock to dock only), removal and EPA approved disposal of old batteries, and 5x8 business hours installation. See attachment R-11

Batteries carry a 1 year full 2-year parts warranty. See attachment W-1

Notes:

Freight is for DOCK-TO-DOCK delivery. If your delivery requires a lift-gate truck or special INSIDE DELIVERY, there will be additional costs. Please advise before purchase.

Please refer to the Scopes of Work (SOW) for descriptions of service coverage and exclusions.

- Important Tax Notice: Tax is not included in the above purchase price. All orders will be subject to all applicable sales tax unless a current tax exemption certificate is on file covering the state shown in the ship-to address or service equipment location.
- Attach a copy of your company's PO made out to Eaton Corporation 29085 Network Place Chicago, IL 60673 referencing Quote# and listing payment terms as **Net 30**.
- Email to driccio@batesandassociates.net or fax both documents to 508-946-9395.
- If you have a UPS Emergency or would like to schedule a PM, please dial Eaton's 24/7 Customer Reliability Center at 800-843-9433 and have your 10-digit UPS Serial Number available.
- Eaton Corporation cannot be held liable, and Buyer shall not be entitled to any damages and/or indemnifications, in case Eaton Corporation is prevented, hindered or delayed from or in performing any of its obligations resulting from the impact of the outbreak of COVID-19 for reasons not attributable to Eaton Corporation.

Did you know? Eaton has PredictPulse remote monitoring and a suite of professional assessment and testing services (Load Bank, IR Scan, PQ Meter) that take traditional preventive maintenance to the next level by proactively identifying issues for greater peace of mind. Learn more at Eaton.com/UPSservices

Powering Business Worldwide

Accepted By:	Name	Title	Date	Purchase Order Number

Print Name:

Did you know? Eaton has PredictPulse remote monitoring and a suite of professional assessment and testing services (Load Bank, IR Scan, PQ Meter) that take traditional preventive maintenance to the next level by proactively identifying issues for greater peace of mind. Learn more at Eaton.com/UPSservices

Powering Business Worldwide

Quote: PD Battery Replacement in 2028.

Date: 11/7/25

Site Contact:

Town of Waterford
15 Rope Ferry Rd
Waterford, CT 06385
Jeffrey Robillard
860-442-0553
jrobillard@waterfordct.org

Doug Riccio,
Bates & Associates
154 West Grove Street
Middleboro, MA 02346
339-788-1551
driccio@batesandassociates.net

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Serial Number	Model Description	Battery Type, Quantity
BM231KXX02	9355-20-30KVA	Internal Trays, 6 Trays External, 36 Batteries

Turnkey Battery Replacement Cost for PD UPS for 2028.

Budgetary Net Price: $25,978.00

Includes:

New Eaton Brand Batteries, freight (dock to dock only), removal and EPA approved disposal of old batteries, and 5x8 business hours installation. See attachment R-11

Batteries carry a 1 year full 2-year parts warranty. See attachment W-1

Notes:

Freight is for DOCK-TO-DOCK delivery. If your delivery requires a lift-gate truck or special INSIDE DELIVERY, there will be additional costs. Please advise before purchase.

Please refer to the Scopes of Work (SOW) for descriptions of service coverage and exclusions.

- Important Tax Notice: Tax is not included in the above purchase price. All orders will be subject to all applicable sales tax unless a current tax exemption certificate is on file covering the state shown in the ship-to address or service equipment location.
- Attach a copy of your company's PO made out to Eaton Corporation 29085 Network Place Chicago, IL 60673 referencing Quote# and listing payment terms as **Net 30**.
- Email to driccio@batesandassociates.net or fax both documents to 508-946-9395.
- If you have a UPS Emergency or would like to schedule a PM, please dial Eaton's 24/7 Customer Reliability Center at 800-843-9433 and have your 10-digit UPS Serial Number available.
- Eaton Corporation cannot be held liable, and Buyer shall not be entitled to any damages and/or indemnifications, in case Eaton Corporation is prevented, hindered or delayed from or in performing any of its obligations resulting from the impact of the outbreak of COVID-19 for reasons not attributable to Eaton Corporation.

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Powering Business Worldwide

Accepted By:	Name	Title	Date	Purchase Order Number

Print Name:

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Powering Business Worldwide

Quote: End of Life UPS Replacements in Year 2033, with new UPS's.

Date: 11/7/25

Site Contact:

Town of Waterford
15 Rope Ferry Rd
Waterford, CT 06385
Jeffrey Robillard
860-442-0553
jrobillard@waterfordct.org

Doug Riccio,
Bates & Associates
154 West Grove Street
Middleboro, MA 02346
339-788-1551
driccio@batesandassociates.net

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Budgetary Quote to purchase two new UPS's like for like with updated technology in 2033.

Budgetary Net Price for two units: $120K, not including installation by your local electrician.

Includes:
2x Eaton UPS systems rated at 20 & 30KVA, with battery backup.

Please refer to the Scopes of Work (SOW) for descriptions of service coverage and exclusions.

- Important Tax Notice: Tax is not included in the above purchase price. All orders will be subject to all applicable sales tax unless a current tax exemption certificate is on file covering the state shown in the ship-to address or service equipment location.
- Attach a copy of your company's PO made out to *Eaton Corporation 29085 Network Place Chicago, IL 60673* referencing Quote# and listing payment terms as **Net 30**.
- Email to driccio@batesandassociates.net or fax both documents to 508-946-9395.
- If you have a UPS Emergency or would like to schedule a PM, please dial Eaton's 24/7 Customer Reliability Center at 800-843-9433 and have your 10-digit UPS Serial Number available.
- Eaton Corporation cannot be held liable, and Buyer shall not be entitled to any damages and/or indemnifications, in case Eaton Corporation is prevented, hindered or delayed from or in performing any of its obligations resulting from the impact of the outbreak of COVID-19 for reasons not attributable to Eaton Corporation.

Accepted By: Name Title Date Purchase Order Number

Print Name:

Did you know? Eaton has PredictPulse remote monitoring and a suite of professional assessment and testing services (Load Bank, IR Scan, PQ Meter) that take traditional preventive maintenance to the next level by proactively identifying issues for greater peace of mind. Learn more at Eaton.com/UPSservices

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2026 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY IT DEPARTMENT	**CONTACT PERSON** JEFFREY ROBILLARD
PROJECT NAME SERVER UPGRADE REPLACEMENT	**DEPARTMENT PRIORITY** 2

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This is a request is for three servers to replace the three current aging hosts that provide the on premise virtual server infrastructure for the town. It is vital that all the hosts have identical hardware and versioning to ensuring the virtual servers can migrate from one host to another without compatibility issues, and thus they need to be replaced all at the same time. These hosts will provide the backbone of our virtual infrastructure for another 6 years. This is the 2nd request for this project as it was half funded in FY26. Also part of this is to replace 3 of our physical servers that act as our physical active directory domain controllers in different buildings.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	We are not expecting any increase or decrease in the IT operating budget with this request.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	88,500	110,052				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**88,500**	**110,052**	**0**	**0**	**0**	**0**

TOTAL COMMUNICATIONS

M8 Server Core Count Upgrade & Microsoft Data Center Licensing FY 2026

QUOTE # 002030 V3

PREPARED FOR

Waterford, Town Of

PREPARED BY

Eric Moore

TOTAL COMMUNICATIONS

Statement of Work

Scope still to be developed, labor covered by Platinum Service Plan (PSP)

Server Refresh

Description	Price	Qty	Ext. Price
Cisco UCS Hosts 3yrs SMARTnet (does not include VMware vSphere licenses)			
UCS M8 RACK MLB	$0.00	1	$0.00
Cisco Intersight SaaS	$0.00	1	$0.00
Intersight - Virtual adopt session http://cs.co/requestCSS	$0.00	1	$0.00
UCS Central Per Server - 1 Server License	$0.00	3	$0.00
Cisco Support Standard for DCM	$0.00	1	$0.00
Infrastructure Services SaaS/CVA - Essentials	$430.77	3	$1,292.31
UCS C240 M8 Rack w/o CPU, mem, drives, 2U w SFF backplane	$4,870.67	3	$14,612.01
3yrs SNTC-8X5XNBD UCS C240 M8 Rack wo CPU, mem, drives, 2U	$3,007.62	3	$9,022.86
C245 M8 2U Riser3 Filler Blank, Non-Perforated	$0.00	3	$0.00
UCS C-Series M7 SFF drive blanking panel	$0.00	72	$0.00
C240M8SFF NVMe cable for drive 21-24 (P2)	$0.00	3	$0.00
UCS C240 M8 Riser 1A PCIe Gen5 (x8, x16, x8)	$658.10	3	$1,974.30
1200w AC Titanium Power Supply for C-series Rack Servers	$399.79	6	$2,398.74
Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	$0.00	6	$0.00
96GB DDR5-6400 RDIMM 2Rx4 (24Gb)	$2,893.26	24	$69,438.24
C240M8 Boot Raid Controller for Hot-swap M.2s by riser 3	$407.17	3	$1,221.51
Cisco-Intel X710T4LG 4x10 GbE RJ45 PCIe NIC	$996.81	3	$2,990.43
Cisco-Emulex LPe35002-M2-2x32GFC Gen 7 PCIe HBA	$3,586.28	3	$10,758.84
240GB M.2 SATA Micron G2 SSD	$603.92	6	$3,623.52
TPM 2.0 TCG FIPS140-2 CC+ Cert M7 Intel MSW2022 Compliant	$40.18	3	$120.54
Ball Bearing Rail Kit for C220 & C240 M7/M8 rack servers	$166.36	3	$499.0
IMC SW (Recommended) latest release for C-Series Servers.	$0.00	3	$0.00

Spec Sheet

Cisco UCS C240 M8 SFF Rack Server

A printed version of this document is only a copy and not necessarily the latest version. Refer to the following link for the latest released version:

https://www.cisco.com/c/en/us/products/servers-unified-computing/ucs-c-series-rack-servers/datasheet-listing.html



CISCO SYSTEMS
170 WEST TASMAN DR
SAN JOSE, CA, 95134
WWW.CISCO.COM

PUBLICATION HISTORY

REV A.12 DECEMBER 18, 2025

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OVERVIEW

The Cisco UCS C240 M8 SFF Rack Server extends the capabilities of Cisco's Unified Computing System portfolio in a 2U form factor with the Intel® Xeon® 6 Scalable Processors, 16 DIMM slots per CPU for DDR5-6400 Memory DIMMs with DIMM capacity points up to 256GB.

The Cisco UCS C240 M8 SFF Rack Server harnesses the power of the latest Intel® Xeon® 6 Scalable Processors and offers the following:

CPU: Up to 2x Intel® Xeon® 6 Scalable Processors with up to 86 cores per processor.

Memory: Up to 8TB with 32 x 256GB DDR5-6400 DIMMs, in a 2-socket configuration with Intel® Xeon® 6 Scalable Processors.

The server provides an internal slot for one of the following:

- Cisco 24G Tri-mode RAID controller with cache backup to control SAS/SATA/NVMe drives **or**
- Cisco 24G Tri-mode Pass-through HBA to control SAS/SATA/NVMe

mLOM: The UCS C240 M8 SFF Rack Server has a single integrated 1GBE management port. A modular LAN on motherboard (mLOM)/OCP 3.0 slot provides various connectivity options from 10GbE to 200GbE.

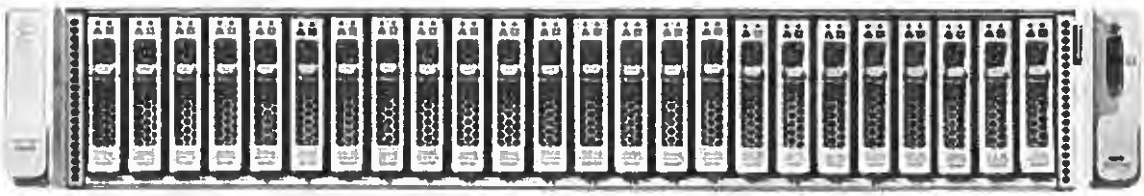
The Cisco UCS C240 M8 SFF Rack Server can be used standalone, or as part of the Cisco Unified Computing System, which unifies computing, networking, management, virtualization, and storage access into a single integrated architecture, enabling end-to-end server visibility, management, and control in both bare metal and virtualized environments.

See *Figure 1 on page 3* for front and rear views of the UCS C240 M8 SFF Rack Server.

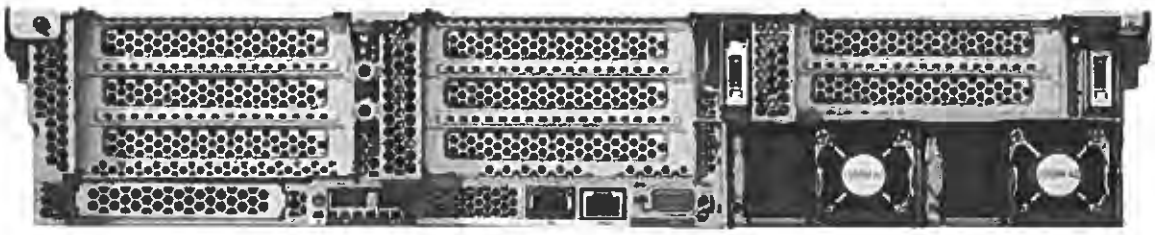
Figure 1 Cisco UCS C240 M8 SFF Rack Server

Up to 24 front facing SFF SAS/SATA HDDs or SAS/SATA SSDs or NVMe SSDs (optionally up to 8 of the slots can be direct-attach NVMe)

Front View (all slots shown unpopulated - see *Figure 2 on page 4* for details)



Rear View (all slots shown unpopulated - see *Figure 3 on page 5* for details)

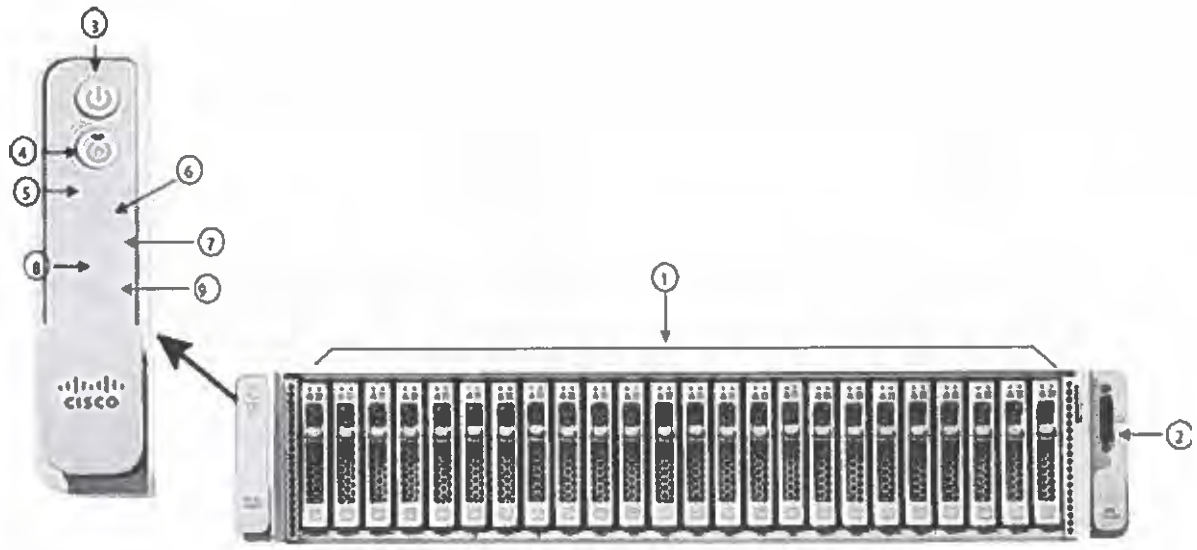


DETAILED VIEWS

Chassis Front View

Figure 2 shows the front view of rack server configured with 24 front drives.

Figure 2 Chassis Front View



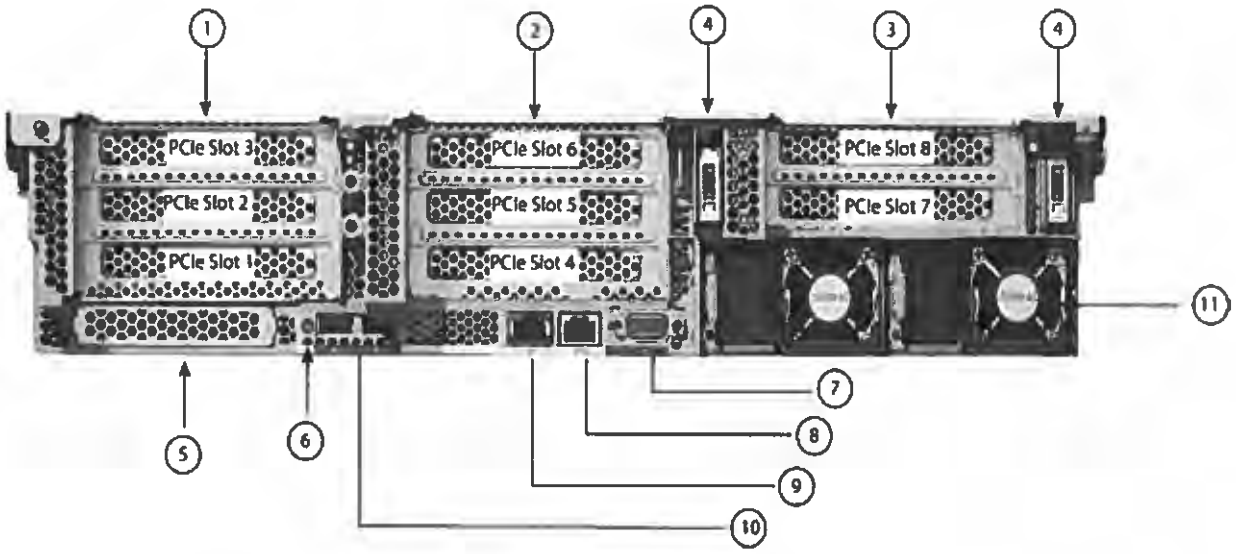
1	Drive bays 1 - 24 supports up to 24 front facing SFF SAS/SATA HDDs or SAS/SATA SSDs or U.3 NVMe SSDs with tri-mode RAID controller (optionally slots 1-4 and 21-24 can be direct-attach NVMe).	6	Fan status LED
2	KVM connector (used with KVM cable that provides two USB 2.0, one VGA, and one serial connector)	7	Temperature status LED
3	Power button/Power status LED	8	Power supply status LED
4	Unit Identification button/LED	9	Network link activity LED
5	System status LED	-	-

Chassis Rear View

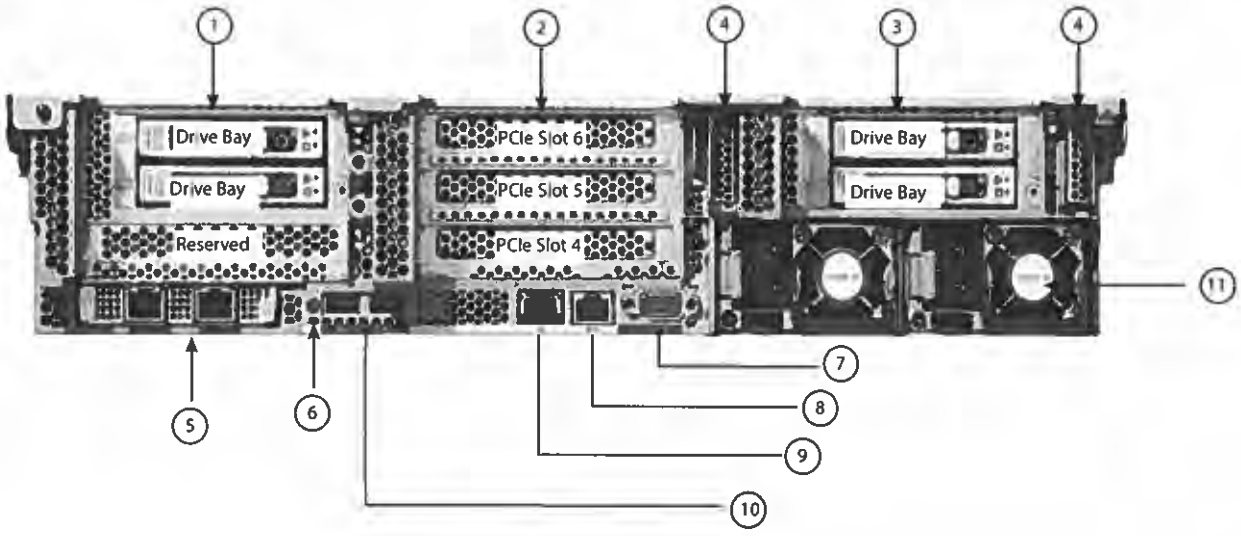
Figure 3 shows the external features of the rear panel.

Figure 3 Chassis Rear View

I/O- Centric



Storage - Centric



1	There are three Riser 1 options: **Riser 1A (I/O-centric, Gen 5, CPU1 control)** Supports three Gen 5 PCIe slots: ■ Slot 1 is full-height, 3/4 length, x8, NCSI, single wide GPU ■ Slot 2 is full-height, full-length, x16, NCSI, single/double wide GPU ■ Slot 3 is full-height, full-length, x8, no NCSI, single wide GPU **Riser 1B (storage-centric, CPU1 control)** Supports two drive bays: ■ Slot 1 is reserved ■ Drive bay 102, x4, SAS/SATA/NVMe ■ Drive bay 101, x4, SAS/SATA/NVMe **Riser 1C (I/O-centric, Gen 5, CPU1 control)** Supports two Gen 5 PCIe slots: ■ Slot 1 is full-height, 3/4 length, x16, NCSI, single wide GPU ■ Slot 2 is full-height, full-length, x16, no NCSI, single/double wide GPU	7	VGA display port (DB15 connector)
2	There are two Riser 2 options: **Riser 2A (I/O-centric, Gen 5, CPU2 control)** Supports three Gen 5 PCIe slots: ■ Slot 4 is full-height, 3/4 length, x8, NCSI, single wide GPU ■ Slot 5 is full-height, full-length, x16, NCSI, single/double wide GPU ■ Slot 6 is full-height, full length, x8, no NCSI, single wide GPU **Riser 2C (I/O-centric, Gen 5, CPU2 control)** Supports two Gen 5 PCIe slots: ■ Slot 4 is full-height, 3/4 length, x16, NCSI, single wide GPU ■ Slot 5 is full-height, full-length, x16, no NCSI, single/double wide GPU	8	COM port (RJ45 connector)
3	There are three Riser 3 options **Riser 3A (I/O-centric, CPU2 control)** Supports two PCIe slots: ■ Slot 7 is full-height, full-length, x8, no NCSI, single wide GPU ■ Slot 8 is full-height, full-length, x8, no NCSI, single wide GPU **Riser 3B (storage-centric, CPU2 control)** Supports two drive bays: ■ Drive bay 104, x4, SAS/SATA/NVMe ■ Drive bay 103, x4, SAS/SATA/NVMe **Riser 3C (for GPU, CPU2 control)** Supports one PCIe Slot: ■ Slot 7 is one full-height, full-length, x16, no NCSI, double wide GPU ■ Slot 8 is blocked by double wide GPU (not used)	9	1 GbE dedicated Ethernet management port
4	Drive bays 243 and 244, support SATA M.2 drives or hot-swappable M.2	10	USB 3.0 ports (two)
5	Modular LAN on motherboard (mLOM)/OCP 3.0 slot or hot-swappable M.2 module (drive bays 241 and 242).	11	Power supplies (two)
6	System ID pushbutton/LED	-	-

BASE SERVER STANDARD CAPABILITIES and FEATURES

Table 1 lists the capabilities and features of the base server. Details about how to configure the server for a particular feature or capability (for example, number of processors, disk drives, or amount of memory) are provided in *CONFIGURING the SERVER, page 10*.

Table 1 Capabilities and Features

Capability/Feature	Description
Chassis	Two rack unit (2RU) chassis
CPU	■ One or two Intel® Xeon® 6 Scalable Processors ■ Each CPU has 8 channels with up to 2 DIMMs per channel, for up to 16 DIMMs per CPU ■ UPI Links: Up to 4 at 24GT/s
Memory	■ 32 total DDR5-6400 MT/s DIMM slots with Intel® Xeon® 6 Scalable Processors (16 per CPU) ■ Up to 16x MRDIMM 8000MT/s
Video	The Cisco Integrated Management Controller (CIMC) provides video using the Matrox G200e video/graphics controller: ■ Integrated 2D graphics core with hardware acceleration ■ Embedded DDR memory interface supports up to 512 MB of addressable memory (8 MB is allocated by default to video memory) ■ Supports display resolutions up to 1920 x 1200 16bpp @ 60Hz ■ High-speed integrated 24-bit RAMDAC ■ Single lane PCI-Express host interface running at Gen 1 speed
Power subsystem	Up to two of the following hot-swappable power supplies: ■ 1050W (DC) ■ 1200W (AC) ■ 1600 W (AC) ■ 2300 W (AC) One power supply is mandatory; one more can be added for 1 + 1 redundancy.
Front Panel	A front panel controller provides status indications and control buttons
ACPI	This server supports the advanced configuration and power interface (ACPI) 6.2 standard.
Fans	Six hot-swappable fans for front-to-rear cooling
Expansion slots	■ Riser 1A (three Gen 5 PCIe slots) ■ Riser 1B (two drive bays) ■ Riser 1C (two Gen 5 PCIe slots) ■ Riser 2A (three Gen 5 PCIe slots) ■ Riser 2C (two Gen 5 PCIe slots) ■ Riser 3A (two Gen 5 PCIe slots) ■ Riser 3B (two drive bays) ■ Riser 3C (one Gen5 PCIe Slot)

Table 1 Capabilities and Features *(continued)*

Capability/Feature	Description
Interfaces	■ Rear panel: • One 1Gbase-T RJ-45 management port • One RS-232 serial port (RJ45 connector) • One DB15 VGA connector • Two USB 3.0 port connectors • One flexible modular LAN on motherboard (mLOM)/OCP 3.0 slot that can accommodate various interface cards. ■ Front panel: • One KVM console connector (supplies two USB 2.0 connectors, one VGA DB15 video connector, and one serial port (RS232) RJ45 connector)
Integrated management processor	■ Baseboard Management Controller (BMC) running Cisco Integrated Management Controller (CIMC) firmware. ■ Depending on your CIMC settings, the CIMC can be accessed through the 1GE dedicated management port. Cisco virtual interface card (VIC). ■ CIMC manages certain components within the server, such as the Cisco 24G SAS HBA.
Internal storage devices	**Drive storage:** ■ Up to 24 SFF SAS/SATA hard drives (HDDs) or SAS/SATA/NVMe solid state drives (SSDs). ■ Optionally, up to eight of the slots can be direct-attach NVMe. These drives must be placed in front drive bays 1- 4 and 21-24 only. The rest of the bays (5 - 20) can be populated with SAS/SATA SSDs/HDDs or U.3 NVMe SSDs with tri-mode controller. **Other storage:** ■ A Boot Optimized RAID Controller supports • Up to two internal SATA M.2 SSDs, or • Up to two rear-accessible hot-swappable SATA M.2 SSDs ■ 8GB FlexMMC utility storage for staging of firmware and other user data. 8GB FlexMMC storage is built into the motherboard on M8.
Storage controllers	**Internal storage controllers:** ■ 24G Tri-Mode M1 HBA for 16 Drives ■ 24G Tri-Mode M1 RAID Controller w/4GB FBWC 32Drv
Modular LAN on Motherboard (mLOM)/ Open Compute Project (OCP) 3.0 slot	The dedicated mLOM/Open Compute Project (OCP) 3.0 slot on the motherboard can flexibly accommodate the following cards: ■ Cisco Virtual Interface Cards ■ Open Compute Project (OCP) 3.0 network interface card
Fabric Interconnect	■ Compatible with the Cisco UCS 6454, 64108, 6536, 6664 and UCSX-S9108-100G fabric interconnects. ■ In addition to direct-connect of rack-server to the Fabric Interconnect, the rack-server can also connect via the "Nexus 93180YC-FX3 FEX" for having up to 160 servers behind a pair of Fabric Interconnect.
CIMC	Cisco Integrated Management Controller 4.3(6) or later
Intersight	Intersight provides server management capabilities

Table 1 Capabilities and Features *(continued)*

Capability/Feature	Description
Firmware standards	UEFI Spec 2.9 ACPI 6.5 SMBIOS Ver 3.7

CONFIGURING the SERVER

Follow these steps to configure the Cisco UCS C240 M8 SFF Rack Server:

- *STEP 1 SELECT SERVER SKU, page 11*
- *STEP 2 SELECT RISER CARDS (REQUIRED), page 12*
- *STEP 3 SELECT CPU(s) (REQUIRED), page 14*
- *STEP 4 SELECT MEMORY (REQUIRED), page 17*
- *STEP 5 SELECT DRIVE CONTROLLERS (OPTIONAL), page 20*
- *STEP 6 SELECT DRIVES (OPTIONAL), page 22*
- *STEP 7 SELECT OPTION CARD(s) (OPTIONAL), page 25*
- *STEP 8 ORDER GPU CARDS (OPTIONAL), page 30*
- *STEP 9 ORDER M.2 BOOT RAID CONTROLLER and SATA SSDs (OPTIONAL), page 32*
- *STEP 10 ORDER POWER SUPPLY (REQUIRED), page 34*
- *STEP 11 SELECT INPUT POWER CORD(s) (REQUIRED), page 35*
- *STEP 12 ORDER TOOL-LESS RAIL KIT (REQUIRED) AND REVERSIBLE CABLE MANAGEMENT ARM (OPTIONAL), page 39*
- *STEP 13 SELECT MANAGEMENT CONFIGURATION (OPTIONAL), page 40*
- *STEP 14 ORDER SECURITY DEVICES (REQUIRED), page 41*
- *STEP 15 SELECT LOCKING SECURITY BEZEL (OPTIONAL), page 42*
- *STEP 16 SELECT OPERATING SYSTEM AND THIRD PARTY SOFTWARE, page 43*
- *STEP 17 CHOOSE OPTIONAL OPERATING SYSTEM MEDIA KIT, page 51*
- *SUPPLEMENTAL MATERIAL, page 54*

STEP 1 SELECT SERVER SKU

Top level ordering product ID (PID) is shown in *Table 2*.

Table 2 Top Level Major Line Bundle ordering PIDs (MLB)

Product ID (PID)	Description
UCS-M8-MLB	UCS M8 RACK MLB This major line bundle (MLB) consists of the Rack Server (UCSC-C240-M8SX, UCSC-C240-M8L or UCSC-C240-M8E3S) with software PIDs. Use this PID to begin a new configuration.

Select one product ID (PID) as shown in *Table 3*.



CAUTION: This product may not be purchased outside of the approved bundles (must be ordered under the MLB)

Table 3 PID of the Rack Base Server

Product ID (PID)	Description
UCSC-C240-M8SX	■ Small form-factor (SFF) drives, with 24-drive backplane. ■ Front facing drive bays 1-24 support 2.5in SAS/SATA/SATA HDDs/SSDs or U.3 NVMe SSDs with tri-mode controller installed. ■ Optionally, front-loading drive bays 1-4, 21-24 support 2.5-inch direct-attach NVMe SSDs. ■ Optionally, 4 rear facing SAS/SATA/NVMe drives

The Cisco UCS C240 M8 SFF Rack Server:

- Includes a 24 drive backplane.
- Does not include power supply, CPU, memory, hard disk drives (HDDs), solid-state drives (SSDs), NVMe drives, SD cards, riser 1, riser 2, riser 3, tool-less rail kit, or PCIe cards.
- Use the steps on the following pages to configure the server with the components that you want to include.

STEP 2 SELECT RISER CARDS (REQUIRED)

Select desired risers from *Table 4*.

Table 4 PIDs of the Risers

Product ID (PID)	Description
Riser 1 Options	
UCSC-RIS1A-240M8 (I/O riser)	UCS C240 M8 Riser 1A PCIe Gen5 (x8, x16, x8) ■ Slot 1 is full-height, 3/4 length, x8, Supports NCSI and single wide GPU ■ Slot 2 is full-height, full-length, x16, Supports NCSI and single/double wide GPU ■ Slot 3 is full-height, full-length, x8, Supports single wide GPU
UCSC-RIS1B-240M8 (storage riser)	UCS C240 M8 Riser 1B support 2xSFF drives ■ Slot 1 is reserved ■ Drive bay 102, x4, Supports SAS/SATA/NVMe drives ■ Drive bay 101, x4, Supports SAS/SATA/NVMe drives
UCSC-RIS1C-240M8 (I/O riser)	UCS C240 M8 Riser 1C PCIe Gen5 (2x16) FH ■ Slot 1 is full-height, 3/4 length, x16, Supports NCSI and single wide GPU ■ Slot 2 is full-height, full-length, x16, supports single/double wide GPU
Riser 2 Options (2-CPU must be selected)	
UCSC-RIS2A-240M8 (I/O riser)	UCS C240 M8 Riser 2A PCIe Gen5 (x8, x16, x8) (controlled with CPU2) ■ Slot 4 is full-height, 3/4 length, x8, Supports NCSI and single wide GPU ■ Slot 5 is full-height, full-length, x16, Supports NCSI and single/double wide GPU ■ Slot 6 is full-height, full length, x8, Supports single wide GPU
UCSC-RIS2C-240M8 (I/O riser)	UCS C240 M8 Riser 2C PCIe Gen5 (2x16) (controlled with CPU2) ■ Slot 4 is full-height, 3/4 length, x16, Supports NCSI and single wide GPU ■ Slot 5 is full-height, full-length, x16, Supports single/double wide GPU
Riser 3 Options (2-CPU must be selected)	
UCSC-RIS3A-240M8 (I/O riser)	UCS C240 M8 Riser 3A PCIe Gen5 (controlled with CPU2) ■ Slot 7 is full-height, full-length, x8 ■ Slot 8 is full-height, full-length, x8
UCSC-RIS3B-240M8 (storage riser)	UCS C240 M8 Riser 3B support 2xSFF drives (controlled with CPU2) ■ Drive bay 104, x4, SAS/SATA/NVMe drives ■ Drive bay 103, x4, SAS/SATA/NVMe drives
UCSC-RIS3C-240M8	UCS C240 M8 Riser 3C PCIe Gen5 (x16) (controlled with CPU2) ■ Slot 7 is one full-height, full-length, x16, Supports double wide GPU ■ Slot 8 is blocked by double wide GPU (not used)

Table 4 PIDs of the Risers

Product ID (PID)	Description
Accessories/spare included along with selected risers: ■ UCSC-FBRS2-C240-D for riser 2 and UCSC-FBRS3-C245 riser filler blank for riser 3 is auto included, if riser 2 or riser 3 are not selected. ■ CBL-SASR1B-C24XM7 is auto included with selection of riser 1B and Raid controller (UCSC-RAID-MP1L32, or UCSC-HBA-M1L16). ■ CBL-SASR3B-C24XM7 is auto included with selection of riser 3 and Raid controller (UCSC-RAID-MP1L32, or two UCSC-HBA-M1L16). **NOTE:** Please note, if you are adding additional risers and raid controller later, you may need to order the accessories with it.	



NOTE: For GPU support on a particular riser slot, see *Table 12 on page 30*

STEP 3 SELECT CPU(s) (REQUIRED)

The standard CPU features are:

- Up to 86 cores
- Cache size of up to 336 MB
- Power: Up to 350 Watts
- UPI Links: Up to 4 at 24GT/s

Select CPUs from *Table 5*



CAUTION:

- Normal operating temperature is limited to 35° C [95° F], and is lowered to 28° C [82.4° F], with a fan fault. When rear drives are installed, the normal operating temperature is lowered to 30° C [86° F], and 26° C [78.8° F], respectively with a fan fault.
- With multiple GPU>75W installed, normal operating temperature is 30° C [86° F], lowered to 25° C [77° F], with a fan fault.
- When a GPU>75W is installed, CPUs with TDP greater than 330W are not supported

Table 5 Available Intel® Xeon® 6 Scalable CPUs

Product ID	Segment/ Workload	Maximum Socket	Cores	Clock Freq	Power	Cache Size	Highest DDR5 DIMM Clock	MRDIMM Support
(PID)		(S)	(C)	(GHz)	(W)	(MB)	(MT/s)	
UCS-CPU-I6787P	Performance	2S	86	2.00	350	336	6400	Yes
UCS-CPU-I6781P[1]	Single Socket	1S	80	2.00	350	336	6400	Yes
UCS-CPU-I6767P	Performance	2S	64	2.40	350	336	6400	Yes
UCS-CPU-I6761P[1]	Single Socket	1S	64	2.50	350	336	6400	Yes
UCS-CPU-I6760P	Mainline	2S	64	2.20	330	320	6400	No
UCS-CPU-I6747P	Performance	2S	48	2.70	330	288	6400	Yes
UCS-CPU-I6741P[1]	Single Socket	1S	48	2.50	300	288	6400	No
UCS-CPU-I6740P	Mainline	2S	48	2.10	270	288	6400	No
UCS-CPU-I6736P	Performance	2S	36	2.00	205	144	6400	No
UCS-CPU-I6745P	Performance	2S	32	3.10	300	336	6400	No
UCS-CPU-I6737P	Performance	2S	32	2.90	270	144	6400	No
UCS-CPU-I6731P[1]	Single Socket	1S	32	2.50	245	144	6400	No
UCS-CPU-I6730P	Performance	2S	32	2.50	250	288	6400	No

Table 5 Available Intel® Xeon® 6 Scalable CPUs

Product ID	Segment/ Workload	Maximum Socket	Cores	Clock Freq	Power	Cache Size	Highest DDR5 DIMM Clock	MRDIMM Support
(PID)		(S)	(C)	(GHz)	(W)	(MB)	(MT/s)	
UCS-CPU-I6530P	Mainline	2S	32	2.30	225	144	6400	No
UCS-CPU-I6728P	Socket scalable	4S	24	2.70	210	144	6400	No
UCS-CPU-I6527P	Performance	2S	24	3.00	255	144	6400	No
UCS-CPU-I6521P[1]	Single Socket	1S	24	2.60	225	144	6400	No
UCS-CPU-I6520P	Mainline	2S	24	2.40	210	144	6400	No
UCS-CPU-I6511P[1]	Single Socket	1S	16	2.50	150	72	6400	No
UCS-CPU-I6724P	Performance	4S	16	3.60	210	72	6400	No
UCS-CPU-I6517P	Performance	2S	16	3.20	190	72	6400	No
UCS-CPU-I6515P	Mainline	2S	16	2.30	150	72	6400	No
UCS-CPU-I6505P	Mainline	2S	12	2.20	150	48	6400	No
UCS-CPU-I6714P	Performance	4S	8	4.00	165	48	6400	No
UCS-CPU-I6507P	Performance	2S	8	3.50	150	48	6400	No

Accessories/spare included with CPU configuration:

- UCSC-HSLP-C240M8
- UCSC-HSLP-C220M8 if UCSC-GPUAD-240M8 is selected

NOTE: if you are adding a second CPU later, you may need to order accessories spares with it.

Notes:

1. Single Socket only CPUs

Table 6 CPU PID Decoder

Identifier#1	Identifier#2	Identifier#3	Identifier#4	Identifier#5	Identifier#6	Identifier#7
Cisco Product Family	CPU supplier	CPU Generation	SKU Tier	CPU SKU (2 digits)	Core Architecture	Option/Spare CPU
UCS	I: Intel	6: 6th Generation	5: GNR-SP Mid Tier 7: GNR-SP High Tier	Examples: 20, 34, 48 See detailed SKUs stack from supplier 11, 21, 31, 41, 61, 81: single-socket	P: P-Core	Blank: Option =: Spare

Supported Configurations

- 1-CPU Configuration:
  - Choose one CPU from *Table 5*
  - Up to 4 front facing direct-attach NVMe drives are allowed
  - Up to 2 rear facing direct-attach NVMe drives are allowed
- 2-CPU Configuration:
  - Choose two identical CPUs from *Table 5*
  - Up to 4-8 front facing direct-attach NVMe drives are allowed
  - Up to 4 rear facing direct-attach NVMe drives are allowed

The selection of 1 or 2 CPUs depends on the desired server functionality. See the following sections:

- *STEP 2 SELECT RISER CARDS (REQUIRED), page 12*
- *STEP 4 SELECT MEMORY (REQUIRED), page 17*
- *STEP 5 SELECT DRIVE CONTROLLERS (OPTIONAL), page 20*
- *STEP 6 SELECT DRIVES (OPTIONAL), page 22*
- *STEP 7 SELECT OPTION CARD(s) (OPTIONAL), page 25*

STEP 4 SELECT MEMORY (REQUIRED)

The *Table 7* below describes the main memory DIMM features supported on the server.



CAUTION: 256GB DIMMs cannot be combined with GPU card

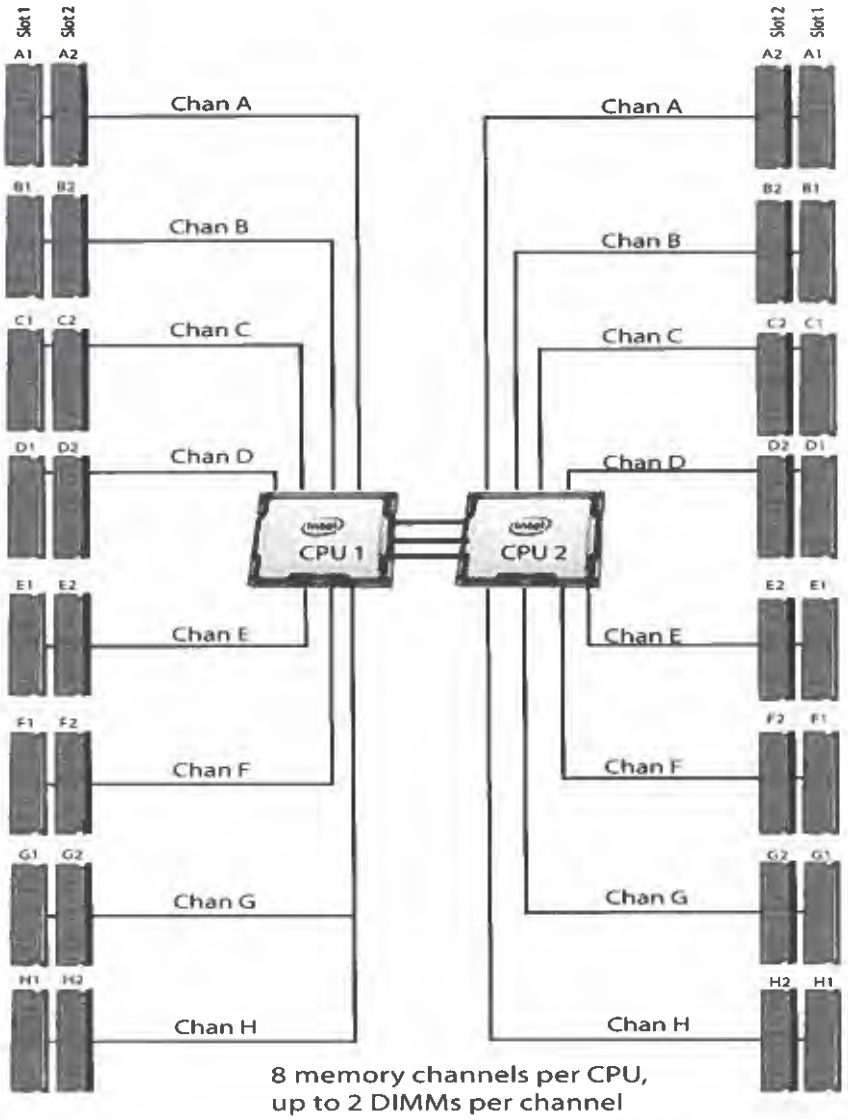
Table 7 Server Main Memory Features

Memory server technologies	Description	
	DIMM	MRDIMM[1]
Intel® Xeon® CPU generation	Intel® Xeon® 6 CPUs	
DDR5 memory clock speed	Up to 6400 MT/s 1DPC; Up to 5200 MT/s 2DPC	Up to 8000 MT/s 1DPC
Operational voltage	1.1 Volts	
DRAM fab density	16Gb, 24Gb and 32Gb	16Gb
Memory type	RDIMM (Registered DDR5 DIMM)	MRDIMM (Multiplexed Rank DDR5 DIMM)
Memory DRAM DIMM/MRDIMM organization	Eight memory DIMM channels per CPU; up to 2 DIMMs Per Channel	Eight MRDIMM channels per CPU; 1 DIMM Per Channel
Maximum number of DRAM DIMM/MRDIMM per server	32 (2-Socket)	16 (2-Socket)
DRAM DIMM/MRDIMM Densities and Ranks	16GB 1Rx8, 32GB 1Rx4, 32GB 2Rx8, 48GB 1Rx4, 64GB 2Rx4, 96GB 2Rx4, 128GB 2Rx4, 256GB 4Rx4	32GB 2Rx8, 64GB 2Rx4
Maximum system memory capacity	8TB (32x256GB)	1TB (16x64GB)

Notes:

1. Intel® Xeon® 6 SKUs 6787P, 6781P, 6767P, 6761P, and 6747P support MRDIMM, Per Intel® Xeon® 6 documentation

Figure 4 Memory Organization



Select DIMMs and Memory Mirroring

Select the memory configuration and whether or not you want the memory mirroring option. The available memory DIMMs and mirroring option are listed in *Table 8*.

NOTE: When memory mirroring is enabled, the memory subsystem simultaneously writes identical data to two channels. If a memory read from one of the channels returns incorrect data due to an uncorrectable memory error, the system automatically retrieves the data from the other channel. A transient or soft error in one channel does not affect the mirrored data, and operation continues unless there is a simultaneous error in exactly the same location on a DIMM and its mirrored DIMM. Memory mirroring reduces the amount of memory available to the operating system by 50% because only one of the two populated channels provides data.

Table 8 Memory Options for UCS M8 servers with Intel® Xeon® 6th Gen. CPUs

Product ID (PID)	PID Description	Ranks/DIMM
DDR5-6400 MT/s Cisco Memory PIDs list		
UCS-MRX16G1RE5	16GB RDIMM 1Rx8 1.1Volts (16Gb)	1
UCS-MRX32G1RE5	32GB RDIMM 1Rx4 1.1Volts (16Gb)	1
UCS-MRX32G2RE5	32GB RDIMM 2Rx8 1.1Volts (16Gb)	2
UCS-MRX48G1RF5	48GB RDIMM 1Rx4 1.1Volts (24Gb)	1
UCS-MRX64G2RE5	64GB RDIMM 2Rx4 1.1Volts (16Gb)	2
UCS-MRX96G2RF5	96GB RDIMM 2Rx4 1.1Volts (24Gb)	2
UCS-MR128G2RG5	128GB RDIMM 2Rx4 1.1Volts (32Gb)	2
UCS-MR256G4RG5	256GB RDIMM 4Rx4 1.1Volts (32Gb)	4
DDR5 MRDIMM-8800 MT/s Cisco Memory PIDs list		
UCS-MCX32G2RE11[1]	32GB DDR5 MRDIMM 8800 2Rx8 (16Gb)	2
UCS-MCX64G2RE11[1]	64GB DDR5 MRDIMM 8800 2Rx4 (16Gb)	2
Memory Mirroring Option		
N01-MMIRRORD	Memory mirroring option	
Accessories/spare included with Memory configuration: ■ UCS-DDR5-BLK[1] is auto included for the unselected DIMMs slots		

Notes:

1. Any empty DIMM slot must be populated with a DIMM blank to maintain proper cooling airflow.

Memory configurations and mixing rules

- **Golden Rule:** Memory on every CPU socket shall be configured identically.
- For full details on supported memory configurations, count rules, population rules and mixing rules see the Intel M8 Memory guide.

STEP 5 SELECT DRIVE CONTROLLERS (OPTIONAL)

The following list summarizes how drives are controlled on the server:

- Up to 28 SAS/SATA/U.3 NVMe drives are controlled through a Cisco 24G Tri-Mode M1 RAID Controller
- Up to 28 SAS/SATA/U.3 NVMe drives are controlled through a two Cisco 24G Tri-Mode M1 HBA

NOTE:

- **UCSC-RAID-MP1L32:** 64 Virtual drives (VDs) per controller, with up to 64 VD per disk group. OOB limited to 8 VD per disk group.
- If the Raid controllers are selected, it is factory-installed in a dedicated slot.
- For NVMe Hardware RAID, only U.3 NVMes are supported

Table 9 Hardware Controller Options

Product ID (PID)	PID Description
Controllers for Internal Drives	
UCSC-RAID-M1L32[1,2]	24G Tri-Mode M1 RAID Controller w/4GB FBWC 32 Drvies ■ This RAID controller supports up to 28, 2.5in (SFF) SAS/SATA HDD, SAS/SATA SSD, and U.3 NVMe operating at 3Gbps, 6Gbps, 12Gbps and 24Gbps. It includes a SuperCap and a 4GB flash-back write cache (FBWC). ■ Supports RAID0, 1, 5, 6, 10, 50, 60, and JBOD mode and supports mixed RAID and JBOD mode. ■ The RAID controller plugs directly into a dedicated slot. ■ For all self-encrypting drives (SED), standalone Management (CIMC/UCSM) is supported for configuring and managing local keys. For now, SED drives are managed with local key management only. Third-party key management will be supported (KMIP compliant).
UCSC-RAID-M1L16	24G Tri-Mode M1 RAID Controller w/4GB FBWC 16Drv ■ This RAID controller supports up to 16, 2.5in (SFF) SAS/SATA HDD, SAS/SATA SSD, and U.3 NVMe operating at 3Gbps, 6Gbps, 12Gbps and 24Gbps. It includes a SuperCap and a 4GB flash-back write cache (FBWC). ■ Supports RAID0, 1, 5, 6, 10, 50, 60, and JBOD mode and supports mixed RAID and JBOD mode. ■ The RAID controller plugs directly into a dedicated slot. ■ For all self-encrypting drives (SED), standalone Management (CIMC/UCSM) is supported for configuring and managing local keys. For now, SED drives are managed with local key management only. Third-party key management will be supported (KMIP compliant).

Table 9 Hardware Controller Options *(continued)*

Product ID (PID)	PID Description
UCSC-HBA-M1L16	24G Tri-Mode M1 HBA for 14 Drives ■ This Tri-mode HBA supports up to 14 SAS HDDs and SAS/SATA/U.3 NVMe operating at 3Gbps, 6Gbps, 12Gbps and 24Gbps. ■ Up to 2 Tri-mode HBA controllers supported on UCSC-C240-M8SX ■ No RAID support ■ Supports JBOD or pass-through mode ■ The 24G Tri-mode HBA plugs directly into a dedicated slot.
Accessories/spare included with drive controller: ■ **UCSC-RAID-MP1L32:** CBL-RAID16-240M8 and UCSC-SDBKT-24XM7 are included. ■ **UCSC-HBA-M1L16:** • In a 2-CPU system, CBL-RAID16-240M8 and UCSC-HPBKT-24XM7 are included per controller • In a 1-CPU system, CBL-RAID16-240M8 and UCSC-HPBKT-24XM7 for a single controller configuration; CBL-HBA-240M8-P1, CBL-HBA-240M8-P2 and UCSC-HPBKT-24XM7 are included for a dual controller configuration ■ **UCSC-RAID-M1L16:** In a 2-CPU system, CBL-RAID16-240M8 and UCSC-HPBKT-24XM7 are included per controller **NOTE:** If you are adding drive controller later as spare, you may need to order cables/supercap/super cables and controllers bracket with it.	

Notes:

1. U.3 NVMe drives selected with this Tri-mode RAID controller will be set to RAID attached as the factory default. The U.3 drives in slots 1-4, 21-24 can however operate in U.2 mode, directly attached to the CPU. This mode can be changed from the Cisco IMC if desired.
2. When ordering this Tri-mode RAID controller, please note that mixing SAS/SATA and NVMe drives in a single RAID volume is not supported. Virtual drives can only be created with drives of the same type



CAUTION: All RAID options require drives of same sector size and media type. The smallest drive capacity will be used to calculate the RAID volume size.

STEP 6 SELECT DRIVES (OPTIONAL)

The standard disk drive features are:

- 2.5-inch small form factor
- Hot-pluggable
- Drives come mounted in sleds

Select Drives

- The available SAS and SATA SSDs/HDDs and NVMe drives are listed in *Table 10*



CAUTION: Cisco uses solid state drives (SSDs) from a number of vendors. All solid state drives (SSDs) are subject to physical write limits and have varying maximum usage limitation specifications set by the manufacturer. Cisco will not replace any solid state drives (SSDs) that have exceeded any maximum usage specifications set by Cisco or the manufacturer, as determined solely by Cisco.

Table 10 Available SAS/SATA SSD and HDDs

Product ID (PID)	PID Description	Drive Type	Capacity
HDDs			
HDDs (10K RPM)			
UCS-HDB1T2GS10K2N	1.2TB 2.5in 12G SAS 10K RPM 512n HDD	SAS	1.2 TB
UCS-HDB2T4GS10K4K	2.4TB 2.5in 12G SAS 10K RPM 4K HDD	SAS	2.4 TB
UCS-HDB300GS10K2N	300GB 2.5in 12G SAS 10K RPM 512n HDD	SAS	300 GB
UCS-HDB600GS10K2N	600GB 2.5in 12G SAS 10K RPM 512n HDD	SAS	600 GB
Enterprise Performance SAS/SATA SSDs (High endurance, supports up to 10X or 3X DWPD (drive writes per day))			
SATA			
UCS-SD19TBM3XEP-D	1.9TB 2.5in Enter Perf 6G SATA Micron G2 SSD (3X)	SATA	1.9 TB
UCS-SD960GBM3XEPD	960GB 2.5in Enter Perf 6G SATA Micron G2 SSD (3X)	SATA	960 GB
UCS-SD480GBM3XEPD	480GB 2.5in Enter Perf 6G SATA Micron G2 SSD (3X)	SATA	480 GB
UCS-SDB1T9OA1P	1.9TB 2.5in 15mm Solidigm S4620 Enter Perf 6G SATA 3X SSD	SATA	1.9 TB
UCS-SDB3T8OA1P	3.8TB 2.5in 15mm Solidigm S4620 Enter Perf 6G SATA 3X SSD	SATA	3.8 TB
UCS-SDB960OA1P	960GB 2.5in 15mm Solidigm S4620 Enter Perf 6G SATA 3X SSD	SATA	960 GB
UCS-SDB480OA1P	480GB 2.5in 15mm Solidigm S4620 Enter Perf 6G SATA 3X SSD	SATA	480 GB
SAS			
UCS-SD32TKA3XEP-D	3.2TB 2.5in Enter Perf 24G SAS Kioxia G2 SSD (3X)	SAS	3.2 TB
UCS-SD16TKA3XEP-D	1.6TB 2.5in Enter Perf 24G SAS Kioxia G2 SSD (3X)	SAS	1.6 TB
Enterprise Value SAS/SATA SSDs (Low endurance, supports up to 1X DWPD (drive writes per day))			
SATA			
UCS-SD76TBM1XEV-D	7.6TB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	7.6 TB
UCS-SD38TBM1XEV-D	3.8TB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	3.8 TB

Table 10 Available SAS/SATA SSD and HDDs *(continued)*

Product ID (PID)	PID Description	Drive Type	Capacity
UCS-SD19TBM1XEV-D	1.9TB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	1.9 TB
UCS-SD960GBM1XEVD	960GB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	960 GB
UCS-SD480GBM1XEVD	480 GB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	480 GB
UCS-SD240GBM1XEVD	240GB 2.5in Enter Value 6G SATA Micron G2 SSD	SATA	240 GB
UCS-SDB7T6SA1VD	7.6TB 2.5in 6G SATA Enter Value 1X Samsung G1PM893A SSD	SATA	7.6 TB
UCS-SDB3T8SA1VD	3.8TB 2.5in 6G SATA Enter Value 1X Samsung G1PM893A SSD	SATA	3.8 TB
UCS-SDB1T9SA1VD	1.9TB 2.5in 6G SATA Enter Value 1X Samsung G1PM893A SSD	SATA	1.9 TB
UCS-SDB960SA1VD	960GB 2.5in 6G SATA Enter Value 1X Samsung G1PM893A SSD	SATA	960 GB
UCS-SDB3T8OA1V	3.8TB 2.5in 15mm Solidigm S4520 Enter Value 6G SATA 1X SSD	SATA	3.8 TB
UCS-SDB960OA1V	960GB 2.5in 15mm Solidigm S4520 Enter Value 6G SATA 1X SSD	SATA	960 GB
SAS			
UCS-SD15TKA1XEV-D	15.3TB 2.5in Enter Value 24G SAS Kioxia G2 SSD	SAS	15.3 TB
UCS-SD76TKA1XEV-D	7.6TB 2.5in Enter Value 24G SAS Kioxia G2 SSD	SAS	7.6 TB
UCS-SD38TKA1XEV-D	3.8TB 2.5in Enter Value 24G SAS Kioxia G2 SSD	SAS	3.8 TB
UCS-SD19TKA1XEV-D	1.9TB 2.5in Enter Value 24G SAS Kioxia G2 SSD	SAS	1.9 TB
Self-Encrypted Drives (SED) (1X or 3X)			
SATA			
UCS-SD960GM2NK9-D	960GB 2.5in Enter Value 6G SATA Micron G2 SSD (SED)	SATA	960 GB
SAS			
UCS-SD76TBKANK9-D	7.6TB 2.5in Enter Value 12G SAS Kioxia G2 SSD (SED-FIPS)	SAS	7.6 TB
UCS-SD38TBKANK9-D	3.8TB 2.5in Enter Value 12G SAS Kioxia G2 SSD (SED-FIPS)	SAS	3.8 TB
UCS-SD16TBKANK9-D	1.6TB 2.5in Enter Perf 12G SAS Kioxia G2 SSD (3X SED-FIPS)	SAS	1.6 TB
PCIe/NVMe SFF (2.5-inch) SFF drives			
UCS-NVMEG4-M1536D	15.3TB 2.5in U.3 15mm P7450 Hg Perf Med End NVMe	U.3	15.3 TB
UCS-NVMEG4-M7680D	7.6TB 2.5in U.3 15mm P7450 Hg Perf Med End NVMe	U.3	7.6 TB
UCS-NVMEG4-M6400D	6.4TB 2.5in U.3 15mm P7450 Hg Perf Hg End NVMe (3X)	U.3	6.4 TB
UCS-NVMEG4-M3840D	3.8TB 2.5in U.3 15mm P7450 Hg Perf Med End NVMe	U.3	3.8 TB
UCS-NVMEG4-M3200D	3.2TB 2.5in U.3 15mm P7450 Hg Perf Hg End NVMe (3X)	U.3	3.2 TB
UCS-NVMEG4-M1920D	1.9TB 2.5in U.3 15mm P7450 Hg Perf Med End NVMe	U.3	1.9 TB
UCS-NVMEG4-M1600D	1.6TB 2.5in U.3 15mm P7450 Hg Perf Hg End NVMe (3X)	U.3	1.6 TB
UCS-NVMEG4-M960-D	960GB 2.5in U.3 15mm P7450 Hg Perf Med End NVMe	U.3	960 GB
UCS-NVB1T9M2V9	1.9TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	1.9 TB
UCS-NVB3T8M2V9	3.8TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	3.8 TB
UCS-NVB3T8M2V9[1]	3.8TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	3.8 TB
UCS-NVB1T9M2V9[1]	1.9TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	1.9 TB
UCS-NVB7T6M2V9[1]	7.6TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	7.6 TB
UCS-NVB15T3M2V9[1]	15.3TB 2.5in U.3 15mm Micron 7500 HgPerf MedEnd 1X NVMe FIPS	U.3	15.3 TB

Table 10 Available SAS/SATA SSD and HDDs *(continued)*

Product ID (PID)	PID Description	Drive Type	Capacity
UCS-NVB30T7M3L	30.7TB 2.5in U.2 15mm Micron6550 HgPerf EcoEnd G4/5 <1X NVMe	U.2	30.7 TB
UCS-NVB61T4M3L	61.4TB 2.5" U.2 15mm Micron 6550 HgPerf EcoEnd G4/5 <1X NVMe	U.2	61.4 TB

NOTE:

- Depending on the configuration, NVMe cables CBL-NVME-240M8-P4, CBL-NVME-240M8-P2 are included. If you are adding drive later as spare, you may need to order cables with it.
- UCSC-BBLKD-M7 is included for the unselected front and rear storage device.

Notes:

1. Micron 7500 SED-FIPS cannot be used for boot in direct attach mode. They can be used for boot via RAID controller.

Caveats

- Unless a tri-mode controller is installed:
  - Front SFF NVMe drives 1-4 are connected directly to CPU2
  - Front SFF NVMe drives 21-24 are connected directly to CPU1
  - Rear NVMe drives in riser 1B are connected directly to CPU1
  - Rear NVMe drives in riser 3B are connected directly to and require CPU 2
- If you order more than 4 front direct-attach NVMe drives, you must also order two CPUs
- SFF NVMe drives are bootable in UEFI mode only.
- You can mix SAS HDDs and SAS/SATA SSDs as long as you don't mix them in the same RAID Volume. Virtual drives can only be created with drives of the same type.
- SED drives can be mixed with the non-SED drives in *Table 10 on page 22*

STEP 7 SELECT OPTION CARD(s) (OPTIONAL)

For up-to-date server compatibility, please check the Hardware and Software compatibility list (HCL) at https://ucshcltool.cloudapps.cisco.com/public/.

The standard PCIe card offerings are:

- Modular LAN on Motherboard (mLOM)
- Open Compute Project (OCP) 3.0
- Virtual Interface Cards (VICs)
- Network Interface Cards (NICs)
- Host Bus Adapters (HBAs)

Select Option Cards



NOTE:

- If a double-wide (DW) GPU is selected in Riser 1 Slot 2, it blocks the use of Riser 1 Slot 3; similarly, if a DW GPU is selected in Riser 2 Slot 5, it blocks Riser 2 Slot 6, preventing simultaneous selection of these adjacent PCIe slots
- Refer to *Cisco UCS C240 M8 Installation Guide* for the more information

The available option cards are listed in *Table 11*

Table 11 Available PCIe Option Cards

Product ID (PID)	PID Description	Location	Card Size[1]
Modular LAN on Motherboard (mLOM)[2]			
UCSC-M-V5Q50GV2-D	Cisco VIC 15427 4x 10/25/50G mLOM C-Series w/Secure Boot	mLOM	HHHL, SS
UCSC-M-V5D200GV2D	Cisco VIC 15237 2x 40/100/200G mLOM C-Series w/Secure Boot	mLOM	HHHL, SS
Open Compute Project (OCP)[3]			
UCSC-O-ID10GC-D	Intel X710T2LOCPV3G1L 2x10GbE RJ45 OCP3.0 NIC	OCP	SFF
UCSC-O-N6CD25GFO	NVIDIA OEM MCX631432AC-ADAB CX6Lx 2x25G SFP28 x8 OCP NIC	OCP	SFF
UCSC-O-N6CD100GFO	NVIDIA OEM MCX623436AC-CDAB CX6Dx 2x100G QSFP56 x16 OCP NIC	OCP	SFF
Virtual Interface Cards (VICs)[2]			
UCSC-P-V5Q50G-D	Cisco VIC 15425 4x 10/25/50G PCIe C-Series w/Secure Boot	Riser 1 or 3	HHHL, SS
UCSC-P-V5D200G-D	Cisco VIC 15235 2x 40/100/200G PCIe C-Series w/Secure Boot	Riser 1 or 3	HHHL, SS
Network Interface Cards (NICs)			
1GbE NICs			
UCSC-P-IQ1GC	Cisco-Intel I710-T4L 4x1GBASE-T NIC	Riser 1, 2, or 3	HHHL, SS

Table 11 Available PCIe Option Cards *(continued)*

Product ID (PID)	PID Description	Location	Card Size[1]
10GbE NICs			
UCSC-P-ID10GC-D	Cisco-Intel X710T2LG 2x10GBE RJ45 PCIe NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-IQ10GC-D	Cisco-Intel X710T4LG 4x10GBE RJ45 PCIe NIC	Riser 1, 2, or 3	HHHL, SS
25GbE NICs			
UCSC-P-I8D25GF-D	Cisco-Intel E810XXVDA2 2x25/10GBE SFP28 PCIe NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N6D25GFO	NVIDIA OEM MCX631102AS-ADAT CX6Lx 2x25GbE SFP28 x8 PCIe NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N7Q25GF	CX713104AS-ADAT: 4x25GbE SFP56 Gen4x16, PCIe NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-I8Q25GF-D	Cisco-Intel E810XXVDA4L 4x25/10 GbE SFP28 PCIe NIC	Riser 1, 2, or 3	FHHL, SS
UCSC-P-N7Q25GFO	NVIDIA OEM CX713104AS-ADAT: 4x25GbE SFP56 Gen4x16, PCIe NIC	Riser 1, 2, or 3	HHHL, SS
100GbE NICs			
UCSC-P-M6CD100GFO	NVIDIA OEM MCX623106AC-CDAT, 2x100 GbE QSFP56 PCIe Crypto	Riser 1, 2, or 3	HHHL, SS
UCSC-P-M6DD100GFO	NVIDIA OEM MCX623106AS-CDAT, 2x100 GbE QSFP56 PCIe No Crypto	Riser 1, 2, or 3	HHHL, SS
UCSC-P-I8D100GF-D	Cisco-Intel E810CQDA2 2x100 GbE QSFP28 PCIe NIC	Riser 1, 2, or 3	HHHL, SS
200GbE NICs			
UCSC-P-N7D200GF	MCX755106AS-HEAT:CX-7 2x200GbE QSFP112 PCIe Gen5x16, VPI NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N7D200GF	MCX755106AS-HEAT:CX-7 2x200GbE QSFP112 PCIe Gen5x16, VPI NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N7D200GFO	NVIDIA OEM MCX755106AS-HEAT 2x200GbE QSFP112 PCIe Gen5 NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N3220L	Nvidia OEM BlueField-3 B3220L SuperNIC 2x200G	Riser 1, 2, or 3	FHHL, SS
UCSC-P-N3220	Nvidia OEM BlueField-3 B3220 DPU 2x200G	Riser 1, 2, or 3	FHHL, SS
400GbE NICs			
UCSC-P-N7S400GF	MCX715105AS-WEAT CX-7 1x400GbE QSFP112 PCIe Gen5 x16 VPI NIC	Riser 1, 2, or 3	HHHL, SS
UCSC-P-N7S400GFO	NVIDIA OEM MCX715105AS-WEAT 1x400GbE QSFP112 PCIe Gen5 NIC	Riser 1, 2, or 3	HHHL, SS
Host Bus Adapters (HBAs)			
UCSC-P-Q6D32GF-D	Cisco-QLogic QLE2772 2x32GFC Gen 6 Enhanced PCIe HBA	Riser 1, 2, or 3	HHHL, SS
UCSC-P-B7D32GF-D	Cisco-Emulex LPe35002-M2-2x32GFC Gen 7 PCIe HBA	Riser 1, 2, or 3	HHHL, SS
UCSC-PCIEBD16GF-D	Emulex LPe31002 dual port 16G FC HBA	Riser 1, 2, or 3	HHHL, SS
UCSC-P-Q7D64GF	Cisco-QLogic QLE2872, 2x64GFC Gen 7 PCIe HBA	Riser 1, 2, or 3	HHHL, SS
Accessories/spare included with PCI Card. ■ UCSC-OCP3-KIT-D is included along with the selection Open Compute Project (OCP) card			

Notes:

1. HHHL = half-height, half-length; FHHL = full-height, half-length; SS = single-slot; DS = double-slot. SFF = small form factor.

2. 50G speed on the 4-port and 200G speed on the 2-port are only supported on standalone servers with supported cables. Please refer to the VIC 15000 series datasheet for supported switches and cables.
3. For installation in the mLOM slot, you can order either an mLOM VIC, or the OCP NIC - but not both. If ordering the OCP NIC, the OCP Mechanical Kit (UCSC-OCP3-KIT) must also be installed in order to mount OCP NIC in the mLOM slot.
4. This Virtual Interface Cards incorporate VIC Secure Boot technology.

Caveats

- For 1-CPU systems:
  - All the PCIe slots on riser 1A and 1C are supported for the PCIe Cards.
  - Riser 2 and 3 are not supported in 1-CPU system.
  - Only a single plug-in PCIe VIC card may be installed on a 1-CPU system, and it must be installed in slots 1 or 2 of riser 1A or slot 1 of riser 1C.
  - You can order an mLOM VIC card to be installed in the mLOM/OCP 3.0 slot internal to the chassis and thus have two VIC cards in operation at the same time. If you order a double-width GPU, it must be installed in slot 2; then a PCIe VIC can be installed in slot 1. See the *Table 11 on page 25* for the selection of plug-in and mLOM/OCP 3.0 VIC cards.
- For 2-CPU systems:
  - All the PCIe slots on riser 1, 2, and 3 are supported for the PCIe Cards.
  - You can order an mLOM VIC card to be installed in the mLOM slot internal to the chassis.You can also have up to two PCIe VICs.
    - If Riser 1A and 2A are selected, two PCIe VIC can be installed in slot 2 of Riser 1A and slot 5 of Riser 2A. If GPUs are installed in slot 2 of riser 1A or slot 5 of riser 2A, the NCSI capability automatically switches over to slot 1 of riser 1A or slot 4 of Riser 2A. Therefore, Cisco PCIe VICs can be installed in slot 1 of Riser 1A and slot 4 of Riser 2A if GPUs are installed in slots 2 of Riser 1A and slot 5 of Riser 2A.
    - If Riser 1C and 2C are selected, two PCIe VIC and be installed in slot 1 of Riser 1C and slot 4 of Riser 2C.
    - Maximum 1 PCIe VIC per riser

  See *Table 12 on page 30* for the selection of plug-in and mLOM VIC cards.

  - The server supports up to two PCIe Cisco VICs plus an MLOM VIC. However, single wire management is supported on only one VIC at a time. If multiple VICs are installed on a server, only one slot has NCSI enabled at a time and for single wire management, priority goes to the MLOM slot, then slot 2 of riser 1A/slot 1 of riser 1C, then slot 5 of riser 2A/slot 4 of riser 2C for NCSI management traffic. When multiple cards are installed, connect the single wire management cables in the priority order mentioned above.

- For installation in the mLOM slot, you can order either an mLOM VIC, or the OCP NIC - but not both. If ordering the OCP NIC, the OCP Mechanical Kit (UCSC-OCP3-KIT) must also be installed in order to mount OCP NIC in the mLOM slot.



NOTE:

- UCSM managed servers are discoverable only if a PCIe VIC is installed or a VIC is installed in the MLOM slot.
- Select Cisco UCS Virtual Interface Cards incorporate VIC Secure Boot technology to ensure the integrity of the VIC hardware and firmware upon server boot. VIC Secure Boot is independent of server-level secure boot from Cisco, but both technologies contribute to the Cisco trust model ensuring customers' equipment is genuine and running validated firmware.
- To help ensure that your operating system is compatible with the card you have selected, or to see additional cards that have been qualified to work with the UCS C240 M8 server, but are not sold on the Cisco price list, check the Hardware Compatibility List link.

ORDER OPTIONAL PCIe OPTION CARD ACCESSORIES

- At the time of first launch, the 3rd Party Ethernet adapters were tested for interoperability with an initial selection of Optical Modules and Cables. Please check the Product Briefs for this initial list of interoperable optics and cables at https://www.cisco.com/c/en/us/products/servers-unified-computing/third-party-adapters-listing.html.
- For list of supported optics and cables for VIC 15428 and VIC 15238, refer to the VIC 15000 series data sheet at https://www.cisco.com/c/en/us/products/collateral/interfaces-modules/unified-computing-system-adapters/ucs-vic-15000-series-ds.html
- Cisco Transceiver Module Group (TMG) conducts tests with Cisco optics and cables and publishes the results in the TMG Compatibility Matrix. The latest compatibility with optical modules and DACs can be found at https://tmgmatrix.cisco.com/
- Refer to the these links for additional connectivity options.

Intel:
Product Guide
Speed White Paper

STEP 8 ORDER GPU CARDS (OPTIONAL)

Select GPU Options

The available GPU PCIe options and their riser slot compatibilities are listed in *Table 12*.



CAUTION:

- 256GB DIMMs cannot be combined with GPU cards, and the ambient temperature shall be limited to a maximum of 28°C.
- With multiple GPU>75W installed, normal operating temperature is 30° C [86° F], lowered to 25° C [77° F], with a fan fault.
- When a GPU>75W is installed, CPUs with TDP greater than 330W are not supported
- When H200-NVL GPU is installed, 256GB DIMMs are not supported. Additionally, H200-NVL GPUs are power-limited to 450W for efficiency and ambient temperature shall be limited to a maximum of of 28°C.



NOTE:

- GPUs cannot be mixed
- All GPU cards must be procured from Cisco as there is a unique SBIOS ID required by CIMC and UCSM
- If a GPU with TDP equal or greater than 75W is ordered, all the 3 risers are required, and GPU airblocker will be installed in the middle slot of any empty riser in the system.
- If GPUs are installed in slot 2 of riser 1A or slot 5 of riser 2A, the NCSI capability automatically switches over to slot 1 of riser 1A or slot 4 of Riser 2A. Therefore, Cisco PCIe VICs can be installed in slots 1 and 4 on riser 1A and 2A, if GPUs are installed in slots 2 and 5. If you order multiple GPUs, they must be installed as shown in *Table 12 on page 30*.
- If a double-wide (DW) GPU is selected in Riser 1 Slot 2, it blocks the use of Riser 1 Slot 3; similarly, if a DW GPU is selected in Riser 2 Slot 5, it blocks Riser 2 Slot 6, preventing simultaneous selection of these adjacent PCIe slots
- Refer to *Cisco UCS C240 M8 Installation Guide* for the more information

Table 12 Available PCIe GPU Cards

GPU Product ID (PID)	PID Description	Card Size	Max GPU Per Node	Riser Slot Compatibility			
				Riser 1A/1C	Riser 2A/2C	Riser 3A/3C[1]	Riser 1B/3B
UCSC-GPU-H100-NVL	NVIDIA H100 NVL, 400W, 94GB, 2-slot FHFL GPU	double -wide	3	slot 2	slot 5	slot 7 (3C Only)	n/a

Table 12 Available PCIe GPU Cards

GPU Product ID (PID)	PID Description	Card Size	Max GPU Per Node	Riser Slot Compatibility			
UCSC-GPU-H200-NVL[2]	NVIDIA OEM H200-NVL GPU 600W, 141GB, 2-slot FHFL	double -wide	3	slot 2	slot 5	slot 7 (3C Only)	n/a
UCSC-GPU-L40S	NVIDIA L40S: 350W, 48GB, 2-slot FHFL GPU	double -wide	3	slot 2	slot 5	slot 7 (3C Only)	n/a
UCSC-GPU-L4[3]	NVIDIA L4:70W, 24GB, 1-slot HHHL GPU	Single-wide	8	All slots	All slots	slot 7 (3C Only)	n/a
UCSC-GPU-A16-D	NVIDIA A16 PCIE 250W 4X16GB	double -wide	3	slot 2	slot 5	slot 7 (3C Only)	n/a

Accessories/spare included with GPU:

- When a GPU ready configuration is ordered, the server comes with low-profile heatsinks PID (UCSC-HSLP-C220M8), and special airblocker PID (UCSC-RISAB-24XM7) for GPUs.
- Air duct (UCSC-GPUAD-C240M8) is **not** auto-included with the double wide GPUs, however it is required selection under configuration. For GPU UCSC-GPU-L4 **air duct is not** required.
- UCS-P100CBL-240-D is included with the selection of A16 GPUs.
- CBL-G5GPU-C240M7 power cable included with the selection of L40S, H100-NVL andH200-NVL GPUs.

NOTE: If you are adding GPUs later to a non-GPU ready configuration, you need to order the GPU kit (UCSC-GPUKIT-240M8=) along with the GPUs. You only need to order 1 GPU kit per server, regardless of the number of GPUs added. This GPU kit includes 2x low profile heatsinks, 1x GPU air duct, 2x thermal paste and 2x GPU air blockers. Please note that the GPU kit does not include risers, so you may need to order those separately

Notes:

1. The server supports one full-height, full-length, double-wide GPU (PCIe slot 7 only) in Riser 3C.
2. H200-NVL GPU is limited to a maximum of 128GB memory in server configurations. Additionally, it can be power-limited to 450W for efficiency and ambient temperature shall be limited to a maximum of 28°C.
3. L4 is supported on all slots in PCIe risers. The maximum would be 8 when you have riser 1A+2A+3A and populate all 8 slots with L4

STEP 9 ORDER M.2 BOOT RAID CONTROLLER and SATA SSDs (OPTIONAL)

- Order Cisco boot optimized M.2 RAID controller from *Table 13*. The boot optimized RAID controller plugs into a connector on the motherboard and holds up to two M.2 SATA drives.

NOTE:

- The Cisco boot optimized M.2 RAID controller supports RAID 1 and JBOD mode
- The Cisco boot optimized M.2 RAID controller is available only with 240GB, 480GB, and 960GB M.2 SSDs.
- CIMC is supported for configuring of volumes and monitoring of the controller and installed SATA M.2 drives
- The SATA M.2 drives can boot in UEFI mode only. Legacy boot mode is not supported
- Up to 1 Boot-Optimized RAID Controller is supported per system

Table 13 Boot-Optimized RAID Controller

Product ID (PID)	PID Description	M.2 Location	Hot- Swappable_M.2
UCS-M2-HWRAID2[1]	Cisco Boot optimized M.2 Raid controller for SATA drives	Internal	No
UCSC-M2RM-M8[2]	UCS C220/240 M8 Rear Hot-plug M.2 module (MLOM)	MLOM Slot	Yes
UCSC-M2RR-240M8	UCS C240 M8 Rear Hot-plug M.2 module (Riser 3)	By Riser 3	Yes

Notes:

1. UCS-M2-HWRAID2 plugs into a connector on the motherboard and holds up to two M.2 SATA drives. Hot-plug replacement of the M.2 drives is not supported with UCS-M2-HWRAID2. The server must be powered off. UCSC-M2I-240M8 is auto included with UCS-M2-HWRAID2. If you are adding M.2 RAID controller as spare, you may need to order accessories with it.
2. UCSC-M2RM-M8 is installed in the mLOM location. If UCSC-M2RM-M8 is selected, mLOM/OCP card cannot be used. Hot-plug replacement of the M.2 drives is supported with UCSC-M2RM-M8. CBL-M2RM-240M8 is auto included with UCSC-M2RM-M8. If you are adding M.2 RAID controller as spare, you may need to order accessories with it.

- Order one or two matching M.2 SATA SSDs from *Table 14* along with a boot-optimized RAID controller (see *Table 13*). Each boot-optimized RAID controller can accommodate up to two SATA M.2 SSDs.

NOTE:

- It is recommended that M.2 SATA SSDs be used as boot-only devices.
- Order one or two identical M.2 SATA SSDs for the boot optimized RAID controller
- You cannot mix M.2 SATA SSD capacities.

Table 14 M.2 SATA SSDs

Product ID (PID)	PID Description
UCS-M2-240G-D	240GB M.2 SATA Micron G2 SSD
UCS-M2-480G-D	480GB M.2 SATA SSD
UCS-M2-960G-D	960GB M.2 SATA Micron G2 SSD
UCS-M2240OA1V	240GB M.2 Boot Solidigm S4520 SATA 1X SSD
UCS-M2480OA1V	480GB M.2 Boot Solidigm S4520 SATA 1X SSD

STEP 10 ORDER POWER SUPPLY (REQUIRED)

Power supplies share a common electrical and physical design that allows for hot-plug and tool-less installation into M8 C-series servers. Each power supply is certified for high-efficiency operation and offers multiple power output options. This allows users to "right-size" based on server configuration, which improves power efficiency, lowers overall energy costs and avoids stranded capacity in the data center.

Use the power calculator at the following link to determine the needed power based on the options chosen (CPUs, drives, memory, and so on):

http://ucspowercalc.cisco.com



WARNING:

- Starting 1st January 2024, only Titanium rated PSUs are allowed to be shipped to European Union (EU), European Economic Area (EEA), United Kingdom (UK), Switzerland and other countries that adopted Lot 9 Regulation.
- DC PSUs are not impacted by Lot 9 Regulation and are EU/UK Lot 9 compliant

Table 15 Power Supply

Product ID (PID)	PID Description
PSU (Input High Line 210VAC)	
UCSC-PSU1-1200W-D	1200W Titanium power supply for C-Series Servers
UCSC-PSUV21050D-D	Cisco UCS 1050W -48V DC Power Supply for Rack Server
UCSC-PSU1-1600W-D	UCS 1600W AC PSU Platinum (Not EU/UK Lot 9 Compliant)
UCSC-PSU1-2300W-D	Cisco UCS 2300W AC Power Supply for Rack Servers Titanium
PSU (Input Low Line 110VAC)	
UCSC-PSU1-1200W-D	1200W Titanium power supply for C-Series Servers **Titanium**
UCSC-PSU1-2300W-D	2300W Power supply for C-series servers **Titanium**



NOTE:

- In a server with two power supplies, both power supplies must be identical.
- Refer to *Power Specifications, page 57* section for the full details on the each power supply.

STEP 11 SELECT INPUT POWER CORD(s) (REQUIRED)

Using *Table 16* and *Table 17*, select the appropriate AC power cords. You can select a minimum of no power cords and a maximum of two. If you select the option R2XX-DMYMPWRCORD, no power cord is shipped with the server.

NOTE: *Table 16* lists the power cords for servers that use power supplies less than 2300 W. *Table 17* lists the power cords for servers that use 2300 W power supplies. Note that the power cords for 2300 W power supplies use a C19 connector so they only fit the 2300 W power supply connector.

Table 16 Available Power Cords (for server PSUs less than 2300 W)

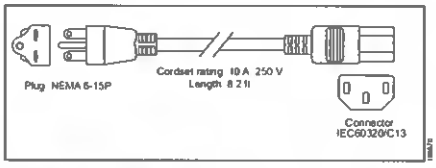
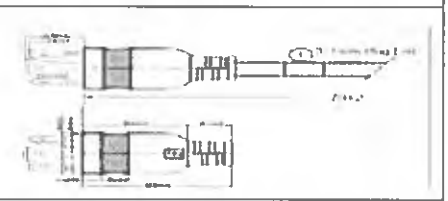
Product ID (PID)	PID Description	Images
NO-POWER-CORD	ECO friendly green option, no power cable will be shipped	
CAB-48DC40A8AWG-D	C-Series -48VDC PSU Power Cord, 3.5M, 3 Wire, 8AWG, 40A	
CAB-N5K6A-NA	Power Cord, 200/240V 6A, North America	
CAB-AC-L620-C13-D	AC Power Cord, NEMA L6-20 - C13, 2M/6.5ft	
CAB-C13-CBN	CABASY,WIRE,JUMPER CORD, 27" L, C13/C14, 10A/250V	
CAB-C13-C14-2M	CABASY,WIRE,JUMPER CORD, PWR, 2 Meter, C13/C14,10A/250V	

Table 16 Available Power Cords (for server PSUs less than 2300 W)

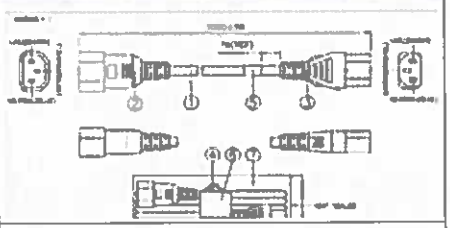
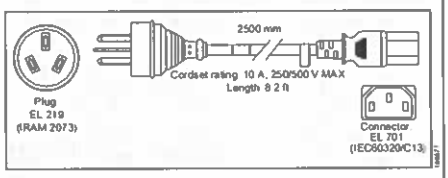
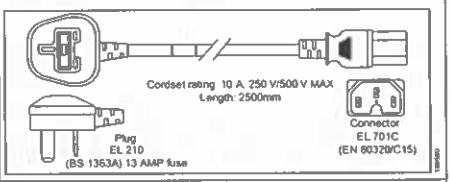
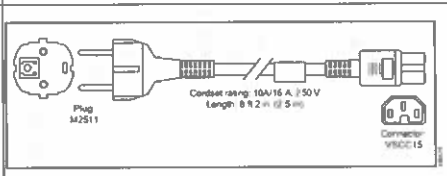
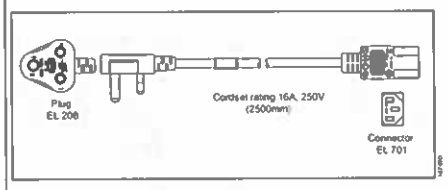
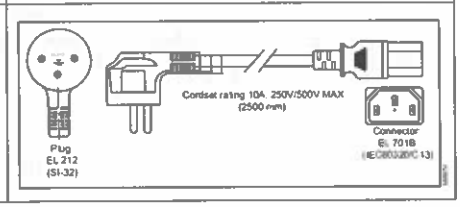
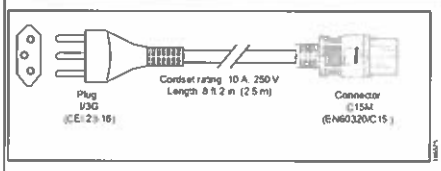
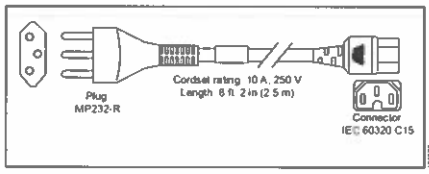
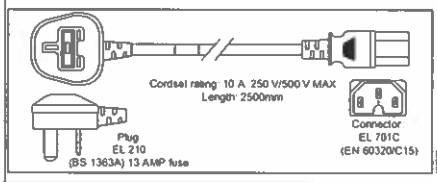
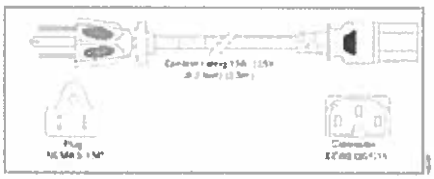
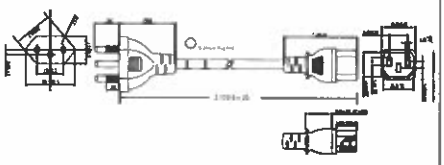
Product ID (PID)	PID Description	Images
CAB-C13-C14-AC	CORD,PWR,JMP,IEC60320/C14,IEC60320/C13, 3.0M	
CAB-250V-10A-AR	Power Cord, 250V, 10A, Argentina	
CAB-9K10A-AU	Power Cord, 250VAC 10A 3112 Plug, Australia	
CAB-250V-10A-CN	AC Power Cord - 250V, 10A - PRC	
CAB-9K10A-EU	Power Cord, 250VAC 10A CEE 7/7 Plug, EU	
CAB-250V-10A-ID	Power Cord, 250V, 10A, India	
CAB-C13-C14-3M-IN	Power Cord Jumper, C13-C14 Connectors, 3 Meter Length, India	Image not available
CAB-C13-C14-IN	Power Cord Jumper,C13-C14 Connectors,1.4 Meter Length, India	Image not available
CAB-250V-10A-IS	Power Cord, SFS, 250V, 10A, Israel	

Table 16 Available Power Cords (for server PSUs less than 2300 W)

Product ID (PID)	PID Description	Images
CAB-9K10A-IT	Power Cord, 250VAC 10A CEI 23-16/VII Plug, Italy	
CAB-9K10A-SW	Power Cord, 250VAC 10A MP232 Plug, Switzerland	
CAB-9K10A-UK	Power Cord, 250VAC 10A BS1363 Plug (13 A fuse), UK	
CAB-9K12A-NA[1]	Power Cord, 125VAC 13A NEMA 5-15 Plug, North America	
CAB-250V-10A-BR	Power Cord - 250V, 10A - Brazil	
CAB-C13C142M-JP-D	Power Cord C13-C14, 2M/6.5ft Japan PSE mark	Image not available
CAB-9K10A-KOR[1]	Power Cord, 125VAC 13A KSC8305 Plug, Korea	Image not available
CAB-ACTW	AC Power Cord (Taiwan), C13, EL 302, 2.3M	Image not available
CAB-JPN-3PIN	Japan, 90-125VAC 12A NEMA 5-15 Plug, 2.4m	Image not available
CAB-48DC40A-INT-D	C-Series -48VDC PSU PWR Cord, 3.5M, 3 Wire, 8AWG, 40A (INT)	Image not available
CAB-48DC-40A-AS-D	C-Series -48VDC PSU PWR Cord, 3.5M, 3Wire, 8AWG, 40A (AS/NZ)	Image not available

Notes:

1. This power cord is rated to 125V and only supported for PSU rated at 1050W or less

Table 17 Available Power Cords (for servers with 2300 W PSUs)

Product ID (PID)	PID Description	Images
CAB-C19-CBN	Cabinet Jumper Power Cord, 250 VAC 16A, C20-C19 Connectors	Not applicable
CAB-S132-C19-ISRL	S132 to IEC-C19 14ft Israeli	Image not available
CAB-IR2073-C19-AR	IRSM 2073 to IEC-C19 14ft Argen	Image not available
CAB-BS1363-C19-UK	BS-1363 to IEC-C19 14ft UK	Image not available
CAB-SABS-C19-IND	SABS 164-1 to IEC-C19 India	Image not available
CAB-C2316-C19-IT	CEI 23-16 to IEC-C19 14ft Italy	Image not available
CAB-US515P-C19-US	NEMA 5-15 to IEC-C19 13ft US	Image not available
CAB-US520-C19-US	NEMA 5-20 to IEC-C19 14ft US	Image not available
CAB-US620P-C19-US	NEMA 6-20 to IEC-C19 13ft US	Image not available
CAB-9K16A-BRZ	Power Cord 250VAC 16A, Brazil, Src Plug EL224-C19	Image not available
CAB-9K16A-KOR	Power Cord 250VAC 16A, Korea, Src Plug	Image not available
CAB-AC-16A-AUS	Power Cord, 250VAC, 16A, Australia C19	Image not available
CAB-AC-2500W-EU	Power Cord, 250Vac 16A, Europe	Image not available
CAB-C14C19-10A-EU	Power Cord C14-C19 10A EU	Image not available
CAB-AC-2500W-INT	Power Cord, 250Vac 16A, INTL	Image not available
CAB-AC-2500W-ISRL	Power Cord,250VAC,16A,Israel	Image not available
CAB-AC-C19-TW	Power Cord, 250 V, 16A, C19, Taiwan	Image not available
CAB-AC-C6K-TWLK	Power Cord, 250Vac 16A, twist lock NEMA L6-20 plug, US	Image not available
CAB-AC16A-CH	16A AC Power Cord For China	Image not available
CAB-ACS-16	AC Power Cord (Swiss) 16A	Image not available
CAB-C19-C20-3M-JP	Power Cord C19-C20, 3M/10ft Japan PSE mark	Image not available
CAB-C19-C20-IND	Power Cord C19-C20 India	Image not available
NO-POWER-CORD	ECO friendly green option, no power cable will be shipped	Image not available

STEP 12 ORDER TOOL-LESS RAIL KIT (REQUIRED) AND REVERSIBLE CABLE MANAGEMENT ARM (OPTIONAL)

- Tool-less Rail Kit:

Select a tool-less rail kit (or no rail kit) from *Table 18*.

NOTE:

- Cisco recommends a minimum quantity of 1 Rail Kit
- If you plan to rackmount your server, you must order a tool-less rail kit.

Table 18 Tool-less Rail Kit Options

Product ID (PID)	PID Description
UCSC-RAIL-D	Ball Bearing Rail Kit for M8 rack servers
UCSC-RAIL-NONE-D	No rail kit option

- Optional Reversible Cable Management Arm:

The reversible cable management arm mounts on either the right or left slide rails at the rear of the server and is used for cable management. Select an Optional Reversible Cable Management Arm from *Table 19*.

NOTE: If you plan to rackmount your server, you must order a tool-less rail kit. The same rail kits and CMAs are used for M6 and M7 servers.

Table 19 Cable Management Arm

Product ID (PID)	PID Description
UCSC-CMA-C240-D	Reversible CMA for M8 ball bearing rail kit

For more information about the tool-less rail kit and cable management arm, check the *Cisco UCS C240 M8 Installation Guide*.

STEP 13 SELECT MANAGEMENT CONFIGURATION (OPTIONAL)

By default, the server NIC mode is configured to be Shared LOM Extended. This NIC mode allows any LOM port or adapter card port to be used to access the Cisco Integrated Management Controller (CIMC). The Cisco VIC card must be installed in a slot with NCSI support.

NOTE:

- There are no LOM ports on the C220 and C240 M8 servers. Servers ordered without a VIC or OCP card will ship in Dedicated network mode, unless otherwise specified by a configurable SW PID **(UCSC-CCARD-01)**
- For full details on all the NIC mode settings, see

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/c/hw/C240M8/install/b-c240-m8-installation-guide.html

Table 20 Management Configuration Ordering Information

Product ID (PID)	PID Description
UCSC-DLOM-01-D	Dedicated Mode BIOS setting for C-Series Servers ■ To change the default NIC mode to Dedicated NIC mode, select this card. ■ In Dedicated NIC mode, the CIMC can be accessed only through the dedicated management port. ■ See *Chassis Rear View, page 5* for the location of the management port
UCSC-CCARD-01-D	Cisco Card Mode BIOS setting for C-Series Servers ■ To change the default NIC mode to Cisco Card Mode, select this card. ■ If Cisco card selected, a VIC or MLOM must also be included in the configuration. if OCP card is included in the configuration, a VIC card must be selected. ■ In this mode, you can assign an IP address to the CIMC using DHCP and from there you can fully automate your deployment.

In addition, the optional software PIDs listed in *Table 24 on page 51* can be ordered for setting the server to operate in various modes.

STEP 14 ORDER SECURITY DEVICES (REQUIRED)

A Trusted Platform Module (TPM) is a computer chip (microcontroller) that can securely store artifacts used to authenticate the platform (server). These artifacts can include passwords, certificates, or encryption keys. A TPM can also be used to store platform measurements that help ensure that the platform remains trustworthy. Authentication (ensuring that the platform can prove that it is what it claims to be) and attestation (a process helping to prove that a platform is trustworthy and has not been breached) are necessary steps to ensure safer computing in all environments.

A chassis intrusion switch gives a notification of any unauthorized mechanical access into the server.

The security device ordering information is listed in *Table 21*



NOTE:

- The TPM module used in this system conforms to TPM 2.0, as defined by the Trusted Computing Group (TCG). It is also SPI-based.
- TPM installation is supported after-factory. However, a TPM installs with a one-way screw and cannot be replaced, upgraded, or moved to another server. If a server with a TPM is returned, the replacement server must be ordered with a new TPM.

Table 21 Security Devices

Product ID (PID)	PID Description
UCS-TPM-002D-D	TPM 2.0 TCG FIPS140-2 CC+ Cert M7 Intel MSW2022 Compliant
UCSX-TPM-OPT-OUT-D	OPT OUT, TPM 2.0, TCG, FIPS140-2, CC EAL4+ Certified[1]
UCSC-INT-SW02-D	C220 and C240 M8 Chassis Intrusion Switch

Notes:

1. Please note that Microsoft certification requires a TPM 2.0 for bare-metal or guest VM deployments. Opt-out of the TPM 2.0 voids the Microsoft certification

STEP 15 SELECT LOCKING SECURITY BEZEL (OPTIONAL)

An optional locking bezel can be mounted to the front of the chassis to prevent unauthorized access to the drives.

Select the locking bezel from *Table 22*.

Table 22 Locking Bezel Option

Product ID (PID)	Description
UCSC-BZL-C240-D	C240 M8 Security Bezel

STEP 16 SELECT OPERATING SYSTEM AND THIRD PARTY SOFTWARE



NOTE:

- See this link for operating system guidance: https://ucshcltool.cloudapps.cisco.com/public/

Table 23 Operating System

Product ID (PID)	PID Description
Microsoft Windows Server	
MSWS-22-ST16C	Windows Server 2022 Standard (16 Cores/2 VMs)
MSWS-22-ST16C-RM	Windows Server 2022 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-22-STA2C	Windows Server 2022 Standard - Additional 2 Cores
MSWS-22-ST16C-NS	Windows Server 2022 Standard (16 Cores/2 VMs) - No Cisco SVC
MSWS-22-ST16C-RM	Windows Server 2022 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-22-STA2C-NS	Windows Server 2022 Stan - Additional 2 Cores - No Cisco SVC
MSWS-22-DC16C	Windows Server 2022 Data Center (16 Cores/Unlimited VMs)
MSWS-22-DC16C-RM	Windows Server 2022 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-22-DCA2C	Windows Server 2022 Data Center - Additional 2 Cores
MSWS-22-DC16C-NS	Windows Server 2022 DC (16 Cores/Unlim VMs) - No Cisco SVC
MSWS-22-DC16C-RM	Windows Server 2022 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-22-DCA2C-NS	Windows Server 2022 DC - Additional 2 Cores - No Cisco SVC
MSWS-25-ST16C	Windows Server 2025 Standard (16 Cores/2 VMs)
MSWS-25-ST16C-RM	Windows Server 2025 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-25-STA2C	Windows Server 2025 Standard - Additional 2 Cores
MSWS-25-STA4C	Windows Server 2025 Standard - Additional 4 Cores
MSWS-25-STA16C	Windows Server 2025 Standard - Additional 16 Cores
MSWS-25-ST16C-NS	Windows Server 2025 Standard (16 Cores/2 VMs) - No Cisco SVC
MSWS-25-ST16C-RM	Windows Server 2025 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-25-STA2C-NS	Windows Server 2025 Stan - Additional 2 Cores - No Cisco SVC
MSWS-25-STA4C-NS	Windows Server 2025 Stan - Additional 4 Cores- No Cisco SVC
MSWS-25-STA16C-NS	Windows Server 2025 Stand - Additional 16 Cores- No Cisco SVC
MSWS-25-ST24C	Windows Server 2025 Standard (24 Cores)

Table 23 Operating System *(continued)*

Product ID (PID)	PID Description
MSWS-25-ST16C-RM	Windows Server 2025 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-25-STA2C	Windows Server 2025 Standard - Additional 2 Cores
MSWS-25-STA4C	Windows Server 2025 Standard - Additional 4 Cores
MSWS-25-STA16C	Windows Server 2025 Standard - Additional 16 Cores
MSWS-25-ST24C-NS	Windows Server 2025 Standard (24 Cores) - No Cisco SVC
MSWS-25-ST16C-RM	Windows Server 2025 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-25-STA2C-NS	Windows Server 2025 Stan - Additional 2 Cores - No Cisco SVC
MSWS-25-STA4C-NS	Windows Server 2025 Stan - Additional 4 Cores- No Cisco SVC
MSWS-25-STA16C-NS	Windows Server 2025 Stand - Additional 16 Cores- No Cisco SVC
MSWS-25-DC16C	Windows Server 2025 Data Center (16 Cores/Unlimited VMs)
MSWS-25-DC16C-RM	Windows Server 2025 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-25-DCA2C	Windows Server 2025 Data Center - Additional 2 Cores
MSWS-25-DCA4C	Windows Server 2025 Data Center - Additional 4 Cores
MSWS-25-DCA16C	Windows Server 2025 Data Center - Additional 16 Cores
MSWS-25-DC16C-NS	Windows Server 2025 DC (16 Cores/Unlim VMs) - No Cisco SVC
MSWS-25-DC16C-RM	Windows Server 2025 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-25-DCA2C-NS	Windows Server 2025 DC - Additional 2 Cores - No Cisco SVC
MSWS-25-DCA4C-NS	Windows Server 2025 DC - Additional 4 Cores- No Cisco SVC
MSWS-25-DCA16C-NS	Windows Server 2025 DC - Additional 16 Cores- No Cisco SVC
MSWS-25-DC24C	Windows Server 2025 Data Center (24 Cores)
MSWS-25-DC16C-RM	Windows Server 2025 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-25-DCA2C	Windows Server 2025 Data Center - Additional 2 Cores
MSWS-25-DCA4C	Windows Server 2025 Data Center - Additional 4 Cores
MSWS-25-DCA16C	Windows Server 2025 Data Center - Additional 16 Cores
MSWS-25-DC24C-NS	Windows Server 2025 DC (24 Cores) - No Cisco SVC
MSWS-25-DC16C-RM	Windows Server 2025 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-25-DCA2C-NS	Windows Server 2025 DC - Additional 2 Cores - No Cisco SVC
MSWS-25-DCA4C-NS	Windows Server 2025 DC - Additional 4 Cores- No Cisco SVC
MSWS-25-DCA16C-NS	Windows Server 2025 DC - Additional 16 Cores- No Cisco SVC

Table 23 Operating System *(continued)*

Product ID (PID)	PID Description
Red Hat	
RHEL-2S2V-1A	Red Hat Enterprise Linux (1-2 CPU,1-2 VN); 1-Yr Support Req
RHEL-2S-RS-1A	RHEL Resilent Storage (1-2 CPU); 1-Yr Support Reqd
RHEL-2S-HA-1A	RHEL High Availability (1-2 CPU); 1-Yr Support Reqd
RHEL-2S2V-3A	Red Hat Enterprise Linux (1-2 CPU,1-2 VN); 3-Yr Support Req
RHEL-2S-RS-3A	RHEL Resilent Storage (1-2 CPU); 3-Yr Support Reqd
RHEL-2S-HA-3A	RHEL High Availability (1-2 CPU); 3-Yr Support Reqd
RHEL-2S2V-5A	Red Hat Enterprise Linux (1-2 CPU,1-2 VN); 5-Yr Support Req
RHEL-2S-RS-5A	RHEL Resilent Storage (1-2 CPU); 5-Yr Support Reqd
RHEL-2S-HA-5A	RHEL High Availability (1-2 CPU); 5-Yr Support Reqd
RHEL-VDC-2SUV-1A	RHEL for Virt Datacenters (1-2 CPU, Unlim VN) 1 Yr Supp Req
RHEL-2S-RS-1A	RHEL Resilent Storage (1-2 CPU); 1-Yr Support Reqd
RHEL-2S-HA-1A	RHEL High Availability (1-2 CPU); 1-Yr Support Reqd
RHEL-VDC-2SUV-3A	RHEL for Virt Datacenters (1-2 CPU, Unlim VN) 3 Yr Supp Req
RHEL-2S-RS-3A	RHEL Resilent Storage (1-2 CPU); 3-Yr Support Reqd
RHEL-2S-HA-3A	RHEL High Availability (1-2 CPU); 3-Yr Support Reqd
RHEL-VDC-2SUV-5A	RHEL for Virt Datacenters (1-2 CPU, Unlim VN) 5 Yr Supp Req
RHEL-2S-RS-5A	RHEL Resilent Storage (1-2 CPU); 5-Yr Support Reqd
RHEL-2S-HA-5A	RHEL High Availability (1-2 CPU); 5-Yr Support Reqd
Red Hat Ent Linux/ High Avail/ Res Strg/ Scal	
RHEL-2S2V-1S	Red Hat Enterprise Linux (1-2 CPU,1-2 VN); Prem 1-Yr SnS
RHEL-2S2V-1YR	Red Hat Enterprise Linux (1-2 CPU,1-2 VN);Premium 24x7 - 1Yr
RHEL-2S2V-3S	Red Hat Enterprise Linux (1-2 CPU,1-2 VN); Prem 3-Yr SnS
RHEL-2S2V-3YR	Red Hat Enterprise Linux (1-2 CPU,1-2 VN);Premium 24x7 - 3Yr
RHEL-2S-HA-1S	RHEL High Availability (1-2 CPU); Premium 1-yr SnS
RHEL-2S-HA-1YR	RHEL High Availability (1-2 CPU); Premium 24x7 - 1 Year
RHEL-2S-HA-3S	RHEL High Availability (1-2 CPU); Premium 3-yr SnS
RHEL-2S-HA-3YR	RHEL High Availability (1-2 CPU); Premium 24x7 - 3 Year
RHEL-2S-RS-1S	RHEL Resilent Storage (1-2 CPU); Premium 1-yr SnS

Table 23 Operating System *(continued)*

Product ID (PID)	PID Description
RHEL-2S-RS-1YR	RHEL Resilent Storage (1-2 CPU); Premium 24x7 - 1 Year
RHEL-2S-RS-3S	RHEL Resilent Storage (1-2 CPU); Premium 3-yr SnS
RHEL-2S-RS-3YR	RHEL Resilent Storage (1-2 CPU); Premium 24x7 - 3 Year
RHEL-VDC-2SUV-1S	RHEL for Virt Datacenters (1-2 CPU, Unlim VN) 1 Yr SnS Reqd
RHEL-VDC-2SUV1YR	RHEL for Virtual Datacenters Premium 24x7 - 1 Yr SnS
RHEL-VDC-2SUV-3S	RHEL for Virt Datacenters (1-2 CPU, Unlim VN) 3 Yr SnS Reqd
RHEL-VDC-2SUV3YR	RHEL for Virtual Datacenters Premium 24x7 - 3 Yr SnS
Red Hat SAP	
RHEL-SAP-2S2V-1S	RHEL for SAP Apps (1-2 CPU, 1-2 VN); Prem 1-Yr SnS
RHEL-SAP-2S2V1YR	RHEL for SAP Apps (1-2 CPU, 1-2 VN); Premium 24x7 - 1-Yr
RHEL-SAP-2S2V-3S	RHEL for SAP Apps (1-2 CPU, 1-2 VN); Prem 3-Yr SnS
RHEL-SAP-2S2V3YR	RHEL for SAP Apps (1-2 CPU, 1-2 VN); Premium 24x7 - 3-Yr
RHEL-SAPSP-3S	RHEL SAP Solutions Premium - License with 3 Years of SnS
RHEL-SAPSS-3S	RHEL SAP Solutions Standard - License with 3 Years of SnS
SUSE	
SLES-2S2V-1S	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); Prio 1-Yr SnS
SLES-2S2V-1YR	SUSE Linux Entp Svr (1-2 CPU,1-2 VM); Prio SnS 24x7 - 1 Year
SLES-2S2V-3S	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); Prio 3-Yr SnS
SLES-2S2V-3YR	SUSE Linux Entp Svr (1-2 CPU,1-2 VM); Prio SnS 24x7 - 3 Year
SLES-2S2V-5S	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); Prio 5-Yr SnS
SLES-2S2V-5YR	SUSE Linux Entp Svr (1-2 CPU,1-2 VM); Prio SnS 24x7 - 5 Year
SLES-2S-HA-1S	SUSE Linux High Availability Ext (1-2 CPU); 1Yr SnS
SLES-2S-HA-1YR	SUSE Linux High Avail Ext (1-2 CPU); Inherited SnS - 1 Year
SLES-2S-HA-3S	SUSE Linux High Availability Ext (1-2 CPU); 3Yr SnS
SLES-2S-HA-3YR	SUSE Linux High Avail Ext (1-2 CPU); Inherited SnS - 3 Year
SLES-2S-HA-5S	SUSE Linux High Availability Ext (1-2 CPU); 5Yr SnS
SLES-2S-HA-5YR	SUSE Linux High Avail Ext (1-2 CPU); Inherited SnS - 1 Year
SLES-2S-GC-1S	SUSE Linux GEO Clustering for HA (1-2 CPU); 1Yr Sns
SLES-2S-GC-1YR	SUSE Linux Geo Clustering (1-2 CPU); Inherited SnS - 1 Year

Table 23 Operating System *(continued)*

Product ID (PID)	PID Description
SLES-2S-GC-3S	SUSE Linux GEO Clustering for HA (1-2 CPU); 3Yr SnS
SLES-2S-GC-3YR	SUSE Linux Geo Clustering (1-2 CPU); Inherited SnS - 3 Year
SLES-2S-GC-5S	SUSE Linux GEO Clustering for HA (1-2 CPU); 5Yr SnS
SLES-2S-GC-5YR	SUSE Linux Geo Clustering (1-2 CPU); Inherited SnS - 5 Year
SLES-2S-LP-1S	SUSE Linux Live Patching Add-on (1-2 CPU); 1Yr SnS Required
SLES-2S-LP-1YR	SUSE Linux Live Patching Add-on (1-2 CPU); Inherited SnS 1 Yr
SLES-2S-LP-3S	SUSE Linux Live Patching Add-on (1-2 CPU); 3Yr SnS Required
SLES-2S-LP-3YR	SUSE Linux Live Patching Add-on (1-2 CPU); Inherited SnS 3 Yr
SLES-2SUVM-1S	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; Prio 1Y SnS
SLES-2SUVM-1YR	SUSE Linux Entp Svr (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 1Y
SLES-2SUVM-3S	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; Prio 3Y SnS
SLES-2SUVM-3YR	SUSE Linux Entp Svr (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 3Y
SLES-2SUVM-5S	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; Prio 5Y SnS
SLES-2SUVM-5YR	SUSE Linux Entp Svr (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 5Y
SLES-2S2V-1A	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); 1-Yr Support Reqd
SLES-2S2V-3A	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); 3-Yr Support Reqd
SLES-2S2V-5A	SUSE Linux Enterprise Svr (1-2 CPU,1-2 VM); 5-Yr Support Reqd
SLES-2S-LP-1A	SUSE Linux Live Patching Add-on (1-2 CPU); 1Yr Support Req
SLES-2S-LP-3A	SUSE Linux Live Patching Add-on (1-2 CPU); 3Yr Support Req
SLES-2SUVM-1A	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; D1Y Supp Req
SLES-2SUVM-3A	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; D3Y Supp Req
SLES-2SUVM-5A	SUSE Linux Enterprise Svr (1-2 CPU,Unl VM) LP; D5Y Supp Req
SLES and SAP	
SLES-SAP-2S2V-1S	SLES for SAP Apps (1-2 CPU, 1-2 VM); Priority 1-Yr SnS
SLES-SAP-2S2V1YR	SUSE for SAP Apps; (1-2 CPU,1-2 VM); Prio SnS 24x7 - 1 Year
SLES-SAP-2S2V-3S	SLES for SAP Apps (1-2 CPU, 1-2 VM); Priority 3-Yr SnS
SLES-SAP-2S2V3YR	SUSE for SAP Apps; (1-2 CPU,1-2 VM); Prio SnS 24x7 - 3 Year
SLES-SAP-2S2V-5S	SLES for SAP Apps (1-2 CPU, 1-2 VM); Priority 5-Yr SnS
SLES-SAP-2S2V5YR	SUSE for SAP Apps; (1-2 CPU,1-2 VM); Prio SnS 24x7 - 5 Year

Table 23 Operating System *(continued)*

Product ID (PID)	PID Description
SLES-SAP2SUVM-1S	SLES for SAP Apps (1-2 CPU, Unl VM) LP; Priority 3Y SnS
SLES-SAP2SUVM-1YR	SUSE for SAP Apps; (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 1Y
SLES-SAP2SUVM-3S	SLES for SAP Apps (1-2 CPU, Unl VM) LP; Priority 3Y SnS
SLES-SAP2SUVM-3YR	SUSE for SAP Apps; (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 3Y
SLES-SAP2SUVM-5S	SLES for SAP Apps (1-2 CPU, Unl VM) LP; Priority 3Y SnS
SLES-SAP2SUVM-5YR	SUSE for SAP Apps; (1-2 CPU,Unl VM) LP; Prio SnS 24x7 - 5Y
SLES-SAP-2S2V-1A	SLES for SAP Apps (1-2 CPU, 1-2 VM); 1-Yr Support Reqd
SLES-SAP-2S2V-3A	SLES for SAP Apps (1-2 CPU, 1-2 VM); 3-Yr Support Reqd
SLES-SAP-2S2V-5A	SLES for SAP Apps (1-2 CPU, 1-2 VM); 5-Yr Support Reqd
SLES-SAP2SUVM-1A	SLES for SAP Apps w/ HA (1-2 CPU, Unl VM) LP; 1Y Supp Reqd
SLES-SAP2SUVM-3A	SLES for SAP Apps w/ HA (1-2 CPU, Unl VM) LP; 3Y Supp Reqd
SLES-SAP2SUVM-5A	SLES for SAP Apps w/ HA (1-2 CPU, Unl VM) LP; 5Y Supp Reqd
3rd Party Software-RedHat	

Table 24 3rd Party Software-RedHat

Product ID (PID)	PID Description
Red Hat OpenShift	
RH-OKE-B-P1S	OpenShift Kubernetes Eng(BM),Prem 1Y SnS Req(1-2 CPU-64core)
RH-OKE-B-P1Y	OpenShiftKubernetesEngine(BM),Prem1YSnS(1-2 CPUupto64cores)
RH-OKE-B-P3S	OpenShiftKubernetesEngine(BM),Prem 3YSnS Req(1-2 CPU-64core)
RH-OKE-B-P3Y	OpenShiftKubernetesEngine(BM),Prem 3YSnS(1-2CPUupto64cores)
RH-OCP-B-P1S	OpenShiftContainerPlatform(BM),Prem 1YSnS Req(1-2CPU-64core)
RH-OCP-B-P1Y	OpenShiftContainerPlatform(BM),Prem1YrSnS(1-2CPUupto64cores)
RH-OCP-B-P3S	OpenShiftContainerPlatform(BM),Prem 3YSnS Req(1-2CPU-64core)
RH-OCP-B-P3Y	OpenShiftContainerPlatform(BM),Prem3YSnS(1-2CPUupto64cores)
RH-OPP-B-P1S	OpenShift Platform Plus(BM),Prem 1Y SnS Req(1-2 CPU-64cores)
RH-OPP-B-P1Y	OpenShiftPlatformPlus(BM),Prem1YSnS(1-2CPU upto 64cores)
RH-OPP-B-P3S	OpenShift Platform Plus(BM),Prem 3Y SnS Req(1-2 CPU-64cores)
RH-OPP-B-P3Y	OpenShiftPlatformPlus(BM),Prem3YSnS(1-2CPU upto 64cores)

Table 24 3rd Party Software-RedHat

Product ID (PID)	PID Description
RH-OPPDF-B-P1S	OPP and ODF Adv (BM), Prem 1Y SnS Req (1-2CPU upto 64cores)
RH-OPPDF-B-P1Y	OPP and ODF Adv (BM), Prem 1-Yr SnS (1-2CPU upto 64cores)
RH-OPPDF-B-P3S	OPP and ODF Adv (BM), Prem 3Y SnS Req (1-2CPU upto 64cores)
RH-OPPDF-B-P3Y	OPP and ODF Adv (BM), Prem 3-Yr SnS (1-2CPU upto 64cores)
RH-ACM-B-P1S	AdvancedClusterMgmt for OKE(BM),Prem 1YSnSReq(1-2CPU-64core)
RH-ACM-B-P1Y	AdvancedClusterMgmtforOKE(BM),Prem1YSnS(1-2CPU upto 64cores)
RH-ACM-B-P3S	AdvancedClusterMgmt for OKE(BM),Prem 3YSnSReq(1-2CPU-64core)
RH-ACM-B-P3Y	AdvancedClusterMgmtforOKE(BM),Prem3YSnS(1-2CPU upto 64cores)
RH-OAI-B-P1S	OpenShift AI (BM), Prem 1Y SnS Req (1-2 CPU upto 64 cores)
RH-OAI-B-P1Y	OpenShift AI (BM), Prem 1-Yr SnS (1-2 CPU upto 64 cores)
RH-OAI-B-P3S	OpenShift AI (BM), Prem 3Y SnS Req (1-2 CPU upto 64 cores)
RH-OAI-B-P3Y	OpenShift AI (BM), Prem 3-Yr SnS (1-2 CPU upto 64 cores)
RH-OCP-V-P1S	OpenShift Container Platform,Prem 1Y SnS Req(2core or 4vCPU)
RH-OCP-V-P1Y	OpenShiftContainerPlatform,Prem1YSnS(2 cores or 4vCPUs)
RH-OCP-V-P3S	OpenShift Container Platform,Prem 3Y SnS Req(2core or 4vCPU)
RH-OCP-V-P3Y	OpenShiftContainerPlatform,Prem3YSnS(2cores or 4vCPUs)
RH-OPP-V-P1S	OpenShift Platform Plus,Prem 1Y SnS Req(2 cores or 4vCPUs)
RH-OPP-V-P1Y	OpenShift Platform Plus, Prem 1Y SnS (2 cores or 4vCPUs)
RH-OPP-V-P3S	OpenShift Platform Plus,Prem 3Y SnS Req(2 cores or 4vCPUs)
RH-OPP-V-P3Y	OpenShift Platform Plus, Prem 3Y SnS (2 cores or 4vCPUs)
RH-OPPDF-V-P1S	OpenShiftPlatformPlus & ODFAdv,Prem 1YSnSReq(2core or 4vCPU)
RH-OPPDF-V-P1Y	OpenShiftPlatformPlus and ODFAdv,Prem1YSnS(2cores or 4vCPUs)
RH-OPPDF-V-P3S	OpenShiftPlatformPlus & ODFAdv,Prem 3YSnSReq(2core or 4vCPU)
RH-OPPDF-V-P3Y	OpenShiftPlatformPlus and ODFAdv,Prem3YSnS(2cores or 4vCPUs)
RH-OAI-V-P1S	OpenShift AI, Prem 1Y SnS Req (2 cores or 4vCPUs)
RH-OAI-V-P1Y	OpenShift AI, Prem 1-Yr SnS (2 cores or 4vCPUs)
RH-OAI-V-P3S	OpenShift AI, Prem 3Y SnS Req (2 cores or 4vCPUs)
RH-OAI-V-P3Y	OpenShift AI, Prem 3-Yr SnS (2 cores or 4vCPUs)
Red Hat Ansible	

Table 24 3rd Party Software-RedHat

Product ID (PID)	PID Description
RH-AAP-1UCS-P1S	Ansible Automation Platform,Prem 1Y SnS Req(One UCS Server)
RH-AAP-1UCS-P1Y	Ansible Automation Platform, Prem 1Y SnS (One UCS Server)
RH-AAP-1UCS-P3S	Ansible Automation Platform,Prem 3Y SnS Req(One UCS Server)
RH-AAP-1UCS-P3Y	Ansible Automation Platform, Prem 3Y SnS (One UCS Server)
RH-AAP-100EP-P1S	Ansible Automation Platform,Prem 1Y SnS Req(100 End Points)
RH-AAP-100EP-P1Y	Ansible Automation Platform, Prem 1Y Sns (100 End Points)
RH-AAP-100EP-P3S	Ansible Automation Platform,Prem 3Y SnS Req(100 End Points)
RH-AAP-100EP-P3Y	Ansible Automation Platform, Prem 3Y SnS (100 End Points)

STEP 17 CHOOSE OPTIONAL OPERATING SYSTEM MEDIA KIT

Select the optional operating00 system media listed in *Table 25*.

Table 25 OS Media

Product ID (PID)	PID Description
MSWS-19-ST16CD-RM	Windows Server 2019 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-19-DC16CD-RM	Windows Server 2019 DC (16Cores/Unlim VM) Rec Media DVD Only
MSWS-22-ST16CD-RM	Windows Server 2022 Stan (16 Cores/2 VMs) Rec Media DVD Only
MSWS-22-DC16CD-RM	Windows Server 2022 DC (16Cores/Unlim VM) Rec Media DVD Only

STEP 18 CISCO INTERSIGHT

Cisco Intersight™ is a Software-as-a-Service (SaaS) hybrid cloud operations platform which delivers intelligent automation, observability, and optimization to customers for traditional and cloud-native applications and infrastructure.

Product ID (PID)	
DC-MGT-SAAS	Cisco Intersight SaaS

Select Cisco Intersight subscription option as desired from *Table 26*

Table 26 Cisco Intersight

Product ID (PID)	PID Description
Cisco Intersight 2.0 Infrastructure Services	
DC-MGT-IS-SAAS-ES[1]	Infrastructure Services SaaS/CVA - Essentials
DC-MGT-IS-SAAS-AD[1]	Infrastructure Services SaaS/CVA - Advantage
DC-MGT-IS-PVAPP-ES[1]	Infrastructure Services PVA - Essentials
DC-MGT-IS-PVAPP-AD[1]	Infrastructure Services PVA - Advantage
Add-Ons	
DC-MGT-IS-UCSD	UCS Director - 1 Server License (includes Network, Storage)
Cisco Intersight Workload Optimizer (IWO) - SaaS	
VM Instance	
DC-MGT-WO-SAAS-ES[1]	Cisco Intersight Workload Optimizer SaaS - Essentials
DC-MGT-WO-SAAS-AD[1]	Cisco Intersight Workload Optimizer SaaS - Advantage
DC-MGT-WO-SAAS-PR[1]	Cisco Intersight Workload Optimizer SaaS - Premier
VDI Instance	
DC-MGT-WOD-SAAS-ES[1]	Cisco Intersight Workload Optimizer SaaS VDI - Essentials
DC-MGT-WOD-SAAS-AD[1]	Cisco Intersight Workload Optimizer SaaS VDI - Advantage
DC-MGT-WOD-SAAS-PR[1]	Cisco Intersight Workload Optimizer SaaS VDI - Premier

Notes:
1. Smart account (SA) required

Select Cisco Intersight support option as desired from *Table 27*

Table 27 Cisco Intersight Support

Product ID (PID)	PID Description
Cisco Intersight Support	
SVS-SSTCS-DCMGMT[1]	Solution Support for DC Mgmnt
SVS-L1DCS-INTER[1]	CXL1 for INTERSIGHT
SVS-L2DCS-INTER[1]	CXL2 for INTERSIGHT
SVS-DCM-SUPT-BAS	Basic Support for DCM

Notes:

1. Smart account (SA) required



NOTE: An Intersight license is required for every server.

SUPPLEMENTAL MATERIAL

PCIe Port Assignment

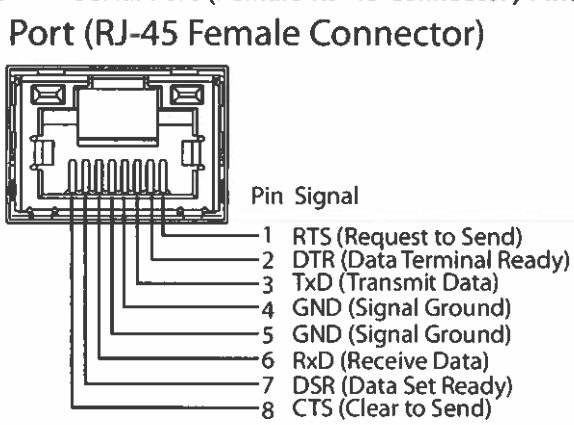
Slots	CPU1	CPU2
Riser 1 A	Slot 1: Gen5 x8 Slot 2: Gen5 x16 Slot 3: Gen5 x8	
Riser 1 B	Gen4 x4 each drive	
Riser 1 C	Slot 1: Gen5 x16 Slot 2: Gen5 x16	
Riser 2 A		Slot 4: Gen5 x8 Slot 5: Gen5 x16 Slot 6: Gen5 x8
Riser 2 C		Slot 4: Gen5 x16 Slot 5: Gen5 x16
Riser 3 A		Slot 7: Gen5 x8 Slot 8: Gen5 x8
Riser 3 B		Gen4 x4 each drive
Riser 3 C		Slot 7: Gen5 x16
mLOM / OCP	Gen4 x16	
RAID/HBA 1	Gen4 x16	
RAID/HBA 2		Gen4 x16
SFF NVMe slots 1,2,3,4[1]		Gen4 x4 each
SFF NVMe slots 21,22,23,24[1]	Gen4 x4 each	
M.2 Boot RAID	Gen3 x2	

Notes:

1. NVMe Drives are connected directly to CPUs if not behind a Raid controller

Serial Port Details

Figure 5 Serial Port (Female RJ-45 Connector) Pinout



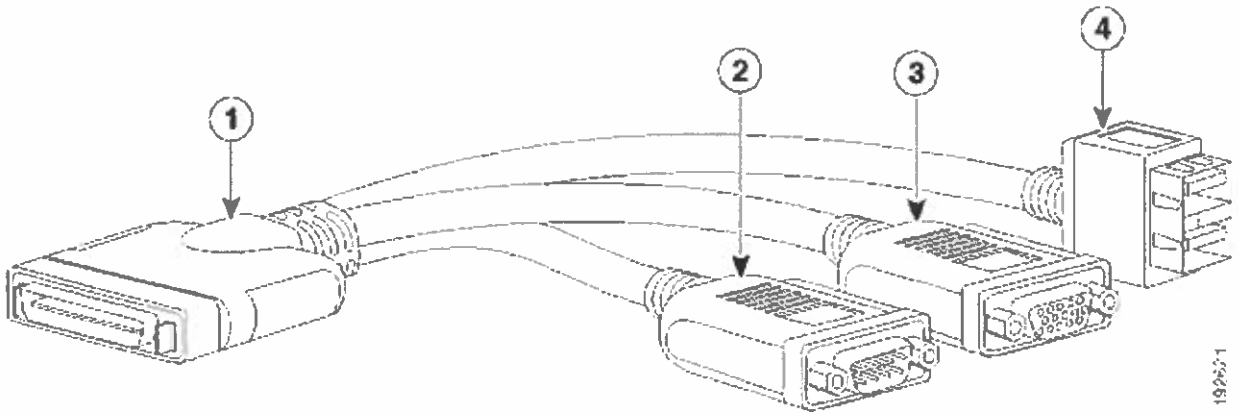
KVM Cable

The KVM cable provides a connection into the server, providing a DB9 serial connector, a VGA connector for a monitor, and dual USB ports for a keyboard and mouse. With this cable, you can create a direct connection to the operating system and the BIOS running on the server.

Table 28 KVM Cable

Product ID (PID)	PID Description
N20-BKVM	KVM cable for UCS Server console port

Figure 6 KVM Cable



1	Connector (to server front panel)	3	VGA connector (for a monitor)
2	DB-9 serial connector	4	Two-port USB connector (for a mouse and keyboard)

TECHNICAL SPECIFICATIONS

Dimensions and Weight

Table 29 Dimensions and Weight

Parameter	Value
Height	3.42 in. (8.7 cm)
Width (including slam latches)	16.9 in.(42.9 cm)
Depth	30 in. (76.2 cm)
Weight	
0*2.5" HDDs, 0*CPU(w/o HS), 0*DIMM, 1*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe)	19.47 kg = 42.92 lb
0*2.5" HDDs, 0*CPU(w/o HS), 0*DIMM, 1*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe), **Rail kit**	23.23 kg = 51.21 lb
1*2.5" HDDs, 1*CPU(w/HS), 1*DIMM, 1*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe)	20.31 kg = 44.78 lb
1*2.5" HDDs, 1*CPU(w/HS), 1*DIMM, 1*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe), **Rail kit**	24.07 kg = 53.07 lb
24*2.5" HDDs, 2*CPU(w/HS), 32*DIMM, 2*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe)	28.96 kg = 63.85 lb
24*2.5" HDDs, 2*CPU(w/HS), 32*DIMM, 2*2300W PSU, 2*Raid tray, mLOM, riser cage 1(w/o PCIe), riser cage 2(w/o PCIe), riser cage 3(w/o PCIe), **Rail kit**	32.72 kg = 72.14 lb

Power Specifications

The server is available with the following types of power supplies:

- 1050W (DC) power supply (see *Table 30*)
- 1200 W (AC) power supply (see *Table 31*)
- 1600 W (AC) power supply (see *Table 32*)
- 2300 W (AC) power supply (see *Table 33*)

Table 30 1050W (DC) Power Supply Specifications

Parameter	Specification
Input Connector	Molex 42820
Input Voltage Range (V rms)	-48
Maximum Allowable Input Voltage Range (V rms)	-40 to -72
Frequency Range (Hz)	NA
Maximum Allowable Frequency Range (Hz)	NA
Maximum Rated Output (W)	1050
Maximum Rated Standby Output (W)	36
Nominal Input Voltage (V rms)	-48
Nominal Input Current (A rms)	24
Maximum Input at Nominal Input Voltage (W)	1154
Maximum Input at Nominal Input Voltage (VA)	1154
Minimum Rated Efficiency (%)[1]	91
Minimum Rated Power Factor[1]	NA
Maximum Inrush Current (A peak)	15
Maximum Inrush Current (ms)	0.2
Minimum Ride-Through Time (ms)[2]	5

Notes:

1. This is the minimum rating required to achieve 80 PLUS Platinum certification, see test reports published at http://www.80plus.org/ for certified values
2. Time output voltage remains within regulation limits at 100% load, during input voltage dropout

Table 31 1200 W (AC) Power Supply Specifications

Parameter	Specification			
Input Connector	IEC320 C14			
Input Voltage Range (Vrms)	100 to 240			
Maximum Allowable Input Voltage Range (Vrms)	90 to 264			
Frequency Range (Hz)	50 to 60			
Maximum Allowable Frequency Range (Hz)	47 to 63			
Maximum Rated Output (W)[1]	1100		1200	
Maximum Rated Standby Output (W)	48			
Nominal Input Voltage (Vrms)	100	120	208	230
Nominal Input Current (Arms)	12.97	10.62	6.47	5.84
Maximum Input at Nominal Input Voltage (W)	1300	1264	1343	1340
Maximum Input at Nominal Input Voltage (VA)	1300	1266	1345	1342
Minimum Rated Efficiency (%)[2]	90	90	91	91
Minimum Rated Power Factor[2]	0.97	0.97	0.97	0.97
Maximum Inrush Current (A peak)	20			
Maximum Inrush Current (ms)	0.2			
Minimum Ride-Through Time (ms)[3]	12			

Notes:

1. Maximum rated output is limited to 1100W when operating at low-line input voltage (100-127V)
2. This is the minimum rating required to achieve 80 PLUS Titanium certification, see test reports published at http://www.80plus.org/ for certified values
3. Time output voltage remains within regulation limits at 100% load, during input voltage dropout

Table 32 1600 W (AC) Power Supply Specifications

Parameter	Specification			
Input Connector	IEC320 C14			
Input Voltage Range (V rms)	200 to 240			
Maximum Allowable Input Voltage Range (V rms)	180 to 264			
Frequency Range (Hz)	50 to 60			
Maximum Allowable Frequency Range (Hz)	47 to 63			
Maximum Rated Output (W)	1600			
Maximum Rated Standby Output (W)	36			
Nominal Input Voltage (V rms)	100	120	208	230
Nominal Input Current (A rms)	NA	NA	8.8	7.9
Maximum Input at Nominal Input Voltage (W)	NA	NA	1778	1758
Maximum Input at Nominal Input Voltage (VA)	NA	NA	1833	1813
Minimum Rated Efficiency (%)[1]	NA	NA	90	91
Minimum Rated Power Factor[2]	NA	NA	0.97	0.97
Maximum Inrush Current (A peak)	30			
Maximum Inrush Current (ms)	0.2			
Minimum Ride-Through Time (ms)[2]	12			

Notes:

1. This is the minimum rating required to achieve 80 PLUS Platinum certification, see test reports published at http://www.80plus.org/ for certified values
2. Time output voltage remains within regulation limits at 100% load, during input voltage dropout

Table 33 2300 W (AC) Power Supply Specifications

Parameter	Specification			
Input Connector	IEC320 C20			
Input Voltage Range (Vrms)	100 to 240			
Maximum Allowable Input Voltage Range (Vrms)	90 to 264			
Frequency Range (Hz)	50 to 60			
Maximum Allowable Frequency Range (Hz)	47 to 63			
Maximum Rated Output (W)[1]	2300			
Maximum Rated Standby Output (W)	36			
Nominal Input Voltage (Vrms)	100	120	208	230
Nominal Input Current (Arms)	13	11	12	10.8
Maximum Input at Nominal Input Voltage (W)	1338	1330	2490	2480
Maximum Input at Nominal Input Voltage (VA)	1351	1343	2515	2505
Minimum Rated Efficiency (%)[2]	92	92	93	93
Minimum Rated Power Factor[2]	0.99	0.99	0.97	0.97
Maximum Inrush Current (A peak)	30			
Maximum Inrush Current (ms)	0.2			
Minimum Ride-Through Time (ms)[3]	12			

Notes:

1. Maximum rated output is limited to 1200W when operating at low-line input voltage (100-127V)
2. This is the minimum rating required to achieve 80 PLUS Titanium certification, see test reports published at http://www.80plus.org/ for certified values
3. Time output voltage remains within regulation limits at 100% load, during input voltage dropout



NOTE: For configuration-specific power specifications, use the Cisco UCS Power Calculator at this URL: http://ucspowercalc.cisco.com

Compliance Requirements

The regulatory compliance requirements for C-Series servers are listed in *Table 34*.

Table 34 UCS C-Series Regulatory Compliance Requirements

Parameter	Description
Regulatory Compliance	Products should comply with CE Markings per directives 2014/30/EU and 2014/35/EU
Safety	UL 60950-1/62368-1 CAN/CSA-C22.2 No. 60950-1/62368-1 IEC/EN 60950-1/62368-1 AS/NZS 62368.1 GB 4943.1-2022 CNS 15598-1:2020
EMC - Emissions	47CFR Part 15 (CFR 47) Class A AS/NZS CISPR32 Class A CISPR32 Class A EN55032 Class A ICES003 Class A VCCI-CISPR32 Class A EN61000-3-2 EN61000-3-3 KS C 9832 Class A EN 300386 Class A
EMC - Immunity	EN55035 EN55024 CISPR24/35 EN300386 KS C 9835 IEC/EN61000-6-1

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	Unit Price	Quantity	Subtotal
PowerEdge R360 - [AMER_R360_18250] Estimated delivery if purchased today: Dec. 02, 2025 Contract # C000001019611 Customer Agreement # NCPA 01-143	$4,207.73	1	$4,207.73

Description	SKU	Unit Price	Quantity	Subtotal

PowerEdge R360 Server	210-BJTR	-	1	-
Trusted Platform Module 2.0 V6	461-AAIG	-	1	-
3.5" Chassis with up to 4 Hot Plug Hard Drives, Front PERC	321-BKHN	-	1	-
Intel Xeon 6 Performance 6353P 2.7G, 8C/16T, 24M Cache, Turbo, (65W) DDR5-4800	338-CSXT	-	1	-
Heatsink	412-BBHK	-	1	-
Performance Optimized	370-AAIP	-	1	-
5600MT/s UDIMMs	370-BCBM	-	1	-
Unconfigured RAID	780-BCDS	-	1	-
PERC H755 SAS Front	405-AAZB	-	1	-
Front PERC Mechanical Parts, front load	750-ACFR	-	1	-
Performance BIOS Settings	384-BBBL	-	1	-
UEFI BIOS Boot Mode with GPT Partition	800-BBDM	-	1	-
No Energy Star	387-BBEY	-	1	-
No Additional FAN for 3.5" Chassis	384-BDMK	-	1	-
Single, (1+0) Non Redundant, Hot-Plug Power Supply, 600W MM (100-240Vac)	450-AMDI	-	1	-
Riser Config 0, No Riser	330-BCML	-	1	-
PowerEdge R360 Motherboard with with Broadcom 5720 Dual Port 1Gb On-Board LOM, MLK	338-CSXB	-	1	-
PowerEdge 1U Standard Bezel	325-BEVH	-	1	-
Dell Luggage Tag R360	350-BCTP	-	1	-
BOSS Blank	470-AFBU	-	1	-
No Operating System	619-ABVR	-	1	-
No Media Required	605-BBFN	-	1	-
Dell Connectivity Client - Disabled	379-BFXT	-	1	-
Dell Connectivity Module	634-CYDF	-	1	-
iDRAC9, Basic 16G	780-BCXH	-	1	-
Secured Component Verification	528-COYT	-	1	-
Dell Secure Onboarding Client Disabled	634-CZRQ	-	1	-
iDRAC,Factory Generated Password, No OMQR	379-BCRG	-	1	-
iDRAC Group Manager, Disabled	379-BCQY	-	1	-
ReadyRails Sliding Rails Without Cable Management Arm (A12)	770-BCWN	-	1	-
No Systems Documentation, No OpenManage DVD Kit	631-AACK	-	1	-
PowerEdge R360 Shipping	340-DLXS	-	1	-
PowerEdge R350/R360 Shipping Material for 3.5" Chassis	340-CWUL	-	1	-

PowerEdge R360 CCC Marking, No CE Marking	389-FFNB	-	1	-
ProSupport Plus Mission Critical 7x24 Technical Support and Assistance 5 Years	707-6816	-	1	-
ProSupport Plus Mission Critical 4-Hour 7x24 Onsite Service with Emergency Dispatch 4 Years Extended	707-6827	-	1	-
ProSupport Plus Mission Critical 4-Hour 7x24 Onsite Service with Emergency Dispatch 1 Year	707-6833	-	1	-
Dell Hardware Limited Warranty Plus Onsite Service	707-6946	-	1	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit //www.dell.com/contactdell	951-2015	-	1	-
Dell Hardware Limited Warranty Plus On Site Service Extended Year	955-9041	-	1	-
Basic Deployment PowerEdge R Series 1u2u	885-0606	-	1	-
16GB UDIMM, 5600MT/s ECC	370-BBZG	-	2	-
600GB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in with 3.5in HYB CARR Hot-Plug	161-BCDK	-	4	-
Power Cord - NEMA 5-15P to C13, 3M, 125V, 15A (North America, Guam, North Marianas, Philippines, Samoa, Vietnam)	450-AALV	-	1	-

Subtotal:	**$4,207.73**
Shipping:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$4,207.73**

CONNECT WITH DELL:

BROWSE MORE OPTIONS:

- IT Transformation
- Laptops
- Desktops
- Servers & Storage
- 2-in-1's
- Electronics & Accessories
- Financing Options
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- Dell Support
- Subscription Center
- Events
- Dell Premier

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All products, pricing, and other information is based on the latest information available and is subject to change for any reason, including but not limited to tariffs imposed by government authorities. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dellemc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

Server Refresh

Description	Price	Qty	Ext. Price
Heatsink for C240M8 w/o GPU	$0.00	3	$0.00
UCS DDR5 DIMM Blanks	$0.00	72	$0.00
C240 M7/M8 2U Riser2 Filler Blank	$0.00	3	$0.00
10GBASE-CU SFP+ Cable 3 Meter	$100.00	6	$600.00
Intel I6527P 3.0GHz/255W 24C/144MB DDR5 6400MT/s	$8,631.71	3	$25,895.13
		Subtotal:	**$144,447.51**

Microsoft Server Licenses

Description	Price	Qty	Ext. Price
Windows Server 2025 Datacenter (Perpetual - does not include SA)			
Windows Server 2025 Datacenter - 16 Core (NCE COM BAS PER 1TM)	$6,770.00	3	$20,310.00
Windows Server 2025 Datacenter - 2 Core (NCE COM BAS PER 1TM)	$826.77	12	$9,921.24
Windows Server 2025 DC or STD - 1 User CAL (NCE COM BAS PER 1TM)	$50.00	225	$11,250.00
		Subtotal:	**$41,481.24**

M8 Server Core Count Upgrade & Microsoft Data Center Licensing FY 2026

Prepared by:

Total Communications
Eric Moore
860-622-4153
ericmoore@totalcomm.com

Prepared for:

Waterford, Town Of
Town Hall Complex
15 Rope Ferry Road
Waterford, CT 06385-2886
Jeff Robillard
(860) 442-0553
jrobillard@waterfordct.org

Quote Information:

Quote #: 002030
Version: 3
Delivery Date: 12/23/2025
Expiration Date: 06/30/2026

Quote Summary

Description	Amount
Server Refresh	$144,447.51
Microsoft Server Licenses	$41,481.24
Total:	**$185,928.75**

Taxes, shipping, handling, tariffs, and other fees may apply. We reserve the right to adjust pricing or cancel orders arising from economic or supply chain fluctuations, including but not limited to changes in trade regulations or global market conditions.

Total Communications

Signature: _____

Name: Eric Moore

Title: Major Account Executive

Date: 12/23/2025

Waterford, Town Of

Signature: _____

Name: Jeff Robillard

Date: _____

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY IT Department	**CONTACT PERSON** Jeffrey Robillard
PROJECT NAME Wireless Upgrade/Replace	**DEPARTMENT PRIORITY** 3

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Meraki access points are the physical devices installed in all buildings to allow connectivity to WIFI town, public safety, and public access guest networks. They are a cloud managed and licensed device that will continue to work as long as they are licensed, however, once past their end of service date they no longer receive updates for cyber security issues or feature updates. This request is to replace our Meraki Access points that will no longer be supported after FY26 over a two year period. In FY27 QTY 27 for Police Department, Community Center, and Library. In FY28 QTY 31 for the firehouses, food bank building, and the municipal complex.
2	**PROJECT STATUS IF IN PROGRESS**
	N/A
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	N/A
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	No Impact
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	N/A
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Quote estimate and information on the access points attached.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		9,761	11,767			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**9,761**	**11,767**	**0**	**0**	**0**

TOTAL COMMUNICATIONS | SALES AUTHORIZATION

Client:	Town of Waterford	**Date Order Taken:**	
Contact Name:	Jeff Robillard	**Install/Ship Date:**	
Contact Email:	jrobillard@waterfordct.org	**Phone #:**	
Install Address:	15 Rope Ferry Road	**Client P.O. #:**	
Street 2:		**Account Manager:**	
City:	Waterford	**Engineer:**	
State:	CT		
Zip:		**Equipment:** ☐ Purchase ☐ Lease ☐ Subscription	

Quantity	Item	Unit Price	Extension
	Meraki MR36 Access Points		
27	FY 2027 Meraki MR 36 Estimate	$361.49	$9,760.23
31	FY 2028 Meraki MR 36 Estimate	$379.56	$11,766.36

Return & Pricing: A signed copy of this Sales Order is required within 30 days. After 30 days, prices are subject to change. Sales tax and other charges are not included in the Purchase Price.

Payment: A 30% deposit is due upon signing and will be applied to the equipment price. The remaining equipment balance will be invoiced upon delivery or storage at our facilities. Professional services will be invoiced monthly until installation completion. All invoices due upon receipt.

Delays: In case of client-caused project delays, Total will bill 100% of the agreed rate for equipment and 90% of the agreed rate for labor. A holdback of 10% of the labor rate will be retained until project completion.

Scope of Work Changes: Changes to Statement of Work or project may result in additional labor and/or equipment charges.

Sub-Total Parts	$21,526.59
Labor	
Total	$21,526.59

If client is T&M, our current telephony labor rate is: _____ (Minimum per Tech: Onsite - 1 Hour; Remote – 0.5 Hour)

If client is under service agreement, our current telephony labor rate is: _____ (Minimum per Tech: Onsite - 1 Hour; Remote – 0.5 Hour)

An onsite service charge of **$195.00** will also be included (*Waived for new system orders*).

After hours work will be billed at the time and a half rate. Sunday is double time.

Notes:

Drop ship- no labor

Client hereby orders the equipment set forth above under the *"Terms and Conditions"* set forth on page 2 of this document.

X _____ Date: _____

Authorized Signature

Name: **Title:**

rev. 240610

TERMS & CONDITIONS

1. GENERAL:
All work described herein shall be performed during regular business hours unless otherwise specified. Client agrees that special circumstances requiring overtime will be charged to Client at Total Communications, Inc.'s (hereinafter referred to as "TCI") then applicable rates and will be authorized in writing by a signed change order or additional work order.

2. TIME OF PERFORMANCE:

a. TCI shall complete the installation services with TCI's standard practices within a reasonable time. Client agrees to give TCI access to the Premises during non-business hours to the extent necessary to have all work completed promptly and within a reasonable time. TCI shall perform its standard acceptance testing on the installed Equipment, and Client agrees to monitor said testing. Upon successful completion thereof, TCI shall notify Client that Equipment has been installed and operates in accordance with applicable test and performance specifications. The date of such notification shall be the Installation Complete Date.

b. When the Equipment is purchased, TCI shall use its best efforts to make timely delivery and installation. However, all stated delivery or installation dates are approximate, and TCI SHALL UNDER NO CIRCUMSTANCES, EXCEPT FOR TCI'S WILLFUL MISCONDUCT, BE LIABLE FOR ANY DAMAGES, WHETHER SPECIAL, CONSEQUENTIAL OR OTHERWISE FOR ANY DELAYS IN DELIVERY OR INSTALLATION.

3. WARRANTY:

a. Subject to the provisions of this paragraph and Paragraph 7, when the Equipment is purchased, TCI warrants for a period of ninety (90) days from the Installation Completion Date, that as of the Installation Completion Date the Equipment will be free from defects in material and workmanship. If any defects covered by this Warranty appear within the above stated ninety (90) day period, TCI shall have the option of repairing or replacing the Equipment at its expense during routine business hours. Such repair or replacement shall be Client's exclusive remedy for TCI's breach of warranty, or for willful misconduct or gross negligence and Client willingly, knowingly, and voluntarily waives all other remedies. In cases where TCI does not install the Equipment, TCI warrants that the equipment only, if properly installed and maintained, shall be free from defects for a period of ninety (90) days.

b. TCI will not be obligated to service, repair or replace any Equipment which has been repaired or serviced by others, abused, or improperly handled, stored, altered or used or otherwise intermingled with third party material or equipment. No warranties shall apply to, and TCI shall not be obligated to service, repair or replace any equipment which has been installed, repaired, or serviced by others without the express prior written consent of TCI.

c. WHEN THE EQUIPMENT IS PURCHASED, THE WARRANTY STATED ABOVE SHALL BE IN LIEU OF AND EXCLUDES ALL OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION AND WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

4. LIMITATIONS ON TCI'S OBLIGATION AND LIABILITY:
a. When the Equipment is purchased all obligations and warranties of TCI hereunder, including warranty obligations, shall be subject to and relieved by any force majeure, Act of God, war, riot, fire, explosion, lightening, power surge, accident, flood, sabotage, inability to obtain fuel or power, governmental laws, regulations or strikes, lockouts or injunctions (whether or not such labor event is within the reasonable control of TCI). Client acknowledges that in order to provide the Equipment to the Client, TCI and the Client must rely on third parties beyond the control of TCI and the Client, including, without limitation, the Client's local telephone utility. TCI's maintenance responsibilities do not extend to Equipment of the public telephone network, nor is TCI responsible for malfunctions in the communication system or Equipment caused by malfunctions in the public telephone network or caused by abuse or misuse of the communication system or Equipment by other than TCI. TCI shall not be responsible for the failure to fulfill any obligation hereunder, including, without limitation any warranty obligations, when such third parties have not provided or maintained the service or products to Client which are necessary for TCI to fulfill its obligations under this Agreement.

b. WHEN THE EQUIPMENT IS PURCHASED, TCI SHALL NOT BE LIABLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES OR FOR LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF EQUIPMENT SOLD OR LEASED HEREUNDER OR ARISING FROM CLIENT'S INABILITY TO USE THE EQUIPMENT EITHER SEPARATELY OR IN COMBINATION WITH ANY OTHER EQUIPMENT OR FROM ANY OTHER CAUSE.

5. PRICE:
Prices are subject to change. Quoted prices listed are valid for thirty (30) days after the "Date Order Taken" date on this document. Any deviations to this order after date mentioned, such as quantity changes, partial releases, or changes in specifications, are subject to a potential price increase.

6. DEFAULT:
If any of Client's obligations to TCI shall not be paid when due, or if Client shall be in default hereunder, and all sums and obligations hereunder shall, at TCI's option, become immediately due and payable. Upon Client's default, in addition to the rights and remedies specified herein, TCI shall have all the rights and remedies under the Uniform Commercial Code and any other laws, including the right to any delinquent payments for which the Client shall remain fully liable. Additionally, upon Client's default, TCI shall have the right, in its sole discretion and without any liability to, or recourse by, Client whatsoever for any damages, whether actual, special or consequential including without limitation any damages for lost business, to terminate or suspend any and all Warranties with respect to the Equipment and any and all obligations TCI may have to service, repair or replace the Equipment, whether arising under this Agreement or otherwise. No remedy of TCI hereunder shall be exclusive of any other remedy herein or provided by law, but such remedies shall be cumulative and in addition to every other remedy

7. REPOSSESSION:
Client agrees that upon its failure to pay any sum hereunder or within forty-five (45) days thereof, TCI shall have the complete right to enter the Premise at any reasonable time for purposes of repossessing the Equipment. Client agrees to cooperate fully with TCI in such repossession. TCI shall use reasonable care in removing the Equipment but shall not be liable to restore the Premises after the Equipment is so removed. Other than the obligation to use due care in removing the Equipment, TCI shall have no liability to, and Client shall have no recourse against TCI whatsoever for, any damages resulting from such repossession, whether actual, special, or consequential, including without limitation, any damages for lost business.

8. COMMERCIAL TRANSACTION:
THE CLIENT ACKNOWLEDGES THAT THE TRANSACTION OF WHICH THIS AGREEMENT IS A PART IS A COMMERCIAL TRANSACTION, AND HEREBY WAIVES ITS RIGHT TO NOTICE AND HEARING UNDER CHAPTER 903a OF THE CONNECTICUT GENERAL STATUTES, OR AS OTHERWISE ALLOWED BY ANY STATE OR FEDERAL LAW, WITH RESPECT TO ANY PREJUDGEMENT REMEDY WHICH TCI, ITS SUCCESSORS OR ASSIGNES MAY DESIRE TO USE.

9. TITLES; FILINGS; POWER OF ATTORNEY:
Client agrees that TCI shall retain title to the equipment until all sums due TCI from Client shall have been paid in full. Client hereby appoints TCI as its attorney in fact, coupled with as interest, to file UCC financing statements and other such documents, and to do such other acts, as may be reasonably necessary to give notice of TCI's retention of title to the Equipment and other provisions of this Agreement.

10. INDEMNIFICATION:
Client agrees to indemnify and save harmless TCI from all suits, loss, damages, actions or claims of any character, including reasonable attorney's fees and legal costs incurred by TCI in collecting any amounts owed to it by Client, in enforcing, its rights hereunder or brought on account of any injuries or damages received or sustained by any person, persons, or property by or from the Client or Client's contractor or sub-contractor or their employees, of by, or in consequence of any neglect in safeguarding the work, of by, or on account of any act of omission, neglect or misconduct of the Client or his, agent, contractor, sub-contractor arising out of any law ordinance.

11. APPLICABLE LAW; JURISDICTION:
This Agreement and all transactions hereunder, and all the rights of the parties, shall be governed as to validity, construction, enforcement and in all other respects by the laws of the State of Connecticut. Client agrees that the Superior Court for Judicial District of Hartford or the United States District Court for the District of Connecticut shall have jurisdiction to hear and determine any claims or disputes pertaining to the financing transactions of which this Agreement is part and/or to any matter arising or in any way related to this Agreement or any other agreement between TCI and Client and expressly submits and consents in advance to such jurisdiction in any action or proceeding.

Product options: Indoor Wi-Fi 6

	MR36
	
Usage	Next-generation entry-level high-performance Wi-Fi 6 AP with security-scanning radio and Bluetooth® Low Energy included
Radio specification	1× 2.4 GHz 802.11b/g/n/ax 1× 5 GHz 802.11a/n/ac/ax 1× WIDS/WIPS 1× Bluetooth® radio 1.5 Gbps max rate 2× 2:2 MU-MIMO with beamforming
Interface	1× Gigabit Ethernet port
Power	802.3af PoE or DC power adapter
Performance features	2× 2:2 MU-MIMO and OFDMA 160 MHz channels[1] Priority voice, power save (802.11e/WMM) Hardware-accelerated encryption Band steering
Dimensions	9.84 in x 4.72 in x 1.42 in (25 cm x 12 cm x 3.6 cm)
Weight	17.35 oz (0.5 kg)

[1] Hardware capable

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY IT Department	**CONTACT PERSON** Jeffrey Robillard
PROJECT NAME Phone System Replacements	**DEPARTMENT PRIORITY** 4

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Several years ago the Town upgraded and replaced the majority of its phone system core infrastructure from end of life unsupported products. Existing products that were still considered supportable were not replaced as part of this solution. This request is to replace those few devices now that they are going end of support. This includes 7 routers. One in each firehouse (5), the public library (1), and the town municipal complex (1). The quote includes the routers, the phone line connectivity modules, and 3 years of Cisco Smartnet support. Note, this request may end up being reduced by QTY 1 in FY28 related to the new Oswegatchie firehouse.
2	**PROJECT STATUS IF IN PROGRESS**
	N/A
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	N/A
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	We expect the Cisco Smartnet contract listed in the IT Software Budget to be reduced by close to $5000 for FY28, FY29, and FY30 because that contract would be included in this purchase for that time period.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	N/A
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Quote estimate and information on the products attached.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital			74,774			
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**74,774**	**0**	**0**	**0**

TOTAL COMMUNICATIONS

UC Router Refresh FY 2028 Budgetary Estimate

QUOTE # 002117 V1

PREPARED FOR

Waterford, Town Of

PREPARED BY

Eric Moore

TOTAL COMMUNICATIONS

Router Replacements

Description	Price	Qty	Ext. Price
Projected budgetary price for refresh in FY2028			
Cisco Router - 4 Ports - 2 - Gigabit Ethernet - 1U - Rack-mountable 	$3,528.61	7	$24,700.27
3yrs Cisco Smart Net Total Care - Extended Service - Service - 8 x 5 x Next Business Day - Exchange - Parts	$2,471.82	7	$17,302.74
Cisco 2-Port FXS/FXS-E/DID and 4-Port FXO Network Interface Module - For Voice - 2 x FXS/DID Network, 4 x FXO Network 	$1,436.27	7	$10,053.89
Cisco Digital Network Architecture Advantage - On-Premise Subscription License - 30 Mbps Aggregated Throughput, Up to 15 Mbps - 3 Year	$1,745.28	7	$12,216.96
Estimated Labor			
Data Fixed fee labor for service or project work.	$1,500.00	7	$10,500.00
		Subtotal:	**$74,773.86**

UC Router Refresh FY 2028 Budgetary Estimate

Prepared by:

Total Communications
Eric Moore
860-622-4153
ericmoore@totalcomm.com

Prepared for:

Waterford, Town Of
Town Hall Complex
15 Rope Ferry Road
Waterford, CT 06385-2886
Jeff Robillard
(860) 442-0553
jrobillard@waterfordct.org

Quote Information:

Quote #: 002117
Version: 1
Delivery Date: 12/23/2025
Expiration Date: 12/31/2025

Quote Summary

Description	Amount
Router Replacements	$74,773.86
Total:	**$74,773.86**

Taxes, shipping, handling, tariffs, and other fees may apply. We reserve the right to adjust pricing or cancel orders arising from conomic or supply chain fluctuations, including but not limited to changes in trade regulations or global market conditions.

Total Communications

Signature: _____
Name: Eric Moore
Title: Major Account Executive
Date: 12/23/2025

Waterford, Town Of

Signature: _____
Name: Jeff Robillard
Date: _____

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2025-2026 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY IT DEPARTMENT	**CONTACT PERSON** JEFFREY ROBILLARD
PROJECT NAME SERVER UPGRADE REPLACEMENT	**DEPARTMENT PRIORITY** 5

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The request is to purchase computers used across town each year as a replacement schedule with an expected 7 year life cycle rotation. By maintaining this rotation we expect that we will be able to maintain an inventory of equipment that is fully supportable for cybersecurity updates/patches defined by Windows operating systems OS hardware limitations. The focus will be to replace department machines based on overall age of computers within the department so an entire department is getting the same type/level of machine. FY27 we are not requesting funds to delay out the computer replacements one additional year.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	There will not be any positive or negative on the impact to other line items in the budget for this 1 for 1 PC replacements project.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	111,106	0	28,168	28,168	28,168	
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**111,106**	**0**	**28,168**	**28,168**	**28,168**	**0**

Jeffrey Robillard

From: Evan.E.Walker@dell.com
Sent: Monday, November 17, 2025 1:09 PM
To: Jeffrey Robillard
Cc: Evan.E.Walker@dell.com
Subject: Your Dell Quote 3000193109603.8

CAUTION: This email originated from outside of the organization.
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DELL Technologies

Your quote is ready for purchase.

Complete the purchase of your personalized quote through our secure online checkout before the quote expires on **Dec. 02, 2025**.

You can download a copy of this quote during checkout.

Place your order

Quote No.	**3000193109603.8**	Sales Rep	Evan Walker
Total	**$28,167.60**	Phone	1(800) 4563355
Customer #	97884266	Email	Evan.E.Walker@dell.com
Quoted On	Nov. 17, 2025	**Billing To**	ACCOUNTS PAYABLE CT-L TOWN OF WATERFORD 15 ROPE FERRY RD WATERFORD, CT 06385
Expires by	Dec. 02, 2025		
Contract Name	OMNIA-National Cooperative Purchasing Alliance (NCPA)		
Contract Code	C000001019611		
Customer Agreement #	NCPA 01-143		
Deal ID	29819106		

Message from your Sales Rep
Please contact me at (512) 893-4531 if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Evan Walker

Additional Comments

Ask me about our Dell Business Credit and Leasing promotions!

Product	Unit Price	Quantity	Subtotal
Dell Pro Slim Plus QBS1250	**$938.92**	**30**	**$28,167.60**

Subtotal:	**$28,167.60**
Shipping:	**$0.00**
Non-Taxable Amount:	**$28,167.60**
Taxable Amount:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$28,167.60**



Shipping Group Details

Shipping To
JEFFREY ROBILLARD
CT-L TOWN OF WATERFORD
15 ROPE FERRY RD
WATERFORD, CT 06385-2886
(860) 625-5765

Shipping Method
Standard Delivery

	Unit Price	Quantity	Subtotal
Dell Pro Slim Plus QBS1250	**$938.92**	**30**	**$28,167.60**

Estimated delivery if purchased today:
Dec. 03, 2025
Contract # C000001019611
Customer Agreement # NCPA 01-143

Description	SKU	Unit Price	Quantity	Subtotal
Intel(R) Core(TM) Ultra 5 235 (13 TOPS NPU, 14 cores, up to 5.0GHz)	338-CRZK	-	30	-
Windows 11 Pro	619-BBQD	-	30	-
16GB: 1 x 16GB, DDR5, up to 5600 MT/s, non-ECC	370-BCWX	-	30	-
512GB SSD	400-BSWY	-	30	-
1st M.2 2280 SSD Screw	773-BBBC	-	30	-
Integrated Graphics	490-BKSX	-	30	-
No Wireless LAN Card	555-BLXL	-	30	-
No Additional Add In Cards	382-BBHX	-	30	-
English, French, Spanish, Brazilian Portuguese	619-BBPD	-	30	-

CyberLink Media Essentials for Windows	430-XYIX	-	30	-
Dell Pro Slim Plus QBS1250 with 260W PSU	329-BKSP	-	30	-
Dell Pro Keyboard and Mouse - KM5221W - US English - Black	580-BCCH	-	30	-
Mouse included with Keyboard	570-AADI	-	30	-
ENERGY STAR Qualified	387-BBLW	-	30	-
System Power Cord C13 (Philipine/TH/US)	450-AAOJ	-	30	-
Documentation	340-DNBV	-	30	-
Watch Dog SRV	379-BFYR	-	30	-
Quick Start Guide	340-DTTZ	-	30	-
US/Canada Battery Warning Label	389-FKHG	-	30	-
Trusted Platform Module (Discrete TPM Enabled)	329-BBJL	-	30	-
Shipping Material (DAO)	340-DTSR	-	30	-
Shipping Label	389-BBUU	-	30	-
DAO Regulatory label for 260W PSU	389-FJYR	-	30	-
Driver/APP for IRST	658-BFTS	-	30	-
Intel Core Ultra 5 Processor Label	389-FGFR	-	30	-
Desktop BTO Standard shipment	800-BBIO	-	30	-
Dell Pro Slim Plus QBS1250	210-BPPM	-	30	-
No vPro(R) support	631-BCBP	-	30	-
EPEAT Silver with Climate+	379-BDTO	-	30	-
Custom Configuration	817-BBBB	-	30	-
8x DVD+/-RW/RAM 9.5mm Slimline Optical Disk Drive	429-BBCG	-	30	-
Internal speaker	520-BBKW	-	30	-
No Additional Network Card Selected (Integrated NIC included)	555-BBJO	-	30	-
No Additional Video Ports	492-BCKH	-	30	-
No Option Included	340-ACQQ	-	30	-
No Media Card Reader	379-BBHM	-	30	-
NO RAID	817-BBBN	-	30	-
M.2 Caddy + ODD	325-BGHH	-	30	-
Dell Limited Hardware Warranty Plus Service	717-8784	-	30	-

ProSupport Plus: Accidental Damage Service, 5 Years	717-8828	-	30	-
ProSupport Plus: Keep Your Hard Drive, 5 Years	717-8829	-	30	-
ProSupport Plus: 7x24 Technical Support, 5 Years	717-8830	-	30	-
ProSupport Plus: Next Business Day Onsite, 5 Years	717-8831	-	30	-
Thank you for choosing Dell ProSupport Plus. For tech support, visit www.dell.com/contactdell or call 1-866-516-3115	997-8367	-	30	-
Activate Your Microsoft 365 For A 30 Day Trial	630-ABBT	-	30	-
Dell Pro Slim Plus QBS1250	658-BFVK	-	30	-
No Additional Add In Cards	382-BBHX	-	30	-

Subtotal:	**$28,167.60**
Shipping:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$28,167.60**

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Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All products, pricing, and other information is based on the latest information available and is subject to change for any reason, including but not limited to tariffs imposed by government authorities. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer

Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.dellemc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

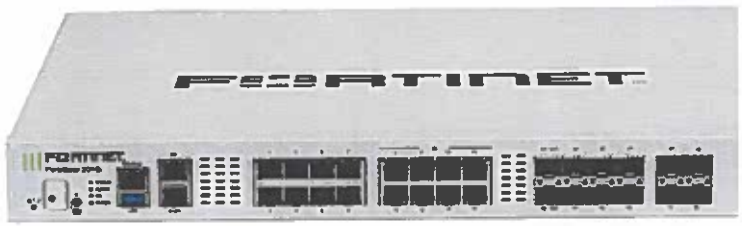
DEPARTMENT/AGENCY IT Department	**CONTACT PERSON** Jeffrey Robillard
PROJECT NAME Firewall Replace	**DEPARTMENT PRIORITY** 6

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Town has two Fortigate firewalls that allow and restrict the public network and town network from outside and inside threats. Without these units there would be no connectivity to the internet and there would be a reduction in flow of traffic between internal virtual network resources. We have been given dates that these devices will be considered end of life and unsupported in August and October of 2030. The request is to replace both of these units in FY29. The Library has a smaller firewall, the fortigate 51G at $1557 and the town firewall would be the 201G at and expected $11,708.
2	**PROJECT STATUS IF IN PROGRESS**
	N/A
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	N/A
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	N/A
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	N/A
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Documents related to Estimated Costs Attached
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital				13,265		
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**0**	**13,265**	**0**	**0**

Fortinet FortiGate 201G - security appliance - cloud-managed - with 1 year FortiCare Premium Support + 1 year FortiGuard

MFG # FG-201G-BDL-809-12 CDW # 8033632



~~$13,505.00~~ Save $1797.35

$11,707.65

Advertised Price

Lease Pricing Available

☆☆☆☆☆

1

- In Stock (3 Units Available)

Get it Sat, Nov 08 by a CDW partner

Est. delivery date for 10001

Add to Cart

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Quick Tech Specs

- Security appliance
- 2.5GbE, 5GbE, 10GbE, Bluetooth LE
- 1U
- rack-mountable
- with 1 year FortiCare Premium Support + 1 year FortiGuard Enterprise Protection
- front and side to back
- cloud-managed

Fortinet FortiGate 51G-SFP-POE - security appliance - cloud-managed - with 1 year FortiCare Premium Support + 1 year

MFG # FG-51G-SFP-POE-BDL-809-12 CDW # 8058330



~~$2,035.00~~ Save $478.91

$1,556.09

Advertised Price

Lease Pricing Available

☆☆☆☆☆

1

- 1-3+ Days

Expected in-stock date for this item is between 1-3 days. Item will ship once it is in stock.

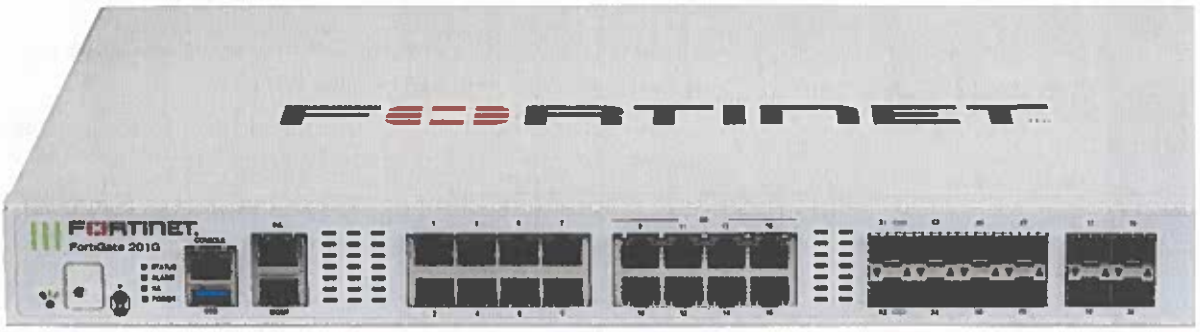
Add to Cart

Add to Compare Save to Favorites

Quick Tech Specs

- Three RJ45 PoE+, One RJ45 PoE+ WAN, One RJ45 WAN and One SFP Ports
- Security-Driven Networking with FortiOS
- Consolidated AI /ML-Powered FortiGuard Services
- 64GB SSD Storage Capacity
- Unparalleled Performance with Fortinet's SoC Processors

FortiGate 200G Series



Highlights

Gartner® Magic Quadrant™ Leaders for both Network Firewalls and WAN Edge Infrastructure

Secure Networking with FortiOS for converged networking and security

State-of-the-art unparalleled performance with Fortinet's patented SPU and vSPU processors

Enterprise security with consolidated AI/ML-powered FortiGuard services

Deep visibility into applications, users, and devices beyond traditional firewall techniques

Artificial Intelligence, Machine Learning Security with Deep Visibility

The FortiGate 200G series next-generation firewall (NGFW) combines artificial intelligence (AI)-powered security and machine learning (ML) to deliver threat protection at any scale. Get deeper visibility into your network and see applications, users, and devices before they become threats.

Powered by a rich set of AI/ML security capabilities that extend into an integrated security fabric platform, the FortiGate 200G Series delivers secure networking that is broad, deep, and automated. Secure your network end to end with advanced edge protection that includes web, content, and device security, while network segmentation and secure SD-WAN reduce complexity and risk in hybrid IT networks. This security fabric seamlessly extends across your entire environment, including a Hybrid Mesh Firewall architecture, ensuring consistent policy enforcement and threat protection across all network segments.

Universal zero-trust network access (ZTNA) automatically controls, verifies, and facilitates user access to applications, reducing lateral threats by providing access only to validated users. Ultra-fast threat protection and SSL inspection provides security at the edge you can see without impacting performance.

IPS	NGFW	Threat Protection	Interfaces
9 Gbps	7 Gbps	6 Gbps	Multiple GE RJ45, 5GE RJ45, 10GE SFP+ Slots, GE SFP Slots

Use Cases



Next Generation Firewall (NGFW)

- FortiGuard Labs' suite of AI-Powered Security Services, natively integrated with your NGFW, secures web, content, and devices and protects networks from ransomware, malware, zero days, and sophisticated AI-powered cyberattacks
- Real-time SSL inspection (including TLS 1.3) provides full visibility into users, devices, and applications across the attack surface
- Fortinet's patented SPU technology provides industry-leading high-performance protection



Secure SD-WAN

- FortiGate WAN Edge powered by one OS and unified security and management framework and systems transforms and secures WANs
- Delivers superior quality of experience and effective security posture for hybrid working models, SD-Branch, and cloud-first WAN use cases
- Achieve operational efficiencies at any scale through automation, deep analytics, and self-healing



Universal ZTNA

- Control access to applications no matter where the user is and no matter where the application is hosted for universal application of access policies
- Provide extensive authentications, checks, and enforce policy prior to granting application access every time
- Agent-based access with FortiClient or agentless access via proxy portal for guest or BYOD



Segmentation

- Dynamic segmentation adapts to any network topology to deliver true end-to-end security from the branch to the data center and across multi-cloud environments
- Ultra-scalable, low latency, VXLAN segmentation bridges physical and virtual domains with Layer 4 firewall rules
- Prevents lateral movement across the network with advanced, coordinated protection from FortiGuard Security Services, detects and prevents known, zero-day, and unknown attacks



FortiGuard AI-Powered Security Services

FortiGuard AI-Powered Security Services is part of Fortinet's layered defense and tightly integrated into our FortiGate NGFWs and other products. Infused with the latest threat intelligence from FortiGuard Labs, these services protect organizations against modern attack vectors and threats, including zero-day and sophisticated AI-powered attacks.

Network and file security

Network and file security services protect against network and file-based threats. With over 18,000 signatures, our industry-leading intrusion prevention system (IPS) uses AI/ML models for deep packet/SSL inspection, detecting and blocking malicious content, and applying virtual patches for newly discovered vulnerabilities. Anti-malware protection defends against both known and unknown file-based threats, combining antivirus and sandboxing for multi-layered security. Application control improves security compliance and provides real-time visibility into applications and usage.

Web/DNS security

Web/DNS security services protect against DNS-based attacks, malicious URLs (including those in emails), and botnet communications. DNS filtering blocks the full spectrum of DNS-based attacks while URL filtering uses a database of over 300 million URLs to identify and block malicious links. Meanwhile, IP reputation and anti-botnet services guard against botnet activity and DDoS attacks. FortiGuard Labs blocks over 500 million malicious/phishing/spam URLs weekly, and blocks 32,000 botnet command-and-control attempts every minute, demonstrating the robust protection offered through Fortinet.

SaaS and data security

SaaS and data security services cover key security needs for application use and data protection. This includes data loss prevention to ensure visibility, management, and protection (blocking exfiltration) of data in motion across networks, clouds, and users. Our inline cloud access security broker service protects data in motion, at rest, and in the cloud, enforcing compliance standards and managing account, user, and cloud app usage. Services also assess infrastructure, validate configurations, and highlight risks and vulnerabilities, including IoT device detection and vulnerability correlation.

Zero-Day threat prevention

Zero-day threat prevention is achieved through AI-powered inline malware prevention to analyze file content to identify and block unknown malware in real time, delivering sub-second protection across all NGFWs. The service also integrates the MITRE ATT&CK matrix to speed up investigations. Integrated into FortiGate NGFWs, the service provides comprehensive defense by blocking unknown threats, streamlining incident response, and reducing security overhead.

OT security

With over 1000 virtual patches, 1100+ OT applications, and 3300+ protocol rules, integrated OT security capabilities detect threats targeting OT infrastructure, perform vulnerability correlation, apply virtual patching, and utilize industry-specific protocol decoders for robust defense of OT environments and devices.

Available in

Appliance

Virtual

Hosted

Cloud

Container

FortiOS Everywhere

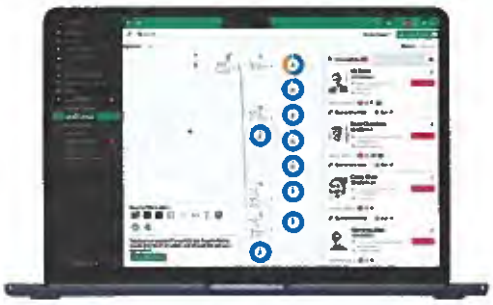
FortiOS, Fortinet's Real-Time Network Security Operating System

FortiOS is the operating system that powers Fortinet Security Fabric platform, enabling enforcement of security policies and holistic visibility across the entire attack surface. FortiOS provides a unified framework for managing and securing networks, cloud-based, hybrid, or a convergence of IT, OT, and IoT. FortiOS enables seamless and efficient interoperation across Fortinet products with consistent and consolidated AI-powered protection across today's hybrid environments.

Unlike traditional point solutions, Fortinet adopts a holistic approach to cybersecurity, aiming to reduce complexities, eliminate security silos, and improve operational efficiencies. By consolidating security functions into a single platform, FortiOS simplifies management, reduces costs, and enhances overall security posture. Together, FortiGate and FortiOS create intelligent, adaptive protection to help organizations reduce complexity, eliminate security silos, and optimize user experience.

By integrating generative AI (GenAI), FortiOS further enhances the ability to analyze network traffic and threat intelligence, detects deviations or anomalies more effectively, and provides more precise remediation recommendations, ensuring minimum performance impact without compromising security.

Learn more about what's new in FortiOS. https://www.fortinet.com/products/fortigate/fortios



Intuitive easy to use view into the network and endpoint vulnerabilities



Comprehensive view of network performance, security, and system status

Fortinet ASICs: Unrivaled Security, Unprecedented Performance



Powered by the only purpose-built SPU

Traditional firewalls cannot protect against today's content and connection-based threats because they rely on off-the-shelf general-purpose central processing units (CPUs), leaving a dangerous security gap. Fortinet's custom SPUs deliver the power you need to radically increase speed, scale, and efficiency while greatly improving user experience and reducing footprint and power requirements. Fortinet's SPUs deliver up to 520 Gbps of protected throughput to detect emerging threats and block malicious content while ensuring your network security solution does not become a performance bottleneck.

Fortinet ASICs are designed to be energy-efficient, leading to lower power consumption and improved TCO. They deliver industry-leading throughput, handle more traffic and perform security inspections faster, reduce latency for quicker packet processing and minimize network delays.

Fortinet SPUs are designed with integrated security functions like zero trust, SSL, IPS, and VXLAN to name but a few, dramatically improving the performance of these functions that competitors traditionally implement in software.

Network processor NP7Lite

Fortinet's new, breakthrough SPU NP7Lite network processor works in line with FortiOS functions delivering:

- Superior firewall performance for IPv4/IPv6, SCTP, and multicast traffic with ultra-low latency
- VPN, CAPWAP, and IP tunnel acceleration
- Anomaly-based intrusion prevention, checksum offload, and packet defragmentation
- Traffic shaping and priority queuing

Content processor CP10

Content processors act as co-processors to offload resource-intensive processing of security functions. The tenth generation of the Fortinet Content Processor, the CP10, accelerates resource-intensive security functions while delivering:

- Pattern matching acceleration and fast inspection of real-time traffic for application identification
- IPS pre-scan/pre-match, signature correlation offload

FortiManager

Centralized management at scale for distributed enterprises

FortiManager, powered by FortiAI, is a centralized management solution for the Fortinet Security Fabric. It streamlines mass provisioning and policy management for FortiGate, FortiGate VM, cloud security, SD-WAN, SD-Branch, FortiSASE, and ZTNA in hybrid environments. Additionally, FortiManager provides real-time monitoring of the entire managed infrastructure and automates network operation workflows. Leveraging GenAI in FortiAI, it further enhances Day 0–1 configurations and provisioning, and Day N troubleshooting and maintenance, unlocking the full potential of the Fortinet Security Fabric and significantly boosting operational efficiency.



GenAI in FortiManager helps manage networks effortlessly—generates configuration and policy scripts, troubleshoots issues, and executes recommended actions.

FortiConverter Service

Migration to FortiGate NGFW made easy

The FortiConverter Service provides hassle-free migration to help organizations transition quickly and easily from a wide range of legacy firewalls to FortiGate NGFWs. The service eliminates errors and redundancy by employing best practices with advanced methodologies and automated processes. Organizations can accelerate their network protection with the latest FortiOS technology.

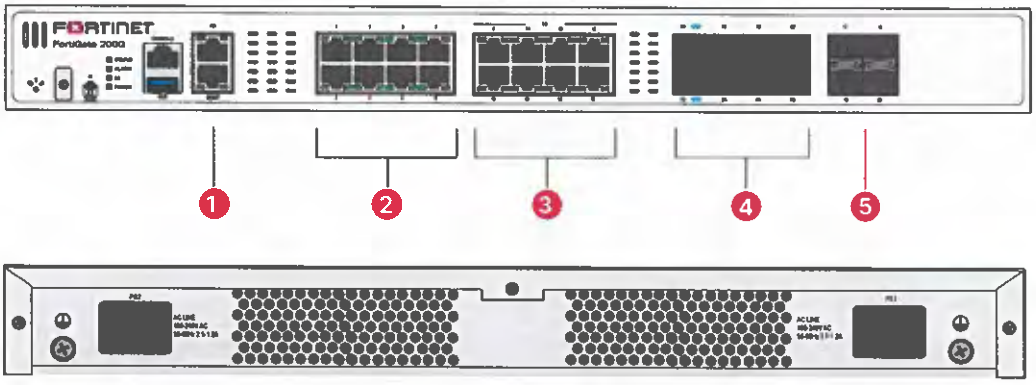
FortiCare Services

Expertise at your service

Fortinet prioritizes customer success through FortiCare Services, optimizing the Fortinet Security Fabric solution. Our comprehensive life-cycle services include Design, Deploy, Operate, Optimize, and Evolve. The FortiCare Elite, one of the service offerings, provides heightened SLAs and swift issue resolution with a dedicated support team. This advanced support option includes an extended end-of-engineering support of 18 months, providing flexibility and access to the intuitive FortiCare Elite portal for a unified view of device and security health, streamlining operational efficiency and maximizing Fortinet deployment performance.

Hardware

FortiGate 200G Series



Interfaces

1. 2 x GE RJ45 MGMT/HA Ports
2. 8 x GE RJ45 Ports
3. 8 × 5/2.5/GE RJ45 Ports
4. 8 × 10 GE SFP+/SFP FortiLink Slots
5. 4 x GE SFP Slots

Hardware Features



Trusted Platform Module (TPM)

The FortiGate 200G series features a dedicated module that hardens physical networking appliances by generating, storing, and authenticating cryptographic keys. Hardware-based security mechanisms protect against malicious software and phishing attacks.

Dual power supply

Power supply redundancy is essential in the operation of mission-critical networks. The FortiGate 200G series offers dual built-in non-hot swappable power supplies.

Access layer security

FortiLink protocol enables you to converge security and network access by integrating the FortiSwitch into the FortiGate as a logical extension of the firewall. These FortiLink-enabled ports can be reconfigured as regular ports as needed.

Signed Firmware Hardware Switch

The signed firmware switch is a physical security switch. It is by default set to the highest security level. The highest security level ensures that only an appropriately validated FortiOS firmware can be loaded on the FortiGate. This feature adds an additional physical layer of security to the FortiGate, acting as a key deterrent to and reducing risk of compromise.

Specifications

	FORTIGATE 200G	FORTIGATE 201G
Interfaces and Modules		
GE RJ45 Ports	8	
GE RJ45 Management / HA	1 / 1	
5/2.5/GE RJ45 Ports	8	
GE SFP Slots	4	
10/GE SFP/+ FortiLink Slots (default)	8	
USB Port	1	
Console Port	1	
Onboard Storage	0	1× 480 GB SSD
Trusted Platform Module (TPM)	✓	
Bluetooth Low Energy (BLE)	✓	
Signed Firmware Hardware Switch	✓	
Included Transceivers	0	
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	9 Gbps	
NGFW Throughput [2, 4]	7 Gbps	
Threat Protection Throughput [2, 5]	6 Gbps	
System Performance and Capacity		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	39 / 39 / 26.5 Gbps	
IPv6 Firewall Throughput (1518 / 512 / 64 byte, UDP)	39 / 39 / 26.5 Gbps	
Firewall Latency (64 byte, UDP)	4.36 µs	
Firewall Throughput (Packet per Second)	39.75 Mpps	
Concurrent Sessions (TCP)	11 Million	
New Sessions/Second (TCP)	400 000	
Firewall Policies	10 000	
IPsec VPN Throughput (512 byte) [1]	36 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	2000	
Client-to-Gateway IPsec VPN Tunnels	16 000	
SSL-VPN Throughput [6]	3 Gbps	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	500	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	7 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	7100	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	900 000	
Application Control Throughput (HTTP 64K) [2]	27.8 Gbps	
CAPWAP Throughput (HTTP 64K)	37.5 Gbps	
Virtual Domains (Default / Maximum)	10 / 25	
Maximum Number of FortiSwitches Supported	64	
Maximum Number of FortiAPs (Total / Tunnel)	256 / 128	
Maximum Number of FortiTokens	5000	
High Availability Configurations	Active-Active, Active-Passive, Clustering	

	FORTIGATE 200G	FORTIGATE 201G
Dimensions and Power		
Height x Width x Length (inches)	1.75 × 17.0 × 15.0	
Height x Width x Length (mm)	44.45 × 432 × 380	
Weight	14.11 lbs (6.4 kg)	14.33 lbs (6.5 kg)
Form Factor (supports EIA/non-EIA standards)	Rack Mount, 1 RU	
AC Power Consumption (Average / Maximum)	145 W / 175 W	145 W / 176 W
AC Power Input	100–240V AC, 50/60Hz	
AC Current (Maximum)	2A @100VAC, 1.2A @240VAC	
Heat Dissipation	597.12 BTU/h	600.54 BTU/h
Power Supply Efficiency Rating	80Plus Compliant	
Redundant Power Supplies	✓ (Default dual non-swappable AC PSU for 1+1 Redundancy)	
Operating Environment and Certifications		
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	-31°F to 158°F (-35°C to 70°C)	
Humidity	5% to 90% non-condensing	
Noise Level	LPA 48 dBA / LWA 55 dBA	
Forced Airflow	Side and Front to Back	
Operating Altitude	Up to 10 000 ft (3048 m)	
Compliance	FCC Part 15 Class A, RCM, VCCI, CE, UL/cUL, CB	
Certification	USGv6/IPv6	

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

[6] Uses RSA-2048 certificate.

Subscriptions

Service Category	Service Offering	A-la-carte	Bundles		
			Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
FortiGuard Security Services	IPS — IPS, Malicious/Botnet URLs	•	•	•	•
	Anti-Malware Protection (AMP)—AV, Botnet Domains, Mobile Malware, Virus Outbreak Protection, Content Disarm and Reconstruct [3], AI-based Heurestic AV, FortiGate Cloud Sandbox	•	•	•	•
	URL, DNS and Video Filtering — URL, DNS and Video [3] Filtering, Malicious Certificate	•	•	•	
	Anti-Spam		•	•	
	AI-based Inline Malware Prevention [3]	•	•		
	Data Loss Prevention (DLP) [1]	•	•		
	Attack Surface Security — IoT Device Detection, IoT Vulnerability Correlation and Virtual Patching, Security Rating, Outbreak Check	•	•		
	OT Security—OT Device Detection, OT vulnerability correlation and Virtual Patching, OT Application Control and IPS [1]	•			
	Application Control		----------included with FortiCare Subscription----------		
	Inline CASB [3]		----------included with FortiCare Subscription----------		
SD-WAN and SASE Services	SD-WAN Underlay Bandwidth and Quality Monitoring	Models up to FG/FWF-60F series			
	SD-WAN Underlay and Application Monitoring Service	FG-70F series and above			
	SD-WAN Overlay-as-a-Service	•			
	SD-WAN Connector for FortiSASE Secure Private Access	•			
	SASE expansion for SD-WAN (SD-WAN SPA Connector license plus FortiSASE starter kit for n° users) [2]	Selected models only[2]			
	SASE connector for FortiSASE Secure Edge Management (with 10Mbps Bandwidth)	Desktop models only			
NOC and SOC Services	FortiConverter Service for one time configuration conversion	•	•		
	Managed FortiGate Service—available 24×7, with Fortinet NOC experts performing device setup, network, and policy change management	•			
	FortiGate Cloud—Management, Analysis, and One Year Log Retention	•			
	FortiManager Cloud	•			
	FortiAnalyzer Cloud	•			
	FortiGuard SOCaaS—24×7 cloud-based managed log monitoring, incident triage, and SOC escalation service	•			
Hardware and Software Support	FortiCare Essentials	Desktop models only			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	Device/OS Detection, GeoIPs, Trusted CA Certificates, Internet Services and Botnet IPs, DDNS (v4/v6), Local Protection, PSIRT Check, Anti-Phishing		----------included with FortiCare Subscription----------		

1. Full features available when running FortiOS 7.4.1.
2. See the FortiSASE Ordering Guide for supported models and their associated number of user licenses.
3. Not available for FortiGate/FortiWiFi 40F, 60E, 60F, 80E, and 90E series from 7.4.4 onwards. Not available for FortiGate/FortiWiFi 30G and 50G series in any OS build.

FortiGuard Bundles

FortiGuard AI-Powered Security Bundles provide a comprehensive and meticulously curated selection of security services to combat known, unknown, zero-day, and emerging AI-based threats. These services are designed to prevent malicious content from breaching your defenses, protect against web-based threats, secure devices throughout IT/OT/IoT environments, and ensure the safety of applications, users, and data. All bundles include FortiCare Premium Services featuring 24×7×365 availability, one-hour response for critical issues, and next-business-day response for noncritical matters.

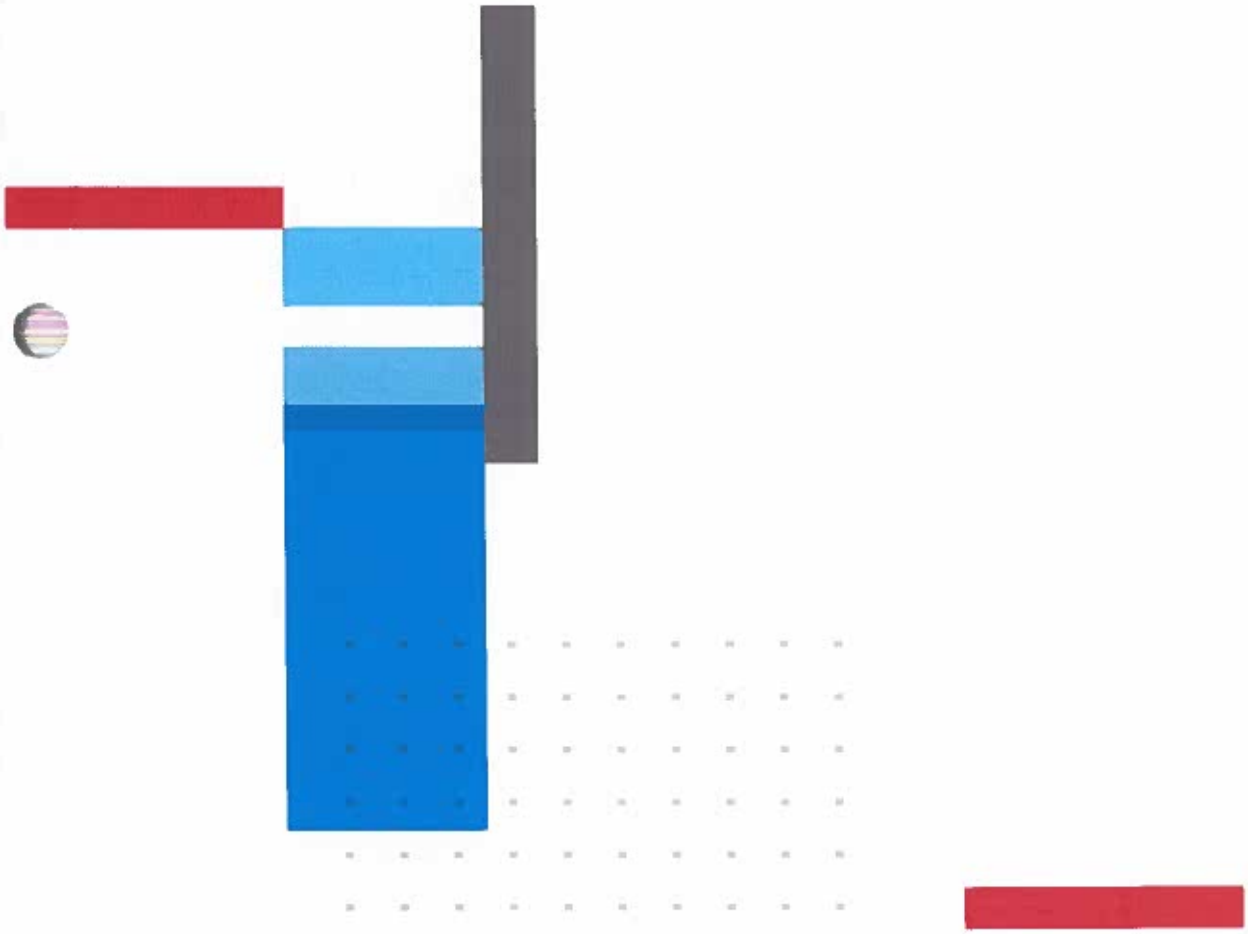
Ordering Information

Product	SKU	Description
FortiGate 200G	FG-200G	10x GE RJ45 (including 1x MGMT port, 1x HA port, 8x switch ports), 4x GE SFP slots, 8× 5GE RJ45, 8× 10GE SFP+ slots, NP7Lite and CP10 hardware accelerated.
FortiGate 201G	FG-201G	10x GE RJ45 (including 1x MGMT port, 1x HA port, 8x switch ports), 4x GE SFP slots, 8× 5GE RJ45, 8× 10GE SFP+ slots, NP7Lite and CP10 hardware accelerated, 480GB onboard SSD storage.
Transceivers		
1 GE SFP SX Transceiver Module	FN-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
1 GE SFP LX Transceiver Module	FN-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
10 GE SFP+ RJ45 Transceiver Module	FN-TRAN-SFP+GC	10 GE SFP+ RJ45 transceiver module for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, Short Range	FN-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, Long Range	FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, Extended Range	FN-TRAN-SFP+ER	10 GE SFP+ transceiver module, extended range for all systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, 80km Extreme Long Range	FN-TRAN-SFP+ZR	10GE SFP+ transceiver module, 80km extreme long range, for systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, 30km Long Range	FN-TRAN-SFP+BD27	10GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD33, ordered separately).
10 GE SFP+ Transceiver Module, (connects to FN-TRAN-SFP+BD27, ordered separately)	FN-TRAN-SFP+BD33	10GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately).
25 GE SFP28 Transceiver Module, Short Range	FN-TRAN-SFP28-SR	25 GE SFP28 transceiver module, short range, compatible with 10 GE SFP/SFP+ slots.
Cables		
10 GE SFP+ Passive Direct Attach Cable 1m	FN-CABLE-SFP+1	10 GE SFP+ passive direct attach cable, 1m for systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Passive Direct Attach Cable 3m	FN-CABLE-SFP+3	10 GE SFP+ passive direct attach cable, 3m for systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Passive Direct Attach Cable 5m	FN-CABLE-SFP+5	10 GE SFP+ passive direct attach cable, 5m for systems with SFP+ and SFP/SFP+ slots.

Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.



FORTINET

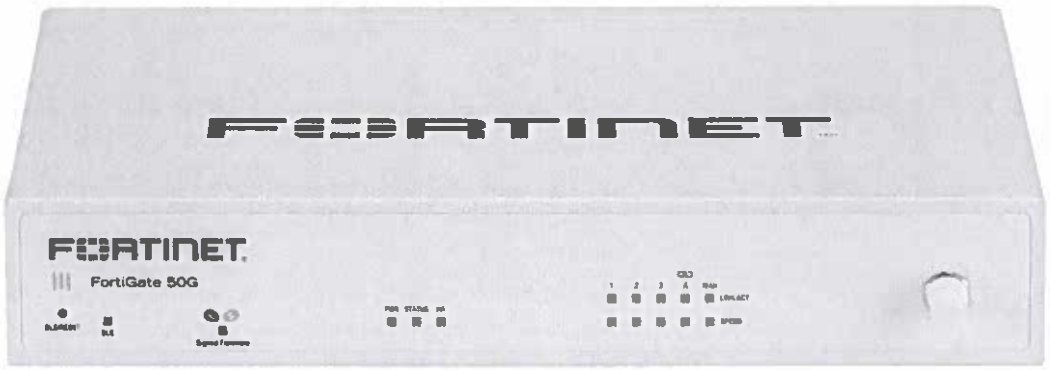
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April 30, 2025

FG-200G-DAT-R08-20250430

FortiGate FortiWiFi 50G Series



Highlights

Gartner® Magic Quadrant™ Leaders for both Network Firewalls and SD-WAN

Unparalleled performance enabled by Fortinet's patented ASIC and the FortiOS operating system

Enterprise-grade protection with FortiGuard AI-Powered Security Services

Simplified operations with centralized management for networking and security, automated workflows, deep analytics, and self-healing

Inclusive SD-WAN and wireless controller in every FortiGate appliance at no extra cost

Rich portfolio for any business budget and need

Converged Next-Generation Firewall and SD-WAN

The FortiGate and FortiWiFi 50G series integrate firewalling, SD-WAN, and security in one appliance, making them perfect for building secure networks at distributed enterprise sites and transforming WAN architecture at any scale.

The 50G series runs on FortiOS, the industry's first converged networking and security operating system. This single OS approach enables businesses to gain benefits of operational efficiency and unified protection from the seamless integration of Fortinet Solutions within a Hybrid Mesh Firewall architecture.

As a cornerstone of the Fortinet Security Fabric platform, the FortiGate NGFW works seamlessly with FortiGuard AI-Powered Security Services to deliver coordinated, automated, end-to-end threat protection in real time.

The 50G family is built on the patented SD-WAN-based ASIC, which delivers unmatched performance over traditional CPUs with lower cost and reduced power consumption. This application-specific design and embedded multi-core processor further accelerate the convergence of networking and security functions in the 50G family to optimize secure connections and deliver a robust user experience at branch locations.

IPS	NGFW	Threat Protection	Interfaces
2.25 Gbps	1.25 Gbps	1.1 Gbps	Multiple GE RJ45 | Variants with 5G, PoE, DSL, SFP, WiFi, and/or storage

Use Cases



Perimeter Protection

- Protect networks from malicious traffic, guard against file-based threats, block web-based attacks, and secure applications and data with natively integrated FortiGuard AI-Powered Security Services
- Inspect and control incoming and outgoing traffic based on defined security policies
- Perform real-time SSL inspection (including TLS 1.3) with full visibility into users, devices, and applications across the attack surface
- Accelerate performance, protection, and energy efficiency with Fortinet's patented SPU with converged security and networking technologies



Secure SD-WAN

- FortiGate enables best-of-breed WAN edge with integrated SD-WAN, WAN optimization, security, and unified management from a single FortiOS operating system
- FortiGate, built on a patented SD-WAN-based ASIC, delivers faster application identification to avoid delays in accessing applications and accelerates overlay performance regardless of location
- Enhances hybrid working with a comprehensive SASE solution by integrating cloud-delivered SD-WAN with security service edge (SSE)
- Achieves operational efficiencies at any scale through automation, deep analytics, and self-healing



Secure Branch

- The Fortinet Security Fabric platform enables FortiGate NGFWs to automatically discover and secure IoT devices for faster branch onboarding
- Fully integrated with FortiSwitch secure Ethernet switches and FortiAP access points, FortiGate easily extends security to WAN, LAN, and WLAN at branch offices for unified protection and reliable connectivity
- FortiGate and Fortinet products work seamlessly with FortiManager to centralize visibility and simplify management across locations for IT teams
- FortiGate HA support ensures continuous network protection and minimizes downtime in the event of hardware failures or network disruptions



FortiGuard AI-Powered Security Services

FortiGuard AI-Powered Security Services is part of Fortinet's layered defense and tightly integrated into our FortiGate NGFWs and other products. Infused with the latest threat intelligence from FortiGuard Labs, these services protect organizations against modern attack vectors and threats, including zero-day and sophisticated AI-powered attacks.

Network and file security

Network and file security services protect against network and file-based threats. With over 18,000 signatures, our industry-leading intrusion prevention system (IPS) uses AI/ML models for deep packet/SSL inspection, detecting and blocking malicious content, and applying virtual patches for newly discovered vulnerabilities. Anti-malware protection defends against both known and unknown file-based threats, combining antivirus and sandboxing for multi-layered security. Application control improves security compliance and provides real-time visibility into applications and usage.

Web/DNS security

Web/DNS security services protect against DNS-based attacks, malicious URLs (including those in emails), and botnet communications. DNS filtering blocks the full spectrum of DNS-based attacks while URL filtering uses a database of over 300 million URLs to identify and block malicious links. Meanwhile, IP reputation and anti-botnet services guard against botnet activity and DDoS attacks. FortiGuard Labs blocks over 500 million malicious/phishing/spam URLs weekly, and blocks 32,000 botnet command-and-control attempts every minute, demonstrating the robust protection offered through Fortinet.

SaaS and data security

SaaS and data security services cover key security needs for application use and data protection. This includes data loss prevention to ensure visibility, management, and protection (blocking exfiltration) of data in motion across networks, clouds, and users. Our inline cloud access security broker service protects data in motion, at rest, and in the cloud, enforcing compliance standards and managing account, user, and cloud app usage. Services also assess infrastructure, validate configurations, and highlight risks and vulnerabilities, including IoT device detection and vulnerability correlation.

Zero-Day threat prevention

Zero-day threat prevention is achieved through AI-powered inline malware prevention to analyze file content to identify and block unknown malware in real time, delivering sub-second protection across all NGFWs. The service also integrates the MITRE ATT&CK matrix to speed up investigations. Integrated into FortiGate NGFWs, the service provides comprehensive defense by blocking unknown threats, streamlining incident response, and reducing security overhead.

OT security

With over 1000 virtual patches, 1100+ OT applications, and 3300+ protocol rules, integrated OT security capabilities detect threats targeting OT infrastructure, perform vulnerability correlation, apply virtual patching, and utilize industry-specific protocol decoders for robust defense of OT environments and devices.

Available in

Appliance

Virtual

Hosted

Cloud

Container

FortiOS Everywhere

FortiOS, Fortinet's Real-Time Network Security Operating System

FortiOS is the operating system that powers Fortinet Security Fabric platform, enabling enforcement of security policies and holistic visibility across the entire attack surface. FortiOS provides a unified framework for managing and securing networks, cloud-based, hybrid, or a convergence of IT, OT, and IoT. FortiOS enables seamless and efficient interoperation across Fortinet products with consistent and consolidated AI-powered protection across today's hybrid environments.

Unlike traditional point solutions, Fortinet adopts a holistic approach to cybersecurity, aiming to reduce complexities, eliminate security silos, and improve operational efficiencies. By consolidating security functions into a single platform, FortiOS simplifies management, reduces costs, and enhances overall security posture. Together, FortiGate and FortiOS create intelligent, adaptive protection to help organizations reduce complexity, eliminate security silos, and optimize user experience.

By integrating generative AI (GenAI), FortiOS further enhances the ability to analyze network traffic and threat intelligence, detects deviations or anomalies more effectively, and provides more precise remediation recommendations, ensuring minimum performance impact without compromising security

Learn more about what's new in FortiOS. https://www.fortinet.com/products/fortigate/fortios

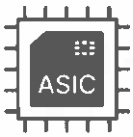


Intuitive easy to use view into the network and endpoint vulnerabilities



Comprehensive view of network performance, security, and system status

Fortinet ASICs: Unrivaled Security, Unprecedented Performance



Powered by the only purpose-built SPU

Traditional firewalls cannot protect against today's content and connection-based threats because they rely on off-the-shelf general-purpose central processing units (CPUs), leaving a dangerous security gap. Fortinet's custom SPUs deliver the power you need to radically increase speed, scale, and efficiency while greatly improving user experience and reducing footprint and power requirements. Fortinet's SPUs deliver up to 520 Gbps of protected throughput to detect emerging threats and block malicious content while ensuring your network security solution does not become a performance bottleneck.

Fortinet ASICs are designed to be energy-efficient, leading to lower power consumption and improved TCO. They deliver industry-leading throughput, handle more traffic and perform security inspections faster, reduce latency for quicker packet processing and minimize network delays.

Fortinet SPUs are designed with integrated security functions like zero trust, SSL, IPS, and VXLAN to name but a few, dramatically improving the performance of these functions that competitors traditionally implement in software.

Secure SD-WAN ASIC SP5

- Combines a RISC-based CPU with Fortinet's proprietary SPU content and network processors for unmatched performance
- Delivers the industry's fastest application identification and steering for efficient business operations
- Accelerates IPsec VPN performance for the best user experience on direct internet access
- Enables best-of-breed NGFW security and deep SSL inspection with high performance
- Extends security to the access layer to enable SD-Branch transformation with accelerated and integrated switch and access point connectivity

Unified Management for Optimal Security and Efficiency

Whether you are a small business or a large enterprise, Fortinet provides centralized control, visibility, and automation for your security infrastructure.

FortiManager: Centralized management at scale for distributed enterprises

FortiManager, powered by FortiAI, is a centralized management solution for the Fortinet Security Fabric. It streamlines mass provisioning and policy management for FortiGate, FortiGate VM, cloud security, SD-WAN, SD-Branch, FortiSASE, and ZTNA in hybrid environments. Additionally, FortiManager provides real-time monitoring of the entire managed infrastructure and automates network operation workflows. Leveraging GenAI in FortiAI, it further enhances Day 0–1 configurations and provisioning, and Day N troubleshooting and maintenance, unlocking the full potential of the Fortinet Security Fabric and significantly boosting operational efficiency.

FortiGate Cloud: Simplified management for small and mid-size businesses

FortiGate Cloud is a SaaS service offering simplified management, security analytics, and reporting for Fortinet FortiGate NGFWs to help you more efficiently manage your devices and reduce cyber risk. It simplifies the initial deployment, setup, and ongoing management of FortiGates and downstream connected devices such as FortiAP, FortiSwitch, and FortiExtender, with zero-touch provisioning. It provides real-time and historical visibility into traffic analytics and security threats to reduce risks and improve security posture. View various threats, web traffic, and system events stored in the cloud for up to a year, with predefined reports to meet compliance and deliver actionable insights.



GenAI in FortiManager helps manage networks effortlessly -- generates configuration and policy scripts, troubleshoot issues, and execute recommended actions.



FortiGate Cloud provides intuitive management and analytics solution with end-to-end visibility, logging and reporting for SMB.

FortiConverter Service

Migration to FortiGate NGFW made easy

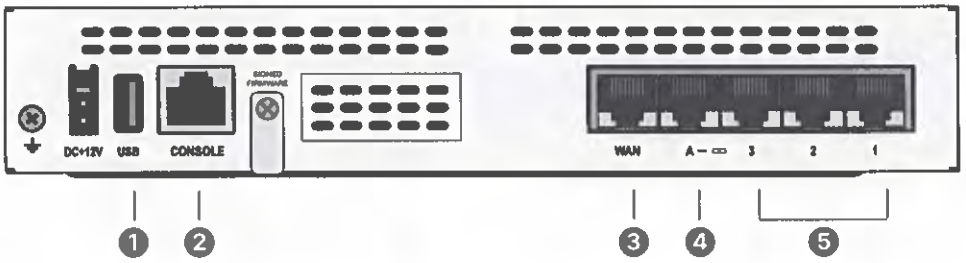
The FortiConverter Service provides hassle-free migration to help organizations transition quickly and easily from a wide range of legacy firewalls to FortiGate NGFWs. The service eliminates errors and redundancy by employing best practices with advanced methodologies and automated processes. Organizations can accelerate their network protection with the latest FortiOS technology.

Hardware

FortiGate 50G/51G

SP5 TPM DESKTOP GE 64GB





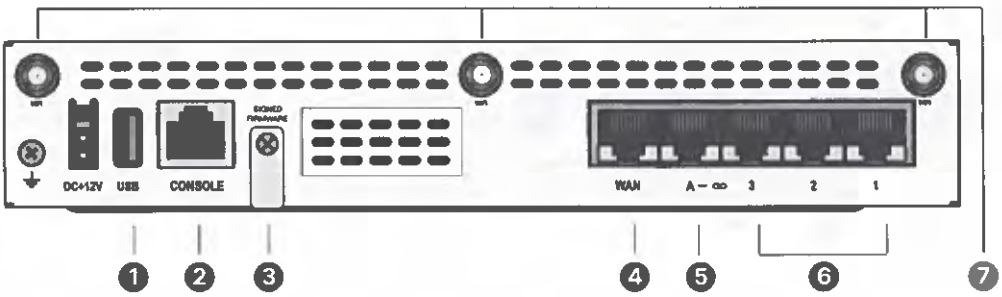
Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x GE RJ45 WAN Port
4. 1 x GE RJ45 FortiLink Port
5. 3 x GE RJ45 Ethernet Ports

FortiWiFi 50G/51G Series

SP5 TPM DESKTOP GE 64GB a/b/g/n/ac-W2/ax





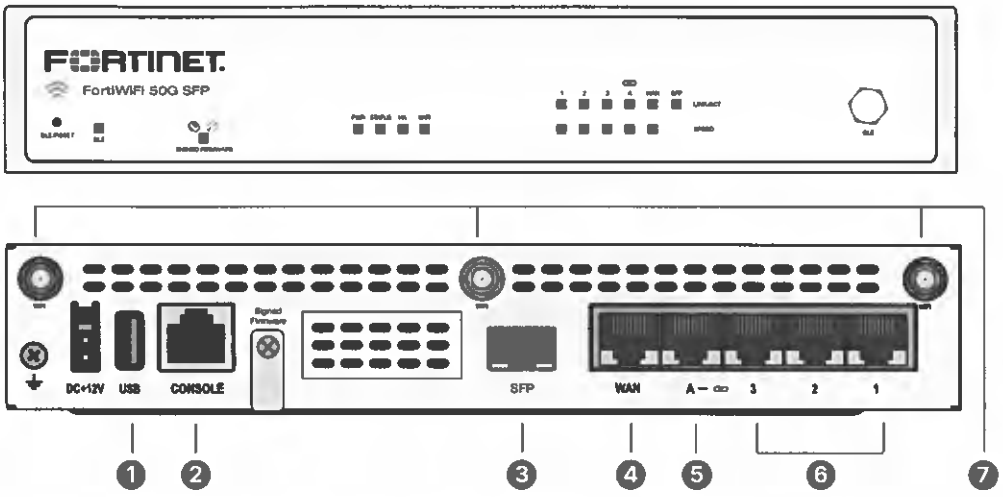
Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. Signed Firmware Switch
4. 1 x GE RJ45 WAN Port
5. 1 x GE RJ45 FortiLink Port
6. 3 x GE RJ45 Ethernet Ports
7. 3 x WiFi Antenna Ports

Hardware

FortiGate/ FortiWiFi 50G-SFP

SP5 TPM DESKTOP GE SFP a/b/g/n/ac-W2/ax

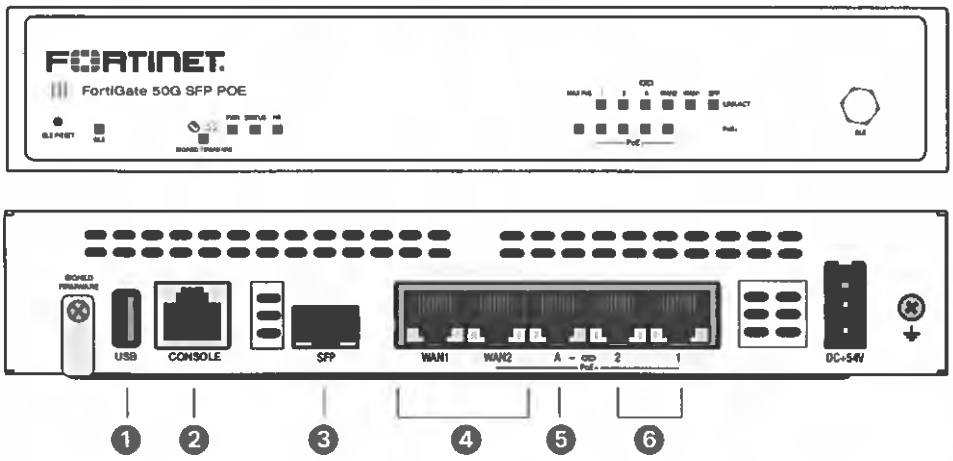


Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x GE SFP Port
4. 1 x GE RJ45 WAN Port
5. 1 x GE RJ45 FortiLink Port
6. 3 x GE RJ45 Ethernet Ports
7. 3 x WiFi Antenna Ports (FWF models only)

FortiGate 50/51G-SFP-POE

SP5 TPM DESKTOP GE SFP POE 64GB



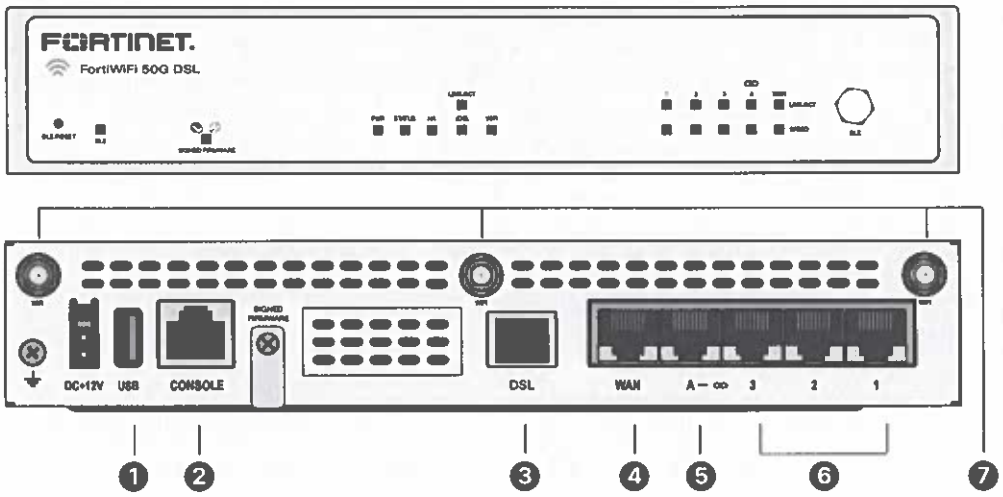
Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x GE SFP Port
4. 2 x GE RJ45 WAN Ports (WAN2 PoE+)
5. 1 x GE RJ45 FortiLink Port (PoE+)
6. 2 x GE RJ45 Ethernet Ports (PoE+)

Hardware

FortiGate/ FortiWiFi 50G-DSL

SP5 TPM DESKTOP GE DSL a/b/g/n/ac-W2/ax



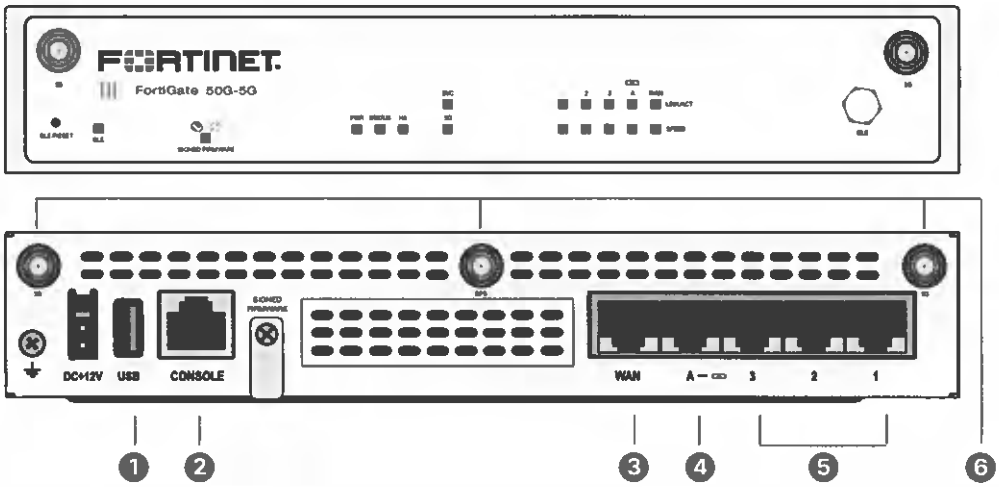
Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x DSL RJ11 Port
4. 1 x GE RJ45 WAN Port
5. 1 x GE RJ45 FortiLink Port
6. 3 x GE RJ45 Ethernet Ports
7. 3 x WiFi Antenna Ports (FWF models only)

Hardware

FortiGate 50G-5G/51G-5G

SP5 TPM DESKTOP GE 5G 64GB

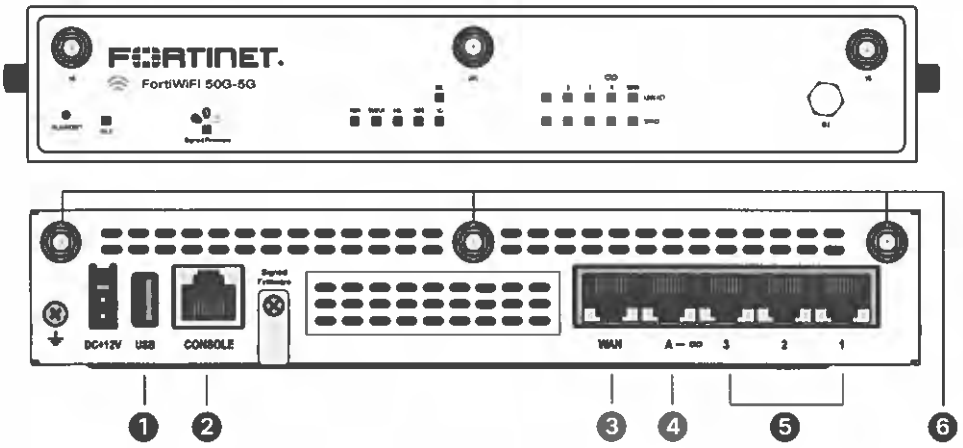


Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x GE RJ45 WAN Port
4. 1 x GE RJ45 FortiLink Port
5. 3 x GE RJ45 Ethernet Ports
6. 5 x WWAN Antenna Ports

FortiWiFi 50G-5G-II

SP5 TPM DESKTOP GE 5G a/b/g/n/ac-W2/ax



Interfaces

1. 1 x USB Port
2. 1 x Console Port
3. 1 x GE RJ45 WAN Port
4. 1 x GE RJ45 FortiLink Port
5. 3 x GE RJ45 Ethernet Ports
6. 3 x WiFi Antenna Ports
   5 x WWAN Antenna Ports

Hardware Features



Superior wireless coverage

A built-in dual-band, dual-stream access point is integrated on the FortiWiFi 50G series, which provides the industry's high-speed WiFi-6 (802.11ax) wireless access.



Trusted Platform Module (TPM)

The FortiGate 50G series features a dedicated module that hardens physical networking appliances by generating, storing, and authenticating cryptographic keys. Hardware-based security mechanisms protect against malicious software and phishing attacks.



Access layer security

FortiLink protocol enables you to converge security and network access by integrating the FortiSwitch into the FortiGate as a logical extension of the firewall. These FortiLink-enabled ports can be reconfigured as regular ports as needed.



Compact and reliable form factor

Designed for small environments, the FortiGate can be on a desktop or wall-mounted. It is small, lightweight, yet highly reliable with superior meantime between failures, minimizing the chance of network disruption.



Signed Firmware Hardware Switch

The signed firmware switch is a physical security switch. It is by default set to the highest security level. The highest security level ensures that only an appropriately validated FortiOS firmware can be loaded on the FortiGate. This feature adds an additional physical layer of security to the FortiGate, acting as a key deterrent to and reducing risk of compromise.



Third-party verified Environmental Product Declaration

The FortiGate 50G, 50G-SFP, 50G-5G, 51G, and 51G-5G are EPD compliant with ISO 14025 Type III (externally verified), ensuring data accuracy and full transparency on the product environmental impacts throughout its life cycle. For more information please visit https://www.environdec.com/library/epd21558

Specifications

	FG-50G/51G	FWF-50G/-51G
Hardware Specifications		
Hardware Accelerated GE WAN Ports	1	
Hardware Accelerated GE RJ45 Ports	3	
Hardware Accelerated GE RJ45 FortiLink Port (Default)	1	
USB Port	1	
Console Port (RJ45)	1	
Internal Storage	— / 64 GB SSD	— / 64 GB SSD
Trusted Platform Module (TPM)	✓	
Bluetooth Low Energy (BLE)	✓	
Signed Firmware Hardware Switch	✓	
Antenna Ports (SMA)	—	3
SIM Slots (Nano SIM)	—	—
Wireless Interface	—	Dual Radio (2.4 GHz/ 5 GHz), 802.11 a/b/g/n/ac/ax
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	2.25 Gbps	
NGFW Throughput [2, 4]	1.25 Gbps	
Threat Protection Throughput [2, 5]	1.1 Gbps	
System Performance		
Firewall Throughput (1518/512/64 byte UDP packets)	5 / 5 / 4 Gbps	
Firewall Latency (64 byte UDP packets)	2.42 µs	
Firewall Throughput (Packets Per Second)	6 Mpps	
Concurrent Sessions (TCP)	720 000	
New Sessions/Second (TCP)	85 000	
Firewall Policies	2000	
IPsec VPN Throughput (512 byte) [1]	4.5 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	200	
Client-to-Gateway IPsec VPN Tunnels	250	
SSL-VPN Throughput	—	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	—	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	1.3 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	699	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	74 000	

	FG-50G/51G	FWF-50G/-51G
Application Control Throughput (HTTP 64K) [2]	2.8 Gbps	
CAPWAP Throughput (HTTP 64K)	3.8 Gbps	
Virtual Domains (Default/Maximum)	5/5	
Maximum Number of FortiSwitches Supported	8	
Maximum Number of FortiAPs (Total/Tunnel Mode)	16 / 8	
Maximum Number of FortiTokens	500	
High Availability Configurations	Active-Active, Active-Passive, Clustering	
Dimensions		
Height x Width x Length (inches)	1.6 × 8.5 × 6.3	1.7 × 8.5 × 7.0
Height x Width x Length (mm)	40.5 × 216 × 160	42 × 216 × 178
Weight	2.2 lbs (1.0 kg)	2.4 lbs (1.1 kg)
Form Factor (supports EIA/ non-EIA standards)	Desktop	
Operating Environment and Certifications		
Power Rating	12VDC, 3A	
Power Required	Powered by External DC Power Adapter, 100–240V AC, 50/60 Hz	
Maximum Current	100V/0.4A, 240V/0.2A	TBA
Power Consumption (Average/Maximum)	8.3 W / 8.9 W	TBA
Heat Dissipation	30.35 BTU/h	TBA
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	-31°F to 158°F (-35°C to 70°C)	
Humidity	10% to 90% non-condensing	
Noise Level	Fanless 0 dBA	
Operating Altitude	Up to 10 000 ft (3048 m)	
Compliance	FCC, ISED, CE, UL/cUL, CB	
Certifications	USGv6/IPv6	
Radio Specifications		
Multiple User (MU) MIMO	—	2 × 2
Maximum Wi-Fi Speeds	—	1201 Mbps @ 5 GHz, 574 Mbps @ 2.4 GHz
Maximum Tx Power	—	21.0 dBm per chain @ 2.4GHz, 19.5 dBm per chain @ 5GHz

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

Specifications

	FG-50G-SFP	FWF-50G-SFP	FG-50G-SFP-POE/FG-51G-SFP-POE
Hardware Specifications			
Hardware Accelerated GE WAN Ports	1		2
Hardware Accelerated GE RJ45 Ports	3		—
Hardware Accelerated GE RJ45 POE/+ Ports	—		4
Hardware Accelerated GE SFP Slots	1		1
Hardware Accelerated GE RJ45 FortiLink Port (Default)	1		1 (PoE+)
USB Port	1		1
Console Port (RJ45)	1		1
Internal Storage	—		— / 64 GB SSD
Trusted Platform Module (TPM)	✓		✓
Bluetooth Low Energy (BLE)	✓		✓
Signed Firmware Hardware Switch	✓		✓
Antenna Ports (SMA)	—	3	—
Wireless Interface	—	Dual Radio (2.4 GHz/ 5 GHz), 802.11 a/b/g/n/ac/ax	—
System Performance — Enterprise Traffic Mix			
IPS Throughput [2]		2.25 Gbps	
NGFW Throughput [2, 4]		1.25 Gbps	
Threat Protection Throughput [2, 5]		1.1 Gbps	
System Performance			
Firewall Throughput (1518/512/64 byte UDP packets)		5 / 5 / 4 Gbps	
Firewall Latency (64 byte UDP packets)		2.42 µs	
Firewall Throughput (Packets Per Second)		6 Mpps	
Concurrent Sessions (TCP)		720 000	
New Sessions/Second (TCP)		85 000	
Firewall Policies		2000	
IPsec VPN Throughput (512 byte) [1]		4.5 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels		200	
Client-to-Gateway IPsec VPN Tunnels		250	
SSL-VPN Throughput		—	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)		—	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]		1.3 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]		699	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]		74 000	
Application Control Throughput (HTTP 64K) [2]		2.8 Gbps	
CAPWAP Throughput (HTTP 64K)		3.8 Gbps	
Virtual Domains (Default/Maximum)		5/5	
Maximum Number of FortiSwitches Supported		8	
Maximum Number of FortiAPs (Total/Tunnel Mode)		16 / 8	
Maximum Number of FortiTokens		500	
High Availability Configurations		Active-Active, Active-Passive, Clustering	

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

Specifications

	FG-50G-SFP	FWF-50G-SFP	FG-50G-SFP-POE/FG-51G-SFP-POE
Dimensions			
Height x Width x Length (inches)		1.6 × 8.5 × 6.3	
Height x Width x Length (mm)		40.5 × 216 × 160	
Weight		2.2 lbs (1.0 kg)	
Form Factor (supports EIA/non-EIA standards)		Desktop	
Operating Environment and Certifications			
Power Rating		12VDC, 3A	54VDC
Power Required		Powered by External DC Power Adapter, 100–240V AC, 50/60 Hz	
Maximum Current		100V/0.4A, 240V/0.2A	
Power Consumption (Average/Maximum)	8.3 W / 8.9 W	12.5 W / 13.9 W	75.4 W / 76.3 W | 78.7 W / 78.1 W
Total Available PoE Power Budget*	—	—	60 W
Heat Dissipation	30.35 BTU/h	47.4 BTU/h	260.48 BTU/h | 268.54 BTU/
Operating Temperature		32°F to 104°F (0°C to 40°C)	
Storage Temperature		-31°F to 158°F (-35°C to 70°C)	
Humidity		10% to 90% non-condensing	
Noise Level		Fanless 0 dBA	
Operating Altitude		Up to 10 000 ft (3048 m)	
Compliance		FCC, ISED, CE, UL/cUL, CB	
Certifications		USGv6/IPv6	
Radio Specifications			
Multiple User (MU) MIMO	—	2 × 2	—
Maximum Wi-Fi Speeds	—	1201 Mbps @ 5 GHz, 574 Mbps @ 2.4 GHz	—
Maximum Tx Power	—	21.0 dBm per chain @ 2.4GHz, 19.5 dBm per chain @ 5GHz	—

* Maximum loading on each PoE/+ port is 30 W (802.3at).

Specifications

	FG-50G-DSL	FWF-50G-DSL
Hardware Specifications		
Hardware Accelerated GE WAN Ports	1	
Hardware Accelerated GE RJ45 Ports	3	
Hardware Accelerated GE RJ45 FortiLink Ports (Default)	1	
DSL RJ11 Port	1	
USB Port	1	
Console Port (RJ45)	1	
Internal Storage	—	
Trusted Platform Module (TPM)	✓	
Bluetooth Low Energy (BLE)	✓	
Signed Firmware Hardware Switch	✓	
Antenna Ports (SMA)	—	3
Wireless Interface	—	Dual Radio (2.4 GHz/ 5 GHz), 802.11 a/b/g/n/ac/ax
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	2.25 Gbps	
NGFW Throughput [2,4]	1.25 Gbps	
Threat Protection Throughput [2,5]	1.1 Gbps	
System Performance		
Firewall Throughput (1518/512/64 byte UDP packets)	5 / 5 / 4 Gbps	
Firewall Latency (64 byte UDP packets)	2.42 µs	
Firewall Throughput (Packets Per Second)	6 Mpps	
Concurrent Sessions (TCP)	720 000	
New Sessions/Second (TCP)	85 000	
Firewall Policies	2000	
IPsec VPN Throughput (512 byte) [1]	4.5 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	200	
Client-to-Gateway IPsec VPN Tunnels	250	
SSL-VPN Throughput	—	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	—	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	1.3 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	699	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	74 000	
Application Control Throughput (HTTP 64K) [2]	2.8 Gbps	

	FG-50G-DSL	FWF-50G-DSL
CAPWAP Throughput (HTTP 64K)	3.8 Gbps	
Virtual Domains (Default/ Maximum)	5/5	
Maximum Number of FortiSwitches Supported	8	
Maximum Number of FortiAPs (Total/Tunnel Mode)	16 / 8	
Maximum Number of FortiTokens	500	
High Availability Configurations	Active-Active, Active-Passive, Clustering	
Dimensions		
Height x Width x Length (inches)	1.7 × 8.5 × 7.0	
Height x Width x Length (mm)	42 × 216 × 178	
Weight	2.14 lbs (0.97 kg)	2.2 lbs (1.0 kg)
Form Factor (supports EIA/ non-EIA standards)	Desktop	
Operating Environment and Certifications		
Power Rating	12VDC, 3A	
Power Required	Powered by External DC Power Adapter, 100–240V AC, 50/60 Hz	
Maximum Current	100V/0.2A, 240V/0.1A	100V/0.3A, 240V/0.15A
Power Consumption (Average/Maximum)	12.43 W / 13.01 W	17.74 W / 19.0 W
Heat Dissipation	44.36 BTU/hr	64.79 BTU/h
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	-31°F to 158°F (-35°C to 70°C)	
Humidity	10% to 90% non-condensing	
Noise Level	Fanless 0 dBA	
Operating Altitude	Up to 10 000 ft (3048 m)	
Compliance	FCC, ISED, CE, UL/cUL, CB	
Certifications	USGv6/IPv6	
xDSL Modem Supported Mode		
vDSL2	✓	
ADSL2	✓	
ADSL2+	✓	
G.DMT	✓	
T1.413	✓	
G.Lite	✓	
xDSL Modem Supported Type		
Annex A, B, I, J, M, L	✓	
Radio Specifications		
Multiple User (MU) MIMO	—	2 × 2
Maximum Wi-Fi Speeds	—	1201 Mbps @ 5 GHz, 574 Mbps @ 2.4 GHz
Maximum Tx Power	—	21.0 dBm per chain @ 2.4GHz, 19.5 dBm per chain @ 5GHz

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

Specifications

	FG-50G-5G/51G-5G	FWF-50G-5G-II
Hardware Specifications		
Hardware Accelerated GE WAN Ports	1	
Hardware Accelerated GE RJ45 Ports	3	
Hardware Accelerated GE RJ45 FortiLink Ports (Default)	1	
USB Port	1	
Console Port (RJ45)	1	
Internal Storage	— / 64 GB SSD	—
Trusted Platform Module (TPM)	✓	
Bluetooth Low Energy (BLE)	✓	
Signed Firmware Hardware Switch	✓	
Antenna Ports (SMA)	5	3
SIM Slots (Nano SIM)	2	2
Wireless Interface	—	Dual Radio (2.4 GHz/ 5 GHz), 802.11 a/b/g/n/ac/ax
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	2.25 Gbps	
NGFW Throughput [2,4]	1.25 Gbps	
Threat Protection Throughput [2,5]	1.1 Gbps	
System Performance		
Firewall Throughput (1518/512/64 byte UDP packets)	5 / 5 / 4 Gbps	
Firewall Latency (64 byte UDP packets)	2.42 µs	
Firewall Throughput (Packets Per Second)	6 Mpps	
Concurrent Sessions (TCP)	720 000	
New Sessions/Second (TCP)	85 000	
Firewall Policies	2000	
IPsec VPN Throughput (512 byte) [1]	4.5 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	200	
Client-to-Gateway IPsec VPN Tunnels	250	
SSL-VPN Throughput	—	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	—	
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	1.3 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS) [3]	699	
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	74 000	
Application Control Throughput (HTTP 64K) [2]	2.8 Gbps	
CAPWAP Throughput (HTTP 64K)	3.8 Gbps	
Virtual Domains (Default/Maximum)	5/5	
Maximum Number of FortiSwitches Supported	8	
Maximum Number of FortiAPs (Total/Tunnel Mode)	16 / 8	
Maximum Number of FortiTokens	500	
High Availability Configurations	Active-Active, Active-Passive, Clustering	

	FG-50G-5G/51G-5G	FWF-50G-5G-II
Dimensions		
Height x Width x Length (inches)	1.6 × 8.5 × 6.3	1.7 × 8.5 × 7.0
Height x Width x Length (mm)	40.5 × 216 × 160	42 × 216 × 178
Weight	2.2 lbs (1.0 kg)	2.4 lbs (1.1 kg)
Form Factor (supports EIA/ non-EIA standards)	Desktop	
Operating Environment and Certifications		
Power Rating	12VDC, 3A	
Power Required	Powered by External DC Power Adapter, 100–240V AC, 50/60 Hz	
Maximum Current	100V/0.4A, 240V/0.2A	100V AC / 0.4A, 240V AC / 0.2A
Power Consumption (Avg./Maximum)	8.3 W / 8.9 W	20.43 W / 23.59 W
Heat Dissipation	30.35 BTU/h	80.44 BTU/hr
Operating Temperature	32°F to 104°F (0°C to 40°C)	
Storage Temperature	-31°F to 158°F (-35°C to 70°C)	
Humidity	10% to 90% non-condensing	
Noise Level	Fanless 0 dBA	21.73 dBA
Operating Altitude	Up to 10 000 ft (3048 m)	
Compliance	FCC, ISED, CE, UL/cUL, CB	FCC, IC, CE, UL/ cUL, CB
Certifications	USGv6/IPv6	
Radio Specifications		
Multiple User (MU) MIMO	—	2 × 2
Maximum Wi-Fi Speeds	—	1201 Mbps @ 5 GHz, 574 Mbps @ 2.4 GHz
Maximum Tx Power	—	21.0 dBm per chain @ 2.4GHz, 19.5 dBm per chain @ 5GHz
5G Modem		
Maximum Tx Power	23 dBm (Power Class 3), 26 dBm (Power Class 2 in B41/n41)	
Regions	All Regions	
Modem Model	Telit Cinterion FN990A28-HP (2 SIM Slots, Active/Passive)	
5G Bands	n1, n2, n3, n5, n7, n8, n12, n13, n14, n18, n20, n25, n26, n28, n29 (SDL), n30, n38, n40, n41, n48, n66, n71, n75 (SDL), n76 (SDL), n77, n78, n79 (PC1.5 support on n41, n77, n78, n79 bands)	
LTE Bands	B1, B2, B3, B4, B5, B7, B8, B12, B13, B14, B17, B18, B19, B20, B25, B26, B28, B29 (SDL), B30, B32 (SDL), B34, B38, B39, B40, B41, B42, B43, B46, B48, B66, B71	
UMTS/HSPA+	B1, B2, B4, B5, B6, B8, B19	
WCDMA	B1, B2, B4, B5 (B6, B19), B8 (for EU and APAC regions only)	
CDMA 1xRTT/EV-DO Rev A	—	
GSM/GPRS/EDGE	—	
Carrier Certifications	PTCRB : Yes ATT : Yes T-Mobile : Target Q4 Verizon : Target Q4 Public Safety Network: Yes (FirstNet Capable)	
Diversity	✓	
MIMO	✓	
GNSS Bias	✓	

Note: All performance values are "up to" and vary depending on system configuration.

[1] IPsec VPN performance test uses AES256-SHA256.

[2] IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.

[3] SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.

[4] NGFW performance is measured with Firewall, IPS and Application Control enabled.

[5] Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

Subscriptions

Service Category	Service Offering	A-la-carte	Bundles		
			Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
FortiGuard Security Services	IPS — IPS, Malicious/Botnet URLs	•	•	•	•
	Anti-Malware Protection (AMP)—AV, Botnet Domains, Mobile Malware, Virus Outbreak Protection, Content Disarm and Reconstruct [3], AI-based Heuristic AV, FortiGate Cloud Sandbox	•	•	•	•
	URL, DNS and Video Filtering — URL, DNS and Video [3] Filtering, Malicious Certificate	•	•	•	
	Anti-Spam		•	•	
	AI-based Inline Malware Prevention [3]	•	•		
	Data Loss Prevention (DLP) [1]	•	•		
	Attack Surface Security — IoT Device Detection, IoT Vulnerability Correlation and Virtual Patching, Security Rating, Outbreak Check	•	•		
	OT Security—OT Device Detection, OT vulnerability correlation and Virtual Patching, OT Application Control and IPS [1]	•			
	Application Control		----------Included with FortiCare Subscription----------		
	Inline CASB [3]		----------Included with FortiCare Subscription----------		
SD-WAN and SASE Services	SD-WAN Underlay Bandwidth and Quality Monitoring	Models up to FG/FWF-60F series			
	SD-WAN Underlay and Application Monitoring Service	FG-70F series and above			
	SD-WAN Overlay-as-a-Service	•			
	SD-WAN Connector for FortiSASE Secure Private Access	•			
	SASE expansion for SD-WAN (SD-WAN SPA Connector license plus FortiSASE starter kit for n* users) [2]	Selected models only[2]			
	SASE connector for FortiSASE Secure Edge Management (with 10Mbps Bandwidth)	Desktop models only			
NOC and SOC Services	FortiConverter Service for one time configuration conversion	•	•		
	Managed FortiGate Service—available 24×7, with Fortinet NOC experts performing device setup, network, and policy change management	•			
	FortiGate Cloud—Management, Analysis, and One Year Log Retention	•			
	FortiManager Cloud	•			
	FortiAnalyzer Cloud	•			
	FortiGuard SOCaaS—24×7 cloud-based managed log monitoring, incident triage, and SOC escalation service	•			
Hardware and Software Support	FortiCare Essentials	Desktop models only			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	Device/OS Detection, GeoIPs, Trusted CA Certificates, Internet Services and Botnet IPs, DDNS (v4/v6), Local Protection, PSIRT Check, Anti-Phishing		----------Included with FortiCare Subscription----------		

1. Full features available when running FortiOS 7.4.1.

2. See the FortiSASE Ordering Guide for supported models and their associated number of user licenses.

3. Not available for FortiGate/FortiWiFi 40F, 60E, 60F, 80E, and 90E series from 7.4.4 onwards. Not available for FortiGate/FortiWiFi 30G and 50G series in any OS build.

FortiGuard AI-Powered Security Bundles for FortiGate

FortiGuard AI-Powered Security Bundles provide a comprehensive and meticulously curated selection of security services to combat known, unknown, zero-day, and emerging AI-based threats. These services are designed to prevent malicious content from breaching your defenses, protect against web-based threats, secure devices throughout IT/OT/IoT environments, and ensure the safety of applications, users, and data. All bundles include FortiCare Premium Services featuring 24×7×365 availability, one-hour response for critical issues, and next-business-day response for noncritical matters.

FortiCare Services

Fortinet prioritizes customer success through FortiCare Services, optimizing the Fortinet Security Fabric solution. Our comprehensive life-cycle services include Design, Deploy, Operate, Optimize, and Evolve. The FortiCare Elite, one of the service offerings, provides heightened SLAs and swift issue resolution with a dedicated support team. This advanced support option includes an extended end-of-engineering support of 18 months, providing flexibility and access to the intuitive FortiCare Elite portal for a unified view of device and security health, streamlining operational efficiency and maximizing Fortinet deployment performance.

Ordering Information

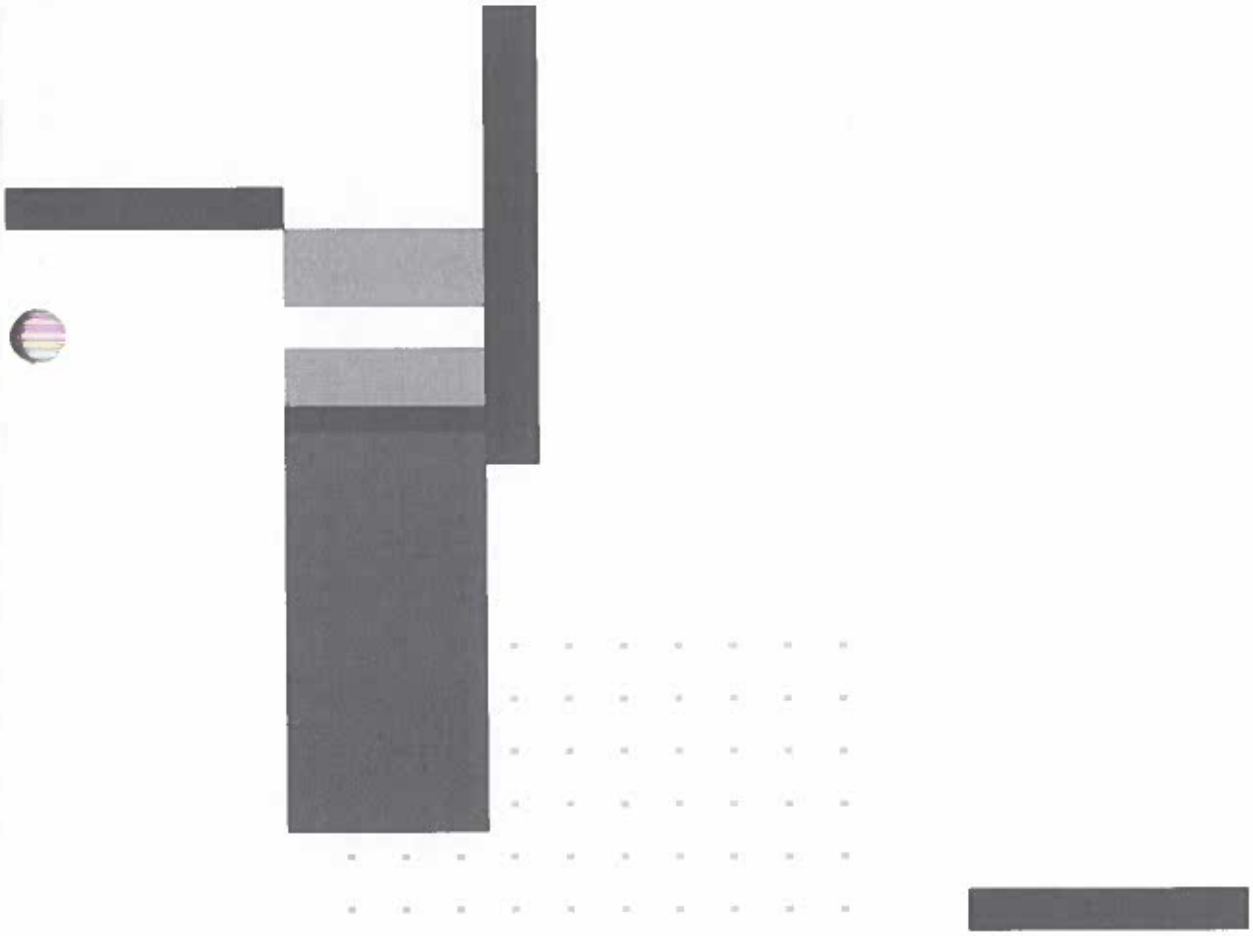
Product	SKU	Description
FortiGate 50G	FG-50G	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports).
FortiGate 51G	FG-51G	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), 64GB SSD.
FortiWiFi 50G	FWF-50G-[RC]	5 x GE RJ45 ports (including 4 x Internal Ports, 1 x WAN Ports), Wireless (802.11a/b/g/n/ac/ax). Region Code [RC].
FortiWiFi 51G	FWF-51G-[RC]	5 x GE RJ45 ports (including 4 x Internal Ports, 1 x WAN Ports), Wireless (802.11a/b/g/n/ac/ax), 64GB SSD onboard storage. Region Code [RC].
FortiGate 50G-SFP	FG-50G-SFP	5 x GE RJ45 ports (including 4x Internal Ports, 1 x WAN Ports), 1x SFP port.
FortiWiFi 50G-SFP	FWF-50G-SFP-[RC]	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), 1x SFP, Wireless (802.11a/b/g/n/ac/ax).
FortiGate 50G-SFP-POE	FG-50G-SFP-POE	3x RJ45 PoE+ ports, 1x RJ45 PoE+ WAN, 1x RJ45 WAN port, 1x SFP port.
FortiGate 51G-SFP-POE	FG-51G-SFP-POE	3x RJ45 PoE+ ports, 1x RJ45 PoE+ WAN, 1x RJ45 WAN port, 1x SFP port, with 64GB SSD storage.
FortiGate 50G-DSL	FG-50G-DSL	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports) with 1x embeded DSL module.
FortiWiFi 50G-DSL	FWF-50G-DSL-[RC]	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), 1x DSL port, Wireless (802.11a/b/g/n/ac/ax).
FortiGate 50G-5G	FG-50G-5G	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), with Embedded 3G/4G/LTE/5G wireless wan module, 5 external SMA WWAN antennas.
FortiGate 51G-5G	FG-51G-5G	5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), 5x GE RJ45 ports (including 4x Internal Ports, 1x WAN Ports), with Embedded 3G/4G/LTE/5G wireless wan module, 5 external SMA WWAN antennas, 64GB SSD onboard storage.
FortiWiFi 50G-5G-II	FWF-50G-5G-II	5x GE RJ45 ports (including 1x WAN Port, 4x Internal Ports), Wireless (802.11a/b/g/n/ac/ax), with Embedded 3G/4G/LTE/5G HP wireless wan module, 8 external SMA WWAN antennas.
Optional Accessories		
Rack Mount Tray	SP-RACKTRAY-02	Rack mount tray for all FortiGate E, F, and G series desktop models are backwards compatible with SP-RackTray-01.
Mounting Ear Bracket	SP-EAR-FG90G-10	Mounting Ear brackets for FWF-50G series and FG-90/91G 10 pairs pack.
Wall Mount Kit	SP-FG60F-MOUNT-20	Pack of 20 wall mount kits for FG/FWF-50G series, FG/FWF-60F series , and FG/FWF-80F series.
AC Power Adaptor	SP-FG-40F-PA-10 (-XX)	Pack of 10 AC power adaptors for FG/FWF-50G/-DSL/-5G series and FG/FWF-40F, come with interchangeable power plugs. (XX=various countries code)
	SP-FG50G-POE-PDC-5P	Pack of 5 AC power adaptors for FG-50/51G-SFP-POE, power cable SP-FGPCOR-XX sold separately.

[RC] = regional code: A, B, D, E, F, I, J, N, P , S, V, and Y

Visit https://www.fortinet.com/resources/ordering-guides for related ordering guides.

Fortinet Corporate Social Responsibility Policy

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November 3, 2025

FGFWF-SOG-DAT-R13-20251103

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:						
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031
1	Replacement Cycle Desktops/Laptops/ChromeBooks/Ipads	3	467,130	211,328	219,781	228,572	237,715
2	SoundField ADA Compliance	3	80,000	80,000	80,000	80,000	80,000
3	Access Points and Switches	3	111,177				
4	Elementary School Playground Surface Replacement	3	200,000	200,000	200,000		
5	Quaker Hill Heat Pump Replacement / BMS	3	177,500	182,250			
6	Auditorium Remediation / Soundproofing	3	42,500	42,500			
7	IT - BOE Tyler School ERP	3	275,000				
8	Quaker Hill Repavement of asphalt play area	3	35,000				
9	WHS - TURF Softball	3	60,000	60,000	60,000	60,000	60,000
10	WHS - TURF Main Field	3	110,000	110,000	110,000	110,000	110,000
	Field House Flooring / Bleacher renovation	3		575,000			
	Oswegatchie Heat Pump Replacement / BMS	3		180,000	180,000		
	Great Neck Heat Pump Replacement / BMS	3			180,500	185,915	
	IT - IT LEARNING BOARDS CLMS	3		265,000			
	CLMS - Rooftop Unit Replacement	3			265,000	272,000	
	Waterford High School Heat Pumps / BMS					350,000	350,000
	TOTALS		1,558,307	1,906,078	1,295,281	1,286,487	837,715

INDEX TO FUNDING SOURCES.

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY	**CONTACT PERSON**
Board of Education	Joseph Mancini
PROJECT NAME	**DEPARTMENT PRIORITY**
Replacement Cycle Desktops/Laptops/ChromeBooks/Ipads	1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This is a multi-tiered request for Equipment Replacement across the district. The request is for 400 Chromebook at a total cost of $198,000, 100 Ipads at $32,900, 95 Desktops for the Tech Ed Departments at $123,200, and 95 Desktops/65 Laptops across the district at $113,030. While the Chromebook and Ipad will be a yearly purchase, the replacement cycle is largely driven by the age of the equipment. While they were all replaced during the school construction projects we were able to extend the life cycles by using virtual machines, these systems now need to be replaced.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	None

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		467,130	211,328	219,781	228,572	237,715
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**467,130**	**211,328**	**219,781**	**228,572**	**237,715**

Vivacity Tech PBC
641 Fairview Ave
Saint Paul, MN 55104
(877) 731-2069
vivacitytech.com

Quote

51083912855

Quote expires: December 30, 2025

Account Name	Project Name	Payment Terms
Waterford School District	(400) Acer devices - Waterford School District	Net 30

Prepared For	Sales Representative	Contract
Mark Geer mgeer@waterfordschools.org +18604445801x1136	**Angel Kevadia** akevadia@vivacitytech.com	No Contract Selected

Products & Services

Item & Description	Quantity	Price	Total
Student Chromebooks for 2026 Student Chromebooks for 2026	400	$335.75	$134,300.00
Google Chrome OS Education License (CROSSWDISEDUNEW) Chrome OS Education License	400	$32.00	$12,800.00
Vivacity Tech 4-Year Vivacity Tech Vsuite Pro (Non-Touch) (VT-4YR-EMPLUS-NT) 4-Year Vivacity Tech Vsuite Pro (Non-Touch): Includes choice of Vivacity case or Charging Solution Blue Light Blocking Screen Protector installed by Vivacity Tech Covers both manufacturer defects and accidental damage Enhanced Priority repair for all covered devices No deductibles, claim limits, or shipping charges Battery and power adapter coverage Theft and loss coverage Self-Maintainer option available Dream Asset Management Subscription Repair Academy Subscription By purchasing a Vivacity Branded Warranty, you agree to the terms and conditions of the warranty. Full T&C's are available on the Dream portal or upon request	400	$100.00	$40,000.00

Item & Description	Quantity	Price	Total
V-Suite Warranty Shell Add-on V-Suite Warranty Shell Add-on	400	$10.00	$4,000.00
Vivacity Tech Blue Light Blocking Tempered Glass Screen Protector for 11.6" Clamshell (VT3M11BL) Vivacity Tech Blue Light Blocking Tempered Glass Screen Protector for 11.6" Clamshell	400	$0.00	$0.00
Screen Protector Installation Service Vivacity Tech Screen Protector Installation Service	400	$0.00	$0.00
Chromebook/Case Assembly Service Vivacity Tech Chromebook/Case Assembly Service	400	$0.00	$0.00
Vivacity Tech White Glove Service (SVC-WG) Vivacity Tech White Glove Service - Enroll Device in Console - Update OS to current version (to the date the service is performed)	400	$4.00	$1,600.00
Asset Tagging Service - VT Provided Vivacity Tech Asset Tagging Service - VT Provided	400	$5.00	$2,000.00
Vivacity Tech Advanced Zero Touch Enrollment (SVC-ZTE-ADV) Vivacity Tech Advanced Zero Touch Enrollment	400	$5.00	$2,000.00
Dream Subscription Dream Subscription	1	$0.00	$0.00
SRA Repair Academy Subscription	1	$0.00	$0.00
Vivacity Tech Future Google AI Pro for Education License Purchase (VT-GEMINI-PLACE-ITEM) Vivacity Tech Future Google AI Pro for Education License Purchase	4	$0.00	$0.00
VT Quick Deploy Packaging Service (FEE-GRNSH) Vivacity Tech Quick Deploy Packaging Service	400	$0.00	$0.00
Shipping & Handling Vivacity Tech Shipping & Handling	1	$1,300.00	$1,300.00

Subtotal	$198,000.00
Total	**$198,000.00**

Terms

Credit Card Payments are subject to a 3% Convenience fee.
Vivacity Tech reserves the right to assign any order to our vendor Assignment of Funds programs. The programs are a beneficial way for Vivacity to accommodate education or government end user orders. Please note that under these programs, the remittance address may change and additional paperwork may be required. Should this order be allocated to one of these programs, the Vivacity procurement team will follow up with further communication. We thank you in advance for your assistance in facilitating Vivacity's participation in these beneficial partnership programs. Pricing provided on Quotes expires on the expiration date stated on each Quote or while supplies last. If pricing is no longer accurate at the time of purchase your dedicated Account Manager will work with you to create an updated Quote.

Vivacity Tech PBC is the first and only Public Benefit Corporation to provide technology hardware to schools.
We are excited about this opportunity to work with you and your school district!

DELL Technologies

Your quote is ready for purchase.

Complete the purchase of your personalized quote through our secure online checkout before the quote expires on **Nov. 11, 2025.**

You can download a copy of this quote during checkout.

Quote No.	**3000195723455.2**	Sales Rep	Evan Walker
Total	**$90,148.70**	Phone	1(800) 4563355
Customer #	3989882	Email	Evan.E.Walker@dell.com
Quoted On	Oct. 27, 2025	**Billing To**	ACCOUNTS PAYABLE WATERFORD PUBLIC SCHOOLS 15 ROPE FERRY RD WATERFORD, CT 06385-2886
Expires by	Nov. 11, 2025		
Contract Name	OMNIA-National Cooperative Purchasing Alliance (NCPA)		
Contract Code	C000001019611		
Customer Agreement #	NCPA 01-143		
Deal ID	30194888		

Message from your Sales Rep

Please contact me at (512) 893-4531 if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Evan Walker

Additional Comments

Ask me about our Dell Business Credit and Leasing promotions!

Shipping Group

Shipping To

IT DEPT
WATERFORD PUBLIC SCHOOLS
22 ROPE FERRY RD
WATERFORD, CT 06385-2850
(860) 440-0565

Shipping Method

Standard Delivery

Product	Unit Price	Quantity	Subtotal
Dell Pro Max Slim FCS1250	**$1,269.70**	**71**	**$90,148.70**

Subtotal:	**$90,148.70**
Shipping:	**$0.00**
Non-Taxable Amount:	**$90,148.70**
Taxable Amount:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$90,148.70**



Shipping Group Details

Shipping To

IT DEPT
WATERFORD PUBLIC SCHOOLS
22 ROPE FERRY RD
WATERFORD, CT 06385-2850
(860) 440-0565

Shipping Method

Standard Delivery

	Unit Price	Quantity	Subtotal
Dell Pro Max Slim FCS1250	$1,269.70	71	$90,148.70

Estimated delivery if purchased today:
Nov. 12, 2025
Contract # C000001019611
Customer Agreement # NCPA 01-143

Description	SKU	Unit Price	Quantity	Subtotal
Dell Pro Max Slim (FCS1250) CTO Base	210-BPST	-	71	-
Intel Core Ultra 7 265K (30 MB cache, 20 cores, 20 threads, 3.3 GHz to 5.5 GHz, 125W)	338-CSCG	-	71	-
Windows 11 Pro	619-BBQD	-	71	-
Dell Pro Plus Keyboard and Mouse - KM7321W - US English	580-BCTR	-	71	-
Mouse included with Keyboard	570-AADI	-	71	-
NVIDIA(R) RTX(TM) A400, 4 GB GDDR6, 4 mDP to DP adapters	490-BKSJ	-	71	-
32GB: 2 x 16 GB, DDR5, 5600 MT/s, non-ECC	370-BCTK	-	71	-
1TB SSD TLC with DRAM M.2 2280 PCIe Gen4 SED Ready	400-BSWM	-	71	-
No Hard Drive	400-AKZR	-	71	-
Storage Config C6, 2280 boot	449-BCJF	-	71	-
No Hard Drive Bracket	575-BBKX	-	71	-
NO RAID	817-BBBN	-	71	-
No Wireless LAN Card	555-BLXZ	-	71	-
Intel vPro Active Management Technology	631-BCCZ	-	71	-
ENERGY STAR Qualified	387-BBLW	-	71	-
System Power Cord C13 (US 125V, 15A)	450-AHDU	-	71	-
Documentation	340-DNBV	-	71	-
Shipping Material (DAO)	340-CBUU	-	71	-
Shipping Material (DAO)	340-DTSR	-	71	-
Custom Configuration	817-BBBB	-	71	-
Quick Setup Guide	340-DTYN	-	71	-
US Reese coin battery Package Warning label	389-FKHB	-	71	-
Dell Pro Max Slim with 360W (80 Plus Platinum) PSU (with system fan), DAO	321-BLSC	-	71	-
Intel Rapid Storage Technology Driver	409-BCYS	-	71	-
Intel(R) Core(TM) Ultra 7 vPro Processor Label	389-FJVS	-	71	-
Dell Precision/Pro Max Desktops TPM	340-ACBY	-	71	-
EPEAT Gold with Climate+	379-BDZB	-	71	-

No Additional Network Card Selected (Integrated NIC included)	555-BBJO	-	71	-
English, French, Spanish, Brazilian Portuguese	619-BBPD	-	71	-
125W CPU Air Cooler	412-BCBQ	-	71	-
No Option Included	340-ACQQ	-	71	-
No Optical Drive	429-BBCL	-	71	-
Integrated Intel SATA Controller	403-BBCE	-	71	-
FSJ Regulatory Label, 360W Platinum	389-FJZS	-	71	-
Watch Dog SRV	379-BFYR	-	71	-
CMS Essentials DVD no Media	658-BBTV	-	71	-
No Fans Included	384-BDRW	-	71	-
No Hard Drive	400-AKZR	-	71	-
No Hard Drive	400-AKZR	-	71	-
No Media Card Reader	385-BBBL	-	71	-
Dell Limited Hardware Warranty Plus Service	716-2638	-	71	-
ProSupport Next Business Day Onsite 3 Years	717-0809	-	71	-
ProSupport 7x24 Technical Support 3 Years	717-0821	-	71	-
Thank you choosing Dell ProSupport. For tech support, visit //support.dell.com/ProSupport	989-3449	-	71	-
Activate Your Microsoft 365 For A 30 Day Trial	630-ABBT	-	71	-
Dell Pro Max Slim FCS1250	658-BFWB	-	71	-

Subtotal:	**$90,148.70**
Shipping:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$90,148.70**

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All products, pricing, and other information is based on the latest information available and is subject to change for any reason, including but not limited to tariffs imposed by government authorities. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.delltemc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

DELL Technologies

Your quote is ready for purchase.

Complete the purchase of your personalized quote through our secure online checkout before the quote expires on **Nov. 19, 2025**.

You can download a copy of this quote during checkout.

Quote No.	**3000196001495.1**	Sales Rep	Evan Walker
Total	**$66,765.50**	Phone	1(800) 4563355
Customer #	3989882	Email	Evan.E.Walker@dell.com
Quoted On	Nov. 04, 2025	**Billing To**	ACCOUNTS PAYABLE WATERFORD PUBLIC SCHOOLS 15 ROPE FERRY RD WATERFORD, CT 06385-2886
Expires by	Nov. 19, 2025		
Contract Name	OMNIA-National Cooperative Purchasing Alliance (NCPA)		
Contract Code	C000001019611		
Customer Agreement #	NCPA 01-143		
Deal ID	30194888		

Message from your Sales Rep

Please contact me at (512) 893-4531 if you have any questions or when you're ready to place an order. Thank you for shopping with Dell!

Regards,
Evan Walker

Additional Comments

Ask me about our Dell Business Credit and Leasing promotions!

Shipping Group

Shipping To

IT DEPT
WATERFORD PUBLIC SCHOOLS
22 ROPE FERRY RD
WATERFORD, CT 06385-2850
(860) 440-0565

Shipping Method

Standard Delivery

Product	Unit Price	Quantity	Subtotal
Dell Pro Micro QCM1250	**$614.25**	**45**	**$27,641.25**
Dell Pro 14 PC14250	**$711.35**	**55**	**$39,124.25**

Subtotal:	**$66,765.50**
Shipping:	**$0.00**
Non-Taxable Amount:	**$66,765.50**
Taxable Amount:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$66,765.50**



Shipping Group Details

Shipping To

IT DEPT
WATERFORD PUBLIC SCHOOLS
22 ROPE FERRY RD
WATERFORD, CT 06385-2850
(860) 440-0565

Shipping Method

Standard Delivery

	Unit Price	Quantity	Subtotal
Dell Pro Micro QCM1250	$614.25	45	$27,641.25

Estimated delivery if purchased today:
Nov. 10, 2025
Contract # C000001019611
Customer Agreement # NCPA 01-143

Description	SKU	Unit Price	Quantity	Subtotal
Intel(R) Core(TM) Ultra 5 235T (R) (13 TOPS NPU, 14 cores, up to 5.0GHz)	338-CRZJ	-	45	-
Windows 11 Pro	619-BBQD	-	45	-
16 GB: 1 x 16 GB, DDR5, up to 5600 MT/s, non-ECC	370-BCWF	-	45	-
256GB SSD TLC	400-BSWT	-	45	-
Internal WiFi Antenna	555-BLWT	-	45	-
Intel(R) Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth(R) wireless card	555-BLWW	-	45	-
Wireless Driver, Intel(R) Wi-Fi 6E AX211, 2x2, 802.11ax, Bluetooth(R) wireless card	555-BLZP	-	45	-
Dell Pro Micro with 35W Processor	329-BKRP	-	45	-
Dell Wired Keyboard - KB216 - US English - Black	580-BCCR	-	45	-
Dell Wired Mouse - MS116	570-BBKP	-	45	-
ENERGY STAR Qualified	387-BBLW	-	45	-
US Power Cord	450-AAZN	-	45	-
Documentation	340-DNBV	-	45	-
Watch Dog SRV	379-BFYR	-	45	-
Quick Start Guide	340-DTWQ	-	45	-
US/Canada Battery Warning Label	389-FKHG	-	45	-
Print on Demand Label	389-BDQH	-	45	-
Trusted Platform Module (Discrete TPM Enabled)	329-BBJL	-	45	-
Shipping Material, MPP Cusion	340-DTXM	-	45	-
Shipping Label	389-BBUU	-	45	-
Regulatory Label for 90W Adapter	389-FKNR	-	45	-
Driver/APP for IRST	658-BFTS	-	45	-
Intel Core Ultra 5 Processor Label	389-FGFR	-	45	-
Desktop BTO Standard shipment	800-BBIO	-	45	-
Dell Pro Micro QCM1250	210-BPPV	-	45	-
No vPro(R) support	631-BCFK	-	45	-
1st M.2 2230 SSD Extend Bracket & Screw	575-BCRQ	-	45	-
[illegible]	520-BBOY		45	

EPEAT Gold with Climate+	379-BDZB	-	45	-
No Additional Video Ports	492-BCKH	-	45	-
90 Watt A/C Adapter	450-ALFO	-	45	-
No Option Included	340-ACQQ	-	45	-
English, French, Spanish, Brazilian Portuguese	619-BBPD	-	45	-
Fixed Hardware Configuration	998-HLVH	-	45	-
Dell Limited Hardware Warranty Plus Service	716-3403	-	45	-
ProSupport: Next Business Day Onsite, 3 Years	716-4275	-	45	-
ProSupport: 7x24 Technical Support, 3 Years	716-4280	-	45	-
Thank you choosing Dell ProSupport. For tech support, visit //support.dell.com/ProSupport	989-3449	-	45	-
Activate Your Microsoft 365 For A 30 Day Trial	630-ABBT	-	45	-
Dell Pro Micro QCM1250	658-BFVZ	-	45	-
		Unit Price	**Quantity**	**Subtotal**
		$711.35	**55**	**$39,124.25**

Dell Pro 14 PC14250
Estimated delivery if purchased today:
Nov. 19, 2025
Contract # C000001019611
Customer Agreement # NCPA 01-143

Description	SKU	Unit Price	Quantity	Subtotal
Dell Pro 14 (PC14250) XCTO Base	210-BQGZ	-	55	-
Intel(R) Core(TM) Ultra 5 235U vPro(R) (12 TOPS NPU, 12 cores, up to 4.9 GHz)	379-BGGV	-	55	-
Windows 11 Pro	619-BBQD	-	55	-
Magnetite color, textured finish	354-BBKD	-	55	-
16 GB: 1 x 16 GB, DDR5, 5600 MT/s (5200 MT/s with Intel Core processors)	370-BCMP	-	55	-
Integrated Intel(R) graphics for Intel(R) Core(TM) Ultra 5 235U vPro(R) processor	338-CSJF	-	55	-
256 GB TLC SSD	400-BSKQ	-	55	-
English, French, Spanish, Brazilian Portuguese	619-BBPD	-	55	-
14", Non-Touch, FHD+, IPS, 300 nits, 45% NTSC, Anti-Glare, FHD Cam	391-BJPK	-	55	-
No Fingerprint Reader, vPro	346-BMRS	-	55	-
FHD HDR RGB Camera, TNR, Camera Shutter, Microphone	319-BBKK	-	55	-
English US backlit Copilot key keyboard, 79-key	583-BMLQ	-	55	-
Intel vPro Enterprise Management Disabled	631-BCDN	-	55	-
Intel(R) AX211 WLAN Driver	555-BMLY	-	55	-
Intel® Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax, Bluetooth® 5.3 wireless card	555-BLLQ	-	55	-
3-cell, 45 Wh, ExpressCharge Capable, ExpressCharge Boost Capable	451-BDKT	-	55	-
65W AC adapter, USB Type-C	492-BDTG	-	55	-
E4 Power Cord 1M for US	537-BBDO	-	55	-
Quick Start Guide	340-DTVR	-	55	-
Documentation	340-DNBV	-	55	-

Custom Configuration	817-BBBB	-	55	-
Dell Pro 14 (PC14250) Mix Model, 65W, Type-C	340-DVZR	-	55	-
EPEAT Gold with Climate+	379-BDZB	-	55	-
Intel® Rapid Storage Technology Driver	409-BCYT	-	55	-
Intel Core Ultra 5 Processor Label	389-FGFR	-	55	-
ProSupport: Next Business Day Onsite, 1 Year	714-0174	-	55	-
ProSupport: Next Business Day Onsite, 2 Year Extended	714-0181	-	55	-
ProSupport: 7x24 Technical Support, 3 Years	714-0197	-	55	-
Dell Limited Hardware Warranty	714-0313	-	55	-
Dell Limited Hardware Warranty Extended Year(s)	975-3461	-	55	-
Thank you choosing Dell ProSupport. For tech support, visit //support.dell.com/ProSupport	989-3449	-	55	-
Activate Your Microsoft 365 For A 30 Day Trial	630-ABBT	-	55	-
Dell Additional SW - Dell Pro Laptop	658-BFVB	-	55	-

Subtotal:	**$66,765.50**
Shipping:	**$0.00**
Estimated Tax:	**$0.00**
Total:	**$66,765.50**

Important Notes

Terms of Sale

This Quote will, if Customer issues a purchase order for the quoted items that is accepted by Supplier, constitute a contract between the entity issuing this Quote ("Supplier") and the entity to whom this Quote was issued ("Customer"). Unless otherwise stated herein, pricing is valid for thirty days from the date of this Quote. All products, pricing, and other information is based on the latest information available and is subject to change for any reason, including but not limited to tariffs imposed by government authorities. Supplier reserves the right to cancel this Quote and Customer purchase orders arising from pricing errors. Taxes and/or freight charges listed on this Quote are only estimates. The final amounts shall be stated on the relevant invoice. Additional freight charges will be applied if Customer requests expedited shipping. Please indicate any tax exemption status on your purchase order and send your tax exemption certificate to Tax_Department@dell.com or ARSalesTax@emc.com, as applicable.

Governing Terms: This Quote is subject to: (a) a separate written agreement between Customer or Customer's affiliate and Supplier or a Supplier's affiliate to the extent that it expressly applies to the products and/or services in this Quote or, to the extent there is no such agreement, to the applicable set of Dell's Terms of Sale (available at www.dell.com/terms or www.dell.com/oemterms), or for cloud/as-a-Service offerings, the applicable cloud terms of service (identified on the Offer Specific Terms referenced below); and (b) the terms referenced herein (collectively, the "Governing Terms"). Different Governing Terms may apply to different products and services on this Quote. The Governing Terms apply to the exclusion of all terms and conditions incorporated in or referred to in any documentation submitted by Customer to Supplier.

Supplier Software Licenses and Services Descriptions: Customer's use of any Supplier software is subject to the license terms accompanying the software, or in the absence of accompanying terms, the applicable terms posted on www.Dell.com/eula. Descriptions and terms for Supplier-branded standard services are stated at www.dell.com/servicecontracts/global or for certain infrastructure products at www.delemc.com/en-us/customer-services/product-warranty-and-service-descriptions.htm.

Offer-Specific, Third Party and Program Specific Terms: Customer's use of third-party software is subject to the license terms that accompany the software. Certain Supplier-branded and third-party products and services listed on this Quote are subject to additional, specific terms stated on www.dell.com/offeringspecificterms ("Offer Specific Terms").

In case of Resale only: Should Customer procure any products or services for resale, whether on standalone basis or as part of a solution, Customer shall include the applicable software license terms, services terms, and/or offer-specific terms in a written agreement with the end-user and provide written evidence of doing so upon receipt of request from Supplier.

In case of Financing only: If Customer intends to enter into a financing arrangement ("Financing Agreement") for the products and/or services on this Quote with Dell Financial Services LLC or other funding source pre-approved by Supplier ("FS"), Customer may issue its purchase order to Supplier or to FS. If issued to FS, Supplier will fulfill and invoice FS upon confirmation that: (a) FS intends to enter into a Financing Agreement with Customer for this order; and (b) FS agrees to procure these items from Supplier. Notwithstanding the Financing Agreement, Customer's use (and Customer's resale of and the end-user's use) of these items in the order is subject to the applicable governing agreement between Customer and Supplier, except that title shall transfer from Supplier to FS instead of to Customer. If FS notifies Supplier after shipment that Customer is no longer pursuing a Financing Agreement for these items, or if Customer fails to enter into such Financing Agreement within 120 days after shipment by Supplier, Customer shall promptly pay the Supplier invoice amounts directly to Supplier.

Customer represents that this transaction does not involve: (a) use of U.S. Government funds; (b) use by or resale to the U.S. Government; or (c) maintenance and support of the product(s) listed in this document within classified spaces. Customer further represents that this transaction does not require Supplier's compliance with any statute, regulation or information technology standard applicable to a U.S. Government procurement.

For certain products shipped to end users in California, a State Environmental Fee will be applied to Customer's invoice. Supplier encourages customers to dispose of electronic equipment properly.

Electronically linked terms and descriptions are available in hard copy upon request.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME Soundfield ADA Complaince	**DEPARTMENT PRIORITY** 2

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The soundfield system is an in classroom solution that allows for sound amplification from instructors as well as listening devices. Each classroom in Waterford has this ability, however they are at end of life. We are planning an $80,000 per year replacement cycle, these units are $2,655 each which will allow us to replace roughly 30 classrooms per year.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		80,000	80,000	80,000	80,000	80,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**80,000**	**80,000**	**80,000**	**80,000**	**80,000**

Product	Price	Quantity	Total
Pure Resonance Audio DA2500 Dual-Impedance 500W Rack Mount Power Amplifier Remove	$ 1,099.99 Edit	1	$ 1,099.99
		Remove 1 Update	
Pure Resonance Audio WMS1-HH-A Handheld Wireless Microphone System (Band A: 540 - 590 MHz) Remove	$ 674.99 Edit	1	$ 674.99
		Remove 1 Update	

Product	Price	Quantity	Total
 Pure Resonance Audio SD5 SuperDispersion Ceiling Speaker Array Remove	$ 579.99 Edit	1	$ 579.99

Remove

1

Update

Subtotal $ 2,354.97

Taxes and shipping calculated at checkout

Continue shopping | Update | Check out

amazon pay PayPal G

 WHERE TO BUY

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 CONTRACTOR REWARDS

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME Access Points and Switches	**DEPARTMENT PRIORITY** 3

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This is to replace end of life Wiresless access points at Waterford High School, Clark Lane, and Great Neck (216 of them across the three sites). And to replace 14 network switches which will be reaching end of life. Please note that the backup for this effort is for $222,353 but the request is for $111,177, there is a 50% rebate from eRate.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		111,177				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**111,177**	**0**	**0**	**0**	**0**

TOTAL COMMUNICATIONS

AP Upgrade & Switch- Budgetary

QUOTE # 002071 V1

PREPARED FOR

Waterford Public Schools

PREPARED BY

Eric Moore

Meraki WiFi

Description	Price	Qty	Ext. Price
Cisco Wireless 9172I(W7,3 radio,3 band 2x2),Global	$483.00	216	$104,328.00
SINGLE PACK OPTION	$0.00	216	$0.00
802.11 AP Universal Mounting Bracket	$0.00	216	$0.00
Flush Mount for APs & Cellular Gateways-Recessed	$0.00	216	$0.00
Meraki MR Enterprise License, 3YR	$160.00	216	$34,560.00
		Subtotal:	$138,888.00

Catalyst/Meraki Switches

Description	Price	Qty	Ext. Price
C9200L 48-p 12xmGig, 36x1G, 4x10G PoE+, w/Meraki	$4,375.00	10	$43,750.00
Meraki AC Power Cord (US Plug)	$0.00	10	$0.00
50CM Type 4 Stacking Cable, w/Meraki	$48.00	10	$480.00
C9200L Stack KIT, w/Meraki	$565.00	10	$5,650.00
Meraki Essentials License for C9200L 48-Port, 3 year	$555.00	10	$5,550.00
C9200L 48-port PoE+, 4 x 10G, w/Meraki	$2,999.00	5	$14,995.00
Meraki AC Power Cord (US Plug)	$0.00	5	$0.00
50CM Type 4 Stacking Cable, w/Meraki	$48.00	5	$240.00
C9200L Stack KIT, w/Meraki	$565.00	5	$2,825.00
Meraki Essentials License for C9200L 48-Port, 3 year	$555.00	5	$2,775.00
Data Fixed fee labor for service or project work.	$7,200.00	1	$7,200.00
		Subtotal:	$83,465.00

AP Upgrade & Switch- Budgetary

Prepared by:

Total Communications

Eric Moore
860-622-4153
ericmoore@totalcomm.com

Prepared for:

Waterford Public Schools

15 Rope Ferry Road
Waterford, CT 06385
Mark Geer
(860) 440-0565
mgeer@waterfordschools.org

Quote Information:

Quote #: 002071

Version: 1
Delivery Date: 11/05/2025
Expiration Date: 12/04/2025

Quote Summary

Description	Amount
Meraki WiFi	$138,888.00
Catalyst/Meraki Switches	$83,465.00
Total:	**$222,353.00**

Taxes, shipping, handling, tariffs, and other fees may apply. We reserve the right to adjust pricing or cancel orders arising from economic or supply chain fluctuations, including but not limited to changes in trade regulations or global market conditions.

Total Communications

Signature: _____

Name: Eric Moore

Title: Major Account Executive

Date: 11/05/2025

Waterford Public Schools

Signature: _____

Name: Mark Geer

Date: _____

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME Elementary Playground Surface Replacement	**DEPARTMENT PRIORITY** 4

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This is the proposed replacement cycle for the Elementary Playground Surface Replacement. These surfaces have a long service life, roughly 10-20 years. They follow predictable phases of wear like granule loosening and cracking, and eventual refurbishment or replacement. Over the years the board has yearly gone through site and spot specific repair and renewal efforts. The schools are reaching that 20 year mark and the surface is becoming more granule as the years go on. This is a three year, three school effort and will be contracted out.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		200,000	200,000	200,000		
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	200,000	200,000	200,000	0	0

O'BRIEN & SONS
ELEMENTS FOR A GREAT OUTDOORS

Rep: Brian Iafolla
Email: Brian_Iafolla@obriensandsons.com
Phone: 508-404-7190
CPSI# 41615-0521

Project Name: Oswegatchie School
Location: Waterford CT

Surface America

OPTION 1 - Repair

	QTY	Model #	Description	Price/unit	Total
Big kids area	240 sqft	PIP	240 Sqft of repairs under swings and at base of slides 3.5" thick 50% Standard color 50% black speckled mix Aromatic Binder Includes 6 pails binder for roll coat throughout 4500 sqft area Includes Freight and installation by S/A		$ 22,400.00
Little kids area	1520 sqft	PIP	Playbound Poured in place rubber playground saftey surfacing 2.5" thick throughout 50% Standard color 50% black speckled mix Aromatic Binder Includes Freight and installation by S/A	$ 26.50	$ 40,280.00

Site prep Services	QTY	Model #	Description	Price/unit	Total
	1770 sqft		Cut out 1770 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 2 tons)	$ 7.00	$ 12,390.00

OPTION 2 - Replace

	QTY	Model #	Description	Price/unit	Total
Both areas	6030 sq-ft	PIP	Playbound Poured in place rubber playground saftey surfacing 2.5" thick (1530 sqft) 3.5" thick (4500 sqft) 50% Standard color 50% black speckled mix Aromatic Binder Includes Freight and installation by S/A	$ 23.00	$ 138,690.00

Site prep Services	QTY	Model #	Description	Price/unit	Total
	6030 sq-ft		Cut out 6030 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 5 tons)	$ 5.00	$ 30,150.00

O'BRIEN & SONS
ELEMENTS FOR A GREAT OUTDOORS

Rep: Brian Iafolla
Email: Brian_iafolla@obrienandsons.com
Phone: 508-404-7190
CPSI# 41615-0521

Project Name: Quaker Hill School
Location: Waterford CT

Surface America

OPTION 1 - Repair

	QTY	Model #	Description	Price/unit	Total
Big kids area	2592 sqft	PIP	Playbound Poured in place rubber playground saftey surfacing 3.5" thick throughout 50% Standard color 50% black speckled mix Aromatic Binder 2,400 sqft NEW surface, 192 sqft repair to existing Includes 3 pails of binder for roll coat to half that will remain Includes Freight and Installation by S/A	$ 26.80	$ 69,465.60
Little kids area	20 sqft	PIP	20 sqft of patchwork to repair worn/damaged areas 50% Standard color 50% black speckled mix Aromatic Binder Includes Freight and Installation by S/A		$ 7,440.00

Site prep Services	QTY	Model #	Description	Price/unit	Total
	2592 sqft		Cut out 2592 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 2 tons)	$ 6.00	$ 15,552.00

OPTION 2 - Replace

	QTY	Model #	Description	Price/unit	Total
Both areas	6150 sqft	PIP	Playbound Poured in place rubber playground saftey surfacing 2.5" thick (1450 sqft) 3.5" thick (4700 sqft) 50% Standard color 50% black speckled mix Aromatic Binder	$ 23.00	$ 141,450.00

Site prep Services	QTY	Model #	Description	Price/unit	Total
	6150 sqft		Cut out 6150 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 5 tons)	$ 5.00	$ 30,750.00

O'BRIEN & SONS
ELEMENTS FOR A GREAT OUTDOORS

Rep: Brian Iafolla
Email: Brian_Iafolla@obrienandsons.com
Phone: 508-404-7190
CPSI# 41615-0521

Project Name: Great Neck School
Location: Waterford CT

Surface America

OPTION 1 - Repair

	QTY	Model #	Description	Price/unit		Total
			Playbound Poured in place rubber playground			
Big kids area	5000 sqft	PIP	saftey surfacing 3.5" thick throughout 50% Standard color 50% black speckled mix Aromatic Binder Includes Freight and Installation by S/A	$ 25.00		$ 125,000.00
Little kids area	10 sqft	PIP	10 sqft of patchwork to repair worn/damaged areas 50% Standard color 50% black speckled mix Aromatic Binder Includes 2 pails binder for roll coat throughout 1550 sqft area Includes Freight and Installation by S/A			$ 12,800.00

Site prep Services	QTY	Model #	Description	Price/unit		Total
	5000		Cut out 5000 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 5 tons)	$ 5.50	$ 5.00	$ 27,500.00

OPTION 2 - Replace

	QTY	Model #	Description	Price/unit		Total
			Playbound Poured in place rubber playground			
Both areas	6550 sq-ft	PIP	saftey surfacing 2.5" thick (1550 sqft) 3.5" thick (5000 sqft) 50% Standard color 50% black speckled mix Aromatic Binder	$ 23.00		$ 150,650.00

Site prep Services	QTY	Model #	Description	Price/unit		Total
	6550 sq-ft		Cut out 6550 sqft of existing rubber Dispose of rubber Re-compact existing sub-grade Supply new processed stone as needed (< 5 tons)	$ 5.00		$ 32,750.00

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME Quaker Hill Heat Pump / BMS replacement	**DEPARTMENT PRIORITY** 5

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	Quaker Hill Elementary was completed in 2008 and the building heat pumps have started to fail over the past few years. The systems that were installed, specifically at quaker hill, use R-22 refrigerant. R-22 is more commonly known as freon. When leaks develop in these systems it has become cost prohibitive to repair, costs of freon are over $150/Lb and each unit holds between 5 and 10 lbs. The second part of this project is the replacement of the building management system (BMS). This is the system that monitors and controls the buildings mechanical and electrical systems.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	30,000	177,500	182,250			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**30,000**	**177,500**	**182,250**	**0**	**0**	**0**

ABS
Automated Building Systems, Inc.
Comfort, Savings, & Knowledge Through Innovation

Main Office
126 Kreiger Lane
Glastonbury, Connecticut 06033
TEL 860.657.9257 FAX 860.657.3135 www.absddc.com

Marlborough, Massachusetts
Bedford, New Hampshire

Licenses: CT E1-125715, CT S1-389041, MA 1136 A1

October 22, 2025
TO: Waterford Schools
ATTN: Jay Miner
FROM: Brian Butler

PROPOSAL: Quaker Hill-Admin Area HVAC Controls

From: Brian Butler
(508) 505-6252
bbutler@absddc.com

Automated Building Systems, Inc. is pleased to quote you on the following scope of work for the above referenced project.

- **An Alerton Temperature Control System, consisting of:**
  - Upgrade Alerton Compass software size
  - ACM license
  - Power supply and ethernet switch
- **Direct Digital Control of (5) ERU, consisting of:**
  - Supply fan start/stop/status
  - Return fan start/stop/status
  - Supply air temperature & humidity
  - Return air temperature humidity
  - Heat wheel enable/disable
  - Outdoor and exhaust air damper control
  - Face and bypass damper control
  - Includes electrical installation
  - Includes programming, graphics, and checkout to ensure proper operation.
- **Direct Digital Control of (1) MUA & KEF-1, 2, consisting of:**
  - MUA fan start/stop/status
  - Supply air temperature
  - Gas heat control
  - DX cooling control
  - Outdoor air damper control
  - KEF-1 & 2 start/stop/status
  - Includes electrical installation
  - Includes programming, graphics, and checkout to ensure proper operation.
- **Direct Digital Control of (2) Geothermal Pumps, consisting of:**

- Pump start/stop/status
- Diff pressure control
- DP valve control (existing to remain)
- Space temperature sensor
- Includes electrical installation
- Includes programming, graphics, and checkout to ensure proper operation.

Total Cost..... **$47,800.00**

TRANE Supply

QUOTATION

Trane U.S. Inc.
HARTFORD PARTS SUPPLY
485 LEDYARD STREET
HARTFORD, CT 06114
USA
PH: 860-541-1721
Hartford@tranesupply.com

Order Number	
28268798	
Order Date	Page
12/17/2025 09:05:35	1 of 2

Quote Expires On: 01/16/2026

Prepared For:

WATERFORD PUBLIC SCHOOLS
TOWN OF WATERFORD
PO BOX 284
WATERFORD, CT 06385
USA
8604445880

Ship To:

WATERFORD PUBLIC SCHOOLS
20 Rope Ferry Rd
Waterford, CT 06385-2850
USA

Requested By: Mr. BRUCE BORDNER,

P21 ID: 1137788
Payment Terms: N30
National Account ID:

Internal Account: 2634434
Customer No: 96996

PO Number	*Ship Route*	*Quoted By:*
Quote - WSHP 4 & 5 ton		Ariel Pannell

Unit Info: Make / Model / Serial

Quantities					*Item ID* / *Item Description*	*Pricing UOM* / *Unit Size*	*Unit Price* / *Store Pickup*	*Extended Price* / *HazMat*
Ordered	*Allocated*	*Remaining*	*UOM* / *Unit Size*	*Disp.* / *Weight*				
1	0	1	EA		GEHK06041-0BLD1	EA	6,806.14	6,806.14
Non-Returnable		1.0	195.00		GEHK06041A0KB0BLD0101001100000000000001A GEHK06041A0KB0BLD0101001100000000000001A	1.0	N	N
1	0	1	EA		270580110100	EA	208.65	208.65
Non-Returnable		1.0	0.00		WARR; 1ST YR WHOLE UNIT LABOR WARR; 1ST YR WHOLE UNIT LABOR	1.0	N	N
1	0	1	EA		GEHK04841-0BRD1	EA	6,129.22	6,129.22
Non-Returnable		1.0	195.00		GEHK04841A0KB0BRD0101001100000000000001A GEHK04841A0KB0BRD0101001100000000000001A	1.0	N	N
4	0	4	EA		HSE02051	EA	184.80	739.20
Non-Returnable		1.0	0.00		HOSE; 2 FT; STAINLESS STEEL BRAIDED FLEXIBLE; 1 INCH DIAMETER	1.0	N	N
1	0	1	EA		270580110100	EA	208.65	208.65
Non-Returnable		1.0	0.00		WARR; 1ST YR WHOLE UNIT LABOR WARR; 1ST YR WHOLE UNIT LABOR	1.0	N	N

TRANE Supply

QUOTATION

Trane U.S. Inc.
HARTFORD PARTS SUPPLY
485 LEDYARD STREET
HARTFORD, CT 06114
USA
PH: 860-541-1721
Hartford@tranesupply.com

Order Number	
28268798	
Order Date	Page
12/17/2025 09:05:35	2 of 2

Quote Expires On: 01/16/2026

Total Lines: 5

SUB-TOTAL	14,091.86
CONNECTICUT TAX	0.00
QUOTE TOTAL	**14,091.86**
U.S. Dollars	

This is a quote, not an invoice. Prices quoted are subject to change at any time. Tax is an estimate and is subject to changes in shipping address and applicable tax rates. Shipping and Handling charges will be applied if necessary at the time of the order. Quoted items are subject to availability and are not guaranteed to be in stock. Returned parts may be subject to restocking fees and special-order parts may not be returnable.

Trane Supply will hold your completed order for a maximum of 15 days. After 15 days your order will be subject to cancellation and the items will be returned to stock.

All purchases are subject to Trane Parts and Supplies terms of sale, www.trane.com/PartsTermsOfSale

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	CONTACT PERSON Joseph Mancini
PROJECT NAME Auditorium Remediation / Soundproofing	DEPARTMENT PRIORITY 6

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

This is for auditoriums at Oswegatchie, Great Neck, and Waterford High School. This is to replace / upgrade the AV wiring at each location as well as add some soundproofing.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2028	FY2029	FY2030	FY2031	FY2032
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		42,500	42,500			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	42,500	42,500	0	0	0

FROM
Katy Serio
RnB Enterprises
115 Hurley Rd
Oxford, CT 06478
www.RnBEnterprises.com
PHONE
(800) 998-8865

FOR
Waterford Public Schools
TO
Mark Geer
EMAIL
mgeer@waterfordschools.org
PHONE
8604400565

QUOTE NUMBER
28145
DATE
November 4, 2025
EXPIRY DATE
December 1, 2025 at 1:00 PM
Download PDF

Waterford High School - Auditorium Control System & Connection Panel Upgrades

Preliminary Proposal Only

Scope Of Work

This quote is a preliminary proposal for budgetary purposes only. Final product selections and pricing can be confirmed after a review with RnB to get your feedback and approval. These products are recommended solutions and we are happy to provide alternatives that are higher or lower in quality or cost depending on your top priorities for the system and budget needs.

Thank you for the opportunity to partner with you on this project!

Auditorium has Upper Catwalk
Stage is solid Concrete
40' Ceilings Backstage, ~31'6" Otherwise
89'5" long x 77'8" wide

Current Projector Model - Sony VPL-FHZ75
Throw Distance is ~139'10" from Booth
Connections via Crestron QM-RX QuickMedia Receiver/Switcher which would be replaced with Atlona in this system

Projector Connection Panel:
- Audio In: Mini Jack
- Audio Out: Mini Jack
- Composite: BNC
- DVI Digital Input
- HDBaseT: RJ-45
- HDMI
- RS232: DB-9pin
- VGA In: Dsub-15pin
- VGA Out: Dsub-15pin

- Due to ongoing global trade conditions, including the potential for new or existing tariffs, the prices and lead times in this quote are subject to change. Tariffs and supply chain disruptions may affect the cost and availability of components. We reserve the right to adjust pricing and delivery schedules accordingly, but will do our best to mitigate and offset the impact to our clients as best as possible.**



Discovery Visit

Initial discovery visit by our licensed technicians to confirm site conditions, conduit pathways, etc. to ensure an efficient installation plan.

Project Discovery Visit

x 1

This includes an on-site tech visit to the specified location from our licensed techs/installers.

This first step is required before a formal quote can be provided for more complex projects and installations.

Please Note - A Discovery Visit is not intended to solve any issues while on site. The purpose is to take a deeper dive into your infrastructure in relation to any issues or new solutions you would like to integrate to help us in determining the best, most efficient path forward



Control / Connection Panels

Replace Crestron Control systems (3) - Backstage at Rack, Back of Auditorium, Auditorium Booth in Rack
Replace Connection Panels (3) - Front of Stage, Back of Auditorium, Auditorium Booth

Atlona Wallplate HDBaseT Transmitter for HDMI and USB-C

x 3

2×1 HDBaseTTM switcher with HDMI® and USB-C® inputs
HDBaseT transmitter for AV and USB (host and peripheral)
USB 2.0 interfacing and extension up to 330 feet (100 meters)
US one-gang enclosure for wallplate openings – interchangeable black or white trim kits
4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling
HDCP 2.2 compliant
Remote powering over HDBaseT



Atlona 4×2 Matrix Switcher with USB Hub and HDBaseT Input

x 1

4×2 AV matrix switcher with USB-C®, HDBaseTTM, and HDMI® inputs
USB-C input for AV, USB data, and device charging (up to 60 watts)
HDBaseT and HDMI outputs with selectable AV switching modes
USB 2.0 interfacing and extension up to 330 feet (100 meters)
4K/UHD capability @ 60 Hz with 4:4:4 chroma sampling (local ports)
Selectable 4K to 1080p downscaling



Atlona HDBaseT Receiver for HDMI with USB

x 1

HDBaseTTM receiver for HDMI® video, Ethernet, power, control, and USB
USB 2.0 interfacing and extension up to 330 feet (100 meters)
4K/UHD capability @ 60 Hz with 4:2:0 chroma subsampling
HDCP 2.2 compliant
Remotely powered over HDBaseT, or locally powered (can supply power over HDBaseT to a transmitter)



Netgear 24 Port POE+ Managed Switch — x 1

Total Number of Network Ports: 24
Ethernet Technology: 10 Gigabit Ethernet
Network Technology: 10/100/1000Base-T
Network Technology: 10GBase-X
Manageable: Yes
PoE (RJ-45) Port: Yes
PoE Budget: 480 W



Covid Bulk Cat6 Cable — x 1

Supports all Category 6 applications including Ethernet 10 / 100 / 1000 BaseT, HDBaseT, Audio, Video, Control and Voice Signal Transmission



Control Panels

Touch Panels come in 7" or 10" models

Atlona Velocity 10" Touch Panel with Wall Mount Kit — x 3



Atlona Hardware Gateway for AV Control — x 1



Atlona IP to Relay / Sensor Signal Converter for Velocity Control System — x 3



Programming for Each Control System & Configuration — x 1

Complete programming of the above system



Miscellaneous Cables and Accessories for System Integration

x 1



Installation Services & System Integration

Project Design

x 1

Audio Visual Design

Installation Services

x 1

Installation of above products by a licensed Installer

INSTALLATION SERVICES >

Shipping

x 1

Shipping of the above product



☐ **Optional Only If District has one we can use:**

x 1
Not selected

Driving Lift Rental & Delivery

30-33' ELECTRIC SCISSOR LIFT NARROW



Options selected 0 of 1

Total $31,019.48

State of Connecticut Certified Small Business Enterprise

We would like to thank you for giving RnB Enterprises, Inc the opportunity to quote you on the above-listed items. Our goal is to provide you with the products and information that help you succeed. Should you have any questions regarding this quote or any other A/V pricing needs, please feel free to contact me at (800) 998-8865 or email me at Katy@rnbenterprises.com

Like us on Facebook: facebook.com/RnBCT
Follow us on Twitter: twitter.com/rnb_enterprises

Please Note: RnB has licensed E1 Electrician on staff license # ELC.0202483-E1, should you require any electrical installation to accompany your Audio-Visual needs.
The above project is non-plenum, non-prevailing wage and electrical is to be provided by others unless otherwise specified. A walkthrough (if necessary) will be scheduled once the PO has been received by RnB Enterprises.

Questions & Answers

Waterford High School - Auditorium Control System & Connection Panel Upgrades

Preliminary Proposal Only

Total **$31,019.48** (0 of 1 options selected)

Additional comments

Optional

Your order/reference number

Optional

Signature

Draw | Type | Sign from a touch device

Draw here

☐ **Yes, I** Mark Geer **agree to and accept this quote, on November 5, 2025 at 8:00 AM.**

Accept Quote

Decline this quote...

Powered by Quoted

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME IT-BOE Tyler School ERP	**DEPARTMENT PRIORITY** 7

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	ADS is no longer supported by Tyler Technology, the town is already using Munis, and it's time to upgrade the system. The Board evaluated both Munis and School ERP, and School ERP seems to be in tune with school operations. Attached is a quote from Tyler that encompasses the implementation fee of the accounting side $136,506, a yearly recurring fee of $37,986, implementation of time keeping solution $55,498, and a reserve of $45,000 to cover auditing fees and any price escalation. This was a much lower estimate than implementing Munis which was around $450K.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	There is the potential for this to replace other recurring software apps should the integration prove as promising as the demonstrations.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		275,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	275,000	0	0	0	0

INVESTMENT SUMMARY FOR:
Waterford School District, CT

PRESENTED BY:
Michele Richardson

5/11/2025

tyler
technologies

tyler technologies

Quoted By: Michele Richardson
Quote Expiration: 6/10/25
Quote Name: Evergreen Migration - Profund to School ERP Pro; On-Premise to Hosted; Absence and Substitute

Sales Quotation For:
Joseph Mancini
Waterford School District
15 Rope Ferry Rd
Waterford CT 06385-2806
Phone: +1 (860) 444-5849

Student Count:2,338 / Cost Center:6

Tyler Software

Description	License	Discount	License Total	Annual Maintenance
School ERP Pro				
Employee Daily Time Entry	$ 3,656	$ 0	$ 3,656	$ 658
Core Accounting	$ 30,511	$ 30,511	$ 0	$ 7,323
Grant/Project Tracking	$ 2,401	$ 2,401	$ 0	$ 840
Human Resources	$ 7,326	$ 7,326	$ 0	$ 1,500
Info-Link	$ 1,525	$ 1,525	$ 0	$ 505
iVisions Web Suite	$ 10,655	$ 0	$ 10,655	$ 2,024
Online Shopping	$ 2,546	$ 0	$ 2,546	$ 505
Payroll	$ 10,171	$ 5,086	$ 5,085	$ 2,441
State Reporting	$ 2,575	$ 2,575	$ 0	$ 644
Timecard Interface	$ 3,656	$ 0	$ 3,656	$ 505
Benefits Enrollment	$ 3,933	$ 0	$ 3,933	$ 1,050
Content Manager				
Content Manager Core	$ 3,745	$ 0	$ 3,745	$ 1,050
Employee Onboarding	$ 3,750	$ 0	$ 3,750	$ 938

Sub-Total:	*$ 86,450*		*$ 37,026*	*$ 19,983*
Less Discount:				*$ 1,221*
TOTAL:	**$ 86,450**	**$ 49,424**	**$ 37,026**	**$ 18,762**

Tyler Annual

Description	Annual
Absence & Substitute Management Suite	
Absence & Substitute Management Suite	$ 5,202
School ERP Pro	
Hosting Fee	$ 6,325
Benefits Enrollment Service Package	$ 7,697
TOTAL:	**$ 19,224**

Services

Description	Quantity	Price	Extended Price	Maintenance
School ERP Pro				
Implementation	440	$ 120	$ 52,800	$ 0
Conversions	40	$ 120	$ 4,800	$ 0
Project Management	160	$ 120	$ 19,200	$ 0
Software Install Services	40	$ 120	$ 4,800	$ 0
Benefits Enrollment Services	1	$ 10,000	$ 10,000	$ 0
Absence & Substitute Management Suite				
Absence & Substitute Implementation Fee	24	$ 120	$ 2,880	$ 0
Absence & Substitute Project Management	4	$ 170	$ 680	$ 0

Content Manager				
Core Services	8	$ 120	$ 960	$ 0
Core Training	16	$ 120	$ 1,920	$ 0
Employee Onboarding Services	12	$ 120	$ 1,440	$ 0
TOTAL:			**$ 99,480**	**$ 0**

Summary	**One Time Fees**	**Recurring Fees**
Total Tyler Software	$ 37,026	$ 18,762
Total Annual		$ 19,224
Total Tyler Services	$ 99,480	$ 0
Summary Total	**$ 136,506**	**$ 37,986**

Comments

All services quoted herein are assumed to be delivered remote unless otherwise stated.

Absence & Substitute replaces Substitute Calling System Leave and/or Time Worked Interface Support.

Proposal Notes:
PRELIMINARY PROPOSAL

Waterford School District, CT

Evergreen Migration - Profund to School ERP Pro; On-Premise to Hosted:

Expected Live Date: **July 1, 2026**

Timeline from Contract Signing-to-Cutover-to-Live-Production: 10+ Months
- Spots confirmed on first come-first-serve basis

All services quoted herein are assumed to be delivered remote unless otherwise stated.

Profund Data - Client owns the Profund Software and Data. Once migrated to School ERP Pro, the district will be responsible for maintaining the Profund software/data on an on-premise, compliant server.
- Service fees apply for Profund Server move: $1,440
- Current system requirements to be provided if server upgrade is required.
- Profund annual support will be inactivated

Hosting/Cloud
School ERP Pro is moving to a Cloud-based model, all future enhancements and web-based functions will be included in this model. For our Profund clients migrating to School ERP Pro, hosting is required.

Any SaaS or hosted solutions added to an agreement containing Client-hosted Tyler solutions are subject to Tyler's SaaS Services terms found here: https://www.tylertech.com/terms/tyler-saas-services

Tyler's Evergreen Program - Profund Module Licenses are transferred to School ERP Pro via Tyler's Evergreen Program which means there are no additional license fees for currently owned Profund Modules.

- The Web Portal, in its entirety, does not exist in Profund and does not fall under the Evergreen License program
Annual support fees for the *Web Portal* listed on proposal.
- Billed in addition to current annual Profund fees

Profund Modules to be replaced, via Evergreen:
Accounts Payable
Budget Development
Cash Tracker
Data Interface
General Ledger
Grant Tracker
Human Resources
Purchase Order
Requisitions
State Reporting
System Manager
**Tyler System Management Services no longer required once hosted.*

Non-Evergreen/Additional School ERP Pro Modules - Additional/new School ERP Pro modules may be purchased.
- Optional (new) items, to consider, listed separately after main quote
- License, services, and annual fees apply

School ERP Pro Modules Included in Main Migration Proposal:
Core Accounting w/Purchase Card bundled- General Ledger - Budgeting, Check Manager, Bank Reconciliation, Revenue Accounting; Procurement & Payables; User Security & Administration
Employee Daily Time Entry - Allows employees to electronically submit their hours worked. Once the time is submitted, the request flows through district-defined approval process.
e-Shopping Interface - The eShopping interface allows you to populate purchase requisition detail from supported vendors with a web store; leveraging cXML technology, the point and click interface allows for your selected items to be directly brought into your requisition utilizing an online shopping cart transfer.
Grant/Project Tracking – Monitor grant project status and ensure compliance for an unlimited number of multi-year projects and/or grants.

Human Resources - Employee demographics, certificates, evaluations, contract printing, salary negotiations, and user-defined fields for sorting, selecting, and printing.
InfoLink - Provides a point-and-click interface to link tables for report writing.
iVisions Web Portal - Employee Self Service, Manager workflow access and electronic personnel action requests. Non-Evergreen; Required License
State Reporting - All electronic and hard copy reporting required for state retirements, other payroll & personnel requirements, fiscal budget & expenditures.
Timecard Systems Interface - Integration with 3rd party timecard system.
- Non-Evergreen.
Tyler Content Manager SE (Core Edition) - Full document scanning, imaging, indexing and archival.
Tyler Content Manager Onboarding - Automate new hire process, replace paper new hire packets, secure online form completion with digital signatures. Integrates with ePARS and Employee Maintenance. *Tyler Content Manager is a required/prerequisite to purchase the Onboarding Module*

Absence & Substitute Software and Services: Tyler's Absence & Substitute™ solution, powered by ReadySub, is a powerful substitute scheduling and absence management tool, built for the K-12 environment. Post jobs, fill them with qualified substitutes, and track employee absences all from an easy-to-use dashboard.
- To be implemented along with main migration project

Note:
Benefits Enrollment Module - Implementation to be begin AFTER the main Profund to School ERP Pro migration project is completed.

The Benefits piece is implemented after you are live with School ERP Pro and includes fixed fee services and a service package of hours. It is recommended to implement this a year after you have gone live with School ERP Pro, but that isn't a requirement. Timeframe to implement is 6 - 9 months before your open enrollment period. Timing also depends on when you go live with school ERP Pro in relation to when your open enrollment is.

The Benefits Web Portal provides an enrollment wizard: a customized set of webpages accessed from the same place as the Web Portal.
- The expected **School ERP Pro** Live Date: **July 1, 2026**
  - Benefits Enrollment Project Manager to schedule BE project
    - Date **tbd** by Project Manager; based on open enrollment dates; and migration go live.

Benefits Enrollment overview/breakdown of the charges on the quote:

License Fee - There is a cost for the license for the Benefits Module.
Annual Maint fee for license - There is the annual maintenance for BE like any other module, subject to up to 5% increase annually typically.
Fixed Fee for implementation services - There is a separate fee of $10,000 that is a fixed fee for services (not including Project Management time). We spend a lot of time (upwards of 300 hours) assisting your staff thru implementation of Benefits which would be a significant cost if we charged hourly, so we charge a flat fee of $10,000 onetime for the implementation. That fee is charged only after the employees have gone thru open enrollment and the client has posted to deductions.
Additional Annual Services Package – this is an additional annual fee they pay for which covers us working with your staff on the annual configuration and set-up of their Benefits Enrollment application. BE clients receive essentially enhanced support from our highly specialized team throughout the year at no additional charge beyond this package.

Professional Services - Conversion Fees, Implementation, Project Management and Software Installation:

Conversion Hours are used for the 3 stages of the conversion: Initial, Cutover to Live Production & legacy
- Conversion hours are billed as incurred in half hour and full hour increments only.
    - See Migration Overview Document

Implementation Hours are directly related to each module that you own, and are purchasing, and the amount of time it takes to train your staff on each piece. This includes mocking payroll prior to your cutover to live production.
- Implementation hours are billed as incurred in half hour and full hour increments only.

Project Management Hours - The role of the Project Manager, is to initiate all of the parts of the implementation through the cutover to live production: They will schedule the initial kickoff meeting, initiate the technical audit to the deployment of the software, create and manage the project schedule, assign the consultants and schedule/engage in regular status meetings; they will manage the project until all the pieces are complete and you have successfully made the transition to live production. Once the project is complete, they will hand you over to the School ERP Pro Support team.
- Project Management hours are billed as incurred in half hour and full hour increments only.

Software Installation - Installation/deployment fees billed as incurred

Profund Data Conversion:
This proposal includes the creation and conversion of 1 database(s)

*Note – Inactive (History-Only) Databases are not converted to School ERP Pro.

# of Employees: 2338

Expected Cutover to Live Production Date: July 1, 2026
Timeline from Contract-to-Cutover-to-Live-Production: 10+ months.
- Migrations are scheduled on a first-come-first-serve basis and require an executed contract
- We are currently scheduling into 2026 and 2027

Billing Details:

Expected Live Date: **July 1, 2026**

License Fees:
NEW Software items: License to be billed in adherence to contract - percentage Milestones:
25% due upon signing
60% on the date we make the applicable software available to you to download.
15% on the earlier of use of the Tyler Software in Live Production or 180 days after the available download date.

Services - Project Management, Software Installation, Implementation and Conversion Fees - All implementation and conversion fees shall be invoiced as delivered
- Unused time will not be billed
- Additional time, if needed, is billable

Support Fees:
Annual *Support* Fees for NEW School ERP Pro Software
To be billed upon School ERP Pro live date: **July 1, 2026**
- Term July 1 thru June 30
- Auto renew

Existing Annual Profund Support Fees:
*Note: Annual Profund support Fees to be billed as per current agreement - **July 1, 2025 through June 30, 2026***

Hosting Fees:

School ERP Pro Hosting

To be billed upon School ERP Pro live date: **July 1, 2026**

- Term July 1 thru June 30
- Auto renew

****

System Generated Notes:

Absence and Substitute Management Suite is a SaaS solution that also utilizes Twilio for notifications to substitutes and other staff. Relevant terms of use can be found here https://www.tylertech.com/terms/tyler-saas-services and here https://www.tylertech.com/terms/twilio-terms-of-use. Hosting includes up to 200GB of storage. Should additional storage be needed, it may be purchased at the current yearly storage rate in 200GB increments. Additional Users may be added at $575/ea annually plus $200/ea setup fee.

Content Manager (Core) - Full document scanning, imaging, indexing and archival.
Core Accounting - General Ledger - Budgeting, Check Manager, Purchase Card, Bank Reconciliation, Revenue Accounting; Procurement & Payables; Payroll; User Security & Administration; HR State Reporting, Tyler U

Grant Project Tracking - Provides multi-year tracking of grant/project revenues and expenditures.

Human Resources - Employee demographics, certificates, evaluations, contracts, salary negotiations, and user-defined fields.

InfoLink - Provides a point-and-click interface to link tables for report writing.

Shopping Interface - Provides an interface to web purchasing.
State Reporting - All electronic and hard copy reporting required for state retirements, other payroll & personnel requirements, fiscal budget & expenditures.

Timecard Interface - Integration with 3rd party timecard system.

Benefits Enrollment - Online enrollment for new hires and open enrollment.

Benefits Enrollment Service Package - Required comprehensive configuration and processing services. Benefits Enrollments Services are provided subject to these terms found at our website: https://www.tylertech.com/terms/annual-benefits-enrollment-services. The first annual fee for Annual Benefits Enrollment Services, for the one (1) year period commencing eighteen (18) months following the Effective Date, is due at the commencement of such period for new clients. The first annual term for clients adding the service to an existing agreement will commence on the effective date of the order. The service will automatically renew for subsequent one (1) year terms, at Tyler's then-current fee, unless either party provides notice of termination at least sixty (60) days in advance of the term renewal date. Fees for renewal terms are due at the commencement of the applicable renewal term.

tyler technologies

Quoted By: Michele Richardson
Quote Expiration: 8/25/25
Quote Name: Tyler's Time and Attendance Software - 8 Touchscreen 7 Proximity Readers

Sales Quotation For:
Waterford School District
15 Rope Ferry Rd
Waterford CT 06385-2806
Phone: +1 (860) 444-5849

Student Count:2,338 / Cost Center:6

Tyler Software

Description	License Total	Annual Maintenance
Time & Attendance		
Time & Attendance	$ 11,585	$ 2,317
TOTAL:	**$ 11,585**	**$ 2,317**

Services

Description	Quantity	Price	Extended Price	Maintenance
School ERP Pro				
Software Install Services	8	$ 145	$ 1,160	$ 0
Time & Attendance				
Time & Attendance Implementation	88	$ 145	$ 12,760	$ 0
Time & Attendance Installation Services	8	$ 145	$ 1,160	$ 0
Time & Attendance Project Management	32	$ 170	$ 5,440	$ 0

TOTAL:		**$ 20,520**	**$ 0**

3rd Party Hardware, Software and Services

Description	Quantity	Unit Price	Total Price	Maint.	Total Maint.
Time & Attendance					
Touchscreen 7 : Proximity Reader	8	$ 2,395	$ 19,160	$ 1,916	$ 1,916
	TOTAL:		**$ 19,160**		**$ 1,916**

Summary	**One Time Fees**	**Recurring Fees**
Total Tyler Software	$ 11,585	$ 2,317
Total Annual		$ 0
Total Tyler Services	$ 20,520	$ 0
Total Third Party Hardware, Software, Services	$ 19,160	$ 1,916
Summary Total	**$ 51,265**	**$ 2,317**
Contract Total	**$ 55,498**	

Comments

All services quoted herein are assumed to be delivered remote unless otherwise stated.

Preliminary proposal
Tyler's Time and Attendance Software
- 8 Touchscreen 7 Proximity Readers
  **Note ballpark - client has not indicated how many or what type of Time Clocks are needed.

Current Profund client considering migrating to School ERP Pro with expected live date of July 1, 2026.

Implementation and go-live of Time and Attendance to discussed and determined by Project Manager and client, after client is live with School ERP Pro

Client agrees that items in this sales quotation are, upon Client's signature or approval of same, hereby added to the existing agreement ("Agreement") between the parties and subject to its terms. Additionally, payment for said items, as applicable but subject to any listed assumptions herein, shall conform to the following terms, subject to payment terms in an agreement, amendment, or similar document in which this sales quotation is included:

- License fees for Tyler and third-party software are invoiced upon the earlier of (i) delivery of the license key or (ii) when Tyler makes such software available accessible.
- Fees for hardware are invoiced upon delivery.
- Fees for year one of hardware maintenance are invoiced upon delivery of the hardware.
- Annual Maintenance and Support fees are first payable when Tyler makes the software accessible to the Client, and SaaS fees, Hosting fees, and Subscription fees are first payable on the first day of the month following the date this quotation was signed (or if later, the commencement of the

agreement's initial term). Any such fees are prorated to align with the applicable term under the agreement, with renewals invoiced annually thereafter in accord with the agreement.

- Fees for services included in this sales quotation shall be invoiced as indicated below.
  - o Implementation and other professional services fees shall be invoiced as delivered.
  - o Client has six months to use the services. If Client does not use the services within six months, Tyler may remove the unused services or issue a new quote to provide services at then-current rates.
  - o Fixed-fee Business Process Consulting services shall be invoiced 50% upon delivery of the Best Practice Recommendations, by module, and 50% upon delivery of custom desktop procedures, by module.
  - o Fixed-fee conversions are invoiced 50% upon initial delivery of the converted data, by conversion option, and 50% upon Client acceptance to load the converted data into Live/Production environment, by conversion option. Where conversions are quoted as estimated, Tyler will invoice Client the actual services delivered on a time and materials basis.
  - o Except as otherwise provided, other fixed price services are invoiced upon complete delivery of the service. For the avoidance of doubt, where "Project Planning Services" are provided, payment shall be invoiced upon delivery of the Implementation Planning document. Dedicated Project Management services, if any, will be invoiced monthly in arrears, beginning on the first day of the month immediately following initiation of project planning.
  - o If Client has purchased any change management services, those services will be invoiced in accordance with the Agreement.
  - o Notwithstanding anything to the contrary stated above, the following payment terms shall apply to fees specifically for migrations: Tyler will invoice Client 50% of any Migration Services Fees listed above upon Client approval of the product suite migration schedule. The remaining 50%, by line item, will be billed upon the go-live of the applicable product suite. Tyler will invoice Client for any Project Management Fees listed above upon the go-live of the first product suite. Annual SaaS Fees will be invoiced upon availability of the hosted environment.

Any SaaS or hosted solutions added to an agreement containing Client-hosted Tyler solutions are subject to Tyler's SaaS Services terms found here: **https://www.tylertech.com/terms/tyler-saas-services**.

Unless otherwise indicated in the contract or amendment thereto, pricing for optional items will be held for six (6) months from the Quote date or the Effective Date of the Contract, whichever is later.

Customer Approval: _____ Date: _____

Print Name: _____ P.O.#: _____

tyler technologies

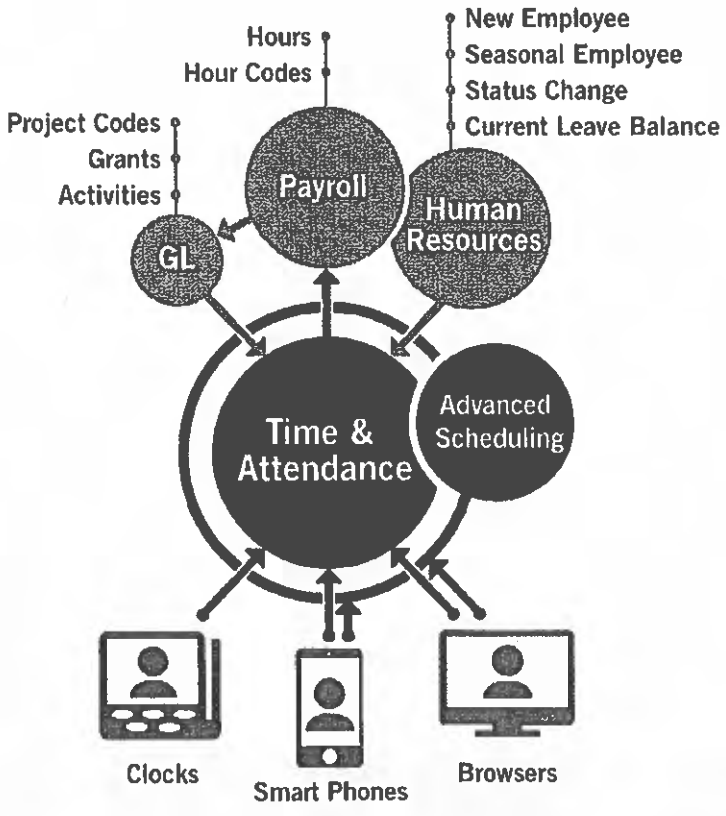
INTEGRATION

Time & Attendance and ERP Pro Integration

Labor costs are a big part of your budget, so you need an accurate reporting of your employee hours. Labor costs escalate through human error, manual processes and requests, and scheduling conflicts — but they don't have to.

Whether you're ready to eliminate paper timesheets or automate your scheduling practices, Time & Attendance, powered by ExecuTime, is an industry-leading solution that helps streamline your time, attendance, and advanced scheduling processes. You can now electronically capture, manage, and analyze all of your time cards and schedules, and seamlessly integrate that data in real time with your ERP Pro, powered by Incode®, enterprise resource planning (ERP) solution so there's no duplicate data entry and less chance for error. Time & Attendance handles all of your time and attendance and scheduling challenges with ease and precision while keeping track of your bottom line.

...continued on back



TIME & ATTENDANCE FUNCTIONS:

- Time sheet entry
- Time sheet approvals
- Time sheet processing
- Employee timekeeping security
- Time-off approval settings
- Time-off requests
- Time-off processing
- Time clocks
- Mobile access
- Basic scheduling
- Advanced scheduling for police and fire departments
- Move overtime to comp time
- Shift differentials

ERP PRO FUNCTIONS:

- Employee information
- Pay codes
- Employee pay
- Position codes
- Employee positions
- Location codes
- Employee locations
- Pay and overtime rate calculations
- Accrual balances
- Reporting capabilities

ERP-TA-ERPP-FO-13015-SE-1222

For more information visit tylertech.com

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ERP PRO AND TIME & ATTENDANCE INTEGRATION FEATURES

- Clock in and out from Time & Attendance while information is sent to ERP Pro by a user-initiated process.
- ERP Pro accruals and balances can be viewed in Time & Attendance.
- All payroll setup codes are established and maintained in ERP Pro; Time & Attendance displays these codes to guarantee all information accessed in Time & Attendance is current.
- The following data points are automatically updated in Time & Attendance as additions, edits, or deletions are made in ERP Pro:
  - Organizational units (departments)
  - Pay codes
  - Positions
  - Employee demographics
  - Leave balances
- Time & Attendance calculates overtime and comp hours that employees are eligible for based on FLSA rules.
- When timesheet information is sent to ERP Pro Payroll applies the various pay and overtime rates based on the hours and pay codes passed from Time & Attendance.
- Advanced Scheduling can be used for complex shift and scheduling needs.
- Workflow items can be approved in Time & Attendance.

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Time & Attendance

Time Clock Options & Pricing

Touch Screen Clocks 7"

No reader — employees manually key in identification on keypad	$2,095.00
Barcode device — reads barcode badge	$2,595.00
Mag device — reads mag stripe	$2,365.00
Proximity reader — reads proximity enabled badges/tags	$2,365.00
Biometric reader — reads employees fingerprints	$2,595.00
Biometric with either proximity, mag, or barcode reader	$2,895.00

Touch Screen Clocks 10"

No reader — employees manually key in identification on keypad	$2,355.00
Barcode device — reads barcode badge	$2,875.00
Mag device — reads mag stripe	$2,650.00
Proximity reader — reads proximity enabled badges/tags	$2,650.00
Biometric reader — reads employees fingerprints	$2,875.00
Biometric with either proximity, mag, or barcode reader	$3,175.00

All clocks are under a standard maintenance plan beginning when the clocks are shipped. This includes replacement of your current clock if it cannot be fixed through the standard helpdesk process. A clock will be shipped out the same day if the order is placed before noon Eastern Time. Otherwise, the clock will be shipped the following day.

Clock Features		
Functionality	**Touch Screen 7"**	**Touch Screen 10"**
Clock In/Out	Yes	Yes
Approve Time — Employee & Supervisor	Yes	Yes
View Accrual Balances	Yes	Yes
Keyboard (Pin Pad)	Yes	Yes
Request Time Off	Yes	Yes
Edit Hours (Project Codes, Positions, etc)	Yes	Yes
Two-Factor Authentication	Yes	Yes
Check In	Yes	Yes
Technical	**Touch Screen 7"**	**Touch Screen 10"**
POE+ (Powered Through Ethernet Port)	Included	Included
POE Splitter	See Above	See Above
POE Injector	Optional	Optional
Battery Backup	Included	Included
Wireless	Included	Included
Communication	HTTPS	HTTPS
VPN Needed?	No. Secure connection via wireless, if needed.	No. Secure connection via wireless, if needed.
Environmental	**Touch Screen 7"**	**Touch Screen 10"**
NEMA Enclosure (Clock fits inside for high traffic areas or outside in the elements)	Optional: $500	Optional: $500

ET-TAS-FLY-38825-0225

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Testing Your Badges

Testing your organization's existing badges or fobs ensures they are compatible with time clocks for Time and Attendance. Follow the instructions below and our team can begin compatibility testing.

- Send your sample badge and/or fob to the address below. If there are various types you plan on using with the clock, please send one sample of each.
- Fill in the information below and include with the package.
- Once received by our team, testing should be completed within 3 to 4 business days and you will be contacted by your account representative with your results.
- Your samples will be sent back within approximately two weeks.



PLEASE SEND TO:
Control Module, Inc.
Attn: Badge Test/Craig Normandin
89 Phoenix Ave. Enfield, CT 06082
Cnormandin@controlmod.com

Include the form below in your package:

Time Clock Badge Test

Organization Name: _____

Your Name: _____

Phone: _____

Email: _____

Return Address: _____

Tyler Technologies Representative: _____

How many samples are included in your package: _____

Empowering people who serve the public

tyler technologies

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TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME Quaker Hill Repavement of asphalt play area	**DEPARTMENT PRIORITY** 8

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This is the the repavement of the aspalt play area used by students during recess. The area is showing signs of heaving, with some potential trip hazards. The estimate of $35,000 was provided by public works based on the square footage of the area. Please note, this is not the rubber playground area, the expected year of replacement of that surface is 2027.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (Include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (If none, simply state that in the area below)**

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		35,000				
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	0	35,000	0	0	0	0

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME WHS - Turf Softball	**DEPARTMENT PRIORITY** 9

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The average life expectancy of a turf field is 10 years. Turf field has some advantages in that the fields are available for a higher volume of use and hypotehtically are available year round with signifiantly less maintenance and the added benefit of reduced impact injuries. The expected cost of this rehabilition is around $480,000 and would take place in roughly 8 years, we are asking that there be a yearly appropriation to fund this future effort.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, If applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
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7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		60,000	60,000	60,000	60,000	60,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**60,000**	**60,000**	**60,000**	**60,000**	**60,000**

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2026-2027 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Board of Education	**CONTACT PERSON** Joseph Mancini
PROJECT NAME WHS - Turf Main Field	**DEPARTMENT PRIORITY** 10

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The average life expectancy of a turf field is 10 years. Turf field has some advantages in that the fields are available for a higher volume of use and hypotehtically are available year round with signifiantly less maintenance and the added benefit of reduced impact injuries. The expected cost of this rehabilition is around $1,210,000 and would take place in roughly 11 years, we are asking that there be a yearly appropriation to fund this future effort.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		110,000	110,000	110,000	110,000	110,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**110,000**	**110,000**	**110,000**	**110,000**	**110,000**

TOTAL NO. OF 152

FLEET Asset ID	DO NOT REPL	Agency Name	Vehicle Assigned to:	Repl. Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf.	Model	Serial #	Number Vehicles to be Replaced Total Budget 2026
BOE1		Board of Ed	Maintenance (Kyle Stoddard)	10	PICK UP	2022	7/20/2022	$56,324	Ford	F-350	1FDRF3B63NEE25324	
BOE11 (old)		Board of Ed		10					KAWASAKI	MULE OFF ROAD UTILITY VEHICLE	JK1AFDA132B5077	
BOE12		Board of Ed		5	7-Passenger Mini-Van	2019	8/11/2019	$21,743	Dodge	Caravan 4-Wheel Drive Wagon	2C4RDGBGXKR664913	
BOE13		Board of Ed		5	7-Passenger Mini-Van	2017	1/10/2018		Dodge	Caravan 4-Wheel Drive Wagon	2C4RDGBG9HR694588	45,000.00
BOE13 (new)		Board of Ed		5	7-Passenger Mini-Van	2025	8/1/2025	$46,030	Chrysler Pacifica	Caravan 4-Wheel Drive Wagon	2C4RC3BG6SR563329	
BOE14		Board of Ed		5	7-Passenger Mini-Van	2019	2/26/2020	$21,394	Dodge	Grand Caravan	2C4RDGBG2KR782860	
BOE15		Board of Ed		5	7-Passenger Mini-Van	2020	9/21/2021	$28,501	Chrysler	Voyager Van	2C4RC1CGXLR150706	
BOE2		Board of Ed	Maintenance (Tom Thurlow)	10	EXPRESS VAN (BOX TRUCK)	2020	11/10/2020	$44,445	Chevrolet	Express Van	1HA6GVCGXLN009190	
BOE3		Board of Ed	Maintenance (Jon Tilinghast)	10	PICK UP	2013	11/4/2013	$46,104	GMC	Sierra K3500	1GD322CGXDF166536	
BOE4		Board of Ed	Maintenance (Bryan Swanson)	10	PICK UP	2012	11/30/2012	$42,293	Ford	F350	1FTRF3B66CEB84702	
BOE4 (new)		Board of Ed	Maintenance (Bryan Swanson)			2024	9/24/2024		Ford	F350 PICK-UP	1FTRF3BA1REC10734	
BOE5		Board of Ed	(Kevin VanCleave)	10	VAN	2011	1/20/2011	$18,425	Ford	E250 Van	1FTNE2EWXBDA45393	
BOE6		Board of Ed	Maintenance (Dan Santos)	10	PICK UP	2018	5/9/2018	$48,686	Chevrolet	SILVERADO 4WD CREW CAB	1GC0KYEGXJZ309213	
BOE7		Board of Ed	Maintenance (Steve Kowalski)	10	PICK UP	2015	12/31/2014	$44,396	Chevrolet	Silverado K350	1GC5KYCG5FZ508430	
BOE8		Board of Ed	Maintenance (Dan Morris)	15	MEDIUM DUTY DUMP	2012	12/20/2012	$32,798	Ford	F350 PICK-UP	1FDRF3H61CEB25642	
BOE8 (new)		Board of Ed	Maintenance (Jason Dargie	10	PICK UP	2024	9/24/2024		Ford	F350 PICK-UP	1FTRF3BA6REC95585	
BOE9		Board of Ed	Maintenance (Dan Kamercia)	10	PICK UP	2015	1/9/2015	$46,037	Chevrolet	Silverado K350	1GB0KYEG7FZ510434	

**Vehicles assigned to the WUC will be moved to Utility Commission Budget*

In replacement process
To be surplussed



2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date	COMMENTS	
					24,979.00			
								83,927.00
		46,500.00			90,126.00	3,725		90,126.00
					135,121.00	1,625	Still trying to register the replacement, this will be suplused	135,121.00
					-	-	New Vehicle, still to register	-
	46,500.00				116,878.00	875		116,878.00
			46,500.00		81,378.00	2,678		81,378.00
					19,354.00			11,851.00
89,000					107,000.00	1,295.82		87,537.00
					66,907.00	159.99	This was surplused	66,907.00
					9,897.00			
55,000.00					110,000.00	1,125.93	I don't think this one will be necessary, I think we can replace it with a dodge caravan from above	110,000.00
		91,000.00			54,015.00			54,015.00
	89,000.00				62,285.00	3,555.21		51,930.00
					82,509.00		This was surplused	82,509.00
					9,750.00			
	91,000.00				97,647.00			97,647.00

0 152

FLEET Asset ID	Repl. Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf.	Model	2026	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date
BOE1	10	PICK UP	2022	7/20/2022	$56,324	Ford	F-350							24,979.00	
BOE11 (old)	10					KAWASAKI	MULE OFF ROAD UTILITY VEHICLE								
BOE12	5	7-Passenger Mini-Van	2019	6/11/2019	$21,743	Dodge	Caravan 4-Wheel Drive Wagon				46,500.00			90,126.00	3,725
BOE13	5	7-Passenger Mini-Van	2017	1/10/2018		Dodge	Caravan 4-Wheel Drive Wagon	45,000.00						135,121.00	1,625
BOE13 (new)	5	7-Passenger Mini-Van	2025	8/1/2025	$46,030	Chrysler Pacifica	Caravan 4-Wheel Drive Wagon							-	-
BOE14	5	7-Passenger Mini-Van	2019	2/26/2020	$21,394	Dodge	Grand Caravan			46,500.00				116,878.00	875
BOE15	5	7-Passenger Mini-Van	2020	9/21/2021	$28,501	Chrysler	Voyager Van					46,500.00		81,378.00	2,678
BOE2	10	EXPRESS VAN (BOX TRUCK)	2020	11/10/2020	$44,445	Chevrolet	Express Van							19,354.00	
BOE3	10	PICK UP	2013	11/4/2013	$46,104	GMC	Sierra K3500		89,000					107,000.00	1,295.82

BOE4	10	PICK UP	2012	11/30/2012	$42,293	Ford	F350							66,907.00	159.99
BOE4 (new)			2024	9/24/2024		Ford	F350 PICK-UP							9,897.00	
BOE5	10	VAN	2011	1/20/2011	$18,425	Ford	E250 Van		55,000.00					110,000.00	1,125.93
BOE6	10	PICK UP	2018	5/9/2018	$48,686	Chevrolet	SILVERADO 4WD CREW CAB				91,000.00			54,015.00	
BOE7	10	PICK UP	2015	12/31/2014	$44,396	Chevrolet	Silverado K350			89,000.00				62,285.00	3,555.21
BOE8	15	MEDIUM DUTY DUMP	2012	12/20/2012	$32,798	Ford	F350 PICK-UP							62,509.00	
BOE8 (new)	10	PICK UP	2024	9/24/2024		Ford	F350 PICK-UP							9,750.00	
BOE9	10	PICK UP	2015	1/9/2015	$46,037	Chevrolet	Silverado K350			91,000.00				97,647.00	

PUBLIC WORKS
WATERFORD

To:	Robert Brule, First Selectman
From:	Gary Schneider, Director of Public Works
Cc:	Kimberly Allen, Finance Director
Date:	December 11, 2025
Re:	FY27 Fleet Submission

The Department is pleased to submit the FY27 Fleet Replacement request.

Garon VanOverloop, the Lead Fleet Mechanic has completed the specifications and pricing for vehicles identified in the RTM's approved Fleet Replacement Schedule for FY27. His detailed report is attached. In order to stay compliant with the approved schedule, the Department is submitting ten vehicles at a replacement cost of $2,257,259.

He is also recommending the purchase of a new piece of equipment, a Towable Attenuator (Crash trailer). I do support that request.

Along with his recommendation, I will provide the Fleet Committee a look at what the future holds. The Department's divisions need to evolve with new equipment. We need to modernize when replacing the current equipment. These are the Departments Five Year look ahead.

There are several tasks in the maintenance of our roads that need to be addressed differently. The Department has practices that have not changed over the last decade or two. The equipment uses brute force, the materials don't perform well and vegetation control methods are what the homeowner uses around their property.

Excavator: Backhoes, once the state of art for projects that required excavation were for years the backbone of any Highway Department. Backhoes need to be replaced with the mini excavator, now the unit of choice. The mini's have evolved into a unit with the power to dig and lift, worth it for projects on smaller, compact sites like roads and streets where a lane of traffic must be kept opened and for site work around buildings.

Mini Excavator

Applications:

- Public Works is responsible for maintaining over 3,200 catch basins and miles of storm drain piping, 428 outfalls and 34 retention basins. Work on these tasks are within the right of way or a slender easement. Having a unit that can swing 180 degrees allows the crews to set up a small work zone, creating a safer work area and a safer movement of traffic through the area.
- Removing damaged sidewalk sections could be done in a smaller work area if the dump truck was behind the mini excavator, not parallel to it in the roadway if a backhoe was used. Again, using a mini would create a smaller work zone resulting in a safer and more productive operation to minimize traffic and pedestrian impact.

Key Benefits of mini excavators

- Versatility: With a wide range of attachments, a single mini excavator can perform multiple tasks, from digging and trenching to snow removal.
- Lower operating costs: mini excavators are more fuel-efficient and less expensive to operate and maintain.
- Reduced disruption: Their smaller footprint, lighter weight, and quieter engines cause minimal disruption to traffic, surrounding infrastructure and residents.
- Maneuverability: The ability to work on crowded town roads and between existing structures makes them invaluable.
- Minimized ground damage: Lighter weight and rubber tracks mean they can operate on sensitive surfaces like lawns or paved roads with less risk of damage.
- Simplified transportation: Their compact size makes them easy and cost-effective to transport between job sites using smaller trailers.

Cost $98,000

Hot Box

A Hot Box is an insulated box that is placed in the bed of a large pickup or on a trailer and is used to keep the asphalt in workable temperatures. Currently, the asphalt is loaded into the bed of a dump truck at the plant in Franklin. The minute that is done, the asphalt starts cooling. There comes a point during the day when the asphalt cools to a point where it is just wasted.

Applications

- Pothole Repairs
- Trench settlements
- Settlements around manholes and catch basins

Key Benefits of Hot Box

- Improves repair quality by using hot, pliable asphalt. It leads to better adherence, increased durability, and more permanent repairs, as opposed to using cold patch asphalt, which is less durable and requires more frequent visits to the repair site to maintain the patch.
- Increases productivity as workers can shovel the material more easily from the lower height of a hot box compared to a dump truck, reducing physical strain and fatigue.
- Eliminating material waste and reducing the number of trips to the asphalt plant or fewer return trips to fix the same patch contribute to savings.

Cost $42,000

Under Guardrail Mower

There are several critical reasons to control vegetation under and around our 44 miles of guardrails, primarily focusing on safety, structural integrity, and drainage. Overgrown plants can pose risks to drivers and pedestrians and lead to poor water management on the roadway. Previous methods of control were the use glyphosates, which replaced most of the handwork. That option is not acceptable, leaving us with controlling by a mechanical means, either handheld brush cutters exposing the workers to traffic, poison ivy and wasp nests. Mechanical means (tractor and cutting head) are slowing being introduced into the market.

Key Benefits

- Maintains visibility: Keeping the area clear ensures that drivers can clearly see the guardrail itself, as well as signage, hazard markers, and wildlife that may be approaching the road. For pedestrians and cyclists, trimmed vegetation prevents them from being hidden from view and pushed out into the travel way.
- Tall vegetation can cast shadows on the pavement, which can lead to the formation of black ice in cold weather. Removing tall growth allows more sunlight to reach the road surface and warm it.
- Eliminates hiding spots: Clearing brush removes habitats for pests like rodents, ticks, and snakes that can pose a danger to maintenance crews.
- Allows for easier inspection and repair: A clear guardrail is easier for maintenance crews to inspect for damage. This allows for prompt repairs and ensures the guardrail remains in working condition.

(Cost unknown at this time)

The mini excavator and the hot box are currently available. The under guardrail mowers are in their infancy in development.

I have not included these items in the Department's request due to the extensive list of vehicle replacement.

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The mini excavator and the hot box are currently available. The under guardrail mowers are in their infancy in development.

I have not included these items in the Department's request due to the extensive list of vehicle replacement.

FIFTEEN ROPE FERRY ROAD WATERFORD, CT 06385-2886

INTER-OFFICE CORRESPONDENCE

DATE: 10/27/2025

TO: Gary Schneider, Director of Public Works

FROM: Garon VanOverloop, Lead Fleet Mechanic

RE: FY27 Fleet Replacement

The Public Works assets listed below are due for replacement in FY27, some being denied replacement in FY23, FY24, FY25 & FY26. It is imperative that the town continues to follow the approved fleet replacement plan, and/or all recommendations set forth from myself, in regards to whether an asset can be moved into an upcoming fiscal year for replacement.

The purchasing timeline of vehicles and equipment today has grown substantially. From when a budget proposal is submitted for approval, to when a purchase order is issued and delivery of the vehicle, the average lead time is 2 ½ to 3 years. A refuse truck has a replacement cycle of 7 years. By the time a replacement is delivered, the truck is 10+ yrs. old, well past the effective repair cost timeline. The purchasing timeline of a highway dump/plow truck also has a similar build timeframe as a refuse truck.

H10 is a 2006 2006 Chevrolet Silverado 2500HD VIN-1GBHK24DX6E251727 with 196,715 miles, Signs & Road Markings truck. This vehicle was acquired via surplus from the Utility Commission in April of 2020 as a do not replace unit. The intent and use was for a part time use vehicle, for the Traffic Control Technician. Since January 2023, the Traffic Control Technician's role and responsibilities with in the Town has increased substantially. Because of the increased duties, this vehicle is on the road all day every day. Because of the age, physical deterioration and frequent repairs, I am proposing that H10 to be replaced with a new vehicle and added to the Fleet Replacement Plan with a 12 year replacement cycle. Replacement $77,025

Hl2 is a 2003 FORD F450 ROAD SIDE MECHANICS TRUCK VIN-IFDXF46F63EBI7892 with 58,453mi, engine hours unavailable. The truck serves the needs of the maintenance shop for performing repairs to remote locations to include road side. Hl2 has always been garaged with minimal winter storm usage, resulting in less deteriorating than the other trucks in our fleet. We have been able to substitute its replacement for many years so that higher importance trucks could be replaced. Parts are

now becoming more and more difficult to locate for this truck, the corrosion to the frame and growing rot/deterioration of the utility body. Replacement $185,295

H15 is a 2015 INTERNATIONAL 4300 DUMP/PLOW TRUCK, VIN- 1HTMMAALXFH734288 with 49,805mi & 5302hrs. Due to the increasing age and deteriorating physical condition, this vehicle needs to remain on the current replacement schedule for FY27. $262,445

H25 is a 2018 FREIGHTLINER M2 with a chassis mounted regenerative air road sweeper/ storm drain vacuum. VIN- 1FVACXFC9JHJH1578. This unit has 28,584mi 4213hrs. H25 is a unit that is routinely on the road either sweeping the streets or cleaning out storm drains when needed. To include excavating earth material in order to make drainage & storm drain repairs. Replacement $451,759.66

H31 is a 2017 FREIGHTLINER 114 SD DUMP/PLOW TRUCK, VIN- 1FVAG3CY3HHJA1291 with 78,441mi & 7740hrs. I am recommending that this unit is moved to FY28 and S23 is moved from FY28 to FY27.

H37 is a 2014 INTERNATIONAL WORKSTAR 7400 DUMP/PLOW TRUCK, VIN- 1HTWDAAR0EH025218 with 48,237mi & 4309hrs. Due to the increasing age and deteriorating physical condition, this vehicle needs to remain on the current replacement schedule for FY27.Replacement $315,301.27

S22 is a 2019 PETERBILT 520, REFUSE TRUCK, VIN- 3BPDLJ0X5KF102586 Currently with 80,285mi, 10,205hrs. S22 follows the SEVEN year replacement plan with continued deterioration of its physical and mechanical condition. S22 is a daily use refuse vehicle. This vehicle was supposed to have been replaced in FY26. Replacement $385,830

S23 is a 2009 INTERNATIONAL WORKSTAR 7400 REFUSE TRUCK, VIN- 1HTWGAAT19J093030 with 49,685mi & 4455hrs. This unit performs many tasks such as refuse & recycling pickup, yard waste pickup and assisting the Police Department Detective Division in regards to case work. This truck was due for replacement in FY18 but moved to FY22. At time during the FY18 Fleet Replacement planning, this unit was is good working condition. At that time it was approaching 10 years of service and now it's approx. has 17 years of service. The body is rotting away and almost to the point of being unrepairable. Replacement $258,289.60

S24 is a 2009 INTERNATIONAL WORKSTAR 7400 REFUSE TRUCK, VIN- 1HTWGAAT39J093031 with 56,978mi & 4950hrs. S24 is a "sister truck" to S23 and performs the same tasks as S23. The condition also mirrors S23. Replacement $258,289.60

A10 is a 2011 FORD ESCAPE, midsize SUV, VIN- 1FMCU9C7XBKA75810 with approx. 36,715 miles. With the amount of rust and corrosion to the body and chassis

of this vehicle, it could easily be mistaken as a plow truck. This vehicle was passed over in FY26. Replacement $31,512.06

A3 is a 2011 FORD FUSION, VIN- 3FAHP0JGXBR129270 with 66,960. The overall condition of this car is less than adequate. The vehicle doesn't have a typical chassis frame, it had a sub-frame. This means the body and frame are one. The sub-frame is rotting away and eventually this unit will be taken out of service in the near future. Replacement $31,512.06

Proposing to add a towable Attenuator also known as a "crash truck." We see DOT use these devices on state roads throughout the State of Connecticut. While the Public Works Dept. doesn't work on state roads, the Town's Mechanics do in fact have to work on the side of state roads such as I395, I95, RT85 & RT32 making the necessary repairs to broke down vehicles. We constantly see news reports and dash cam footage of emergency vehicles on the interstate shoulders end up getting hit because vehicles approaching don't slow down and move over. It's a nerve-wracking situation to be in when our backs are facing approaching vehicles. This Attenuator could also serve as a second roadside safety measure to other departments such as Utilities & Police Dept. Purchase price $52,110.00

Garon VanOverloop
Lead Fleet Mechanic

Service History by Vehicle

Town of Waterford - Public Works

18 records

Report generated on 10/27/2025 3:26 PM by Garon VanOverloop

Filters

Vehicle: H10 Status: Active, In Shop

Labor Subtotal	Parts Subtotal	Line Item Subtotal
$3,242.79	$4,052.87	$7,295.66

Vehicle

H10

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
41567555	10/10/2025 8:15 AM	10/14/2025 10:15 AM	$215.39	$344.62	Preventative Maintenance	$80.26	$149.18
41567555	10/10/2025 8:15 AM	10/14/2025 10:15 AM	$215.39	$344.62	Fuel Leak	$126.37	$178.06
41567555	10/10/2025 8:15 AM	10/14/2025 10:15 AM	$215.39	$344.62	Exterior Bulb Replacement	$8.76	$17.38
40941725	09/11/2025 7:45 AM	09/11/2025 1:49 PM	$164.63	$302.47	Brake Inspection	$164.63	$302.47
40284830	09/03/2025 8:12 AM	09/03/2025 11:15 AM	$216.20	$285.12	Charging System Inspect	$188.96	$223.42
40284830	09/03/2025 8:12 AM	09/03/2025 11:15 AM	$216.20	$285.12	HVAC (Miscellaneous)	$27.24	$61.70
38936520	07/11/2025 12:30 PM	07/14/2025 11:51 AM	$77.20	$180.58	Fuel Leak	$36.15	$70.61
38936520	07/11/2025 12:30 PM	07/14/2025 11:51 AM	$77.20	$180.58	Preventative Maintenance	$41.05	$109.97
36186637	05/12/2025 2:00 PM	05/13/2025 10:00 AM	$27.19	$149.77	Exterior Bulb Replacement	$4.10	$44.96
36186637	05/12/2025 2:00 PM	05/13/2025 10:00 AM	$27.19	$149.77	door handle replacement	$23.09	$104.81
32359070	01/22/2025 10:16 AM	01/22/2025 2:22 PM	$206.64	$399.96	Preventative Maintenance	$143.14	$244.00
32359070	01/22/2025 10:16 AM	01/22/2025 2:22 PM	$206.64	$399.96	Fuel Leak	$63.50	$130.74
32359070	01/22/2025 10:16 AM	01/22/2025 2:22 PM	$206.64	$399.96	DIAG Check Engine Light		$25.22

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
29996911	10/01/2024 1:00 PM	10/08/2024 2:30 PM	$623.47	$1,277.23	Cooling System Leak Inspection	$623.47	$1,277.23
28930478	08/20/2024 7:30 AM	08/20/2024 8:00 AM	$0.01	$15.26	Headlamp Bulb Replacement	$0.01	$15.26
27695480	07/09/2024 10:00 AM	07/09/2024 1:08 PM	$84.84	$145.83	Exterior Bulb Replacement	$7.95	$23.20
27695480	07/09/2024 10:00 AM	07/09/2024 1:08 PM	$84.84	$145.83	HVAC System Inspect		$15.25
27695480	07/09/2024 10:00 AM	07/09/2024 1:08 PM	$84.84	$145.83	HVAC Blower Motor Replacement	$76.89	$107.38
27519241	07/02/2024 7:45 AM	07/02/2024 12:56 PM	$94.69	$190.75	Preventative Maintenance	$94.69	$190.75
24007458	02/08/2024 7:49 AM	02/08/2024 2:30 PM	$222.21	$347.13	Preventative Maintenance	$105.75	$168.21
24007458	02/08/2024 7:49 AM	02/08/2024 2:30 PM	$222.21	$347.13	Front Brake Pads & Rotor Replacement	$116.46	$178.92
21890482	12/13/2023 8:30 AM	12/15/2023 8:00 AM	$524.48	$696.25	EGR Cooler Replacement	$507.79	$663.94
21890482	12/13/2023 8:30 AM	12/15/2023 8:00 AM	$524.48	$696.25	Electrical System (Miscellaneous)	$16.69	$32.31
20108092	10/02/2023 1:50 PM	10/05/2023 10:00 AM	$973.39	$1,292.27	Preventative Maintenance	$133.91	$253.49
20108092	10/02/2023 1:50 PM	10/05/2023 10:00 AM	$973.39	$1,292.27	Tire Replacement	$558.04	$597.90
20108092	10/02/2023 1:50 PM	10/05/2023 10:00 AM	$973.39	$1,292.27	Steering Pitman Arm Replacement	$227.49	$307.21
20108092	10/02/2023 1:50 PM	10/05/2023 10:00 AM	$973.39	$1,292.27	Brake Line Replacement	$53.95	$133.67
18901060	07/27/2023	07/27/2023	$30.83	$38.64	No Service Task	$30.83	$30.83
18901060	07/27/2023	07/27/2023	$30.83	$38.64	HVAC Blower Motor Replacement		$7.81
18393643	06/30/2023 8:00 AM	06/30/2023 3:00 PM	$79.60	$234.80	Tire Rotation		$19.40
18393643	06/30/2023 8:00 AM	06/30/2023 3:00 PM	$79.60	$234.80	Fuel Filter Replacement		$19.40
18393643	06/30/2023 8:00 AM	06/30/2023 3:00 PM	$79.60	$234.80	Preventative Maintenance	$79.60	$176.60
18393643	06/30/2023 8:00 AM	06/30/2023 3:00 PM	$79.60	$234.80	Vehicle Multi-Point Inspection		$19.40
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Chassis Lubrication		
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Fuel Filter Replacement		
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Engine Oil & Filter Replacement		

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Preventative Maintenance	$111.71	$279.31
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Steering Pitman Arm Replacement	$226.07	$611.55
16754599	03/08/2023	03/13/2023	$337.78	$890.86	Vehicle Multi-Point Inspection		
16020964	02/09/2023 2:30 PM	02/09/2023 3:00 PM	$0.00	$19.40	Tire Repair Kit Sealant Inspect		$19.40
15187567	11/17/2022	11/18/2022	$174.32	$484.72	Alternator Test	$78.18	$155.78
15187567	11/17/2022	11/18/2022	$174.32	$484.72	Engine Coolant Thermostat Replacement	$96.14	$251.34
15187567	11/17/2022	11/18/2022	$174.32	$484.72	Diagnostics (Unspecified)		$77.60
					Total Amount	$4,052.87	$7,295.66

TOWN OF WATERFORD

VEHICLE REPAIR HISTORY REPORT

FACILITY: 00001

STARTING VMRS CODE: 000-000-000
ENDING VMRS CODE: 999-999-999

DATE: FIRST
DATE: LAST

VEHICLE: H10
VEHICLE: H10

METER: STANDARD — SUBTOTALS OF VMRS CODES FOR DIVISION > AL — PERIOD: LIFE

VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST		TOTAL COST	PERCENT	TOT COST / METER
002	CAB/SHEET METALS	1	8.00	163.76	219.44		383.20	1.79%	0.00244
013	BRAKES	2	19.00	631.00	155.55		786.55	3.68%	0.00502
017	TIRES,TUBES,LINERS	1	0.50	12.06	5.00		17.06	0.08%	0.00011
021	AXLE DRVN FRNT STEER	1	3.00	74.64	89.53		164.17	0.77%	0.00105
026	TRANSMISSION MANUAL	2	10.50	239.85	553.55		793.40	3.71%	0.00506
031	CHARGING SYSTEM	2	4.50	134.14	181.21		315.35	1.48%	0.00201
032	CRANKING SYSTEM	2	1.30	32.03	0.00		32.03	0.15%	0.00020
034	LIGHTING SYSTEM	1	3.00	87.99	15.37		103.36	0.48%	0.00066
051	GENERAL ACCESSORIES	3	2.00	50.08	33.37		83.45	0.39%	0.00053
066	PREVENTIVE MAINTENANCE	36	206.00	5683.56	4563.40		10246.96	47.97%	0.06537
099	ROAD CALL TRAVEL TIME	20	125.00	3020.88	5415.75		8436.61	39.49%	0.05382
	TOTALS:	71	382.80	10129.99	11232.17	TOT:	21362.16	100.00%	0.13628



H10

CNGP530 VEHICLE ORDER CONFIRMATION 10/23/25 07:30:09
--> Dealer: F11222
2026 F-SERIES SD Page: 1 of 1
Order No: 0000 Priority: M1 Ord FIN: QS048 Order Type: SB Price Level: 630
Ord PEP: 610A Cust/Flt Name: WATERRFORD PO Number:

		RETAIL	DLR INV			RETAIL	DLR INV
F38	F350 4X4SDR/CSR	$49770	$47281.00		FRT LICENSE BKT	NC	NC
	142" WHEELBASE			188	PLAT RUNNING BD	320	291.00
E9	~~ARGON BLUE~~ Grey/Grn395		360.00		10900# GVWR PKG		
A	VNYL 40/20/40			425	50 STATE EMISS	NC	NC
S	MED DARK SLATE			473	SNOW PLOW PREP	350	319.00
610A	PREF EQUIP PKG				JACK		
	.XL TRIM			67B	410 AMP ALTRNTR	215	195.00
572	.AIR CONDITIONER	NC	NC	86M	DUAL BATTERY	210	191.00
	.AMFM/MP3/CLK				CONNECT PKG 1YR		
64F	.STEEL WHLS-18"				SP FLT ACCT CR		(1411.00)
99A	.6.8L DEV V8 ENG	NC	NC		FUEL CHARGE		11.72
44F	10-SPD AUTOMATC	NC	NC		DEST AND DELIV	2595	2595.00
TCH	.LT275/65BSWAS18			TOTAL	BASE AND OPTIONS	53855	49832.72
X37	3.73 REG AXLE	NC	NC	TOTAL		53855	49832.72
	308 #1 BUILD			*THIS IS NOT AN INVOICE*			

F1=Help F2=Return to Order F3/F12=Veh Ord Menu
F4=Submit F5=Add to Library
QC00048

Budgetary 27' Truck 48,900.

Body 28,125.

77,025.

HARTFORD TRUCK EQUIPMENT
66 John Fitch Blvd. South Windsor, CT
860.882.8810 HartfordTruck.com
sales@hartfordtruck.com

QUOTATION

Quote: 102225-SB14
Ref: 26 F350 86" CA SRW
End User:
Date: 10/22/25

Tasca Ford - Waterford

We are pleased to quote on the following:
One (1) Reading Classic II service body 98ASW installed on suitable cab-chassis with 86" CA (cab to axle) measurement and *single rear wheels*, including-

- 98" long x 77.5" wide w/ 14.5" deep compartment, 46.5" x 66" cargo area
- A60 double sided galvanneal steel construction, electrically charged immersion primer
- Adjustable heavy-duty galvanized steel shelves with dividers
- Adjustable door strikers, Heavy duty tailgate with removable knee brace
- Rubber door seals, Hidden hinges, Nitrogen strut door holders, Stainless steel door paddles
- Flush mounted LED backup, turn, & brake lights, Factory undercoating
- Aluminum gas fill, free key replacement to original owner
- 6 year limited warranty, Lifetime warranty on cylinder locks

Paint Basecoat Clear Coat Color
Pooched steel bumper, Rear bumper zinc coated to prevent rust
Two (2) rear mud flaps
Back up camera - Mount camera and tie into OEM system
7 RV Style Trailer Socket
Whelen Four (4) Corner LED Amber/Green Emergency Lights – tied into switch in cab
Magnum Cab Protector w/ Lights Installed Behind Cab – Black
Rhino line interior of cargo area floor walls and tailgate
Pickup Bed & Bumper Trade In Credit
One (1) Fisher plow model # 8'6" XV2 w/ handheld controller, including:

- 8'6" long x 31"-38" h gh. 7'5" (full angled), 7'2" (scooped), 7'8" (full V)
- Blade approximately weighs 957 lbs.
- 14 gauge STAINLESS STEEL blade. Black powder coat finish on mounts
- Dual-halogen headlamps with park/turn signals
- "Security Guard" electronically locks the plows hydraulic functions
- 2 year parts and labor warranty

Installed Price: $ 28,125.00

Initial : _____ Vin:_____ Date:_____

Terms: Net Due ETA: TBD.
For additional terms and signature complete 2nd page

Respectfully Submitted: Sean Breslin Hartford Truck Equipment Inc.
REV: 4/1/2025

Service History by Vehicle

Town of Waterford - Public Works

5 records

Report generated on 10/27/2025 3:06 PM by Garon VanOverloop

Filters

Vehicle Groups: Public Works Vehicle: H12 Status: Active, In Shop

Labor Subtotal	Parts Subtotal	Line Item Subtotal
$804.42	$407.11	$1,211.53

Vehicle

H12

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
36202402	05/13/2025	05/13/2025	$35.39	$82.69	Electronic Solenoid Replacement	$35.39	$82.69
32782318	02/08/2025	02/08/2025	$151.37	$285.85	Exterior Lighting Inspect	$151.37	$285.85
30861651	11/12/2024	11/12/2024 2:39 PM	$205.77	$300.37	Front Brake Pads & Rotor Replacement	$205.77	$300.37
19837964	09/15/2023	09/19/2023	$14.58	$106.86	Diagnostics (Unspecified)	$14.58	$106.86
16006653	01/31/2023	02/02/2023	$0.00	$435.76	Welding & Fabrication		$435.76
					Total Amount	$407.11	$1,211.53

TOWN OF WATERFORD

DATE: 10/27/2025 03:15 p.m.

VEHICLE REPAIR HISTORY REPORT

FACILITY: 00001

STARTING VMRS CODE: 000-000-000 DATE: FIRST VEHICLE: H12
ENDING VMRS CODE: 999-999-999 DATE: LAST VEHICLE: H12

METER: STANDARD		SUBTOTALS OF VMRS CODES FOR DIVISION > AL				PERIOD: LIFE		
VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST	TOTAL COST	PERCENT	TOT COST / METER
013	BRAKES	1	10.00	238.00	401.51	639.51	5.18%	0.01186
018	WHEELS,RIMS,HUBS,BEARI	1	0.00	0.00	0.00	0.00	0.00%	0.00000
024	DRIVE SHAFT(S)	1	6.00	201.84	44.78	246.62	2.00%	0.00458
032	CRANKING SYSTEM	1	1.00	36.92	254.59	291.51	2.36%	0.00541
034	LIGHTING SYSTEM	1	0.80	29.08	85.29	114.37	0.93%	0.00212
053	EXPENDABLE ITEMS	1	2.00	40.94	142.44	183.38	1.49%	0.00340
066	PREVENTIVE MAINTENANCE	12	61.50	1584.87	1121.53	2706.40	21.93%	0.05021
071	BODY	1	25.00	793.75	50.00	843.75	6.84%	0.01565
099	ROAD CALL TRAVEL TIME	35	149.00	3718.14	3595.79	7313.93	59.27%	0.13568
	TOTALS:	54	255.30	6643.54	5695.93	TOT: 12339.47	100.00%	0.22891


V2
PW

```
CNGP530                        VEHICLE ORDER CONFIRMATION              09/18/25 10:33:55
==> _________ ____________________________________                        Dealer: F11222
                                2026 F-SERIES SD                          Page: 1 of 2
Order No: 0000     Priority: K1   Ord FIN: QS048  Order Type: SB Price Level: 630
Ord Code: 660A Cust/Flt Name: WATERFORD              PO Number:
                          RETAIL    OLR INV                                RETAIL    OLR INV
F5H   F550 4X4 CHAS/C $59795 $56805.00          18000# GVWR PKG
      169" WHEELBASE                        425   50 STATE EMISS            NC          NC
Z1    OXFORD WHITE                          43K   PRO POWER ONBRD          985      897.00
A     VNYL 40/20/40                         473   SNOW PLOW PREP           350      319.00
S     MED DARK SLATE                        512   SPARE TIRE/WHL2          350      319.00
660A  PREF EQUIP PKG                        61J   JACK                      NC          NC
      .XL TRIM                              65Z   AFT AXLE TANK             NC          NC
572   .AIR CONDITIONER          NC      NC  66M   DUAL BATTERY             210      191.00
      .AM/FM/MP3/CLK
99N   .7.3L DEV V8 ENG                      TOTAL BASE AND OPTIONS 66440  61356.00
44G   10-SPD AUTOMATC           NC      NC  TOTAL                        66440  61356.00
T6J   225 65W AP 19.5                       *THIS IS NOT AN INVOICE*
X8L   4.88 LTD SLIP            395  360.00
      FRT LICENSE BKT           NC      NC  * MORE ORDER INFO NEXT PAGE *
18B   PLAT RUNNING BD           320  291.00                    F8=Next
F1=Help                  F2=Return to Order                F3/F12=Veh Ord Menu
F4=Submit     F5=Add to Library
                                                                        QC06048
```

for 27'

Would use

$ 62,300.

Budget

```
CNGP530                    VEHICLE ORDER CONFIRMATION            09/18/25 10:34:38
==> _________ ____________________________________________                Dealer: F11222
                                2026 F-SERIES SD                          Page: 2 of 2
Order No: 0000     Priority: K1  Ord FIN: QS048  Order Type: SB Price Level: 630
Ord Code: 660A Cust/Flt Name: WATERFORD          PO Number:
                        RETAIL    DLR INV                          RETAIL    DLR INV
872   RR CAM & PREP K    $515    $468.00
      CONNECT PKG 1YR
945   SS WHEEL COVERS     500     455.00
96V   XL CHROME PKG       425     387.00
      .FOG LAMPS
      .REMOTE START
      SP FLT ACCT CR            (1737.00)
      FUEL CHARGE                 26.00
      DEST AND DELIV     2595    2595.00

TOTAL BASE AND OPTIONS 66440   61956.00
TOTAL                  66440   61956.00
*THIS IS NOT AN INVOICE*

                                                              F7=Prev
F1=Help                F2=Return to Order                  F3/F12=Veh Ord Menu
F4=Submit     F5=Add to Library
                                                                      QC06048
```

HARTFORD TRUCK EQUIPMENT
88 John Fitch Blvd. South Windsor, CT
860.290.9516 HartfordTruck.com
sales@hartfordtruck.com

QUOTATION

Quote: 090925-SB1
Ref: 26 F550 84" CA DRW
End User:
Date: 09/09/25

Town of Waterford – Garon

We are pleased to quote on the following
One (1) Reading Master Mechanic RM45 crane body including;
- Crane reinforcement curbside rear
- 60" high front roadside & curbside compartments
- 2nd curbside front, set up for O/A
- **(no compartment lighting in body with O/A set up)**
- Welder drawer in curbside first compartment
- Both front roadside compartments with 5-drawer storage unit
- 46" high rear curbside & roadside compartments
- Bolt bin in roadside horizontal compartment
- Master Locking slide bar system
- Four (4) exterior work lights
- Six (6) integrated tie-downs in cargo area
- Non-skid application in cargo area, top & back of compartments, tail skirt,
- 20" work bench bumper

Hydraulic outrigger
- Body is painted white
- 97db back up alarm, two (2) rear mud flaps, FMVSS lights & reflectors

Central Hydraulic Set Up
One (1) VanAir RS45 Compressor installed on top of C/S compartment
One (1) Liftmoore 6040DX WP crane including; **wireless control**, Hydraulic Crane
- boom rest, extra leaf springs, 6000lbs at 6', power rotation, elevation & extension to 16' (manual to 20')

One (1) Full size LED Amber lightbar mounted to the roof
- Tied to switch in cab

Four (4) Corner LED Amber Lights installed two in grill, two in rear of body
- Tied to switch in cab

One (1) **Fisher** plow model 9' **Heavy Contractor** w/ hand held controller, including:
- 9' long x 34" high. Blade approximately weighs 1,100 lbs.

Installed Municipal Budgetary Price: $ 122,995.00

Options:
Liftgate custom fit, remove tailgate and bumper *5,500.00*

Initial : _____ **Vin:** _____ **Date:** _____

**NOTE: Hartford Truck Equipment will accept dealer purchase orders for pool chassis without a plant date on a "subject to change" basis only. If the chassis does not have a plant date when the dealer PO is issued and our body/equipment manufacturer announces a price change that would affect the items on your PO, a revised PO will be required reflecting these price changes.

Terms: NET DUE ETA: TBD
for additional terms and signature complete 2nd page

Respectfully Submitted: Sean Breslin Hartford Truck Equipment Inc.
REV: F 3/28/2022

HARTFORD TRUCK EQUIPMENT
99 John Fitch Blvd. South Windsor, CT
860.290.8516 HartfordTruck.com
sales@hartfordtruck.com

QUOTATION

Quote: 090925-SB1
Ref: 26 F550 84" CA DRW
End User:
Date: 09/09/25

Terms: Deposit may be required. Balance due upon completion.
Delivery: Unless otherwise noted on this quotation, equipment is sold F.O.B. Hartford Truck Equipment
Validity: This quote is valid for 30 days (not withstanding manufacture price increase) and supersedes all previous quotes. Should a manufacturer announce a price change that would affect the items on your quote/PO, a revised quote/PO will be required reflecting these price changes.
Warranty: Hartford Truck Equipment offers a Limited Lifetime Warranty on the installation and workmanship of any product installed by Hartford Truck Equipment under normal use and service. Buyer agrees to take delivery under the product warranty of the manufacturer only, it is understood that Hartford Truck Equipment does not manufacture the equipment. Hartford Truck Equipment shall not be held liable for any damages whatsoever resulting from the use of defective equipment or for consequential damages of any kind. The Limited Lifetime Installation Warranty is not transferable and applies only to the original owner and original equipment. Service work and warranty work performed without prior authorization from Hartford Truck Equipment voids the Limited Lifetime Warranty and will not be reimbursed under any circumstances.

Additional Terms and Conditions:
Disclaimer: Buyer is aware that Hartford Truck Equipment's lead times are approximate and agrees to not hold HTE responsible for delays. Prices subject to change without notice.
Payments: We accept the following payment methods: Cash, American Express, Discover Card, MasterCard and Visa. We cannot accept personal checks. All business checks require current address, phone number, and a copy of driver's license
Deposits: Deposits are required on all special order/non-stock orders. All deposits are nonrefundable after 30 days (before 30 days a $50 processing fee will be deducted.) Deposits remain as store credit unless otherwise stated.
Financing: Financing is available through CIT and select products through Sheffield Financial. $100 finance charge will be applied.
Taxes: In addition to the quoted price, buyer agrees to pay Hartford Truck Equipment Inc., all applicable taxes in respect to sale, delivery, storage processing and consumption of the equipment covered by this quotation. If tax exempt, resale certificate is required.
Personal Property Policy: All customer owned items (plows, truck beds, pickup beds, etc.) must be picked up within 30 days of the invoice date to avoid storage fees. Hartford Truck Equipment is not responsible for any damage or theft of customer owned property. After 6 months, items left behind will be considered abandoned and become property of Hartford Truck Equipment. No exceptions.
Storage: Storage fees will begin accruing after 30 days at current posted storage rates
Suspension Modifications: Additional costs may apply, if the vehicle has any suspension modifications
Customer LED Lights: Dealer/ Customer to allow for their dealer service department to re-flash computer for LED lights if required.
Paint Matching: We cannot guarantee paint color match. Accurate color code information is essential for best results. Painting of service bodies tend to show manufacturing marks such as weld and grind marks which are inherent in the manufacturing process. Hartford Truck Equipment will not authorize any returns, discounts, or re-work, from concerns of blemishes, or top-coat finish.
Returns: No equipment shall be returned for credit without prior written permission and instructions by Hartford Truck Equipment.
Cancellation: It is understood that any order based on this quotation and accepted by the seller shall be a firm order inasmuch as Hartford Truck Equipment in turn must place firm orders for the equipment and or parts thereof. No cancellations may be made except on terms agreed to by Hartford Truck Equipment in writing.
Arbitration: Any controversy or claim arising out of or relating to this agreement or breach thereof, shall be settled by arbitration in accordance with the Commercial Arbitration Roles of the American Arbitration Association and judgment upon the reward rendered by the Arbitrator(s) may be entered in any court having jurisdiction thereof. If legal action is necessary to enforce the terms of this agreement, the prevailing party shall be entitled to reasonable attorney's fees incurred in any arbitration or court proceedings or attorney's fees incurred in the collection of a judgment of court of arbitration fees and costs and any other relief be entitled.
Entire Agreement: This quotation sets forth the entire terms and conditions applicable to the equipment described herein and may not be modified without Hartford Truck Equipment written consent. The terms and conditions of this quote shall prevail over those of any other writing concerning this equipment in case of any inconsistency between them.
Please sign below indication your intent to purchase the above equipment at the price and terms quoted. By signing you are authorizing Hartford Truck Equipment, Inc. to perform the work as specified in this quote. Proposed modification of materials to be supplied, terms of sale, or pricing are contingent upon acceptance by Hartford Truck Equipment.

Accepted: _____ Title: _____

Print: _____ Company: _____

Date: _____

****Please sign and return as confirmation of order****

Respectfully Submitted: Sean Breslin Hartford Truck Equipment Inc.
REV: F 3/28/2022

Service History by Vehicle

Town of Waterford - Public Works

20 records

Report generated on 10/27/2025 3:06 PM by Garon VanOverloop

Filters

Vehicle Groups: Public Works Vehicle: H15 Status: Active, In Shop

Labor Subtotal	Parts Subtotal	Line Item Subtotal
$1,610.86	$3,991.15	$5,602.01

Vehicle

H15

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
41640909	10/15/2025 11:14 AM	10/15/2025 2:50 PM	$36.52	$114.06	Winter Equipment Inspection	$36.52	$105.44
41640909	10/15/2025 11:14 AM	10/15/2025 2:50 PM	$36.52	$114.06	Body Decals		$8.62
40807865	09/22/2025 9:00 AM	09/23/2025 11:30 AM	$373.36	$442.28	Hydraulic hose replacement	$373.36	$442.28
39710401	08/15/2025 8:30 AM	08/15/2025 10:02 AM	$35.84	$78.92	Body & Frame (Miscellaneous)	$35.84	$78.92
39106055	07/29/2025 2:45 PM	07/30/2025 10:44 AM	$1,099.66	$1,263.35	Preventative Maintenance	$271.48	$409.32
39106055	07/29/2025 2:45 PM	07/30/2025 10:44 AM	$1,099.66	$1,263.35	Tire Replacement	$828.18	$854.03
37975411	06/27/2025 10:00 AM	06/27/2025 3:00 PM	$84.02	$201.69	A/C System Evacuate & Recharge	$32.54	$99.78
37975411	06/27/2025 10:00 AM	06/27/2025 3:00 PM	$84.02	$201.69	Engine Drive Belt Replacement	$51.48	$101.91
35588180	04/21/2025 2:15 PM	04/21/2025 2:42 PM	$7.49	$15.90	Headlamp Bulb Replacement	$7.49	$15.90
35072216	03/31/2025	03/31/2025	$263.98	$280.79	Tire Replacement	$263.98	$280.79
33244691	02/20/2025 7:51 AM	02/20/2025 8:43 AM	$0.00	$25.22	Body & Frame (Miscellaneous)		$25.22
32989220	02/14/2025 7:30 AM	02/14/2025 8:06 AM	$150.11	$166.92	Tire Replacement	$150.11	$166.92
32095555	01/10/2025 11:50 AM	01/10/2025 1:30 PM	$60.95	$94.57	Hydraulic hose replacement	$60.95	$94.57

Service Entry	Start Date	Completion Date	Parts	Total Cost	Service Task		Parts Subtotal	Line Item Subtotal
31527674	12/11/2024	12/12/2024	$240.06	$374.54	Winter Equipment Inspection		$240.06	$374.54
30745850	11/06/2024 11:46 AM	11/06/2024 1:51 PM	$0.00	$48.03	Winter Equipment Inspection			$48.03
29610412	09/17/2024 1:15 PM	09/19/2024 8:00 AM	$248.31	$344.37	Preventative Maintenance		$248.31	$344.37
23340788	02/14/2024 8:00 AM	02/14/2024 8:30 AM	$452.52	$488.07	Plow Blade Replacement		$452.52	$488.07
22534556	01/25/2024 2:00 PM	01/25/2024 3:20 PM	$6.73	$42.64	Electrical diagnostics		$6.73	$42.64
22101544	01/02/2024 2:00 PM	01/02/2024 2:18 PM	$8.78	$16.59	Headlamp Bulb Replacement		$8.78	$16.59
21573678	11/29/2023 9:00 AM	11/29/2023 9:15 AM	$8.78	$16.59	Headlamp Bulb Replacement		$8.78	$16.59
21447515	11/16/2023 11:30 AM	11/21/2023 9:02 AM	$712.31	$915.31	Brake Inspection		$418.07	$542.99
21447515	11/16/2023 11:30 AM	11/21/2023 9:02 AM	$712.31	$915.31	Undercoating		$9.35	$40.58
21447515	11/16/2023 11:30 AM	11/21/2023 9:02 AM	$712.31	$915.31	Winter Equipment Inspection			$46.85
21447515	11/16/2023 11:30 AM	11/21/2023 9:02 AM	$712.31	$915.31	Preventative Maintenance		$284.89	$284.89
16095298	02/07/2023	02/08/2023	$151.76	$470.20	Preventative Maintenance		$151.76	$470.20
15308368	12/05/2022 11:11 AM	12/05/2022 11:11 AM	$49.97	$201.97	Re-inspection		$49.97	$201.97
						Total Amount	$3,991.15	$5,602.01

TOWN OF WATERFORD

DATE: 10/27/2025 03:16 p.m.

VEHICLE REPAIR HISTORY REPORT

FACILITY: 00001

STARTING VMRS CODE: 000-000-000
ENDING VMRS CODE: 999-999-999

DATE: FIRST
DATE: LAST

VEHICLE:: H15
VEHICLE: H15

METER: STANDARD . SUBTOTALS OF VMRS CODES FOR DIVISION > AL PERIOD: LIFE

VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST		TOTAL COST	PERCENT	TOT COST / MILES
001	A/C, HEAT, VENTILATION	2	6.50	175.18	976.33		1151.51	3.19%	0.02898
002	CAB/SHEET METALS	4	9.00	267.16	267.88		535.04	1.48%	0.01347
013	BRAKES	5	34.00	1098.09	1596.33		2694.42	7.47%	0.06782
017	TIRES,TUBES,LINERS	3	3.00	87.99	1033.09		1121.08	3.11%	0.02822
018	WHEELS,RIMS,HUBS,BEARI	1	10.00	269.50	143.16		412.66	1.14%	0.01039
032	CRANKING SYSTEM	4	6.30	181.69	234.17		415.86	1.15%	0.01047
034	LIGHTING SYSTEM	8	30.80	1017.52	309.59		1327.11	3.68%	0.03340
042	COOLING SYSTEM	5	73.00	2600.53	492.31		3092.84	8.57%	0.07785
043	EXHAUST SYSTEM	1	1.00	34.39	31.43		65.82	0.18%	0.00166
044	FUEL SYSTEM	1	20.00	738.40	3176.94		3915.34	10.85%	0.09855
052	ELECTRICAL ACCESSRES	3	18.00	537.18	40.67		577.85	1.60%	0.01454
065	HYDRAULIC SYSTEMS	8	34.50	1205.07	577.87		1782.94	4.94%	0.04488
066	PREVENTIVE MAINTENANCE	11	91.00	2865.60	3398.95		6264.55	17.36%	0.15768
071	BODY	1	4.00	132.48	2.00		134.48	0.37%	0.00338
099	ROAD CALL TRAVEL TIME	52	259.50	8622.69	3971.07		12593.76	34.90%	0.31698
	TOTALS:	119	600.60	19833.47	16251.79	TOT:	36085.26	100.00%	0.90826



INTERNATIONAL

Contract # 032824-NVS

International Motors, LLC is pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #032824-NVS awarded formerly to Navistar, Inc now International Motors, LLC for new International truck(s). If you have any questions regarding enrollment in Sourcewell or detailed contract terms and conditions, please see your local International Dealer sales representative.

	PROPOSAL PREPARED FOR:	PROPOSAL PREPARED BY:
Sourcewell Member:		
Contact:		
Address:		
City/State/Zip:		
Phone:		
Email:		

Proposal Number	19168
Date	10/1/2025
Quantity of this Specification	
Single Sourcewell Transaction Total Volume	

Chassis				
New 2026 International MV607 Chassis			$	149,573.00
	Base Chassis List	$ 113,929.00		
	Options List	$ 35,644.00		
	Sourcewell Contract Discount	30.3%	$	(45,349.25)
	Volume Incentive		$	-
	Material Price Increases		$	-
	Net Sourcewell Chassis Price		$	104,223.75
Sourcewell Partner Body				
EVEREST MODEL SDSL10SS2430-H1 Combination Dump and Material			$	149,542.00
DUAL REAR LIGHTS $380 COMPLETE BODY GREASE MANIFOLD $1680			$	2,180.00
Handling Fee			$	-
Non-Sourcewell Dealer Supplied Body				
			$	-
			$	-
Handling Fee		5.00%	$	-
Additional Post Build Work				
			$	-
			$	-
			$	-
Handling Fee		5.00%	$	-
Service Contracts				
CUMMINS 60 MONTH/100,000 MILES PP1 AND AFTERTREATMENT			INC	
			$	-
			$	-
Additional Freight				
			$	-
			$	-
Additional Floorplan				
Fee Can Be Waived if paid on arrival to body builder			$	3,000.00
			$	-
Additional Fees & Taxes				
Federal Govt Policy-Tariff			$	3,500.00
			$	-
			$	-
Final Sourcewell Per Vehicle Price FOB			$	262,445.75
Final Sourcewell Total Vehicle(s) Price			$	262,445.75

Additional Sourcewell Qualified Content	
Silver Package Award	$1,200

Terms:

[redacted]

INTERNATIONAL

October 28, 2025

Prepared For:
TOWN OF WATERFORD
Garon VanOverloop
15 ROPE FERRY RD.
WATERFORD, CT 06385-
(860)444 - 5867
Reference ID: N/A

Presented By:
ALLEGIANCE TRUCKS
PETER VECCHIARELLI
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2026 MV607 SBA (MV607)

AXLE CONFIG:	4X2
APPLICATION:	Landscape Dump
MISSION:	Requested GVWR: 25500. Calc. GVWR: 25999. Calc. GCWR: 0 Calc. Start / Grade Ability: 57.65% / 2.48% @ 55 MPH Calc. Geared Speed: 83.4 MPH
DIMENSION:	Wheelbase: 165.00, CA: 97.90, Axle to Frame: 63.00
ENGINE, DIESEL:	(Cummins B6.7 300) EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 300 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	(Allison 3500 RDS) 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	(Meritor MFS-12-122A) I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	(Meritor MS-21-14X-3DCL) Single Reduction, 21,000-lb Capacity, Driver Controlled Locking Differential, 190 Wheel Ends Gear Ratio: 5.86
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive
SUSPENSION, REAR, SINGLE:	23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT:	Cab schematic 100WP Location 1: 5047, Green (Prem) Chassis schematic N/A

Description
Base Chassis, Model MV607 SBA with 165.00 Wheelbase, 97.90 CA, and 63.00 Axle to Frame.

TOW HOOK, FRONT (2) Frame Mounted

AXLE CONFIGURATION 4x2

Notes
: Pricing may change if axle configuration is changed.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.250" x 3.610" x 0.375" (260.4mm x 91.7mm x 9.5mm); 456.0" (11582mm) Maximum OAL

BUMPER, FRONT Swept Back, Steel, Painted Gray, Heavy Duty

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)

AXLE, FRONT NON-DRIVING (Meritor MFS-12-122A) I-Beam Type, 12,000-lb Capacity

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers

Includes
: SPRING PINS Rubber Bushings, Maintenance-Free

Notes
: In combinations where chassis component weights may cause a chassis lean, a spring is used in front left spring pack to offset this imbalance & provide a level chassis, within 3/8", with body installed.

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes
: BRAKE LINES Color and Size Coded Nylon
: DRAIN VALVE Twist-Type
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
: PARKING BRAKE VALVE For Truck
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

DRAIN VALVE (Berg) with Pull Chain, for Air Tank

AIR BRAKE ABS (Bendix AntiLock Brake System) 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control

AIR DRYER (Bendix AD-9SI) with Heater, Includes Safety Valve

BRAKE CHAMBERS, FRONT AXLE (Bendix) 20 Sqin

BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 Sqin Spring Brake

BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake

SLACK ADJUSTERS, FRONT (Haldex) Automatic

SLACK ADJUSTERS, REAR (Haldex) Automatic

AIR COMPRESSOR (Cummins) 18.7 CFM

AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports

AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Under Cab

AIR DRYER LOCATION Mounted Inside Engine Compartment, Right Side

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

Description

BRAKES, FRONT (Meritor 15X5 Q-PLUS CAST) Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 15" X 5", 13,200-lb Capacity

BRAKES, REAR (Meritor 16.5X7 Q-PLUS CAST) Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle

STEERING COLUMN Tilting

STEERING WHEEL 4-Spoke; 18" Dia., Black

STEERING GEAR (Sheppard M100) Power

DRIVELINE SYSTEM (Dana Spicer) SPL100, for 4x2/6x2

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Under Right Rail Back of Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger

TAIL PIPE (1) Turnback Type, Bright

MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

EXHAUST HEIGHT 10'

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes

: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics in Cab
: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
: STARTER SWITCH Electric, Key Operated
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
: TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
: WIRING, CHASSIS Color Coded and Continuously Numbered

CIGAR LIGHTER Includes Ash Cup

POWER SOURCE Cigar Type Receptacle without Plug and Cord

ALTERNATOR (Leece-Neville AVI160P2013) Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense

ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Combined Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake Accommodation Package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket

BODY BUILDER WIRING INSIDE CAB: Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn

BATTERY SYSTEM (Fleetrite) Maintenance-Free, (2) 12-Volt 1900CCA Total, Top Threaded Stud

SPEAKERS (2) 6.5" Dual Cone Mounted in Doors

ANTENNA Shark Fin, Roof Mounted

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input

BACK-UP ALARM Electric, 102 dBA

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

HORN, ELECTRIC (1) Trumpet Style

Description
STOP-LIGHT WIRING MODIFIED Stop-Lights Turned on When Engine Compression Brake, Exhaust Brake or Retarder is Activated

BATTERY BOX Steel, with Plastic Cover, 25" Wide, 2-3 Battery Capacity, Mounted Right Side Under Cab

JUMP START STUD 12V, Remote Mounted

Includes
: JUMP START STUD Mounted to Battery Box

WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

CLEARANCE/MARKER LIGHTS (5) (Truck Lite) Amber LED Lights, Flush Mounted on Cab or Sunshade

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn On if Windshield Wipers are Turned On

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

HEADLIGHT WARNING BUZZER Sounds When Head Light Switch is on and Ignition Switch is in "Off" Position

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

STARTING MOTOR (Mitsubishi Electric Automotive America 90P47) 12-Volt, with Soft-Start

HEADLIGHTS Halogen, with Daytime Running Lights

POWER SOURCE, ADDITIONAL Auxiliary Power Outlet (APO) with USB-A Port and USB-C Port, Located in the Instrument Panel

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

INSULATION, UNDER HOOD for Sound Abatement

INSULATION, SPLASH PANELS for Sound Abatement

GRILLE Stationary, Molded in Black

FENDER EXTENSIONS Painted

FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes

CHASSIS COATING Corrosion Resistant E-Coat Primer Coating for Single Frame Rails

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes
: PAINT SCHEMATIC ID LETTERS "WP"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PAINT CLASS Premium Color

CONNECTED PLATFORM Includes Connectivity Module and Five Year Data Plan

CUSTOMER IDENTITY for Sourcewell

PROMOTIONAL PACKAGE Government Silver Package

VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.

Notes
: CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA.

Description
SAFETY TRIANGLES

SPECIAL RATING, GVWR Limited to 25,999-lb GVWR

FIRE EXTINGUISHER 5 lb Class A B C

FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant, To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

Includes
: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door

VENDOR WARRANTY, ENGINE (Cummins) B6.7 Engine, 3-Year Unlimited Miles Standard Warranty

ENGINE, DIESEL (Cummins B6.7 300) EPA 2024, 300HP @ 2600 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 300 Peak HP (Max)

FAN DRIVE (Borg-Warner SA85) Viscous Type, Screw On

Includes
: FAN Nylon

AIR CLEANER Single Element, Fire Retardant Media

EMISSION, CALENDAR YEAR (Cummins B6.7) EPA, OBD and GHG Certified for Calendar Year 2026

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use

ENGINE CONTROL, REMOTE MOUNTED No Provision for Remote Mounted Engine Control

OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines

EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood

CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations

RADIATOR Aluminum, 3-Row, Down Flow, Front to Back System, 738 Sqin Louvered, with 477 Sqin Charge Air Cooler. Includes In-Tank Oil Cooler

CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC (Allison 3500 RDS) 6th Generation Controls, Wide Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

SHIFT CONTROL PARAMETERS (Allison) 3000 or 4000 Series Transmissions, Performance Programming

PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission

Description
AXLE, REAR, SINGLE (Meritor MS-21-14X-3DCL) Single Reduction, 21,000-lb Capacity, Driver Controlled Locking Differential, 190 Wheel Ends . Gear Ratio: 5.86

SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

SHOCK ABSORBERS, REAR (2)

AXLE, REAR, LUBE (EmGard FE-75W-90) Synthetic Oil; 30 thru 39.99 Pints

FUEL TANK STRAPS Bright Finish Stainless Steel

FUEL/WATER SEPARATOR (Racor 400 Series,) with Primer Pump, Includes Water-in-Fuel Sensor

LOCATION FUEL/WATER SEPARATOR Mounted Under Hood, Left Side, Above Front Axle

FUEL TANK Top Draw, Non-Polished Aluminum, D-Style, 16" Tank Depth, 40 US Gal (151L), Mounted Left Side, Under Cab

DEF TANK 7 US Gal (26L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

Includes
: CLEARANCE/MARKER LIGHTS (5) Flush Mounted

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

Includes
: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for
: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped)
: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure, Primary and Secondary (if Air Equipped)

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) Mounted in Instrument Panel

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

SEAT, DRIVER (National 2000 195) Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Seat Back Angle Adjust, Dual Shocks

SEAT, PASSENGER (National) Non Suspension, High Back with Integral Headrest, Vinyl, with Fixed Back, with Under Seat Storage

MIRROR, CONVEX, HOOD MOUNTED (2) Right and Left Sides, Breakaway, Bright, Heated

MIRRORS (2) C-Loop, Power Adjust, Heated, Turn Signals, LED Clearance Lights, Bright Heads and Arms, 7" x 14.5" Flat Glass, Includes 8" x 6" Convex Mirrors, for 102" Load Width

Notes
· Mirror Dimensions are Rounded to the Nearest 0.5"

CAB INTERIOR TRIM Classic, for Day Cab

Includes
· CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger
· DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted
: SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap

CAB REAR SUSPENSION Rubber Suspension, for Low Cab Height

WINDSHIELD Heated, Single Piece

Description

ARM REST, RIGHT, DRIVER SEAT

CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator

WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood

LOW WASHER FLUID INDICATOR

INSTRUMENT PANEL Flat Panel

ACCESS, CAB Aluminum, Self-Cleaning, Open and Serrated Design, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab, Extended Cab or Sleeper Cab

FLOOR, COATING LINE-X, Applied to Interior Cab Floor

WHEELS, FRONT (Accuride 29169) DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs

WHEELS, REAR (Accuride 29169) DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with .472" Thick Increased Capacity Disc and Steel Hubs

BDY INTG, REMOTE POWER MODULE Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs, Max 20 amp per Channel, Max 80 amp Total; Includes 1 Switch Pack with Latched Switches

BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module Input & 1 output)

BDY INTG, SWITCH MOMNTRY 3POS Rocker, Backlit, with "ON" Indicator Mounted on Dash, Latching Software, for 1; Auxiliary Load 20 amp. Maximum; Power Available Only in "Ignition" or "Accessory" Position, Output Also Controlled by a Customer Remote Mounted Switch (requires 1 Remote Power Module Input & 1 output)

BDY INTG, INDICATOR LIGHTS (2) 1 for Body Up, 1 for Gate Open, Includes Audible Alarm, Programmable Mode for Various Switch Actions. (Requires 2 Remote Power Module Inputs)

BDY INTG, DASH IND LT TRICOLOR (1) for Optional Usage Customer to Program

(4) TIRE, REAR 11R22.5 Load Range G HDR2+ (CONTINENTAL), 491 rev/mile, 75 MPH, Drive

(2) TIRE, FRONT 11R22.5 Load Range G AH37 (HANKOOK), 501 rev/mile, 75 MPH, All-Position

Cab schematic 100WP

Location 1: 5047, Green (Prem)

Chassis schematic N/A

Services Section:

WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A

SRV CONT, EXT CUMMINS ENG/AFTR To 60-Month/100,000 Miles (160,000 km), Extended Cummins B6.7 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)

Equip Spec. - Body Equip (see quote)

DUAL LIGHTS LED

BODY GREASE MANIFOLD

Navistar Surcharge

INTERNATIONAL

Financial Summary
2026 MV607 SBA (MV607)

October 28, 2025

(US DOLLAR)

Description		Price
Net Sales Price:		$262,446.00
Memo Item(s):		
Body/Allied Equipment	$151,722.00	
Note: Memo item(s) shown here are included in the above Net Sales Price		

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

At Allegiance Trucks, we are committed to providing high-quality products and services at competitive prices. However, due to ongoing fluctuations in tariffs, supply chain costs, and manufacturer surcharges, new equipment prices may be subject to change. Any applicable surcharges, tariffs, or price increases will be the responsibility of the customer and reflected in final invoicing. While we strive to minimize the impact of these external factors, we encourage customers to stay informed and plan accordingly.

Approved by Seller:

Official Title and Date

Authorized Signature

ALLEGIANCE TRUCKS
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

If you haven't added a planned maintenance service contract to your proposal yet, please get in touch with your local dealer, International or IC Bus Sales Representative to learn more about the benefits when ordering together with the vehicle.

International® Financial offers loans, a full line up of lease options, and can establish a line of credit for use towards the purchase of International and IC Bus vehicles. Ask your dealer, International® or IC Bus® Sales Representative about completing an International Financial credit application and any promotional offers that may be available. International Financial services are provided by Navistar Financial Corporation.

The TOPS FET Calculation is an estimate for reference purposes only. The seller is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described here in are International Motors, LLC' standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.

EQUIPMENT SPECIALISTS
180 Roberts Street, East Hartford CT 06108 Tel: (860) 296-7000 • www.ES-CT.com

NUTMEG IH
ATTN: Marc Palumbo

September 30, 2025

EVEREST SS EQUIPMENT PKG

REF: WATERFORD

CHASSIS REQUIREMENTS

- Chassis MUST HAVE Clear Frame Rail Behind Cab (as much as Possible) for Valve and Tank Mounting. Relocating of Components Interfering in Installation will be Billed at Shop Rate of $193.00 per Hour

- Chassis Must Have factory option switches, 6-Minimum preferred, in working order when chassis is delivered
- Minimum 25,000 GVW Six (6) Wheel Cab & Chassis
- 96" – 98" CA measurement
- Allison 3000 or Higher Transmission
- Three (3) indicator lights for body up, gate open and low oil, in working order when chassis delivered
- Snow Plow Prep Package for Plow Lights, in working order when chassis delivered
- Electric to Rear
- Electric Trailer Brake Prep Package in cab, taped to dash and in working order when chassis delivered
- Ground speed output from transmission for electronic sander control, in working order when chassis delivered
- PTO switch in dash and wired to right side of transmission for Chelsea electric shift PTO, in working order when chassis delivered
- All Wires Must be Tagged for Use

ADDITIONAL CHARGES WILL APPLY FOR ITEMS NOT SUPPLIED ON CHASSIS

Acknowledged_____ Date_____

Equipment Package to include the following:

Body:

ALL SEASON BODY:

- EVEREST MODEL SDSL10SS2430-H1 Combination Dump Body And Material Spreader
- 10' Length. Outside Width: 99"
- Body Is Constructed of 304# STAINLESS STEEL Steel Throughout,
- Body Side Height – 24"

- Tailgate Height – 30"
- 12 Gauge STAINLESS STEEL Sides Are Supported By Front And Rear Corner Posts With Additional Vertical Side Supports.
- 12 Gauge STAINLESS STEEL Formed Body Top Rail With Sideboard Pockets
- 12 Gauge STAINLESS STEEL Body Sides Are Dirt Shedder Design
- 3/16" HARDOX 450 205,000 PSI FLOOR
- 12 Gauge STAINLESS STEEL ½ Cab Shield
- 10 Gauge STAINLESS STEEL TAILGATE
- STAINLESS STEEL COAL DOOR ON EXTREME LEFT
- Bolt-on SS Apron
- AIR Tailgate Latching Mechanism.
- Conveyor System For Ice And Snow Control Is Constructed Of 7 Gauge Type 304 Stainless Steel
- Conveyor System Shall Be Bolted In and Removable
- Front Mounted Spinner Assembly With POLY Chute
- 18" Diameter Poly Spinner.
- Spinner Deflector
- SA 4" Main Dump Hoist with 90" Stroke
- Conveyor Drive Through 10:1 Gear Box With Hydraulic Motor.
- Side Tip Cylinders Are 2-1/2" X 16" Double-Acting.
- Two (2) Bolt-on Side Dump Hinges with 1-1/4" STAINLESS STEEL Rods
- 10" Subframe Longsills ¼" SS Formed Plate
- Body Up Light Indicator For Cab. Dump Hoist Safety Prop. Side Tip Safety Prop.
- Conspicuity & Safety Tape
- Complete Body Grease Manifold
- Full Length Flap To Protect Brake Chambers
- Front & Rear Mud Flaps
- Center Flap to Protect Brake Components
- Additional Flap to Protect Def Tank
- All Mud Flap Brackets to Be Stainless Steel
- Reflective Tape & Safety Stickers

PLOW FRAME:

- Plow Frame With 4" X 10" Da Lift Cylinder And Multiple Push Point
- 5/8" Cheek Plates
- TWO (2) Shovel/broom Holders (round) On PLOW FRAME- (for long handle)
- Plow relief Circuit on Plow Frame

PLOW:

- EVEREST RM120TML36SH Full Trip Plow
- 10 Gauge Breakformed Moldboard
- 3.5" X 12" Reversing Cylinders with Cushion Relief
- Six (6) 3/8" Ribs
- HD Swivel Bar at 30.5" Ctrs
- Chain Lift
- Cutting Edge
- Rubber Flap

- Jack Stand

HYDRAULIC SYSTEM:

- 37 Gallon Hydraulic Reservoir With Sight/Temp Gauge
- Hydraulic Filter With Indicator
- Low Oil Alert Light
- 2" Ball Valve Shut-Offs
- Suction Line Strainer
- 75cc Variable Displacement Pump
- Hot-Shift Wet-Spline PTO Via Allison 3000 Series & Chassis-Supplied Switch
- Force America FIVE (5) Bank ADD-A-FOLD 4020 Load Sense Valve System
- Force America Patrol Commander Controls For Body, Load Cover, Plow, & Wing Functions, Mounted On Custom Reinforced Tower
- Stainless Steel Valve Enclosure
- Force America 6100 Spreader Control
- Stainless Steel Hydraulic Manifold & ½" Stainless Steel Piping Throughout Utilizing Short Lengths Of Hose & Swivel Fittings

Electrical:

- Body LED ICC Lighting
- LED Spinner Light With In Cab Switch
- LED Load Light With In Cab Switch
- ECCO Heated LED Plow Lights Mounted On Stainless Steel Brackets Utilizing Chassis Plow Light Circuitry
- WHELEN NEL5 System FOUR (4) GREEN/AMBER Strobes with Two Front and One Each Side of Cabshield
- Three (3) light rear cluster in Rear Corner Posts. STROBE; S/T/T/; REV
- TWO (2) CAMERAS
- Precise Temp System
- Allied Lighting To Be Tied Into Factory Aux Switches
- PTO To Be Switch To Be Chassis-Supplied

Load Cover & Pintle Assembly:

- ALC Hydraulic Load Cover
- ¾" Rear Plate With 20 Ton Pintle, Gladhands, And 7 Way Rv Electrical Plug
- Electric Brake Controller

Miscellaneous:

- Poly Fenders
- BAWER 24" x 18" x 18" SS Toolbox
- Body NATURAL SS
- Black Enamel Applied To Plow Frame, Pintle Assy, & Body Understructure
- ARMOURSEAL BODY AND CHASSIS (UNDER)
- Complete Package Installed & Operational On Chassis With Front Frame Extension And 96-98" CA

FOB: E. HARTFORD, CT..... $ 149,542.00

OPTIONS:

A. DUAL LED REAR LIGHTS..... $ 580.00
B. COMPLETE BODY GREASE MANIFOLD..... $ 1600.00

QUOTE VALID: 30 DAYS

Respectfully Submitted,

Glenn Slade
Sales Consultant
Equipment Specialists

Service History by Vehicle

Town of Waterford - Public Works

27 records

Report generated on 10/27/2025 3:07 PM by Garon VanOverloop

Filters

Vehicle Groups: Public Works Vehicle: H25, H25 Aux Status: Active, In Shop

Labor Subtotal	Parts Subtotal	Line Item Subtotal
$3,339.98	$10,591.37	$13,931.35

Vehicle

H25

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
36945739	06/10/2025 11:04 AM	06/10/2025 12:54 PM	$233.90	$267.52	Battery Replacement	$233.90	$267.52
35463236	04/15/2025	04/15/2025	$70.00	$103.62	Broom replacement	$70.00	$103.62
28425504	07/29/2024	07/31/2024 10:23 AM	$12.06	$12.06	A/C Diagnostics	$12.06	$12.06
27676739	07/09/2024 8:00 AM	07/09/2024 8:34 AM	$12.06	$28.07	Cabin Air Filter Replacement	$12.06	$28.07
27493907	07/01/2024 8:30 AM	07/01/2024 11:24 AM	$346.06	$426.11	Hydraulic hose replacement	$346.06	$426.11
25725358	04/08/2024 9:45 AM	04/08/2024 10:01 AM	$0.00	$7.81	Body (Miscellaneous)		$7.81
25424936	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$1,466.12	$1,700.35	Preventative Maintenance	$621.52	$746.44
25424936	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$1,466.12	$1,700.35	Tire Replacement	$844.60	$860.22
25424936	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$1,466.12	$1,700.35	Engine Diagnosis		$93.69
22216825	01/10/2024 10:15 AM	01/10/2024 10:41 AM	$40.00	$47.81	Broom replacement	$40.00	$47.81
18789704	07/10/2023	07/10/2023	$321.60	$446.52	Preventative Maintenance	$321.60	$446.52
17333033	04/25/2023 10:03 AM	04/27/2023 10:03 AM	$26.08	$70.99	No Service Task	$26.08	$70.99
17333033	04/25/2023 10:03 AM	04/27/2023 10:03 AM	$26.08	$70.99	boom switch		

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task		Parts Subtotal	Line Item Subtotal
16007120	02/07/2023 7:30 AM	02/08/2023 2:27 PM	$0.00	$620.80	No Service Task			$620.80
15416068	12/15/2022 10:30 AM	12/15/2022 12:00 PM	$201.10	$239.90	No Service Task			$38.80
15416068	12/15/2022 10:30 AM	12/15/2022 12:00 PM	$201.10	$239.90	Battery Replacement		$201.10	$201.10
15204403	11/04/2022	11/04/2022	$125.00	$155.40	Broom replacement		$125.00	$155.40
						Total Amount	$2,853.98	$4,126.96

Vehicle
H2SAUX

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
40431217	09/09/2025 11:41 AM	09/09/2025 3:13 PM	$425.31	$511.46	Body (Miscellaneous)	$425.31	$511.46
37870514	06/25/2025 3:00 PM	06/25/2025 3:30 PM	$35.00	$51.81	Broom replacement	$35.00	$51.81
36196749	05/12/2025	05/13/2025	$192.21	$570.61	Electrical System (Miscellaneous)	$192.21	$570.61
36108531	05/09/2025	05/09/2025 10:54 AM	$37.49	$84.79	boom switch	$37.49	$84.79
35940421		05/02/2025	$28.37	$519.00	Diagnostics (Unspecified)	$28.37	$519.00
35183484	03/31/2025	03/31/2025	$200.00	$200.00	Broom replacement	$200.00	$200.00
34311682	03/13/2025	03/13/2025	$200.00	$211.83	Broom replacement	$200.00	$211.83
29349478	09/04/2024	09/06/2024	$1,294.42	$1,389.02	Water Valve or Manifold	$1,294.42	$1,389.02
29036622	08/22/2024 8:00 AM	08/26/2024 9:56 AM	$570.84	$634.88	Body (Miscellaneous)	$570.84	$634.88
28425481	07/29/2024	07/31/2024 10:22 AM	$400.00	$447.30	Broom replacement	$400.00	$447.30
26659386	05/21/2024 1:30 PM	05/24/2024 2:00 PM	$890.15	$1,143.04	Belt Tensioner Pulley Inspect	$279.98	$324.61
26659386	05/21/2024 1:30 PM	05/24/2024 2:00 PM	$890.15	$1,143.04	Water Pump Replacement	$406.12	$540.00
26659386	05/21/2024 1:30 PM	05/24/2024 2:00 PM	$890.15	$1,143.04	Engine Coolant Thermostat Replacement	$94.18	$138.81
26659386	05/21/2024 1:30 PM	05/24/2024 2:00 PM	$890.15	$1,143.04	Engine Coolant Drain & Refill	$109.87	$139.62

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task		Parts Subtotal	Line Item Subtotal
25691127	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$3,233.80	$3,733.48	Engine Oil & Filter Replacement		$224.23	$255.46
25691127	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$3,233.80	$3,733.48	Electrical System (Miscellaneous)		$1,076.41	$1,201.33
25691127	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$3,233.80	$3,733.48	Hydraulic hose replacement		$135.12	$197.58
25691127	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$3,233.80	$3,733.48	Diagnose Hydraulics		$1,074.06	$1,167.75
25691127	02/09/2024 3:28 PM	03/15/2024 2:30 PM	$3,233.80	$3,733.48	Body (Miscellaneous)		$723.98	$911.36
19440575	08/28/2023 9:00 AM	08/28/2023 11:30 AM	$0.00	$46.14	Switch bank replacement			$46.14
19529926	07/12/2023	07/18/2023	$229.80	$261.03	No Service Task		$59.85	$59.85
19529926	07/12/2023	07/18/2023	$229.80	$261.03	Engine Oil & Filter Replacement		$169.95	$201.18
						Total Amount	$7,737.39	$9,804.39

TOWN OF WATERFORD

VEHICLE REPAIR HISTORY REPORT

FACILITY: 00001

DATE: 10/27/2025 03:17 p.m.

STARTING VMRS CODE: 000-000-000
ENDING VMRS CODE: 999-999-999

DATE: FIRST
DATE: LAST

VEHICLE:: H25
VEHICLE: H25

METER: STANDARD		SUBTOTALS OF VMRS CODES FOR DIVISION > AL				PERIOD: LIFE		
VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST		TOTAL COST	PERCENT	TOT COST / METER
013	BRAKES	2	1.00	33.95	0.00		33.95	0.13%	0.00033
017	TIRES,TUBES,LINERS	2	2.00	75.52	785.48		861.00	3.26%	0.00842
034	LIGHTING SYSTEM	2	11.00	398.53	30.07		428.60	1.62%	0.00419
044	FUEL SYSTEM	1	3.00	108.33	42.59		150.92	0.57%	0.00148
053	EXPENDABLE ITEMS	21	23.25	742.73	3334.95		4077.68	15.45%	0.03988
065	HYDRAULIC SYSTEMS	5	34.00	1182.46	336.25		1518.71	5.76%	0.01485
066	PREVENTIVE MAINTENANCE	7	61.50	1916.87	676.79		2593.66	9.83%	0.02537
099	ROAD CALL TRAVEL TIME	43	224.00	7639.22	8795.67		16434.89	62.29%	0.16074
150	ROAD TEST	1	9.00	287.07	0.00		287.07	1.09%	0.00281
	TOTALS:	84	368.75	12384.68	14001.80	TOT:	26386.48	100.00%	0.25806


PW

TOWN OF WATERFORD

DATE. 10/27/2025 03:17 p.m

VEHICLE REPAIR HISTORY REPORT

FACILITY: 00001

STARTING VMRS CODE: 000-000-000
ENDING VMRS CODE: 999-999-999

DATE: FIRST
DATE: LAST

VEHICLE:: H25AUX
VEHICLE: H25AUX

METER: STANDARD		SUBTOTALS OF VMRS CODES FOR DIVISION > AL					PERIOD: LIFE		
VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST		TOTAL COST	PERCENT	TOT COST / METER
099	ROAD CALL TRAVEL TIME	2	0.00	0.00	120.92		120.92	100.00%	0.07731
	TOTALS:	2	0.00	0.00	120.92	TOT:	120.92	100.00%	0.07731

INTERNATIONAL

International Motors, LLC is pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #032824-NVS awarded formerly to Navistar, Inc now International Motors, LLC for new International truck(s). If you have any questions regarding enrollment in Sourcewell or detailed contract terms and conditions, please see your local International Dealer sales representative.

	PROPOSAL PREPARED FOR:	PROPOSAL PREPARED BY:
Sourcewell Member:	Town of Waterford	Allegiance Trucks
Contact:	Caron VanOverloop	Peter Vecchitarelli
Address:	15 Rope Ferry Rd.	
City/State/Zip:	Waterford, CT 06385	
Phone:		
Email:		

Proposal Number	19170
Date	10/16/2025
Quantity of this Specification	
Single Sourcewell Transaction Total Volume	

Chassis			
New 2026 International MV607 Chassis			$ 143,554.00
Base Chassis List	$ 113,929.00		
Options List	$ 29,625.00		
Sourcewell Contract Discount		30.3%	$ (43,524.34)
Volume Incentive			$ -
Material Price Increases			$ -
Net Sourcewell Chassis Price			$ 100,029.66
Sourcewell Partner Body			
Schwarze A9 Monsoon Sweeper from Environmental Equipment			$ 320,700.00
Fontaine Dual Drive			$ 15,675.00
Handling Fee			$ -
Non-Sourcewell Dealer Supplied Body			
			$ -
			$ -
Handling Fee		5.00%	$ -
Additional Post Build Work			
			$ -
			$ -
			$ -
Handling Fee		5.00%	$ -
Service Contracts			
CUMMINS ENGINE and AFTER TREATMENT 60Mos/300K miles			$ 3,380.00
Extended Vehicle Coverage 60Mos/100K Miles does not include			$ -
			$ -
Additional Freight			
Freight for Schwartz			$ 4,250.00
Freight for Fontaine			$ 1,325.00
Additional Floorplan			
Deduct $2,200 if unit is paid for when it arrives at Dealer			$ 3,600.00
			$ -
Additional Fees & Taxes			
Federal Govt Policy-Tariff			$ 3,000.00
			$ -
			$ -
Final Sourcewell Per Vehicle Price FOB			$ 451,759.66
Final Sourcewell Total Vehicle(s) Price			$ 451,759.66

Terms:

Stock unit in dealer's inventory, dealer will accept a final purchase order using the current Sourcewell pricing quoted above.

Dealer placing a new orders for the Sourcewell Member, the purchase order cannot be firmed up until the unit is slotted to build with a firm build date or lineset.
Once a firm build date has been established, dealer will provide the Sourcewell Member approved pricing and a final purchase order can be accepted with firm pricing.
Dealer cannot guarantee bodies and/or equipment pricing added to the chassis for a turnkey sale until chassis is lineset.

INTERNATIONAL

October 22, 2025

Prepared For:
TOWN OF WATERFORD
Garon VanOverloop
15 ROPE FERRY RD.
WATERFORD, CT 06385-
(860)444 - 5867
Reference ID: N/A

Presented By:
ALLEGIANCE TRUCKS
PETER VECCHIARELLI
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2026 MV607 SBA (MV607)

AXLE CONFIG:	4X2
APPLICATION:	Street Sweeper
MISSION:	Requested GVWR: 35000. Calc. GVWR: 34000. Calc. GCWR: 50000 Calc. Start / Grade Ability: 30.91% / 2.36% @ 55 MPH Calc. Geared Speed: 71.7 MPH
DIMENSION:	Wheelbase: 187.00, CA: 119.90, Axle to Frame: 63.00
ENGINE, DIESEL:	(Cummins B6.7 250) EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	(Allison 3500 RDS) 6th Generation Controls, Wide Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	(Dana Spicer E-1202IR) I-Beam Type, 12,000-lb Capacity
AXLE, REAR, SINGLE:	(Meritor MS-21-14X-4DFR) Single Reduction, 22,000-lb Capacity, R Wheel Ends Gear Ratio: 5.86
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
TIRE, REAR:	(4) 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
SUSPENSION, REAR, SINGLE:	23,500-lb Capacity, Vari-Rate Springs
PAINT:	Cab schematic 100WP Location 1: 5047, Green (Prem) Chassis schematic N/A

Code	Description
MV60700	Base Chassis, Model MV607 SBA with 187.00 Wheelbase, 119.90 CA, and 63.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1ANA	AXLE CONFIGURATION 4x2 Notes : Pricing may change if axle configuration is changed.
1CAE	FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 460.0" (11684mm) Maximum OAL
1LEG	LICENSE PLATE HOLDER Includes Upper & Lower Mounting Plate Hardware, Mounted in Existing Holes in Front Bumper
1LNG	BUMPER, FRONT Contoured, Steel, Painted Gloss Black
1MEJ	FRAME DIMPLE Dimple on Left and Right Top Flange of Frame Rail to Reference Rear Axle Centerline
1MHP	SPECIAL FRAME PIERCING for Schwarze A-Series, per Drawing SK-2550
1WEH	WHEELBASE RANGE 134" (340cm) Through and Including 197" (500cm)
2AYW	AXLE, FRONT NON-DRIVING (Dana Spicer E-1202IR) I-Beam Type, 12,000-lb Capacity
3ADC	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 12,000-lb Capacity, with Shock Absorbers Includes : SPRING PINS Rubber Bushings, Maintenance-Free Notes : In combinations where chassis component weights may cause a chassis lean, a spring is used in front left spring pack to offset this imbalance & provide a level chassis, within 3/8", with body installed.
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications Includes : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4732	DRAIN VALVE (Berg) with Pull Chain, for Air Tank
4AZA	AIR BRAKE ABS (Bendix AntiLock Brake System) 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System
4EDN	AIR DRYER (Bendix AD-9SI) with Heater, Includes Safety Valve
4EXP	BRAKE CHAMBERS, FRONT AXLE (Bendix) 20 Sqin
4EXU	BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 Sqin Spring Brake
4GBM	BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake
4LAA	SLACK ADJUSTERS, FRONT (Haldex) Automatic
4LGA	SLACK ADJUSTERS, REAR (Haldex) Automatic
4SPA	AIR COMPRESSOR (Cummins) 18.7 CFM
4VLE	AIR DRYER LOCATION Mounted Inside Engine Compartment, Right Side

Code	Description
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4XDP	BRAKES, FRONT (Meritor 16.5X5 Q-PLUS CAST) Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 5", 14,700-lb Capacity
4XDR	BRAKES, REAR (Meritor 16.5X7 Q-PLUS CAST) Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 7", 23,000-lb Capacity per Axle
4XEZ	AIR TANK LOCATION (2) Mounted Between the Rails, Back of Cab, One on Each Side, Parallel to Rails
5708	STEERING COLUMN Tilting
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PSA	STEERING GEAR (Sheppard M100) Power
6DGB	DRIVELINE SYSTEM (Dana Spicer) SPL140, for 4x2/6x2
7BEV	AFTERTREATMENT COVER Steel, Black
7BLW	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7SCP	ENGINE EXHAUST BRAKE for Cummins ISB/B6.7/ISL/L9 Engine with Variable Vane Turbo Charger
7WAZ	TAIL PIPE (1) Turnback Type
7WCR	EXHAUST HEIGHT 10' 11"
7WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment Includes : DATA LINK CONNECTOR For Vehicle Programming and Diagnostics in Cab : HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel : HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever : PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light : STARTER SWITCH Electric, Key Operated : STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector : TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature : TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn Signals, Solid State Flashers; Flush Mounted : WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever : WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted : WIRING, CHASSIS Color Coded and Continuously Numbered
8GXD	ALTERNATOR (Leece-Neville AVI160P2013) Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
8HAE	BODY BUILDER WIRING Rear of Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/ Accessory Power/Ground and Sealed Connector for Stop/Turn
8MJT	BATTERY SYSTEM (Fleetrite) Maintenance-Free, (2) 12-Volt 1900CCA Total, Top Threaded Stud
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors
8RPP	ANTENNA Shark Fin, Roof Mounted
8RPS	RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input
8VBE	HORN, ELECTRIC (1) Trumpet Style

Code	Description
8WKR	WIRING, FEEDER DATA TERMINAL Cab Wiring for "Feeder Data Terminal" FDT System; Includes Extra 9-Pin Diagnostic Connector Located Behind the Instrument Panel
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses
8XDU	BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side Under Cab
8XHD	BATTERY DISCONNECT SWITCH 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Cab Mounted
8XHN	HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord
8XKL	STARTING MOTOR (Mitsubishi Electric Automotive America 90P47) 12-Volt, with Soft-Start
8XKM	SWITCH, AIR HORN, PASSENGER Fire Truck Application; Momentary Switch Located in Instrument Panel Close to Passenger, Driver Also To Activate Switch with Lanyard
8XNY	HEADLIGHTS Halogen
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9HCW	GRILLE Molded in Black
9WBN	FENDER EXTENSIONS Painted
9WBW	FRONT END Tilting, Fiberglass, with Three Piece Construction, Dual Air Intakes
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100
	Includes : PAINT SCHEMATIC ID LETTERS "WP"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10769	PAINT CLASS Premium Color
10AGB	CONNECTED PLATFORM Includes Connectivity Module and Five Year Data Plan
10RHE	DUAL DRIVE Customer Intends to Convert to In-Cab Dual Drive Positions
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10UAV	VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.
	Notes : CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA
10WCY	SAFETY TRIANGLES
10WUE	MUD FLAPS, FRONT WHEELS (2) Rubber, Mounted on Fender Extension
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12EMZ	VENDOR WARRANTY, ENGINE (Cummins) B6.7 Engine, 3-Year Unlimited Miles Standard Warranty
12EXU	ENGINE, DIESEL (Cummins B6.7 250) EPA 2024, 250HP @ 2400 RPM, 660 lb-ft Torque @ 1600 RPM, 2600 RPM Governed Speed, 250 Peak HP (Max)
12TSY	FAN DRIVE (Borg-Warner SA85) Viscous Type, Screw On

Code	Description
	Includes : FAN Nylon
12VCE	AIR CLEANER Single Element, Fire Retardant Media
12VKM	EMISSION, CALENDAR YEAR (Cummins B6.7) EPA, OBD and GHG Certified for Calendar Year 2026
12VXT	THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel
12WPV	OIL PAN 15 Quart Capacity, For Cummins ISB/B6.7 Engines
12WVH	EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Door
12WZE	CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations
12XCC	RADIATOR Aluminum, 2-Row, Down Flow, Front to Back System, 640 Sqin Louvered, with 383 Sqin Charge Air Cooler, Includes In-Tank Oil Cooler
12XCS	CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty
13BDM	TRANSMISSION, AUTOMATIC (Allison 3500 RDS) 6th Generation Controls, Wide Ratio, 5-Speed with Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
13WBL	TRANSMISSION SHIFT CONTROL (Allison) Push-Button, for Allison 3000 & 4000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUL	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS), Street Sweeper, Package Number 167
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYU	SHIFT CONTROL PARAMETERS (Allison) 3000 or 4000 Series Transmissions, Performance Programming
13XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
14APA	AXLE, REAR, SINGLE (Meritor MS-21-14X-4DFR) Single Reduction, 22,000-lb Capacity, R Wheel Ends . Gear Ratio: 5.86
14SAN	SUSPENSION, REAR, SINGLE 23,500-lb Capacity, Vari-Rate Springs
14WMG	AXLE, REAR, LUBE (EmGard FE-75W-90) Synthetic Oil; 30 thru 39.99 Pints
15924	FUEL TANK STRAPS Bright Finish Stainless Steel
15LMN	FUEL/WATER SEPARATOR (Racor 400 Series,) 12 VDC Electric Heater, Includes Pre-Heater, with Primer Pump, Includes Water-In-Fuel Sensor
15LRE	LOCATION FUEL/WATER SEPARATOR Mounted Under Hood, Left Side, Above Front Axle
15SXJ	FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab
15WCN	DEF TANK 5 US Gal (19L) Capacity, Frame Mounted Outside Left Rail, Under Cab
16030	CAB Conventional, Day Cab
	Includes : CLEARANCE/MARKER LIGHTS (5) Flush Mounted
16917	MOUNTING BRACKETS for Catwalk, Less Roof Catwalk
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16GED	GAUGE CLUSTER Base Level; English with English Electronic Speedometer

Code	Description
	Includes : GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for : GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure or Auxiliary Air Pressure (if Air Equipped) : WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure, Primary and Secondary (if Air Equipped)
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16HHE	GAUGE, AIR CLEANER RESTRICTION (Filter-Minder) Mounted in Instrument Panel
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16KCA	SEAT, DRIVER (National 2000 195) Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Seat Back Angle Adjust, Dual Shocks
16KDB	SEAT, PASSENGER (National 2000 195) Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Back Angle Adjust
16SSU	MIRRORS (2) C-Loop, Power Adjust, Heated, Turn Signals, LED Clearance Lights, Bright Heads and Arms, 7" x 14.5" Flat Glass, Includes 8" x 6" Convex Mirrors, for 102" Load Width
	Notes : Mirror Dimensions are Rounded to the Nearest 0.5"
16VEX	CONTROLS, CENTER PANEL Includes Ignition Switch, Headlights and Power Mirror Controls Located in Center Panel
16VKB	CAB INTERIOR TRIM Classic, for Day Cab
	Includes : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16VLK	CAB REAR SUSPENSION Air Suspension, for Mid Cab Height
16WBY	ARM REST, RIGHT, DRIVER SEAT
16WBZ	ARM REST, LEFT, PASSENGER SEAT
16WEE	CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator
16WJU	WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature
16WLS	FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray in Front of Windshield Under Hood
16WSE	LOW WASHER FLUID INDICATOR
16XCW	CAB, INTERIOR TRIM, CLOSEOUT Under IP, Driver Side
16XJN	INSTRUMENT PANEL Flat Panel
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
27DUW	WHEELS, FRONT (Accuride 51408) DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
28DUW	WHEELS, REAR (Accuride 51408) DUAL DISC; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

Code	Description
7382135443	(2) TIRE, FRONT 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
7382135443	(4) TIRE, REAR 11R22.5 Load Range H ECOPLUS HS3+ (CONTINENTAL), 495 rev/mile, 75 MPH, All-Position
	Cab schematic 100WP
	Location 1: 5047, Green (Prem)
	Chassis schematic N/A
	Services Section:
40129	WARRANTY Standard for MV Series, Effective with Vehicles Built July 1, 2017 or Later, CTS-2020A
40XUJ	SRV CONTRACT, EXT VEH COVERAGE To 60-Month/100,000 Miles (160,000 km), Excludes Extended Warranty for Engine and Transmission
40YYJ	SRV CONT, EXT CUMMINS ENG/AFTR To 60-Month/100,000 Miles (160,000 km), Extended Cummins B6.7 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)
1	FONTAINE DUAL DRIVE
2	Schwarze A9 Monsoon TE price
3	FREIGHT SWEEPER
	FLOORPLAN

INTERNATIONAL

Financial Summary
2026 MV607 SBA (MV607)

October 22, 2025

(US DOLLAR)

Description		Price
Net Sales Price		$451,760.00
Memo Item(s):		
Warranty:	$5,630.00	
Body/Allied Equipment:	$340,625.00	

Note: Memo item(s) shown here are included in the above Net Sales Price.

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

TARIFFS ARE INCLUDED FOR CURRENT BUILDS, WE DO NOT HAVE WHAT 2026 WILL BE

Approved by Seller:

Official Title and Date

Authorized Signature

ALLEGIANCE TRUCKS
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

If you haven't added a planned maintenance service contract to your proposal yet, please get in touch with your local dealer, International or IC Bus Sales Representative to learn more about the benefits when ordering together with the vehicle.

International® Financial offers loans, a full line up of lease options, and can establish a line of credit for use towards the purchase of International and IC Bus vehicles. Ask your dealer, International® or IC Bus® Sales Representative about completing an International Financial credit application and any promotional offers that may be available. International Financial services are provided by Navistar Financial Corporation.

The TOPS FET Calculation is an estimate for reference purposes only. The seller is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described here in are International Motors, LLC's standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

International Motors, LLC d/b/a International Motors USA LLC in Illinois and Ohio.

Multi Function | Twin Engine | Diesel or CNG | Easy Dump

SCHWARZE INDUSTRIES

A9 MONSOON TE

REGENERATIVE AIR SWEEPER



*Sweeper may be shown with optional equipment



SCAN THE QR CODE

The A9 Monsoon TE is purpose-built for high-performance, high-demand sweeping. With a poweful John Deere auxiliary engine powering the sweeper system independently from the chassis, the A9 TE delivers consistent, uninterrupted performance on the most challenging jobs. Whether it's highway sweeping, heavy debris pickup, or extended daily runs, the A9 TE keeps working—without compromise. This twin-engine powerhouse handles it all with ease. The Whisper Wheel® keeps noise to a minimum, while full in-cab controls and diagnostics give operators total control. Built to go the distance, the A9 TE is the sweeper that gets the job done—day in and day out.

MORE INFORMATION

THE PEOPLE YOU KNOW. THE PRODUCTS YOU TRUST FOR A BETTER PLANET.

Sourcewell Awarded Contract | HGACBuy

schwarze.sweepers | schwarze sweepers | www.schwarze.tv
schwarze-industries | swpr | schwarze.com/A9TE

SWEEPING PATH

Pickup head only	90 in (2286 mm)
Head and 1 broom	117 in (2972 mm)
Head and 2 brooms	144 in (3658 mm)

CHASSIS

Mounts on various chassis to meet requirements

GUTTER BROOMS

Location:	Vertical digger type, dual
Diameter:	44 in (1118 mm)
Type:	Flattened wire filled
Speed:	In-cab variable speed, independent of engine RPM
Suspension:	Hydraulic cylinders and springs
Drive:	Hydraulic motor
Adjustments:	In-cab tilt (27°) Gutter Broom Extension Override (GEO) with in-cab variable retraction Full-floating with lateral swing protection (15 in)
Center Deflector:	Poly brush, raises/lowers with pickup head
Sealing:	Heavy-duty motor seal and recessed disc design

PICKUP HEAD

Width:	90 in (2286 mm)
Length:	36 in (914 mm)
Head Type:	Spring-balanced, dual-chamber steel head with replaceable angled blast orifice Sweeps-In-Reverse (fully rated, no add-ons required)
Hoses:	14 in (356 mm) pressure and suction, wire-reinforced molded rubber
Drag Shoes:	Doublewide virgin carbide, interchangeable, 2-year/2,000-hr wear warranty
Water Injection:	2 nozzles in suction transition
Quick Disconnect:	Lower suction tube
Lift:	Hydraulic, in-cab switch

SWEEPER ENGINE

Make:	John Deere 4-cylinder, turbocharged
Tier:	Tier IV Final
Horsepower:	134 HP @ 2400 RPM
Torque:	398 ft-lb @ 1600 RPM
Displacement:	≥275 in³
Fuel Tank:	50 gal (shared with chassis)
Electrical:	12V, 90-amp alternator
Shutdowns:	Low oil, high coolant, low coolant
Access:	All daily service from ground level
Protection:	Engine shroud with limb guards

HYDRAULIC SYSTEM

Pump:	Multi-stage gear-driven
Reservoir:	25 gal, with level/temp gauge
Cooling:	9,000 BTU oil-to-air cooler
Filtration:	10-micron return
Pressure:	2500 PSI
Check Ports:	Quick disconnect
Valves:	Diagnostic LEDs, sealed
Backup:	12V DC emergency system

BLOWER

Type:	Closed-face turbine, regenerative air
Diameter:	32.75 in (832 mm)
Width:	5 in (127 mm)
Blades:	10 curved
Construction:	500 Brinell hardness steel
Drive:	Belt-driven (5-groove) via auxiliary engine
Suction:	-65 in water column
Airflow:	17,000 CFM
Noise Level:	≤72 dB(A) @ 50 ft (Whisper Wheel-equipped)
Housing:	3/16 in abrasion-resistant steel with replaceable rubber liner
Mounting:	Parallel to hopper, independent of hopper body
Vacuum Enhancer:	Electric control, 0–80% air diversion
Bearings:	Greasable self-aligning, 2.25 in shaft diameter, ground-level access

DEBRIS HOPPER

Volumetric Capacity:	9.6 cu yds (7.34 cu m)
Usable Capacity:	8.0 cu yds (6.12 cu m)
Material:	304 stainless steel (10 ga minimum), 3° sloped floor
Dumping:	Hydraulic rear dump, 36 in height, 51° total angle
Lift:	Dual 4 x 16 in cylinders
Screens:	304 stainless steel, 5615 in², 2-piece saw-tooth design, dual-hinged
Inspection Doors:	15 x 32 in, left and right Seals: Rubber on all doors and openings
Shroud:	Stainless steel, integrated, 48 ft² sound insulation
Diffuser:	Full-length top diffuser with deluge system

DUST SEPARATOR

Type:	Centrifugal, 29,000 in³
Cleanout:	Automatic on hopper raise

WATER SYSTEM

Pump:	Twin electric diaphragm, 5.88 GPM each @ 60 PSI
Tank Capacity:	250 gal (946 L) standard; 600 gal optional
Construction:	Polyethylene
Fill	25 ft fire hose, 2.5 in NST, 2 in air gap, hydrant wrench & rack
Filtration:	50-mesh cleanable with restriction indicator 5-micron post-pump
Spray Locations:	5 nozzles at pickup head, 2 inside hopper, 2 on each gutter broom, 2 in suction tube, 2 at front axle, 7 at front bumper
Controls:	Individual in-cab solenoid switches
Features:	Air purge system, water level gauge and alarm
Materials:	No ferrous components

SWEEPING CONTROLS

Steering:	Dual, non-sweeper installed
Console:	Rotating base, high-res color display
Engine Gauges:	Full diagnostics, engine load, fuel, DEF
Display Info:	Water level, hydraulic temp, filter indicators, leaf bleeder, standby, regen
Switches:	Individual lighted rocker switches with symbols
Standby:	One-touch sweep resume with lift/sweep in reverse
Alarms:	Visual and chime alerts for critical readings

HAND HOSE

Diameter:	8 in
Length:	12 ft
Material:	Rubber, serrated 52 in nozzle
Mount:	Rear, boom mounted (spring or hydraulic)
Airflow:	Block-off plate with out-of-cab storage

SAFETY FEATURES

Compliance:	FMVSS
Lighting:	All LED, including dual bumper strobes and high-mount flashers
Backup:	Alarm, camera with 7 in monitor, night vision
Fire Equipment:	5 lb extinguisher
Other:	Triangle kit, SMV emblem, hazard decals

ACCESSORIES

Rear Bumper:	Full-width steel
Mirrors:	8 in chrome parabolic, mounted under chassis mirrors
Toolbox:	18.875 x 10.5 x 24.625 in, curb-side access

PAINT

One coat of sealer/primer and two coats of Sherwin-Williams high solids polyurethane, white color.

WARRANTY

Sweeper	12 months or 1,200 hours
Auxiliary Engine:	24 months or 2,000 hours
Hydraulic Pumps and Fittings:	60 months or 6,000 hours
Hydraulic Motors and Valves:	24 months or 2,400 hours

Note: Specifications are subject to change without notice.

Your Schwarze Dealer

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1055 Jordan Road
Huntsville, AL 35811
800.879.7933
An Atlantic Group Company

Service History by Vehicle

Town of Waterford - Public Works

19 records

Report generated on 10/27/2025 3:08 PM by Garon VanOverloop

Filters

Vehicle Groups: Public Works Vehicle: H37 Status: Active, In Shop

Labor Subtotal	Parts Subtotal	Line Item Subtotal
$3,073.34	$7,439.79	$10,513.13

Vehicle

H37

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
41869965	10/21/2025 12:46 PM	10/23/2025 8:55 AM	$40.75	$273.36	Winter Equipment Inspection	$26.29	$52.14
41869965	10/21/2025 12:46 PM	10/23/2025 8:55 AM	$40.75	$273.36	Diagnose Hydraulics	$14.46	$221.22
39353008	08/05/2025 10:04 AM	08/05/2025 10:38 AM	$10.00	$27.23	Body (Miscellaneous)	$10.00	$27.23
37236809	06/17/2025	06/20/2025 9:52 AM	$227.90	$227.90	Preventative Maintenance	$227.90	$227.90
33291229	02/21/2025 12:30 PM	02/21/2025 2:02 PM	$663.66	$697.28	Plow Blade Replacement	$663.66	$697.28
32224410	01/19/2025	01/19/2025	$0.00	$67.24	Plow blade flip		$67.24
31434101	12/07/2024 1:00 PM	12/07/2024 1:30 PM	$0.00	$23.65	Winter Equipment Inspection		$23.65
27448507	06/27/2024 7:45 AM	06/27/2024 2:42 PM	$11.04	$189.54	Body (Miscellaneous)	$11.04	$189.54
26656031	05/23/2024 8:20 AM	05/24/2024 8:30 AM	$362.16	$440.24	Brakes (Miscellaneous)	$362.16	$440.24
24318680	02/26/2024 10:30 AM	02/26/2024 10:50 AM	$0.01	$7.82	Diagnose Hydraulics	$0.01	$7.82
24270894	02/21/2024 10:00 AM	02/21/2024 12:00 PM	$8.37	$39.60	Diagnose Hydraulics	$8.37	$39.60
24007430	02/12/2024 8:56 AM	02/15/2024 3:23 PM	$331.08	$377.93	Diagnose Hydraulics	$331.08	$377.93
23214362	02/07/2024 8:30 AM	02/07/2024 2:30 PM	$640.37	$765.29	Preventative Maintenance	$640.37	$765.29

Service Entry	Start Date	Completion Date	Parts	Total cost	Service Task	Parts Subtotal	Line Item Subtotal
22331001	01/17/2024 11:00 AM	01/17/2024 11:00 AM	$38.50	$38.50	Exhaust Clamp Replacement	$38.50	$38.50
22035511	12/26/2023 11:00 AM	12/27/2023 8:48 AM	$20.14	$82.60	Exhaust System Inspect	$20.14	$82.60
21399853	11/17/2023 10:00 AM	11/17/2023 11:32 AM	$28.05	$74.19	Undercoating	$28.05	$74.19
20718217	11/01/2023 2:30 PM	11/01/2023 3:30 PM	$22.19	$53.42	Hydraulic hose replacement	$22.19	$53.42
20366269	10/13/2023 10:30 AM	10/18/2023 11:00 AM	$78.03	$354.88	Electrical diagnostics	$5.39	$143.81
20366269	10/13/2023 10:30 AM	10/18/2023 11:00 AM	$78.03	$354.88	Hydraulic Filter Replacement	$60.26	$71.80
20366269	10/13/2023 10:30 AM	10/18/2023 11:00 AM	$78.03	$354.88	Body grease points		$11.54
20366269	10/13/2023 10:30 AM	10/18/2023 11:00 AM	$78.03	$354.88	Spreader Chain Adjustment		$92.28
20366269	10/13/2023 10:30 AM	10/18/2023 11:00 AM	$78.03	$354.88	Gear box oil change	$12.38	$35.45
16753695	01/13/2023	03/20/2023 10:30 AM	$2,908.83	$4,124.83	EGR Valve Cooler Replacement	$2,908.83	$4,124.83
15225856	11/21/2022	11/28/2022	$2,048.71	$2,647.63	Re-inspection		$42.78
15225856	11/21/2022	11/28/2022	$2,048.71	$2,647.63	Undercoating		$42.78
15225856	11/21/2022	11/28/2022	$2,048.71	$2,647.63	Front Brakes & Drums	$484.09	$655.21
15225856	11/21/2022	11/28/2022	$2,048.71	$2,647.63	Rear Suspension- Spring Replacement	$1,564.62	$1,906.86
					Total Amount	$7,439.79	$10,513.13

TOWN OF WATERFORD

DATE: 10/27/2025 03:18 p.m.

VEHICLE REPAIR HISTORY REPORT
FACILITY: 00001

STARTING VMRS CODE: 000-000-000
ENDING VMRS CODE: 999-999-999

DATE: FIRST
DATE: LAST

VEHICLE:: H37
VEHICLE: H37

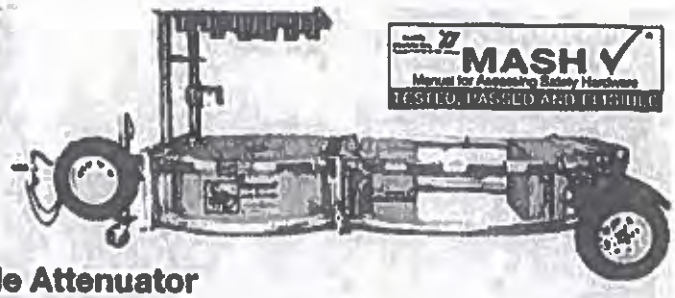
METER: STANDARD | SUBTOTALS OF VMRS CODES FOR DIVISION > AL | PERIOD: LIFE

VMRS CODE		QUANTITY	LABOR HRS	LABOR COST	PARTS COST		TOTAL COST	PERCENT	COST PER METER
002	CAB/SHEET METALS	1	2.00	67.90	47.00		114.90	0.38%	0.00260
006	**********	1	17.50	471.63	272.56		744.19	2.44%	0.01682
013	BRAKES	7	37.00	1089.22	1080.99		2170.21	7.11%	0.04904
016	SUSPENSION	1	10.00	307.14	1313.13		1620.27	5.31%	0.03661
017	TIRES,TUBES,LINERS	1	1.00	24.88	0.00		24.88	0.08%	0.00056
018	WHEELS,RIMS,HUBS,BEARI	1	1.00	35.01	2.95		37.96	0.12%	0.00086
027	TRANSMISSION AUTOMATIC	1	3.00	118.92	89.81		208.73	0.68%	0.00472
032	CRANKING SYSTEM	1	2.00	68.78	229.98		298.76	0.98%	0.00675
034	LIGHTING SYSTEM	3	7.00	234.54	44.08		278.62	0.91%	0.00630
042	COOLING SYSTEM	1	6.00	211.92	0.00		211.92	0.69%	0.00479
043	EXHAUST SYSTEM	1	0.00	0.00	0.00		0.00	0.00%	0.00000
045	POWER PLANT/ENGINE	2	9.00	267.93	728.11		996.04	3.26%	0.02251
051	GENERAL ACCESSORIES	1	0.00	0.00	11.60		11.60	0.04%	0.00026
052	ELECTRICAL ACCESSRES	4	14.00	379.47	251.84		631.31	2.07%	0.01427
056	POWER TAKE OFF	1	8.00	271.52	0.00		271.52	0.89%	0.00614
065	HYDRAULIC SYSTEMS	6	7.50	257.05	573.07		830.12	2.72%	0.01876
066	PREVENTIVE MAINTENANCE	13	85.50	2807.35	1684.89		4492.24	14.72%	0.10151
099	ROAD CALL TRAVEL TIME	55	245.25	8119.55	9457.75		17577.30	57.59%	0.39720
	TOTALS:	101	455.75	14732.81	15787.76	TOT:	30520.57	100.00%	0.68968

Scorpion II® TA

Towable Attenuator

Scorpion II TL-3 Towable Attenuator
MASH Tested, Passed and Eligible



Scorpion II TL-3 (62.5 mph/100 kph) Towable Attenuator

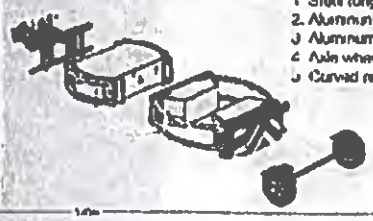
Specification

The Towable Attenuator (TA) is a mobile crash cushion designed with a trailer tongue and axle/wheel that connects directly to the support vehicle's trailer connection and from a lunette eye on the attenuator. The TA can be used on support vehicles with a minimum actual/curb weight of 12,000 lbs with no upper weight limit (infinite weight). The TA has overall dimensions of 17.8 ft (5.4 m) x 8 ft (2 m) x 4.3 ft (1.3 m) with ground clearance of 12.0 in ± 1.0 in (305 mm±25 mm). The TA consists of three main components: the trailer tongue, front Strut, and rear Cartridge. The trailer tongue is positioned nearest to the support vehicle, the Strut is bolted to the tongue and Cartridge. The Cartridge is the rear most component, furthest away from the support vehicle. The trailer tongue acts as a stands single point connection under normal towing conditions. The trailer tongue is designed with an integral Telescoping Anti-Rotation System (TARS) that is activated when the TA is impacted. The forward sliding action occurs during an impact, upon completion of th full telescoping action the outboard anti-rotation supports come into contact with support vehicle frame plate which in turn prevents angular rotation about the rear of the host vehicle. The Strut consists of four outboard convex aluminum tubes forming an aluminum structural weldment. The aluminum structural weldments bolt directly to the TARS tongue and the rear Cartridge. The structural assembly encompasses the aluminum crush Module D. The Cartridge consists of four outboard convex aluminum tubes forming an aluminum structural weldment. The aluminum structural weldments bolt directly the Struts steel angles and rear trailer diaphragm. Th TA uses a Cartridge Trailer Diaphragm with an axle/wheel attachment for towing the TA. The structural assembly encompasses the two aluminum crush Module C's. Attached to the rear most end of the Cartridge is the single crush Module A.

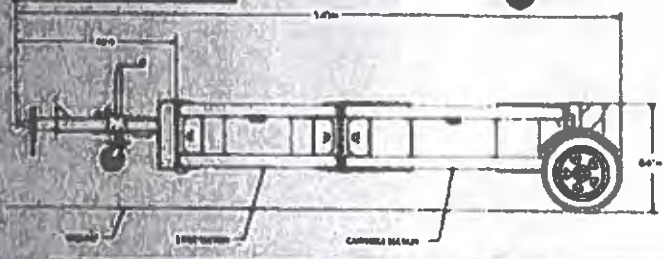


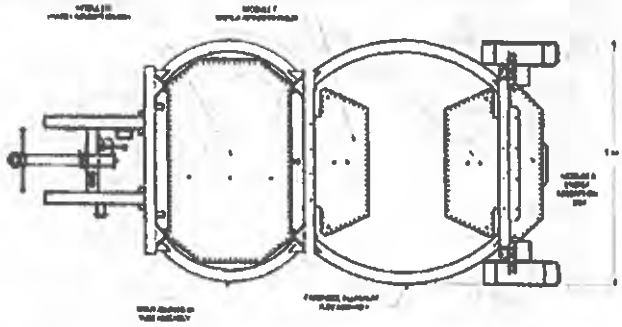
Scorpion II® TL-3 Towable Attenuator with Display Panel Impacted by 5,006 lbs (2,271 kg) Pick-Up Truck

TL-3 SPECIFICATIONS	
Length	17.8 ft (5.4 m)
Width	7.8 ft (2.4 m)
Height from the ground	12.0 in ± 1.0 in ((305 mm ±25.4 mm)



1. Steel tongue section including TARS™
2. Aluminum strut section
3. Aluminum cartridge section
4. Axle wheel assembly
5. Curved re-directing aluminum tubes





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EQUIPMENT SPECIALISTS

180 Roberts Street, East Hartford CT 06108 Tel: (860) 296-7000 • www.ES-CT.com

HV507

September 30, 2025

NUTMEG IH
ATTN: Marc Palumbo

REF: WATERFORD

TENCO 12M-10-ES EQUIPMENT PKG
H31 & H37

Chassis Requirements

- ❖ Chassis MUST HAVE Clear Right-Side Frame Rail Behind Cab (as much as Possible) for Valve and Tank Mounting. Relocating of Components Interfering in Installation will be Billed at Shop Rate of $197 per Hour

- ❖ Chassis Must Have factory option switches, 6-Minimum preferred
- ❖ Minimum 44,000 GVW Six (6) Wheel Cab & Chassis
- ❖ 96" to 102" cab to axle measurement
- ❖ Allison 3000 or Higher Transmission
- ❖ INTEGRAL Front Frame Extensions
- ❖ Three (3) indicator lights for body up, gate open and low oil
- ❖ Snow Plow Prep Package for Plow Lights
- ❖ Air and Electric to Rear
- ❖ Electric Trailer Brake Prep Package in cab
- ❖ Ground speed output for electronic sander control
- ❖ PTO switch in dash and wired to right side of transmission for Chelsea HOT shift PTO.

Additional charges may apply for items not supplied on chassis

Equipment Package to include the following:

BODY:

- ➢ Tenco 12M-10-ES All Season Body
- ➢ Body Construction 3/16" Hardox 450 Steel 205,000 Psi And Stainless Steel
- ➢ Hardox 450 205,000 Psi Walls, Headsheet, Tailgate, Floor, & Chain Cover
- ➢ 304# 3/16" Stainless Steel Rear Cornerposts
- ➢ Stainless Steel Removable Conveyor System
- ➢ Stainless Steel Hydraulic Body Lines
- ➢ 6.0 Cubic Yard Capacity Level
- ➢ 39" Airgate with Coal Door on LEFT Side
- ➢ Three (3) Section Bolt-On Pillow Block Floor Hinge
- ➢ Bolt-on Asphalt Apron
- ➢ Mailhot CS-90 Stage Telescopic Main Dump
- ➢ 36" Cabshield Fully reinforced
- ➢ AUGER SENSOR FOR CLOSED LOOP
- ➢ Open Understructure With 3" C-Channel
- ➢ Three (3) Section Bolt-on Pillow Block Floor Hinge with remote Grease Manifold
- ➢ Two (2)Bank Grease Manifold for Rear Bearings
- ➢ REAR DRIVERSIDE SS SWING-UP LADDER

INTERNATIONAL

Financial Summary
2026 HV607 SFA (HV607)

October 13, 2025

(US DOLLAR)

Description		Price
Net Sales Price*		$305,870.27
Memo Item(s):		
Warranty:	$0.00	
Body/Allied Equipment:	$170,568.00	

Note: Memo item(s) shown here are included in the above Net Sales Price.

Please feel free to contact me regarding these specifications should your interests or needs change. I am confident you will be pleased with the quality and service of an International vehicle.

At Allegiance Trucks, we are committed to providing high-quality products and services at competitive prices. However, due to ongoing fluctuations in tariffs, supply chain costs, and manufacturer surcharges, new equipment prices may be subject to change. Any applicable surcharges, tariffs, or price increases will be the responsibility of the customer and reflected in final invoicing. While we strive to minimize the impact of these external factors, we encourage customers to stay informed and plan accordingly.

Approved by Seller:

Official Title and Date

Authorized Signature

ALLEGIANCE TRUCKS
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Accepted by Purchaser:

Firm or Business Name

Authorized Signature and Date

This proposal is not binding upon the seller without Seller's Authorized Signature

Official Title and Date

The TOPS FET calculation is an estimate for reference purposes only. The seller or retailer is responsible for calculating and reporting/paying appropriate FET to the IRS.

The limited warranties applicable to the vehicles described herein are Navistar, Inc.'s standard printed warranties which are incorporated herein by reference and to which you have been provided a copy and hereby agree to their terms and conditions.

Description

FRESH AIR FILTER Attached to Air Intake Cover on Cowl Tray In Front of Windshield Under Hood

CAB REAR SUSPENSION Air Bag Type

INSTRUMENT PANEL Flat Panel

ACCESS, CAB Bright Aluminum, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab or Extended Cab

WINDSHIELD WIPER BLADES Winter Type

COWL TRAY LID

FLOOR, COATING LINE-X, Applied to Interior Cab Floor

WHEELS, FRONT (Accuride 50300) DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

WHEELS, REAR (Accuride 50300) DUAL DISC: 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs

BDY INTG, REMOTE POWER MODULE (2) Mounted Inside Cab Behind Driver Seat, Up to 6 Outputs & 6 Inputs Each, Max 20 amp per Channel, Max 80 amp Total; Includes 2 Switch Packs with Latched Switches

BDY INTG, PTO ACCOMMODATION for Electric over Hydraulic PTO, Does Not Include Solenoids, with Latched Switch Mounted on Dash Includes Audible Alarm and Indicator Light in Gauge Cluster (Requires 1 Remote Power Module input & 1 output)

BDY INTG, SWITCH MOMNTRY 3POS Rocker, Backlit, with "ON" Indicator Mounted on Dash, Latching Software, for 2; Auxiliary Load 20 amp. Maximum; Power Available Only in "Ignition" or "Accessory" Position, Output Also Controlled by a Customer Remote Mounted Switch (requires 2 Remote Power Module inputs & 2 outputs)

BDY INTG, INDICATOR LIGHTS (2) 1 for Body Up, 1 for Gate Open, Includes Audible Alarm, Programmable Mode for Various Switch Actions. (Requires 2 Remote Power Module Inputs)

BDY INTG, DASH IND LT TRICOLOR (1) for Optional Usage Customer to Program

(2) TIRE, FRONT 315/80R22.5 Load Range L X WORKS Z (MICHELIN), 485 rev/mile, 68 MPH, All-Position

(4) TIRE, REAR 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position

Cab schematic 100WK

Location 1: 5047, Green (Prem)

Chassis schematic N/A

Services Section:

WARRANTY Standard for HV507/HV509, HV508, HV607/HV609 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A

SRV CONTRACT, EXT VEH COVERAGE To 60-Month/100,000 Miles (160,000 km), Excludes Extended Warranty for Engine and Transmission

SRV CONT, EXT CUMMINS ENG/AFTR To 60-Month/100,000 Miles (160,000 km), Extended Cummins L9 Engine Coverage, Protection Plan 1 and Aftertreatment, (Truck Application Only)

Equipment Specialists - Body Equip

DUAL LED LIGHTS

COMPLETE BODY GREASE MANIFOLD

FLOOR PLAN

Description
AXLE, REAR, SINGLE (Dana Spicer S30-1900) Single Reduction, 30,000-lb Capacity, Driver Control Locking Differential, W Wheel Ends . Gear Ratio: 6.14

SUSPENSION, REAR, SINGLE 31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs

FUEL TANK STRAPS Bright Finish Stainless Steel

FUEL/WATER SEPARATOR (Racor 400 Series) with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine

FUEL TANK Top Draw, Non-Polished Aluminum, 24" Dia, 50 US Gal (189L), Mounted Left Side, Under Cab

DEF TANK 5 US Gal (19L) Capacity, Frame Mounted Outside Left Rail, Under Cab

CAB Conventional, Day Cab

AIR CONDITIONER with Integral Heater and Defroster

GAUGE CLUSTER Base Level; English with English Electronic Speedometer

Includes
: GAUGE CLUSTER DISPLAY: Base Level (3" Monochromatic Display), Premium Level (5" LCD Color Display); Odometer, Voltmeter, Diagnostic Messages, Gear Indicator, Trip Odometer, Total Engine Hours, Trip Hours, MPG, Distance to Empty/Refill for
: GAUGE CLUSTER Speedometer, Tachometer, Engine Coolant Temp, Fuel Gauge, DEF Gauge, Oil Pressure Gauge, Primary and Secondary Air Pressure
: WARNING SYSTEM Low Fuel, Low DEF, Low Oil Pressure, High Engine Coolant Temp, Low Battery Voltage (Visual and Audible), Low Air Pressure (Primary and Secondary)

GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission

IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster

GAUGE, VOLTMETER Auxiliary Gauge, Located in Center Panel. Standard Cluster Also Includes Digital Voltage Readout

SEAT, DRIVER (National 2000 195) Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 8" Adjuster, 1 Chamber Lumbar, 2 Position Front Cushion Adjust, 6-23 Degree Seat Back Angle Adjust, Dual Shocks

SEAT, PASSENGER (National) Non Suspension, High Back with Integral Headrest, Vinyl, with Fixed Back, with Under Seat Storage

GRAB HANDLE, EXTERIOR Chrome, Towel Bar Type, with Anti-Slip Rubber Inserts, for Cab Entry Mounted Left Side at B-Pillar

MIRROR, CONVEX, HOOD MOUNTED (Lang Mekra) (2) Right and Left Sides, Black, Heated, 7.5" Sq.

MIRRORS (2) C-Loop, Heated, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width

Notes
: Mirror Dimensions are Rounded to the Nearest 0.5"

CAB MOUNTING HEIGHT EFFECTS High Cab in Lieu of Mid High Cab Mounting (Approx. 4.5")

CAB INTERIOR TRIM Diamond, for Day Cab

Includes
: CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger
: DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Reading Lights; Integral to Overhead Console, Center Mounted
: SUN VISOR (3) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side

MONITOR, TIRE PRESSURE Omit

WINDSHIELD Heated, Single Piece

ARM REST, RIGHT, DRIVER SEAT

WINDOW, POWER (2) and Power Door Locks, Left and Right Doors, Includes Express Down Feature

Description
SAFETY TRIANGLES

FIRE EXTINGUISHER 5 lb Class A B C

FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat

CLUTCH Omit Item (Clutch & Control)

ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection

BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines

Includes
: BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door

ENGINE, DIESEL (Cummins L9 360) EPA 2024, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)

FAN DRIVE (Horton Drivemaster) Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed

Includes
: FAN Nylon

RADIATOR Aluminum, Cross Flow, Front to Back System, 1469 Sqin, with 1172 Sqin Charge Air Cooler

Includes
: DEAERATION SYSTEM with Surge Tank
: HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
: RADIATOR HOSES Premium, Rubber

AIR CLEANER Single Element, with Integral Snow Valve and In-Cab Control

EMISSION, CALENDAR YEAR (Cummins L9) EPA, OBD and GHG Certified for Calendar Year 2025

THROTTLE, HAND CONTROL Engine Speed Control; Electronic, Stationary, Variable Speed; Mounted on Steering Wheel

ACCESSORY WIRING, SPECIAL for Road Speed Wire Coiled Under Instrument Panel for Customer Use

ENGINE CONTROL, REMOTE MOUNTED No Provision for Remote Mounted Engine Control

EPA IDLE COMPLIANCE Low NOx Idle Engine, Complies with EPA Clean Air Regulations; Includes "Certified Clean Idle" Decal on Hood

CARB IDLE COMPLIANCE Does Not Comply with California Clean Air Idle Regulations

CARB EMISSION WARR COMPLIANCE Does Not Comply with CARB Emission Warranty

TRANSMISSION, AUTOMATIC (Allison 3000 RDS) 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway

OIL COOLER, TRANSMISSION (Modine) Water to Oil Type

SHIFT CONTROL PARAMETERS (Allison) 3000 or 4000 Series Transmissions, S1 Performance in Primary and Fixed Programming in Secondary

TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission

TRANSMISSION OIL Synthetic; 29 thru 42 Pints

ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS) and Regional Haul Series (RHS), General Purpose Trucks, Construction, Package Number 223

NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released

TRANSMISSION TCM LOCATION Located Inside Cab

PTO LOCATION Dual, Customer Intends to Install PTO at Left and/or Right Side of Transmission

Description
BACK-UP ALARM Electric, 102 dBA

AUXILIARY HARNESS 3.0' for Auxiliary Front Head Lights and Turn Signals for Front Plow Applications

TRAILER AUXILIARY FEED CIRCUIT for Electric Trailer Brake Accommodation/Air Trailer ABS; with 30 Amp Fuse and Relay, Controlled by Ignition Switch

HORN, ELECTRIC Disc Style

WINDSHIELD WIPER SPD CONTROL Force Wipers to Slowest Intermittent Speed When Park Brake Set and Wipers Left on for a Predetermined Time

CLEARANCE/MARKER LIGHTS (5) (Truck Lite) Amber LED Lights, Flush Mounted on Cab or Sunshade

TEST EXTERIOR LIGHTS Pre-Trip Inspection will Cycle all Exterior Lamps Except Back-up Lights

HEADLIGHTS ON W/WIPERS Headlights Will Automatically Turn On if Windshield Wipers are Turned On

INDICATOR, LOW COOLANT LEVEL with Audible Alarm

STARTING MOTOR (Mitsubishi Electric Automotive America 105P) 12-Volt, with Soft-Start

CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

BATTERY BOX Steel, with Aluminum Cover, 14" Wide, 2-3 Battery Capacity, Mounted Left Side Under Cab

TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender

BATTERY DISCONNECT SWITCH 300 Amp; Disconnects Charging Circuits, Locks with Padlock, Cab Mounted

HORN, AIR Single Trumpet, Black, with Lanyard Pull Cord

HEADLIGHTS Halogen

FENDER EXTENSIONS Rubber

LOGOS EXTERIOR Model Badges

LOGOS EXTERIOR, ENGINE Badges

GRILLE Stationary, Chrome

INSULATION, SPLASH PANELS for Sound Abatement

BUG SCREEN Mounted Behind Grille

FRONT END Tilting, Fiberglass, with Three Piece Construction, for WorkStar/HV

PAINT SCHEMATIC, PT-1 Single Color, Design 100

Includes
: PAINT SCHEMATIC ID LETTERS "WK"

PAINT TYPE Base Coat/Clear Coat, 1-2 Tone

PAINT CLASS Premium Color

COMMUNICATIONS MODULE Telematics Device with Over the Air Programming; Includes Five Year Data Plan and International 360

CUSTOMER IDENTITY for Sourcewell

PROMOTIONAL PACKAGE Government Silver Package

VEHICLE REGISTRATION IDENTITY ID for Non-CARB Omnibus and/or Non-ACT Adopting State or Exempt Vehicle. Not for use on vehicles registering in CA/MA /OR/NJ/NY/WA. Contains non-mitigated legacy engine & cannot be registered in CA unless exempt. You may be held liable under state law for failure to properly register vehicle.

Notes
: CANNOT BE REGISTERED IN CA. For vehicles that will be registered in States other than CA.

Description
DRAIN VALVE (3) with Pull Chains for Air Tanks

AIR TANK LOCATION (2) : One Mounted Under Each Rail, Front of Rear Suspension, Parallel to Rail

BRAKES, REAR (Meritor 16.5X7 P) Air S-Cam Type, Cast Spider, Cast Shoe, Double Anchor Pin, Includes Greaseable and Zinc Coated Anchor Pins, Size 16.5" X 7", 38,000-lb Capacity per Axle

BRAKES, FRONT (Meritor 16.5X6 Q-PLUS CAST) Air S-Cam Type, Cast Spider, Fabricated Shoe, Double Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity

STEERING COLUMN Tilting and Telescoping

STEERING WHEEL 4-Spoke; 18" Dia , Black

STEERING GEAR (2) (Sheppard M100/M80) Dual Power

DRIVELINE SYSTEM (Dana Spicer) SPL170, for 4x2/6x2

AFTERTREATMENT COVER Aluminum

EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab

ENGINE COMPRESSION BRAKE (Jacobs) for Cummins ISL/L9 Engines; with Selector Switch and On/Off Switch

TAIL PIPE (1) Turnback Type

MUFFLER/TAIL PIPE GUARD (1) Bright Stainless Steel

EXHAUST HEIGHT 10'

ELECTRICAL SYSTEM 12-Volt, Standard Equipment

Includes
. DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
. HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
: STARTER SWITCH Electric, Key Operated
: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
: WIRING, CHASSIS Color Coded and Continuously Numbered

CIGAR LIGHTER Includes Ash Cup

ALTERNATOR (Leece-Neville AVI160P2013) Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense

ELECTRIC TRAILER BRAKE/LIGHTS Accommodation Package to Rear of Frame; for Separate Trailer Stop, Tail, Turn, Marker Light Circuits; Includes Electric Trailer Brake accommodation package with Cab Connections for Mounting Customer Installed Electric Brake Unit, Less Trailer Socket

BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn

BATTERY SYSTEM (Fleetrite) Maintenance-Free, (3) 12-Volt 1960CCA Total, Top Threaded Stud

2-WAY RADIO Wiring Effects; Wiring with 20 Amp Fuse Protection, Includes Ignition Wire with 5 Amp Fuse, Wire Ends Heat Shrink and 10' Coil Taped to Base Harness

SPEAKERS (2) 6.5" Dual Cone Mounted in Both Doors, (2) 5.25" Dual Cone Mounted in Both B-Pillars

ANTENNA Shark Fin, Roof Mounted

RADIO AM/FM/WB/Clock/Bluetooth/USB Input/Auxiliary Input

Description
Base Chassis, Model HV507 SFA with 177.00 Wheelbase, 102.00 CA, and 65.00 Axle to Frame.

AXLE CONFIGURATION 4x2

Notes
: Pricing may change if axle configuration is changed.

FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.866" x 3.622" x 0.437" (276.0mm x 92.0mm x 11.1mm), 456.0" (11582mm) Maximum OAL

LICENSE PLATE HOLDER Single Plate, Swing Type, Mounted Below Front Bumper

BUMPER, FRONT Swept Back, Steel, Heavy Duty

FRAME EXTENSION, FRONT Integral; 20" In Front of Grille

WHEELBASE RANGE 146" (370cm) Through and Including 195" (495cm)

AXLE, FRONT NON-DRIVING (Meritor MFS-20-133A) Wide Track, I-Beam Type, 20,000-lb Capacity

SPRINGS, FRONT AUXILIARY Rubber

SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers

BRAKE SYSTEM, AIR Dual System for Straight Truck Applications

Includes
: BRAKE LINES Color and Size Coded Nylon
: DRAIN VALVE Twist-Type
: GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
: PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
: PARKING BRAKE VALVE For Truck
: QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4
: SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6

TRAILER CONNECTIONS Four-Wheel, with Hand Control Valve and Tractor Protection Valve, for Straight Truck

Notes
: When electronic stability control is ordered with trailer connections on a 4x2 truck, please check the operator manual for trailer weight restrictions.

AIR BRAKE ABS (Bendix AntiLock Brake System) 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System, with Automatic Traction Control

AIR DRYER (Wabco System Saver 1200) with Heater

BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 Sqin Spring Brake

BRAKE CHAMBERS, FRONT AXLE (Bendix) 24 Sqin

BRAKE, PARKING Manual Push-Pull Pneumatic Parking Brake

SLACK ADJUSTERS, FRONT (Haldex) Automatic

SLACK ADJUSTERS, REAR (Haldex) Automatic

SLACK ADJUSTER PINS Stainless Steel Slack Adjuster Pins/Cotter Pins on Front and Rear

AIR COMPRESSOR (Cummins) 18.7 CFM

AIR TANK Painted Aluminum, with Straight Thread O-Ring Ports

AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab

DUST SHIELDS, FRONT BRAKE for Air Cam Brakes

DUST SHIELDS, REAR BRAKE for Air Cam Brakes

INTERNATIONAL

October 13, 2026

Prepared For:
TOWN OF WATERFORD
Garon VanOverloop
15 ROPE FERRY RD.
WATERFORD, CT 06385-
(860)444 - 5867
Reference ID: 6/6/2023 Prices

Presented By:
ALLEGIANCE TRUCKS
PETER VECCHIARELLI
268 PARK ST
WEST SPRINGFIELD MA 01089
(413)732-2191

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

Model Profile
2026 HV607 SFA (HV607)

AXLE CONFIG:	4X2
APPLICATION:	Front Plow with spreader
MISSION:	Requested GVWR: 44000. Calc. GVWR: 46180. Calc. GCWR: 80000 Calc. Start / Grade Ability: 30.24% / 3.57% @ 55 MPH Calc. Geared Speed: 68.9 MPH
DIMENSION:	Wheelbase: 177.00, CA: 102.00, Axle to Frame: 65.00
ENGINE, DIESEL:	(Cummins L9 360) EPA 2024, 360HP @ 2200 RPM, 1150 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 359 Peak HP (Max)
TRANSMISSION, AUTOMATIC:	(Allison 3000 RDS) 6th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 80,000-lb GVW and GCW Max, On/Off Highway
CLUTCH:	Omit Item (Clutch & Control)
AXLE, FRONT NON-DRIVING:	(Meritor MFS-20-133A) Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, SINGLE:	(Dana Spicer S30-190D) Single Reduction, 30,000-lb Capacity, Driver Control Locking Differential, W Wheel Ends Gear Ratio: 6.14
CAB:	Conventional, Day Cab
TIRE, FRONT:	(2) 315/80R22.5 Load Range L X WORKS Z (MICHELIN), 485 rev/mile, 68 MPH, All-Position
TIRE, REAR:	(4) 315/80R22.5 Load Range L HAU 3 WT (CONTINENTAL), 480 rev/mile, 68 MPH, All-Position
SUSPENSION, REAR, SINGLE:	31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Rubber Springs
PAINT:	Cab schematic 100WK Location 1: 5047, Green (Prem) Chassis schematic N/A

INTERNATIONAL

Contract # 032824-NVS

International Motors, LLC is pleased to provide you with this proposal compliant with all terms of the Sourcewell Vehicles and Chassis Contract #032824-NVS awarded formerly to Navistar, Inc now International Motors, LLC for new International truck(s). If you have any questions regarding enrollment in Sourcewell or detailed contract terms and conditions, please see your local International Dealer sales representative.

	PROPOSAL PREPARED FOR:	PROPOSAL PREPARED BY:
Sourcewell Member:		
Contact:		
Address:		
City/State/Zip:		
Phone:		
Email:		

Proposal Number	19167
Date	10/1/2025
Quantity of this Specification	
Single Sourcewell Transaction Total Volume	

Chassis				
New 2026 International HV507 4x2 Chassis			$	183,089.00
Base Chassis List		$ 122,474.00		
Options List		$ 60,615.00		
Sourcewell Contract Discount		30.1%	$	(55,186.73)
Volume Incentive			$	-
Material Price Increases			$	-
Net Sourcewell Chassis Price			$	127,902.27
Sourcewell Partner Body				
TENCO 12M-10-ES ALL SEASON			$	168,388.00
DUAL REAR LIGHTS $580 COMPLETE BODY GREASE MANIFOLD $1680			$	2,180.00
Handling Fee			$	-
Non-Sourcewell Dealer Supplied Body				
			$	-
			$	-
Handling Fee		5.00%	$	-
Additional Post Build Work				
			$	-
			$	-
			$	-
Handling Fee		5.00%	$	-
Service Contracts				
CUMMINS 60 MONTH/100,000 MLES PP1 AND AFTERTREATMENT			INC	
EXTENDED VEHICLE COVERAGE 60 MONTH/100,000 MILES			INC	
			$	-
Additional Freight				
			$	-
			$	-
Additional Floorplan				
Fee Can Be Waived if paid on arrival to body builder			$	4,200.00
			$	-
Additional Fees & Taxes				
Federal Govt Policy-Tariff			$	3,200.00
			$	-
			$	-
Final Sourcewell Per Vehicle Price FOB			$	305,870.27
Final Sourcewell Total Vehicle(s) Price			$	305,870.27

Additional Sourcewell Qualified Content	
Silver Package Award	$1,200

Terms.

[redacted]


37
36

Kimberly Allen

From: Mark Wujtewicz
Sent: Thursday, December 18, 2025 11:00 AM
To: Kimberly Allen
Subject: RE: PZC FY27 Budget

Hi Kim,
Yes. These vehicles should be replaced in FY27.

Thanks,
Mark Wujtewicz
Planner
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385
Phone: 860-444-5813
Fax: 860-444-5879

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From: Kimberly Allen <kallen@waterfordct.org>
Sent: Thursday, December 18, 2025 10:38 AM
To: Mark Wujtewicz <mwujtewicz@waterfordct.org>
Subject: RE: PZC FY27 Budget

Mark,

Planning also has 2 cars on the fleet plan that are up for replacement (Car A3 and A10). Are you still asking for them to be replaced in FY27 or can they be pushed out a couple of years?

Kimberly Allen
Director of Finance
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385
kallen@waterfordct.org
860.444.5840

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From: Mark Wujtewicz <mwujtewicz@waterfordct.org>
Sent: Wednesday, December 17, 2025 11:53 AM
To: Kimberly Allen <kallen@waterfordct.org>
Subject: PZC FY27 Budget

Good Morning Kim,
The PZC FY27 Budget along with minutes and revenue attached.

I'm working on Building and EDC.

Please let me know if you need anything else.

Thanks,
Mark Wujtewicz
Planner
Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385
Phone: 860-444-5813
Fax: 860-444-5879

Town of Waterford CONNECTICUT

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Vehicles Report

Town of Waterford - Public Works

5 records

Report generated on 12/18/2025 10:42 AM by Kimberly Allen

Filters

Vehicle Group is any of or any subgroup of: PZ/BH

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2028502	A10	PZ/BH	2011	Ford	Escape	Passenger/Admin	36715.0	mi	Active	1FMCU9C7XBKA75810	112WFD	0.1
2028503	A3	PZ/BH	2011	Ford	Fusion	Passenger/Admin	66960.0	mi	Active	3FAHP0JGXBR129270	103WFD	0.08
2028504	A6	PZ/BH	2012	Ford	Fusion Hybrid	Passenger/Admin	28565.0	mi	Active	3FADP0L38CR322155	128WFD	0.36
2028505	A7	PZ/BH	2012	Ford	Fusion Hybrid	Passenger/Admin	99570.0	mi	Active	3FADP0L3XCR187566	107WFD	0.1
2028506	A9	PZ/BH	2012	Ford	Fusion Hybrid	Passenger/Admin	50190.0	mi	Active	3FADP0L31CR187567	111WFD	0.23

Service History by Vehicle

Town of Waterford - Public Works

6 records

Report generated on 12/18/2025 10:45 AM by Kimberly Allen

Filters

Time Frame: Jul 1, 2025 - Dec 18, 2025 **Vehicle Groups:** Pz/Bh

Labor Cost	Parts Cost	Total Cost
$1,064.23	$854.92	$1,919.15

Vehicle

A10

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38943981	07/25/2025 1:30 PM	07/25/2025 2:30 PM	1 hr 0 mins		36,715 mi	Rear Brake Linings Inspect	Brake noise	$41.88	$0.00	$41.88
38449429	07/08/2025 10:30 AM	07/10/2025 2:00 PM	2 days 3 hrs 30 mins		36,630 mi	Battery Test • Preventative Maintenance	Car is dead - won't start	$167.52	$25.61	$193.13
							Total Amount	$209.40	$25.61	$235.01

Vehicle

A3

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38610407	07/16/2025 1:30 PM	07/17/2025 9:30 AM	20 hrs 0 mins		66,960 mi	Preventative Maintenance • A/C Diagnostics • Module Reporgraming	Oil Change Light • Windshield Wipers don't work	$125.64	$31.19	$156.83
							Total Amount	$125.64	$31.19	$156.83

Vehicle

A6

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38936291	07/21/2025 2:00 PM	07/25/2025 12:00 PM	3 days 22 hrs 0 mins		28,565 mi	Preventative Maintenance • Front Brake Pads & Rotor Replacement • Engine Diagnosis	Left Blinker & Oil Change L...	$335.04	$132.93	$467.97
							Total Amount	$335.04	$132.93	$467.97

Vehicle

A7

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39571135	08/08/2025 1:30 PM	08/11/2025 9:00 AM	2 days 19 hrs 30 mins		99,570 mi	Preventative Maintenance • door handle replacement	Door Handle & Oil Change Light	$100.99	$58.88	$159.87
							Total Amount	$100.99	$58.88	$159.87

Vehicle

A9

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42463681	11/06/2025 1:30 PM	11/12/2025 9:00 AM	5 days 19 hrs 30 mins		50,190 mi	Preventative Maintenance • Steering System Inspect • Tire Replacement • Electrical diagnostics	Sensor Light's On, Due for ...	$293.16	$606.31	$899.47
							Total Amount	$293.16	$606.31	$899.47

FLEET Asset ID	DO NOT REPLACE	Agency Name	Assigned To	Repl. Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manufacturer	Model	Age in Years
W-93		Sta. 3 Goshen		30	BOAT (FIRE)	2007	06/29/07	103,334	Lake Assault	Boat	18
W-23		Sta. 2 Quaker Hill		25	BRUSH TRUCK (FIRE)	2006	7/1/2006	125245	Ford	Brush	19
W-43		Sta. 4 Oswegatchie		25	BRUSH TRUCK (FIRE)	2006	06/06/06	125,245	Ford	Brush	19
W-53		Sta. 5 Cohanzie		25	BRUSH TRUCK (FIRE)	2009	5/12/2009	95,854	Ford	Brush	16
(Q115)		FD Admin	Fire Insp.	8	SUV	2015	6/19/2015	33333	Ford	Explorer	10
(Q85)		FD Admin	Fire Dir.	8	SUV	2016	2/26/2016	43884	Ford	Explorer	9
		FD Admin	Asst	15	Pick-Up (Fire)						
(Q55)		FD Admin	Fire Mar.	10	Pick-up(fire)	2013	11/16/2012	31620	Ford	F150	12
A-19		EOC	EM Dir.	12		2006	2/1/2006	44076	Ford	F350	19
W-16		Sta. 1 Jordan		12	UTILITY UNIT (FIRE)	2018	3/1/2018	49368	Ford	F350	7
W-26		Sta. 2 Quaker Hill		15	UTILITY UNIT (FIRE)	2021	8/15/2023	64000	Ford	F350	4
W-36		Sta. 3 Goshen		20	UTILITY UNIT (FIRE)	2007	08/29/06	36,973	Ford	F350	18
W-46		Sta. 4 Oswegatchie		12	UTILITY UNIT (FIRE)	2020	12/18/20	59,841	Ford	F350	5
W-56		Sta. 5 Cohanzie		15	UTILITY UNIT (FIRE)	2011	10/12/2010	47426	Ford	F350	14
W-34		Sta. 3 Goshen		20	UTILITY UNIT (FIRE)	2012	03/01/12	58,114	Ford	F450	13
W-15		Sta. 1 Jordan		20	LADDER/AERIAL FIRE	2016	07/28/17	998,854	Pierce	Ladder	9
W-55		Sta. 5 Cohanzie		20	LADDER/AERIAL (FIRE)	2004	12/29/2004	650446	Sutphen	Ladder	21
W-11		Sta. 1 Jordan		18	1500 GPM PUMPER (FIRE)	2014	12/05/14	458,400	Typhoon	Pumper	11
W-21		Sta. 2 Quaker Hill		25	1500 GPM PUMPER FIRE)	2006	10/2/2006	396447	Ferrara	Pumper	19
W-31		Sta. 3 Goshen		18	1500 GPM PUMPER (FIRE)	2014	07/25/13	486,826	KME	Pumper	11
W-32		Sta. 3 Goshen		18	1500 GPM PUMPER (FIRE)	1998	02/23/99	307,935	Spartan	Pumper	27
W-41		Sta. 4 Oswegatchie		18	1500 GPM PUMPER (FIRE)	2018	08/15/18	537,205	Spartan	Pumper	7
W-42		Sta. 4 Oswegatchie		25	1500 GPM PUMPER (FIRE)	2007	05/14/08	416,793	Seagrave	Pumper	18
W-51		Sta. 5 Cohanzie		18	1500 GPM PUMPER (FIRE)	2016	4/11/2016	563,200	E-one	Pumper	9
W-57		Sta. 5 Cohanzie		20	SPECIALTY UNIT (FIRE	2010	10/5/2010	511983	Ferrara	Rescue	15
W-25		Sta. 2 Quaker Hill		18	1500 GPM PUMPER (FIRE)	2016	6/17/2016	773695	Spartan	Telesquirt	9
W-94		Sta. 3 Goshen		20	ATV						

Serial #	2026	2027	2028	2029	2030	Prev Miles	Current Mileage 11/2025	Variance		Prev Hours	Current Hours 11/2025	Variance
LKKGFD93G707						xxxx	xxxx					
1FDAX57P86ED51763		PUSH INDEF.				8,374	8,591	217				
1FDAX57P66ED51762		$ 226,206.00	DNR/PUSH INDEF			12,834	13,250	416				
1FDAW57R29EA35364			$ 315,000.00			10,449	10,830	381				
1FM5K8AR6FGB52372										3,287	4,664	1,377
1fmju1jt9gef29608	$ 64,000.00									2,866	3,773	907
		$ 65,000.00										
1FTFW1EFXDKD31481										1,180	1,448	268
1FDWW31P76EB60910										3,503	3,704	201
1FT8W3B62JEC10625						22,833	25,845	3,012		1,329	1,359	30
		PUSH 3 Years				2,150	4,349	2,199		3,539	1,227	(2,312)
1FTWW31P17EA67953		$ 74,000.00				53,206	59,787	6,581			252	252
		PUSH 3 Years				15,127	21,119	5,992		1,539	1,964	425
1FT8X3BT6BEA81633		$ 73,700.00				52,224	58,338	6,114		4,295	4,525	230
1FDUF4HT2CEA51122						9,183	10,160	977		701	????	
4P1BCAGF1GA016140		PUMPER?				32,844	42,243	9,399		2,355	2,593	238
1S9A7LLD442003078	$ 200,000.00	$ 1,000,000.00	$ 1,000,000.00			44,812	44,812	-		822	1,362	540
4EN6AAA80E1008750						38,156	54,031	15,875		4,831	4,668	(163)
1F94047266H140373			$ 925,000.00			35,488	37,409	1,921		1,294	1,343	49
1K9AF4281EN058620						16,669	21,201	4,532		566	808	242
4S7AT419XWC026143						39,230	?????			2,461	3,930	1,469
4S7CT2D92JC085317						9,105	15,198	6,093		1,419	1,482	63
1F9ES28T97CST2165							51,779	51,779		4,819	5,008	189
4EN6AAA8XG1009830						30,589	49,167	18,578			????	
1F9505328AH140755							31,894	31,894		2,512	3,212	700
4S7AV2E94FC080868						57,450	9,345	(48,105)		1,139	1,219	80
		1438906										
	$264,000.00	$1,212,700.00	$2,240,000.00									
	FY26 Total	FY27 Total	FY28Total									
	Fleet Total	*$3,716,700.00*										

Vehicles Report

Town of Waterford - Public Works

27 records

Report generated on 12/29/2025 1:50 PM by Kimberly Allen

Filters

Fire

Vehicle Group is any of or any subgroup of: COH FD,FIRE MARSHAL,GOS FD,JOR FD,OSW FD,QH FD

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2095546	5KTBS1911JF543838	GOS FD	2018	Caravan	boat trailer	TRAILER (boat)	0.0	mi	Active	5KTBS1911JF543838	120WFD	
2095545	Boat Trailer	GOS FD	2017	Shore Lander	Boat Trailer	TRAILER (FIRE)	0.0	mi	Active	1MDAVA121HA609182	1957	
2028407	Q115	FIRE MARSHAL	2015	Ford	Explorer	SUV	80740.0	mi	Active	1FM5K8AR6FGB52372	115WFD	0.14
3752517	Q55	FIRE MARSHAL	2024	Ford	F-150	Truck	7420.0	mi	Active	1FTFW3L54RKE93930		0.3
4406360	Q85	FIRE MARSHAL	2025	Ford	Explorer	SUV	475.0	mi	Active	1FMUK8DH2SGC32521	85WFD	
2028417	W11	JOR FD	2014	E-ONE	Truck	Truck	51829.0	mi	Active	4EN6AAA80E1008750	20WFD	3.19
2028418	W15	JOR FD	2016	Pierce	Aerial	Truck	20939.0	mi	Active	4P1BCAGF1GA016140	1454	
2028406	W16	JOR FD	2018	Ford	F-350 Super Duty	Truck	24985.0	mi	Active	1FT8W3B62JEC10625	334WFD	0.1
2028507	W21	QH FD	2006	Ferrara	Igniter Custom Pumper (diesel)	1500 GPM PUMPER (FIRE)	32875.0	mi	Active	1F94047266H140373	39WFD	
2028508	W23	QH FD	2006	Ford	F-550 Super Duty	Truck	7928.0	mi	Active	1FDAX57P86ED51763	1025	
2028509	W25	QH FD	2015	Spartan	Gladiator	Truck	9727.0	mi	Active	4S7AV2E94FC080868	331WFD	58.99
3144502	W26	QH FD	2022	Ford	F-350 Super Duty	PICK UP	3984.0	mi	Active	1FT8W3B63NEE22570		0.21
2028411	W31	GOS FD	2014	KME Custom	Pumper (diesel)	1500 GPM PUMPER (FIRE)	20938.0	mi	Active	1K9AF4281EN058620	30WFD	4.18

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2028412	W32	GOS FD	1998	Spartan	Gladiator	Truck	29310.0	mi	Active	4S7AT419XWC026143	334WFD	
2028413	W34	GOS FD	2012	Ford	F-450 Super Duty	Truck	9971.0	mi	Active	1FDUF4HT2CEA51122	133WFD	3.72
2028414	W36	GOS FD	2007	Ford	F-350 Super Duty	Truck	60008.0	mi	Active	1FTWW31P17EA67953	335WFD	0.45
2028419	W41	OSW FD	2018	Spartan	Metro Star	Truck	44711.0	mi	Active	4S7CT2D92JC085317	341WFD	
2028420	W42	OSW FD	2007	Seagrave	1,500 Marauder Pumper (diesel)	1500 GPM PUMPER (FIRE)	50500.0	mi	Active	1F9ES28T97CST2165	342WFD	4.3
2028421	W43	OSW FD	2006	Ford	F-550 Super Duty	Truck	13304.0	mi	Active	1FDAX57P66ED51762	343WFD	1.19
2844728	W46	OSW FD	2020	Ford	F-350 Super Duty	Car	20560.0	mi	Active	1FT8W3B66LED86628	46WFD	0.11
2028401	W51	COH FD	2016	E-ONE	Truck	Truck	46000.0	mi	Active	4EN6AAA8XG1009830	346WFD	4.71
2028402	W53	COH FD	2009	Ford	F-550 Super Duty	Truck	10663.0	mi	Active	1FDAW57R29EA35364	347WFD	0.63
2028403	W55	COH FD	2004	SUTPHEN	Ladder Truck (diesel)	TOWER LADDER/AERIAL (FIRE)	34082.0	mi	Out of Service	1S9A7LLD442003078	348WFD	
2028404	W56	COH FD	2011	Ford	F-350 Super Duty	Truck	58270.0	mi	Active	1FT8X3BT6BEA81633	349WFD	0.16
2028405	W57	COH FD	2010	Ferrara Igniter Custom	Rescue Truck (diesel)	SPECIALTY UNIT (FIRE)	31909.0	mi	Active	1F9505328AH140755	350WFD	2.15
2028415	W93	GOS FD	2007	Lake Assault	24' Landing Craft	BOAT (FIRE)	0.0	mi	Active	LKKGFD93G707	N/A	
2028416	W94	GOS FD				ATV EMS Utility Unit	218.0	mi	Active		N/A	

Service History by Vehicle

Town of Waterford - Public Works

16 records

Report generated on 12/29/2025 1:53 PM by Kimberly Allen

Filters

Fire

Time Frame: Jul 1, 2025 - Dec 29, 2025 **Vehicle Groups:** Osw Fd, Qh Fd, Fire Marshal, Jor Fd, Coh Fd, Gos Fd

Labor Cost	Parts Cost	Total Cost
$36,604.87	$30,123.16	$67,711.88

Vehicle

Q115

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40951385	09/24/2025 1:30 PM	09/25/2025 1:30 PM	1 day 0 hrs 0 mins		80,740 mi	Preventative Maintenance • Tire Replacement • Rear Disc and Pad Replacement	PM service / tires	$251.28	$800.24	$1,051.52
							Total Amount	$251.28	$800.24	$1,051.52

Vehicle

Q55

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42072783	10/28/2025 11:00 AM	10/30/2025 8:00 AM	1 day 21 hrs 0 mins		7,420 mi	Preventative Maintenance • Module Reporgraming	PM	$586.32	$48.87	$635.19
							Total Amount	$586.32	$48.87	$635.19

Vehicle

W11

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42077384		10/09/2025 5:00 PM				Admin/Misc Charges • Battery Cable Inspect • Battery Cable Inspect, Battery to Starter		$0.00	$0.00	$296.35
39838854		08/19/2025		Courville's Garage	51,829 mi	Shop Supplies • Admin/Misc Charges • Tie Rod End Replacement • Fire Apparatus Prevenative Maintenance • Admin/Misc Charges • DOT Inspection • Fire Pump Service		$6,217.88	$3,561.27	$9,779.15
							Total Amount	$6,217.88	$3,561.27	$10,075.50

Vehicle

W25

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42077639		10/09/2025			9,727 mi	Heater Hose Inspect • Admin/Misc Charges • DOT Inspection		$521.10	$5.00	$559.10
							Total Amount	$521.10	$5.00	$559.10

Vehicle

W26

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38226382	07/01/2025 11:45 AM	07/01/2025 12:49 PM	1 hr 4 mins		3,984 mi	Exterior Mirror Replacement	DS mirror	$8.62	$37.74	$46.36
							Total Amount	$8.62	$37.74	$46.36

Vehicle

W31

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40540414		09/10/2025		Courville's Garage	20,938 mi	Admin/Misc Charges • Battery Replacement • Tie Rod End Replacement • Fire Apparatus Prevenative Maintenance • Admin/Misc Charges • Fire Pump Service • DOT Inspection		$5,424.56	$4,809.39	$10,233.95
40271909		09/03/2025		Courville's Garage	20,926 mi	Admin/Misc Charges • Cab Tilt System Inspect		$1,023.22	$226.23	$1,249.45
							Total Amount	$6,447.78	$5,035.62	$11,483.40

Vehicle

W36

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43036271	12/01/2025 2:30 PM	12/05/2025 12:00 PM	3 days 21 hrs 30 mins		60,008 mi	Preventative Maintenance • A/C Diagnostics • Tire Replacement • Engine Drive Belt Replacement • Module Reporgraming	Service Request W36	$670.08	$2,545.29	$3,215.37
							Total Amount	$670.08	$2,545.29	$3,215.37

Vehicle

W42

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38868753		07/24/2025		Courville's Garage	50,500 mi	Tie Rod End Replacement • Exhaust Pipe Replacement • STEERING U-JOINT • Rear Brakes & Drums • Door latch replacement • Air Conditioning System Inspect • DOT Inspection • Admin/Misc Charges		$5,419.60	$2,940.86	$8,696.96
38536153		07/02/2025 4:00 PM		Bulldog Fire Apparatus - Bozrah Location	50,174 mi	door hinge replacement • Fire Pump Service • Fire Apparatus Prevenative Maintenance • Fire Pump Service • Air Conditioning System Inspect • Brake Inspection • Rear Suspension-Spring Replacement • Warning lighting Installation • Fire Pump Service • Fire Pump Service • Fire Pump Testing		$8,675.70	$4,663.99	$13,339.69

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
							Total Amount	$14,095.30	$7,604.85	$22,036.65

Vehicle

W43

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43352458	12/08/2025	12/14/2025	6 days		13,304 mi	Engine Diagnosis • Preventative Maintenance • Fuel Injector Replacement • Battery Replacement		$351.55	$1,011.03	$1,362.58
							Total Amount	$351.55	$1,011.03	$1,362.58

Vehicle

W46

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41394502	10/09/2025 9:30 AM	10/09/2025 2:30 PM	5 hrs 0 mins		20,560 mi	Preventative Maintenance • Module Reporgraming	PM	$125.64	$45.62	$171.26
							Total Amount	$125.64	$45.62	$171.26

Vehicle

W51

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39558277		08/07/2025		Courville's Garage	46,000 mi	Admin/Misc Charges • Admin/Misc Charges • Front Suspension (Miscellaneous) • DOT Inspection • Switch bank replacement • Air Conditioning System Inspect		$5,969.96	$3,401.21	$9,689.17

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38551504		07/11/2025		Pete's Tire Barns	45,348 mi	Tire Replacement		$438.00	$4,133.00	$4,571.00
							Total Amount	$6,407.96	$7,534.21	$14,260.17

Vehicle
W56

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41882465	10/15/2025 12:30 PM	10/23/2025 2:00 PM	8 days 1 hr 30 mins		58,270 mi	Body Fasteners Inspect • DIAG Check Engine Light • TPMS Sensor Replacement • Tie Rod End Replacement • Preventative Maintenance • Tire Replacement	Body mount	$921.36	$1,893.42	$2,814.78
							Total Amount	$921.36	$1,893.42	$2,814.78

TOWN OF WATERFORD
FLEET MANAGEMENT PLAN - VEHICLES
FISCAL YEARS 2027 - 2031

TOTAL NO. OF 161

													Number Vehicles to be Replaced	10	19	5	4	1		
													Total Budget	1,101,785	3,092,489	734,606	269,905	200,000		
FLEET Asset ID	TOWN Asset ID	License Plate No.	DO NOT REPL	Agency Name	Vehicle Assigned to:	Repl Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf.	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date
A1	101893	1-WFD		FIRST SELECTMAN	First Selectman (Brule)	10	SUV	2020	08/10/20	$33,254	Ford	Explorer	1FM5K8AB5LGB85362						159,028	
BOE1	008900	24WFD		Board of Ed	Maintenance (Kyle Stoddard)	10	PICK UP	2022	07/20/22	$56,324	Ford	F-350	1FDRF3B63NEE25324						135,121	
BOE2	BOE2	23WFD		Board of Ed	Maintenance (Tom Thurlow)	10	EXPRESS VAN (BOX TRUCK)	2020	11/10/20	$44,445	Chevrolet	Express Van	1HA6GVCGXLN009190						11,851	
BOE3	500009	25WFD		Board of Ed	Maintenance (Jon Tillinghast)	10	PICK UP	2013	11/04/13	$46,104	GMC	Sierra K3500	1GD322CGXDF166536	89,000					87,537	1,295.82
BOE5	008850	27WFD		Board of Ed	Maintenance (Kevin VanCleave)	10	VAN	2011	01/20/11	$18,425	Ford	E250 Van	1FTNE2EWXBDA45393	55,000					110,000	1,125.93
BOE6	500132	28WFD		Board of Ed	Maintenance	10	PICK UP	2018	05/09/18	$48,686	Chevrolet	SILVERADO 4WD CREW CAB	1GC0KYEGXJZ309213		65,000				54,015	
BOE7	500038	29WFD		Board of Ed	Maintenance (Steve Kowalski)	10	PICK UP	2015	12/31/14	$44,396	Chevrolet	Silverado K350	1GC5KYCG5FZ508430		89,000				51,930	3,555.21
BOE8	8922	30WFD		Board of Ed	Maintenance (Dan Morris)	15	MEDIUM DUTY DUMP	2024	09/25/24	$68,282	Ford	F350	1FTRF3BA1REC10734		89,000					
BOE9	500039	117WFD		Board of Ed	Maintenance (Dan Kamercia)	10	PICK UP	2015	01/09/15	$46,037	Chevrolet	Silverado K350	1GB0KYEG7FZ510434		91,000				97,647	
BOE11 (old)			DNR	Board of Ed		10					KAWASAKI	MULE OFF ROAD UTILITY VEHICLE	JK1AFDA132B5077						83,927	
BOE12	500168	AG56629		Board of Ed		10	7-Passenger Mini-Van	2019	06/11/19	$21,743	Dodge	Caravan 4-Wheel Drive Wagon	2C4RDGBGXKR664913						175,258	5,482.42
BOE13 (NEW)				Board of Ed		10	7-Passenger Mini-Van	2025		45,890	Dodge	Chrysler Pacifica	2C4RC3BG6SR563329							
BOE13	500135	S2065S		Board of Ed		5	7-Passenger Mini-Van	2017	01/10/18		Dodge	Caravan 4-Wheel Drive Wagon	2C4RDGBG9HR694588						93,449	175.55
BOE14	500204	AE4880		Board of Ed		5	7-Passenger Mini-Van	2019	02/26/20	$21,394	Dodge	Grand Caravan	2C4RDGBG2KR762860		46,500				55,472	
BOE15	500206	AV06119		Board of Ed		5	7-Passenger Mini-Van	2020	09/21/21	$28,501	Chrysler	Voyager Van	2C4RC1CGXLR150706				45,000		22,251	
A20	101197	104-WFD		Board of Ed	Courier	10	CAR - HYBRID	2012	09/18/12	$27,238	Ford	Fusion Hybrid	3FADP0L31CR322157						121,479	7,455.42
W-51	101405	346WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	2016	04/11/16	$563,200	E-One	Custom Pumper (diesel)	4EN6AAA8XG1009830						49,167	25,888.00
W-53	100515	347WFD		FIRE SERVICES		20	BRUSH TRUCK (FIRE)	2009	05/12/09	$95,854	Ford	Super Duty F-550 (diesel)	1FDAW57R29EA35364		315,000				10,449m/ 1419 hrs	2,943.00

TOWN OF WATERFORD
FLEET MANAGEMENT PLAN - VEHICLES
FISCAL YEARS 2027 - 2031

TOTAL NO. OF 161

														Number Vehicles to be Replaced	10	19	5	4	1		
														Total Budget	1,101,785	3,092,489	734,606	269,905	200,000		
FLEET Asset ID	TOWN Asset ID	License Plate No	DO NOT REPL	Agency Name	Vehicle Assigned to	Repl Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf.	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage For Usage Hours	Total Repair Costs to Date
W-55	100079	348WFD		FIRE SERVICES		20	TOWER LADDER/AERIAL (FIRE)	2004	12/29/04	$650,446	SUTPHEN	Ladder Truck (diesel)	1S9A7LLD442003078					200,000	44,812m/ 4816 hrs	130,590.00
W-56	101012	349WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2011	10/12/10	$47,426	Ford	F350 (diesel)	1FT8X3BT6BEA81633				73,700		58,338/ 4525	4,925.00
W-57	101011	350WFD		FIRE SERVICES		20	SPECIALTY UNIT (FIRE)	2010	10/05/10	$511,983	Ferrara Inferno Custom	Rescue Truck (diesel)	1F9505328AH140755						148,795m/ 2512 hrs	27,764.00
W-16	101615	344WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2018	03/01/18	$49,368	Ford	F350 4x4 crew cab	1FT8W3B62JEC10625						22,833m/ 1180 hrs	-
Car 115 (Q115)	101354	115WFD		FIRE SERVICES	Fire Inspector (Bauch)	8	SUV	2015	06/18/15	$33,333	Ford	Explorer	1FM5K8AR6FGB52372						37,500	517.00
A2	101409	42WFD		PUBLIC WORKS	Gary Schneider	8	SUV	2016	02/26/16	$43,884	Ford	EXPEDITION	1FMJU1JT9GEF29608						118,000	3,001.00
Car 85 (Q85)	101717	85WFD		FIRE SERVICES	Director of Fire Services	8	SUV	2025	09/29/25	$49,950	Ford	Explorer	1FMUK8DH2SGC32521						10	
NEW REQUEST				**FIRE SERVICES**	**ASST Director**		**PICKUP (FIRE)**								60,000					
Car 55 (Q55)	101203	55WFD		FIRE SERVICES	Fire Marshall (Dubicki)	10	PICKUP (FIRE)	2024	02/19/25	$62,826	Ford	F150 PICKUP (with cab, lights, decals)	1FTFW3L54RKE93930						0	-
W-31	101236	30-WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	2014	07/25/13	$486,826	KME Custom	Pumper (diesel)	1K9AF4281EN058620						16,669mi/ 1539 hrs	20,118.00
W-32	100203	334WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	1998	02/23/99	$307,935	Spartan	1,500 GPM Pumper (diesel)	4S7AT419XWC026143						39,230m/ 4295 hrs	46,174.00
W-34	101127	133WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2012	03/01/12	$58,114	Ford	F450 (diesel)	1FDUF4HT2CEA51122						9,183 m/ 701hrs	2,478.00
W-36	100310	335WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2007	08/29/06	$36,973	Ford	F350 pickup (diesel)	1FTWW31P17EA67953				74,000		59,787/ 6581	28,319.00
W-93	100376	N/A		FIRE SERVICES		30	BOAT (FIRE)	2007	06/29/07	$103,334	Lake Assault	24' Landing Craft	LKKGFD93G707						1139mi/ 1028 hrs	11,410.00
W-94		N/A		FIRE SERVICES		20	ATV EMS Utility Unit	2021		$25,891	CamAm	9HMA	3JB7VAX42MK000520						218m/ 20 hrs	-
W-11	101321	20WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	2014	12/05/14	$458,400	Typhoon	1,500 GPM Pumper (diesel)	4EN6AAA80E1008750						38,156m/ 3287 hrs	34,021.00
W-15	101536	15WFD		FIRE SERVICES		20	TOWER LADDER/AERIAL (FIRE)	2016	07/28/17	$998,854	Pierce	Arrow XT Ladder Truck (diesel)	4P1BCAGF1GA016140						32,844m/ 2966 hrs	63,610.00
W-41	101809	341WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	2018	08/15/18	$537,205	Spartan	Pumper (diesel)	4S7CT2D92JC085317						9,105mi/ 822 hrs	11,901.00
W-42	100433	342WFD		FIRE SERVICES		20	1500 GPM PUMPER (FIRE)	2007	05/14/08	$416,793	Seagrave	1,500 Marauder Pumper (diesel)	1F9E528T97CST2165						437,720 mi/ 4831 hrs	59,195.00
W-43	100256	343WFD		FIRE SERVICES		20	BRUSH TRUCK (FIRE)	2006	06/06/06	$125,245	Ford	F550 Brush Truck (diesel)	1FDAX57P66ED51762						13,250	13,930.00
W-46	101964	340WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2020	12/18/20	$59,841	Ford	F-350 (Gas) Pick-Up	1FT8W3B66LED86628						15,127mi/ 566 hrs	840.00

TOWN OF WATERFORD
FLEET MANAGEMENT PLAN - VEHICLES
FISCAL YEARS 2027 - 2031

TOTAL NO. OF 161

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FLEET Asset ID	TOWN Asset ID	License Plate No	DO NOT REPL	Agency Name	Vehicle Assigned to	Repl Cycle in Years	Class Description	Asset Model Year	In Service Date	Gross Vehicle Cost	Manuf	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date
W-21	100311	39WFD		FIRE SERVICES		20	1500 GPM PUMPER (FIRE)	2006	10/02/06	$396,447	Ferrara	Igniter Custom Pumper (diesel)	1F94047266H140373						35,488mi/ 3503 hrs	52,483.00
W-23	100257	1025		FIRE SERVICES		20	9RUSH TRUCK (FIRE)	2006	07/01/06	$125,245	Ford	F550 Brush Truck (diesel)	1FDAX57P86ED51763						10,830	15,545.00
W-25	101432	331WFD		FIRE SERVICES		18	1500 GPM PUMPER (FIRE)	2015	06/17/16	$773,695	Spartan	TeleSquirt Pumper (diesel)	457AV2E94FC080868						57,450m/ 3539 hrs	24,603.00
W-26	102234	333WFD		FIRE SERVICES		12	UTILITY UNIT (FIRE)	2022	08/15/23	$64,000	Ford	F350 Sup	1FT8W3B63NEE22570						2150 mi	
ATV 1	100439	N/A		POLICE		12	ALL TERRAIN VEHICLE	2007	06/11/08	$5,845	KAWASAKI	ROAD UTILITY VEHICLE	JK1AFEA127B534391							674.73
ATV 2	101516	G4737		POLICE		10	ALL TERRAIN VEHICLE	2017	06/14/17	$6,044	POLARIS	ATV	4XASEA571HA071534							974.52
ATV 3	101517	G6071		POLICE		10	ALL TERRAIN VEHICLE	2017	06/14/17	$6,044	POLARIS	A17SEA57A5 ATV	4XASEA571HA085837							1,079.93
A20	101886	377MHN		POLICE	Patrol	10	SUV	2020	04/06/20	$51,367	Chevrolet	Tahoe	1GNSKDEC3LR376340						125,039/ 15,006	2,446.49
CAR 1 (NEW)				POLICE		10	SUV	2025			Chevrolet	Tahoe	1GNS6UEDXSR403449							
CAR 2 (old Car 17)	101807	2WFD	DNR	POLICE	Patrol (Road Jobs only)	8	SUV	2019	04/25/19	$45,913	Ford	Explorer	1FM5K8AR6KGB14599						113,815/ 15,090	3,819.00
CAR 3	101660	3WFD		POLICE	Patrol	8	SUV	2025	01/31/25	$45,739	Ford	Interceptor Utility	1FM5K8AB7SGA05204						94,555/ 12,133	8,511.00
CAR 4	102238	4WFD		POLICE	Patrol	5	SUV	2022	07/12/22	$34,685	Ford	Interceptor Utility	1FM5K8AB3NGA27556						74,974/ 5,759	6,902.81
CAR 5	101971	5WFD		POLICE	Patrol	8	SUV	2021	03/11/21	$48,005	Ford	Interceptor Utility	1FM5K8AB2MGA64581	83,778					94,555m/ 12,133hrs	8,511.00
CAR 6	102346	6WFD		POLICE	Patrol	8	SUV	2023	01/29/24	$59,358	Chevrolet	Tahoe	1GNSKLED1PR471751						54,107/ 5,219	
CAR 7	102403	7WFD		POLICE	Patrol (K9)	8	SUV	2023	08/28/24	$72,625	Ford	Explorer Police AWD	1FM5K8AB5PGB12286						14,483/ 2,174	
CAR 8	101887	8WFD	101505	POLICE		8	SUV	2025			Chevrolet	Tahoe	1GNS6UED0SR403279							
CAR 9	101863	9WFD		POLICE	Patrol	5	CRUISER	2023	10/07/24	$46,365	Ford	Utility Interceptor AWD (EXPLORER)	1FM5K8AB0PGB99541						18,375/ 2,073	
CAR 10	101972	10WFD		POLICE	Patrol	8	SUV	2021	03/11/21	$48,005	FORD	Interceptor Utility	1FM5K8AB4MGA64582	83,778					123,583m/ 14,003 hrs	12,879.00
CAR 11	101973	11WFD		POLICE	Patrol	5	SUV	2021	03/11/21	$48,005	FORD	Interceptor Utility	1FM5K8AB6MGA64583	83,778					95,329m/ 13,572hrs	9,966.00
CAR 12	101664	12WFD		POLICE	Patrol	5	CRUISER	2023	10/07/24	$46,365	Ford	Interceptor	1FM5K8AB4PGB99355						3,150	
CAR 13	101974	13WFD		POLICE	Patrol	5	SUV	2021	03/11/21	$48,005	Ford	Interceptor Utility	1FM5K8AB8MGA64584	83,778					126,586m/ 14,564 hrs	12,044.00
CAR 14	102354	14WFD		POLICE	Patrol	5	CRUISER	2023	01/29/24	$62,718	Chevrolet	Tahoe K1500	1GNSKLED4PR276856						1,040	
CAR 15	101505	AG43371		POLICE	Traffic Officer	10	Pick-up Truck	2024			Chevrolet	Silverado	3GCUD4ED9RG388637							

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CAR 16	102347	16WFD		POLICE	Patrol	8	SUV	2023	01/29/24	$78,594	Ford	Interceptor Utility	1FM5K8AB8PGA04034						30,575/ 4,894	
CAR 17	102404	17WFD		POLICE	Patrol	8	SUV	2023	08/28/24	$74,267	Ford	Explorer	1FM5K8AB4PGB12053						30,080/ 3,809	
CAR 18	101665	18WFD		POLICE	Patrol	20	CAR	2023	10/07/24	$46,365	Ford	Utility Interceptor AWD (EXPLORER)	1FM5K8AB1PGB12169						26,730/ 3,200	
CAR 19	101975	19WFD		POLICE	Patrol	5	SUV	2021	03/11/21	$48,005	Ford	Interceptor Utility	1FM5K8ABXMGA64585	83,778					116,185m/ 15,947 hrs	10,705.00
CAR 20	102233	AB38068		POLICE	Chief	8	SUV	2022	10/07/22	$34,149	Ford	Interceptor Utility	1FM5K8AB6NGB76852						522,855/ 795	
CAR 21	102237	21WFD		POLICE	Patrol	8	SUV	2022	03/16/22	$52,962	Ford	Interceptor Utility	1FM5K8AB3NGA27430						25,895/ 2,879	11,535.81
CAR 22	101887	8WFD		POLICE	Patrol	8	SUV	2020	04/01/20	$55,196	Chevrolet	Tahoe	1GNSKDEC5LR276498						95,123/ 13,145	2,313.07
CAR 23	101507	AG79330		POLICE	Investigators	8	CAR	2017	01/31/17	$30,442	Ford	EXPLORER	1FM5K8AR5HGB83275			83,778			49,710m/ 2,114 hrs	1,266.00
CAR 24	101661	BT 16402		POLICE	Passenger/Admin	8	SUV	2023	01/09/25	$57,017	Ford	Interceptor Utility	1FM5K8AB4PGA81497						6,424/ 280	
CAR 25	102313	583UTH		POLICE	Lieutenants	8	SUV	2023	05/03/23	$47,899	Ford	Utility Interceptor AWD (EXPLORER)	1FM5K8AB4PGA04015						21,630/ 960	
CAR 26	102111	584UTH		POLICE	Chief	8	SUV	2022	02/11/22	$43,769	Ford	Utility Interceptor AWD (EXPLORER)	1FM5K8AB6NGA27373						25,525/ 1,086	
CAR 27	101474	873PJK		POLICE	Investigators	8	SUV	2017	10/17/16	$34,583	Ford	Explorer Police AWD	1FM5K8AR6HGA79474			83,778			66,913m/ 2830 hrs	855.00
CAR 28	101695	931PHE		POLICE	Patrol	8	SUV	2025	07/21/25	$60,778	Ford	Interceptor Utility	1FM5K8ABXSGB47236						276/ 14	
CAR 29 (OLD	101275	935GHH		POLICE	Patrol	5	CRUISER	2014	05/13/14	$28,158	Chevrolet	Caprice	6G3NS5R34EL958190						126,610/ 5,073	4,892.00
CAR 29				POLICE		8	SUV	2025			Chevrolet	Tahoe	1GNSKJED0SR403380							
CAR 30	101585	156MCM		POLICE	Investigators	20	SUV	2018	03/16/18	$35,981	Ford	Utility Interceptor AWD	1FM5K8AR9JGA84887						49,060 m/ 2306 hrs	1,826.00
CAR 31	101662	BT75227		POLICE	Lieutenants	8	SUV	2025	03/12/25	$49,835	Ford	Interceptor Utility	1FM5K8AB8SGA54343			83,778			3,045/ 132	
CAR 35	101253	154WFD	DNR	POLICE		10	VAN	2013	11/08/13	$59,035	Ford	Goshen Coach Pass. Bus	1FDEE3FS8DDB26949						91,503	
CAR 36	101316	AF75082	DNR	POLICE	Investigators	8	SUV	2015	10/07/14	$26,384	Ford	Explorer Police AWD	1FM5K8AR0FGA89060						70,218 mi/ 3230 hrs	3,487.00
CAR 101		54WFD	DNR	POLICE	Special Use	0	Do Not Replace	1985	04/29/13	Donated	Humvee	Vehicle (Military Surplus) (diesel)	011418						39,967	1,187.98
CV1	101421	118WFD	DNR	POLICE	(Critical Incident)	0	Do Not Replace	1998	08/23/98	$128,999	Ford	Command Vehicle (diesel)	1FDXE40F2WHB92670							

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PD2	101138	N/A		POLICE		30	Boat (Police)	2012	03/02/12	$453,878	Sea Ark Marine 2810V	28' Dauntless Ram Patrol BOAT AND PROPULSION PKG	SAMA2026H111							
A8	101381	106WFD		PUBLIC WORKS		8	SUV	2016	10/30/15	$33,554	Ford	Explorer	1FM5K8AR7GGB19608						93,000	3,322.62
A18	101505	110WFD	DNR	PUBLIC WORKS	Loaner	0		2006	01/06/26	$23,656	Ford	CROWN VICTORIA	2FAHP71W86X122289						75,201	4,397.48
H6	101830	81WFD		PUBLIC WORKS		10	PICK UP	2019	11/20/19	$40,640	Ford	F350 4X4	1FTRF3B61KEG24789						25,991	1,624.78
H9	101019	77WFD		PUBLIC WORKS		15	15-YEAR SPECIALTY UNIT	2011	11/24/10	$76,014	International	w/Platform Body	1HTMMAAL9BH388342						105,980mi/ 8200hrs	16,867.09
H10	100261T	150WFD		PUBLIC WORKS		10	Do Not Replace	2006	06/20/06	$35,655	Chevrolet	SILVERADO 2500	1GBHK24DX6E251727						196,715	
H11	101829	78WFD		PUBLIC WORKS		10	PICK UP	2019	11/12/19	$40,640	Ford	F-350 4x4	1FTRF3B68KEG24790				77,205		31,396	3,236.34
H12	9204031656	80WFD		PUBLIC WORKS		10	PICK UP	2003	01/02/03	$36,000	Ford	F450 4x2	1FDXF46F63EB17892	185,295					58,453	13,162.54
H13	101257	79WFD		PUBLIC WORKS		10	PICK UP	2014	12/06/13	$33,569	Chevrolet	Silverado	1GC0KVCGXEF154607						62,185	11,701.72
H14	101340	32WFD		PUBLIC WORKS		10	DPW-MEDIUM DUTY DUMP	2015	02/09/15	$140,270	International	Tarco T2000 S/S	1HTMMAAL8FH734287						42,884 mi/ 4500hrs	27,196.31
H15	101344	129WFD		PUBLIC WORKS		10	DPW-MEDIUM DUTY DUMP	2015	03/27/15	$140,270	International	Tarco T2000 S/S	1HTMMAALXFH734288	262,445					49,805/ 5302	30,383.68
H16	101506	123WFD		PUBLIC WORKS		10	DPW-MEDIUM DUTY DUMP	2018	04/18/17	$171,927	FREIGHTLINER	114SD DUMP	1FVACWFC5JHJJ7757						21,995	10,871.52
H17	101508	83WFD		PUBLIC WORKS		10	DPW-MEDIUM DUTY DUMP	2018	04/26/17	$171,927	FREIGHTLINER	114SD DUMP	1FVACWFC3JHJJ7756						24,809	11,747.42
H18	101688	125WFD		PUBLIC WORKS		10	DPW-MEDIUM DUTY DUMP	2025	05/09/25	$96,330	International	MV607 SBA	3HAEUMML2SL300839							
H19 (OLD)				PUBLIC WORKS		10	PICK UP	2012	03/15/12	$31,876	Ford	F250 4X4	1FTBF2B68CEA59387						136,056	20,694.49
H19	101133	108WFD		PUBLIC WORKS		10	PICK UP	2026	12/01/25	$61,977	Ford	F350 4X4	1FTRF3BA7TEC45415						136,056	20,694.49
H24	102400	56WFD		PUBLIC WORKS		18	SWEEPER	2024	07/31/24	$249,792	Isuzu	Odra MT4H	JALE5W161R7306334							
H25	101504	57WFD		PUBLIC WORKS		15	SWEEPER	2018	03/13/17	$221,772	FREIGHTLINER	Tornado Sweeper	1FVACXFC9JHJH1578			451,760			28,584/ 4213	22,346.16
H30	101511	87WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2018	05/12/17	$173,657	FREIGHTLINER	114SD	1FVAG3FE9JHJH1112						41,640	20,701.56
H31	101444	88WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2017	08/05/16	$170,945	FREIGHTLINER	114SD	1FVAG3CY3HHJA1291		250,000				78,441/ 7740	15,783.29
H32	101445	95WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2017	08/11/16	$170,945	FREIGHTLINER	114SD	1FVAG3CY5HHJA1292		250,000				11,311	14,281.27
H34	101804	94WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2019	03/21/19	$180,345	FREIGHTLINER	114SD	1FVAG3FE0KHKM1621						8,463	4,799.31
H35 (OLD)				PUBLIC WORKS		10	5 TON DUMP TRUCK	2012	09/28/12	$195,832	International	12M DUMP/SPREA	1HTWDAZR8CH121003						52,192mi/ 5,604hrs	81,542.75
H35	101199	92WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2026	12/11/25	$295,593	International	HV 507 4X2 & PLOW	3HAEDTAR5TL168275						52,192mi/ 5,604hrs	81,542.75

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H36	1001264	124WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2014	03/04/14	$140,885	International	7400 SFA 4x2	1HTWDAAR2EH025219						56,85700mi/ 4700hrs	39,690.01
H37	101263	131WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2014	02/14/14	$140,885	International	7400 SFA 4x2	1HTWDAAR0EH025218		245,000				36,101	26,289.02
H38	101262	130WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2014	12/24/13	$140,885	International	7400 SFA 4x2	1HTWDAAR9EH025220		245,000				36,604	22,712.55
H39	102357	96WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2025	04/18/24	$258,374	International	HV 507 4X2	3HAEDTAR3SL526911						60,533m/ 5288hrs	105,157.11
H40	101598	97WFD		PUBLIC WORKS		10	5 TON DUMP TRUCK	2018	06/13/03	$176,828	FREIGHTLINER	1145SD	1FVAG3FE8JHJX2787						18,575	4,992.61
H50	100436	101WFD		PUBLIC WORKS		12	HOOKLIFT CHASSIS	2009	04/30/08	$63,890	International	7400 SBA 4x2	1HTWCAAR79J077348						5,524	5,453.84
H50-1a	102292	N/A		PUBLIC WORKS			15 YD BODY SLED	2022	07/28/22		Beauroc	DUMPSTER	110565							
H50-1b	102291	N/A		PUBLIC WORKS			FLAT BED SLED	2022	07/28/22		Equipment Specialists	FLATBED	113404							
H50-1c	102293	N/A		PUBLIC WORKS			HOOKLIFT SLED	2022	07/28/22		Swaploader	HOOK LIFT	CH0089							
H50-1d	102295	N/A		PUBLIC WORKS			SANDER SLED	2022	07/28/22		MONROE	SPREADER	213727							
H50-1e	102294	N/A		PUBLIC WORKS			CRANE SLED	2022	07/28/22		FASSI	F145AZ	1450-0180-CRANE; 410296-BODY							
H50-1f	102296	N/A		PUBLIC WORKS			16" BODY	2022	07/28/22		BEAUROC	CHIP BOX	410377							
H50-1g	102297	N/A		PUBLIC WORKS			12' MULTI PURPOSE BODY SLED	2022	07/28/22	$240,100	*frame only*	SL222 PACKAGE	410296							
H51	100981	90WFD		PUBLIC WORKS		18	18-YEAR SPECIALTY UNIT	2010	06/04/10	$180,550	International	Aerial Lift / Hybrid	1HTMMAAR3AH247768		72,967				34,311	12,790.11
H64	101535	61WFD		PUBLIC WORKS		20	LOADER	2017	07/20/17	$196,847	VOLVO	L90H WHEEL LOADER	VCE0L90HC0S623984						237	5,615.53
H65	100061	59WFD		PUBLIC WORKS		20	LOADER	2004	09/07/04	$115,135	VOLVO	L90E LOADER	L90EV66599		230,000				11,943	35,162.46
S18	101045	70WFD		PUBLIC WORKS		15	SIDE LOAD REFUSE	2011	03/15/11	$218,336	PETERBILT	PECCAR 320	3BPZL50X9BF129187						83368	122,577.13
S19	101382	93WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2016	9/11/2015	$250,200	PETERBILT	320	3BPZLJ0X2GF100839						88,201mi/ 9,420 hrs	62,199.85
S20	101687	72WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2025	12/16/2024	$393,489	PETERBILT	520 SIDE LOADER	3BPDLJ0X0SF704845							
S21	101383	64WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2016	09/08/15	$250,200	PETERBILT	320	3BPZLJ0X9GF100840						80,285 mi/ 10,205 hrs	64,423.25
S22	101628	71WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2019	03/20/18	$253,542	PETERBILT	520	3BPDLJ0X5KF102586		412,442				38,295	27,970.18
S23	100476	73WFD		PUBLIC WORKS		8	REAR LOAD REFUSE	2009	09/17/08	$131,557	International	7400	1HTWGAAT19J093030		258,290				49,685/ 4455	13,900.69
S24	100477	74WFD		PUBLIC WORKS		8	REAR LOAD REFUSE	2009	09/19/08	$131,557	International	7400	1HTWGAAT39J093031		258,290				56,978/ 4950	33,842.78
S25	101890	75WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2020	09/17/20	$265,737	PETERBILT	520	3BPDLJ0X7LF109508						10,957	4,067.05
S26	102106	76WFD		PUBLIC WORKS		5	SIDE LOAD REFUSE	2021	12/01/21	$264,747	PETERBILT	520	3BPDLJ0X9FN112574						97,036	147,435.79
S28	102407	68WFD		PUBLIC WORKS		7	FRONT LOADER PACKER	2024	11/23/24	$401,472	PETERBILT	520	3BPDLJ0X3SF693064							

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S29	101385	69WFD		PUBLIC WORKS		7	FRONT LOADER PACKER	2016	11/30/15	$223,725	PETERBILT	320	3BPZXJ0X2GF102983						93,082	25,480.56
A3	100997	103WFD		PZ/BH	Planning & Zoning	20	CAR	2011	10/06/10	$19,658	Ford	FUSION	3FAHP0JGXBR129270			31,512			66,960	2,887.15
A6	101198	128WFD		PZ/BH	Asst Building Official	10	CAR - HYBRID	2012	09/11/12	$27,238	Ford	FUSION HYBRID	3FADP0L38CR322155		33,329				23,972	1,838.10
A7	101084	107WFD	DNR	PZ/BH	Building Official	10	CAR - HYBRID	2012	10/13/11	$26,928	Ford	FUSION HYBRID	3FADP0L3XCR187566						81,306	2,805.16
A9	101083	111WFD		PZ/BH	Asst Building Official	10	CAR - HYBRID	2012	10/13/11	$26,928	Ford	FUSION HYBRID	3FADP0L31CR187567		34,329				41,307	2,502.56
A10	101018	112WFD	DNR	PZ/BH	Environmental Planner	20	CAR	2011	11/18/10	$18,433	Ford	ESCAPE	1FMCU9C7XBKA75810						36,715	2,812.32
A19	100216	337WFD		EOC		12	UTILITY UNIT (FIRE)	2006	02/01/06	$44,076	Ford	F350 (diesel)	1FDWW31P76EB60910						54,800m/ 3373 hrs	6,232.00
R8	101438	34WFD		REC/PARKS	Director Shared	14	PICK UP	2016	42,569.00	$27,990	Chevrolet	Silverado 1500	1GCNKNEC9GZ302876						41,982.00	1,432.48
R9	101844	35WFD		REC/PARKS		10	PKS-MEDIUM DUTY DUMP	2020	2/21/2020	$52,189	Ford	F350 4x4	1FDRF3H6XLEC13931						34,816	1,060.33
R10	101696	36WFD		REC/PARKS	Josh Themen	12	LIGHT DUTY	2025	6/12/2025	$81,457	Ford	F350 4x4	1FTRF3BA1SED08264						98	
R11	101325	37WFD		REC/PARKS		10	PKS-MEDIUM DUTY DUMP	2015	12/31/2014	$52,824	Chevrolet	346	1GB3KYCG9FF540956	91,155					46,535	10,694.37
R14	102302	38WFD		REC/PARKS		10	PKS-MEDIUM DUTY DUMP	2022	10/12/2022	$63,625	Ford	F450 DUMP	1FDUF4HN1NEF07289						14,479	
R15	101835	100WFD		REC/PARKS		12	PICK UP	2020	2/6/2020	$42,013	Ford	F250 4x4 Pickup	1FTBF2B63LEC13911						28,943	1,985.38
R16	101836	44WFD		REC/PARKS		10	PICK UP	2020	2/6/2020	$42,013	Ford	F250 4x4 Pickup	1FTBF2B65LEC13912						34,853	1,352.34
R17	102399	N/A		REC/PARKS		12	UTV	2023	4/26/2024	$29,473		Defender Pro	3JB7KAX4XPK000455						620	
R4	101631	26820		SRCTZ		10	VAN	2018	10/16/18	$60,897	FORD	TRANSIT	1FDES8PM7JKB31919						7,430	
R5	102288	23979		SRCTZ		10	VAN	2022	07/06/22	$65,023	Ford	Startrans Bus	IFDEE3FN2NDC39895							
NEW REQUEST				SRCTZ		10	VAN								57,343					
R30	101449	31934		SRCTZ		10	VAN	2017	09/14/16	$63,020	FORD	Goshen Coach Pass. Bus	1FDEE3FS1HDC04582						33,319	
T10	100475	33WFD		WUC		20	5 TON DUMP TRUCK	2009	07/23/08	$115,800	International	7400 SFA	1HTWDAAR29J077349						60,533m/ 5288hrs	105,157.11

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													Total Budget	1,101,785	3,092,489	734,606	269,905	200,000		
FLEET Asset ID	TOWN Asset ID	License Plate No	DO NOT REPL	Agency Name	Vehicle Assigned to	Repl. Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf.	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date
CAR 100		50WFD	DNR	WUC		0	Do Not Replace	1984	02/08/13	Donated	Humvee	1 1/4-ton Utility Vehicle (Military Surplus)	000130						Humvee	
C1	101532	53WFD	DNR	WUC	(Soto)/Asst Director	8	SUV	2017	08/30/17	$26,771	Ford	EXPLORER	1FM5K8B85HGC17124						53,656	1,378.74
C2	101049	116WFD	DNR	WUC	Survey Party Chief (Lathrop)	8	SUV	2011	03/29/11	$26,771	Ford	EXPEDITION XLT 4x4	1FMJU1G51BEF25120						34,116	3,079.61
T8	101137	122WFD	DNR	WUC	Sewer Maint Operators	20	20-YEAR SPECIALTY UNIT	2012	03/06/12	$79,819	International	7,500 SBA With Hi-Vac Attach	1HTWNAZB4CJ115205						10,918	11,404.55
T8-A		N/A	DNR	WUC		10	Vac-All Body	2012	03/06/12	$163,857	AQUATECH	HI VAC ATTACHMENT	Model B-10						748.10 hrs	
T9-A				WUC		10	PICK UP	2024			ISUZU	FTR	54DK6S1F7RSA01510							
T9-A	101207	N/A	DNR	WUC		20		2012	09/05/12	$128,697	CUES CCTV	SEWER INSPECTION	N/A						CCTV	
C3	100715	338WFD	DNR	WUC	Asst Director	8	CRUISER	2010	11/30/09	$19,701	Ford	Taurus	1FAHP2DW1AG112586						107,673	5,704.97
T1	101847	47WFD	DNR	WUC	Foreman (Clark)	10	PICK UP	2020	03/20/20	$58,085	FORD	F350 4x4	1FD8X3B63LEC31088						13,535	75.39
T2 (old)			DNR	WUC	Sewer Tech II (Gerovitz)	10	PICK UP	2011	07/27/11	$55,594	GMC	K-3500 SIERRA 4wd	1GD322CL6BF243396						94,830	12,574.42
T2 (old)	101082	49WFD		WUC	Sewer Tech	14	PICKUP	2026			FORD	F-450 SUPER DUTY	1FD0X4HN8TEC21528							
T3	101586	82WFD	DNR	WUC	Sewer Maint Operators	10	PICK UP	2018	01/11/18	$54,843	Chevrolet	Silverado 3500HD	1GB5KYCG3JZ174685						42,258	3,616.71
T4	101448	52WFD	DNR	WUC	Operator	10	PICK UP	2016	09/28/16	$53,749	Chevrolet	w/body &	1GB3KYCG4GZ320205						62,040	4,224.31
T6	100260T	109WFD	DNR	WUC		10	Do Not Replace	2006	06/20/06	$20,939	Ford	F-150	1FTPX14546NB57564						106,078	6,804.00
T5	101894	46WFD	DNR	WUC		14	Pick UP	2020	12/01/20	$45,130	Ford	F-350 4x4	1FTRF3B69LEE89997						9,334	3,734.32
T7	100219T	126WFD	DNR	WUC		12	Do Not Replace	2006	01/23/06	$44,606	Ford	F350	1FDWW31P96EB60911						106,078	9,201.00

TOWN OF WATERFORD
FLEET MANAGEMENT PLAN -
EQUIPMENT

FISCAL YEARS 2027 - 2031

TOTAL NO. EQUIPMENT	60

														Equipment to be Replaced	2	11	2	1	1			
														Total Budget	49,099	622,452	434,963	212,472	21,415			
FLEET Asset ID	License Plate No	DO NOT REPL	Agency Name	Vehicle Assigned to	Class Code	Repl. Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Make	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date	COMMENTS
BOE10	N/A		Board of Ed		SKD STR	15	SKID STEER LOADER	2007	5/11/2007	$22,000	New Holland	L170 Skid Star Bobcat	N7M455552		$ 34,718						
BOE11 (old)			Board of Ed		Mule 4x4	0				$13,650	KAWASAKI	MULE OFF ROAD UTILITY VEHICLE	JK1AFDA13285077								TO BE SURPLUSSED
BOE11	N/A		Board of Ed		UTL-DPW	10	UTILITY CART	2014	2/12/2014	$25,353	John Deere (w/ spreader and plow)	XUV855DPS	CH3009D250621								
			EOC		TRL	20	TRAILER	2021	7/1/2022	$4,286	BRAVO	Model SCS85A	542BA0813MB030234								Region 4 purchased
Boat Trailer	1957		FIRE SERVICES		TRL-F	20	TRAILER (FIRE)	2017	6/3/2016	$8,749	Shore Lander	Boat Trailer	1MDAVA121HA609182								
Boat Trailer	120WFD		FIRE SERVICES		TRL-BOAT	20	TRAILER (boat)	2018			KARAVAN	boat trailer	5KTBS1911JF543836								
H9	77WFD		PUBLIC WORKS		180SPC-DPW	15	15-YEAR SPECIALTY UNIT	2011	11/24/2010	$76,014	International	4300 SBA 4x2 w/Platform Body	1HTMMAAL9BH388342		$ 130,000				96,186	16,867.09	
H27	63WFD		PUBLIC WORKS		TRC-DPW	15	TRACTOR	2008	5/20/2008	$82,026	JOHN DEERE	MODEL 5603 TRACTOR	LV5603R268832						6,838 hrs	57,289.14	
H-33	135WFD		PUBLIC WORKS		GRN-DPW	20	STUMP GRINDER	2004	11/12/2004	$23,851	CARLTON	7500 - Stump Grinder	1J9G42122C1187474		$ 80,000				247	9,846.47	
H43DT	161WFD		PUBLIC WORKS		TRL-DPW	20	TRAILER	2001	9/14/2000	$30,375	FRUEHAUF	DUMP TRAILER	1JJU262F61S737748						N/A	1,615.75	
H43RO	151WFD		PUBLIC WORKS		160SPC-DPW	15	15-YEAR SPECIALTY UNIT	2000	11/10/2000	$14,925	BENLEE	TRAILER TA60TC34	1B9A13420YB183504						N/A	13,775.37	committee (rehabbed and not replaced in FY21).
H43T	164WFD		PUBLIC WORKS		TRL	12	LOW BOY TRAILER	2006	10/5/2005	$37,398	TOWMASTER	T-70DTG DUMP TRAILER	4KNFT22276L160354		$ 15,000				N/A		
H44	158WFD		PUBLIC WORKS		CHP-DPW	20	CHIPPER	2005	11/18/2004	$24,000	VERMEER	BC1000XL- CHIPPER	1VRY1119X51005548		$ 45,000				1,841	5,806.36	
H45	60WFD		PUBLIC WORKS		BKH-DPW	20	BACKHOE	2009	3/15/2010	$89,180	VOLVO	BL70 BACKHOE/LOADER	VCFOBL70A00029080						39,534	27,935.97	
H47	56WFD		PUBLIC WORKS			20	TRACTOR	2008	9/9/2008	$39,900	JOHN DEERE	5603 LOADER/TRACTOR	LV5603R270211		$ 200,000				4,748 hrs	26,121.05	
H48	N/A		PUBLIC WORKS		RLL-DPW	20	ROLLER	2012	4/23/2012	$33,105	HAMM	HD 10VV Asphalt Roller	2001793						306 hrs	1,741.10	
H49	N/A		PUBLIC WORKS		MOW	15	MOWER	2023	8/29/2022	$12,324	TORO	72946 (60" COMMERCIAL ZERO TURN)	412654613								
H51	90WFD		PUBLIC WORKS		216SPC-DPW	18	18-YEAR SPECIALTY UNIT	2010	6/4/2010	$180,550	International	Model AL60 Aerial Lift / Hybrid	1HTMMAAR3AH247768						34,311	12,790.11	
H52	162WFD		PUBLIC WORKS		CMP-DPW	20	COMPRESSOR	2004	12/16/2004	$14,420	Ingersoll Rand	P185WJD COMPRESSOR	350036UU0221				$ 176,350		485 hrs	1,733.67	
H53	66WFD		PUBLIC WORKS		PLW-DPW	20	SIDEWALK MACHINE	2004	12/12/2003	$81,897	TRACKLESS	MT5TD SIDEWALK PLOW w/ attachments	MT5TD-2330						13,456	18,501.00	
H54	67WFD		PUBLIC WORKS		PLW-DPW	20	COMPACT LOADER	2015	10/16/2015	$86,534	WACKER NEUSON	WL32 COMPACT LOADER W/ATTACHMENTS	3031050						680 hrs	14,522.80	
H55	127WFD		PUBLIC WORKS		CHP-DPW	20	CHIPPER	2017	9/8/2017	$36,044	VERMEER CHIPPER	BC1000XL- CHIPPER	1VRY11196H1025266						555 hrs	4,059.92	
H56	N/A	DNR	PUBLIC WORKS		9999	0	Do Not Replace	1977	1/1/1977	$2,770	LAYTON	D.550B SUPER PAVER	D7621-K-6						N/A	6,477.66	
H58	146WFD		PUBLIC WORKS		CMP-DPW	20	COMPRESSOR	2008	10/14/2008	$16,985	Ingersoll Rand	XP185WJD Port. Compressor	402988UGS222						84 hrs	1,137.71	
H59	N/A		PUBLIC WORKS		PVR	20	MINI PAVER	2021		$52,000	SALSCO	TP44-TD	2110400050290500								
H77	168WFD		PUBLIC WORKS		TRL	15	UTILITY TRAILER	2013	7/24/2013	$3,630	BIG TEX	70TV-12 UTILITY TRAILER	16VUX1220D3E93806						N/A	5,535.67	
H147	147WFD		PUBLIC WORKS		TRL	20	TRAILER	2024	6/20/2024	$27,899	KRAFTSMAN	HP-40PS	5E7HP3428RA003264								Kraftsman

TOWN OF WATERFORD
FLEET MANAGEMENT PLAN -
EQUIPMENT

FISCAL YEARS 2027 - 2031

TOTAL NO. EQUIPMENT	60

													Equipment to be Replaced	2	11	2	1	1			
													Total Budget	49,099	622,452	434,963	212,472	21,415			
FLEET Asset ID	License Plate No	DO NOT REPL	Agency Name	Vehicle Assigned to	Class Code	Repl Cycle in Years	Class Description	Asset Model Year	In-Service Date	Gross Vehicle Cost	Manuf	Model	Serial #	2027	2028	2029	2030	2031	Current Mileage / or Usage Hours	Total Repair Costs to date	COMMENTS
H147(OLD)			PUBLIC WORKS		TRL-DPW	20	TRAILER	1991	8/7/1991	$2,194	ROSCO	3 TON UTILITY TRAILER	1YB411327M1B1T617						N/A	2,435.39	TO BE SURPLUSSED
S30	65WFD		PUBLIC WORKS		B&E-DPW	20	EXCAVATOR	2001	12/28/2001	$87,805	VOLVO	EW170 EXCAVATOR	26289408			$ 382,853			14,875 hrs	63,122.86	
UT2	163WFD		PUBLIC WORKS		TRL-DPW	20	TRAILER	2009	7/27/2009	$11,857	CAM	8CAM624DOTT - Utility Trailer	5JPBU292X9P024572					$ 21,415	N/A	831.43	
NEW REQUEST			PUBLIC WORKS		CT-DPW		ATTENUATOR/ CRASH TRUCK									$ 52,110					
UT3	149WFD		REC/PARKS	EQUIPMENT	TRL-DPW	20	TRAILER	1996	1/1/1996	$3,690	Cross Country		1C9FS2227T1432852		7,998						Old P92 REASSIGNED
P51	N/A		REC/PARKS			15	TRACTOR	2024	5/26/2024	$90,297	KUBOTA	L606HSTC KUBOTA W/ATTACHMENTS	KBUL5FHCEP8L55180						155		
P53	N/A		REC/PARKS		MOW LG	10	MOWER, LARGE	2016	10/19/2016	$60,650	TORO	GROUNDSMASTER 4100 (diesel)	316000766						1,847	4,978.40	
P54	N/A		REC/PARKS		MOW LG	10	MOWER	2017	11/14/2017	$11,000	Ferris	IS 3200 72" Mower	2017562141		18,000				1,501	3,487.55	
P55	N/A		REC/PARKS		MOW LG	10	MOWER, LARGE	2016	10/19/2016	$60,650	TORO	Groundsmaster 4100 (diesel)	316000682		60,650				1,292	3,923.66	
P59	42WFD		REC/PARKS		TRC-DPW	15	TRACTOR	2018			KUBOTA	(diesel)	L6060HSTC						2,314	3,957.26	
P60	N/A		REC/PARKS		MOW LG	10	MOWER, LARGE	2024	9/12/2024	$70,494	VENTRAC	4520N KUBOTA WG972	4520N - AR09797		15858				128		
P61	170WFD		REC/PARKS		TRC-DPW	15	TRACTOR	2014	9/26/2014	$58,203	KUBOTA	L4760HSTC TRACTOR/LOADER w/attachments (diesel)	30612						3,107	13,739.49	
P62			REC/PARKS	MOW LG	MOW LG	10	MOWER	2024	9/12/2024	$31,671	GROUND MASTER	Groundsmaster 7200 w/ Deck	416935608, 417060836						2		
P63	N/A		REC/PARKS		MOW LG	10	MOWER	2016	10/19/2016	$18,277	TORO	GM7200 - 6' mower (diesel)	316000281	33,241					2,048	4,873.72	Fleet Ad Hoc approved moving out 7/10/25
P65	N/A		REC/PARKS		MOW LG	10	MOWER, LARGE	2022	1/9/2023	$47,789	VENTRAC	4520Z	4520Z-AR03257						379	18,724.99	being replaced in FY23 (approved in FY22)
P74	N/A		REC/PARKS		TRP RAKE	10	TRAP RAKE	2016	6/7/2016	$19,572	TORO	SANDPRO INFIELD PRO 3040	316000434						1,264	1,870.48	Fleet Ad Hoc approved moving out 7/10/25
P90	143WFD		REC/PARKS	EQUIPMENT	TRL	20	TRAILER	2008	10/20/2008	$3,534	Carry-On Trailer Corp.	Heavy Duty Landscape Trailer	4YMUL18289V006061	15,858							
P91	136WFD		REC/PARKS	EQUIPMENT	TRL	20	TRAILER	2019	11/14/2019	$5,025	BRI-MAR	20 FT Trailer	58CB1EF27LC001480								
P93			REC/PARKS	EQUIPMENT	TRL	20	TRAILER	2019	11/14/2019	$7,998	BR-MAR	Dump Body Trailer	58CB1DB2OLC001479								
P94	142WFD		REC/PARKS	EQUIPMENT	TRL	20	TRAILER	2008	8/12/2008	$3,515			4YMUL18278V194364		15,228						
P95	345WFD		REC/PARKS		TRL	20	TRAILER	1999	11/1/1989	$1,250	Parker	Utility Trailer	13ZSA1014X1099005								
P96	N/A		REC/PARKS	EQUIPMENT		0	ROBO PAINTER	2024	7/24/2024	$44,950	Turf Robotics LLC	SWOZI Cart Pro									
Operating Asset		DNR	WUC		EXCV	15	EXCAVATOR (and attachments)														part of operating expenses
Operating Asset		DNR	WUC		SKD	15	SKID STEER MACHINE														part of operating expenses
GT1	144WFD	DNR	WUC		GEN-DPW	20	GENERATOR	1982	1/2/1982	$104,011	ONAN	TRAILER	1013131						536 hrs		
GT2	179WFD	DNR	WUC		GEN-DPW	20	GENERATOR	1991	1/2/1991	$19,125	ONAN	TRAILER	16MG1067LD017031						306.9 hrs		
GT3	332WFD	DNR	WUC		GEN-DPW	20	GENERATOR (mounted on trailer)	2015	5/15/2015	$20,000	CUMMINS	C100D6R 100KW Portable Generator w/trlr	G140718616				$ 36,122		75.4 hrs		
E1			WUC		MOWER	15	MOWER	2012			FERRIS	1000Z	2776								
E2			WUC		MOWER	15	MOWER	2017			SCAG	SWZT52-18FSE	L3700832						3.41 hrs		
PT1	145WFD	DNR	WUC		PMP-DPW	20	PUMP	1985	1/2/1985	$60,895	GORMAN RUPP	PUMP TRAILER	774243						149.9 hrs		
PT2	148WFD	DNR	WUC		PMP-DPW	20	PUMP	1990	1/2/1990	$10,909	GORMAN RUPP	PUMP TRAILER	968978N								
PT3	98WFD	DNR	WUC		PMP-DPW	20	UTILITY TRAILER	2018	3/8/2019	$12,166	MANSFIELD	UTILITY TRAILER	1M9BU1421JM020572								
PT3 -A (mounted on PP3)		DNR	WUC		PMP-DPW	20	PUMP	2018	3/8/2019	$68,000	GORMAN RUPP	PUMP	1592771						61.4 hrs		
P50		DNR	WUC		9999	0	Do Not Replace	1980		$68,000	JOHN DEERE	1050 TRACTOR	1D050003477								transferred April 2020 to WUC

WATERFORD POLICE DEPARTMENT
41 AVERY LANE
WATERFORD, CT 06385-2819

Marc Balestracci
Police Chief

(860) 442-9451 TEL
mbalestracci@waterfordct.org

Car #11- A marked 2021 Ford Police Interceptor Utility with 13,572 hours, 95,329 miles, and $9,966 in repair costs. It should be noted that Ford Motor Company advises one hour of engine wear is equivalent to approximately 30 miles of driving. Using these figures, this vehicle has the equivalent of 407,160 miles. At this time we are requesting that this vehicle be replaced in FY 2027 in accordance with the replacement interval, as well as due to the mileage, hours, and repair costs. The projected cost to replace this vehicle with another Ford Police Interceptor Utility would be $83,778.

Car #13- A marked 2021 Ford Police Interceptor Utility with 14,564 hours, 126,586 miles, and $12,044 in repair costs. It should be noted that Ford Motor Company advises one hour of engine wear is equivalent to approximately 30 miles of driving. Using these figures, this vehicle has the equivalent of 436,920 miles. At this time we are requesting that this vehicle be replaced in FY 2027 in accordance with the replacement interval, as well as due to the mileage, hours, and repair costs. The projected cost to replace this vehicle with another Ford Police Interceptor Utility would be $83,778.

Car #19- A marked 2021 Ford Police Interceptor Utility with 15,947 hours, 116,185 miles, and $10,705 in repair costs. It should be noted that Ford Motor Company advises one hour of engine wear is equivalent to approximately 30 miles of driving. Using these figures, this vehicle has the equivalent of 478,410 miles. At this time we are requesting that this vehicle be replaced in FY 2027 in accordance with the replacement interval, as well as due to the mileage, hours, and repair costs. The projected cost to replace this vehicle with another Ford Police Interceptor Utility would be $83,778.

We are requesting that the following vehicles be pushed out for replacement:

*Each of the below vehicles is an administrative vehicle and is on an eight year replacement interval on the town's Fleet Plan.

Car #23- An unmarked 2017 Ford Police Interceptor Utility, assigned to a detective, with 2,114 hours, 49,710 miles, and $1,266 in repair costs.

Car #27- An unmarked 2017 Ford Police Interceptor Utility, assigned to a detective, with 2,830 hours, 66,913 miles, and $855 in repair costs.

Car #30- An unmarked 2018 Ford Police Interceptor Utility, assigned to a detective, with 2,306 hours, 49,060 miles, and $1,826 in repair costs.

WATERFORD POLICE DEPARTMENT
41 AVERY LANE
WATERFORD, CT 06385-2819

Marc Balestracci
Police Chief

(860) 442-9451 TEL
mbalestracci@waterfordct.org

To: Finance Director, Kim Allen
Cc: First Selectman Rob Brule
From: Chief of Police - Marc Balestracci, WPD Fleet Manager - Sgt. Andrew Farrior, WPD Assistant Fleet Manager - Officer Zachary Bushwack
Date: December 9, 2025
Re: Police Fleet Management Plan Request FY27

We are requesting that the following vehicles be replaced in FY 2027:

***It should be noted that these vehicles are used for patrol and will remain in service for at least twelve more months. During this time the vehicles will accumulate approximately 25,000 additional miles. Patrol vehicles are the traditional police vehicles which have multiple officers assigned to them and are driven daily on multiple shifts. The factory powertrain warranty for these vehicles is 5 yrs/100,000 miles. Patrol vehicles are on a five year replacement interval on the town's Fleet Plan. The projected replacement costs were determined by using the cost to replace similar vehicles in FY 2026. Three percent was added to the cost in order to adjust for inflation, with the exception of the aftermarket emergency equipment. Ten percent was added to the cost of the emergency equipment in order to adjust for price increases related to tariffs. The listed repair cost reflects all repairs that were completed as well as preventative maintenance and tires. The replacement cost includes the cost of the vehicle, the lettering/decals on the exterior, the in-car camera system, the aftermarket emergency equipment, and the installation of the equipment. See attached documents for a detailed cost break down.**

Car #5- A marked 2021 Ford Police Interceptor Utility with 12,133 hours, 94,555 miles, and $8,511 in repair costs. It should be noted that Ford Motor Company advises one hour of engine wear is equivalent to approximately 30 miles of driving. Using these figures, this vehicle has the equivalent of 363,990 miles. At this time we are requesting that this vehicle be replaced in FY 2027 in accordance with the replacement interval, as well as due to the mileage, hours, and repair costs. The projected cost to replace this vehicle with another Ford Police Interceptor Utility would be $83,778.

Car #10- A marked 2021 Ford Police Interceptor Utility with 14,003 hours, 123,583 miles, and $12,879 in repair costs. It should be noted that Ford Motor Company advises one hour of engine wear is equivalent to approximately 30 miles of driving. Using these figures, this vehicle has the equivalent of 420,090 miles. At this time we are requesting that this vehicle be replaced in FY 2027 in accordance with the replacement interval, as well as due to the mileage, hours, and repair costs. The projected cost to replace this vehicle with another Ford Police Interceptor Utility would be $83,778.

WATERFORD POLICE DEPARTMENT
41 AVERY LANE
WATERFORD, CT 06385-2819

Marc Balestracci
Police Chief

(860) 442-9451 TEL
mbalestracci@waterfordct.org

We are requesting that these vehicles be pushed out for replacement as they have low mileage/hours and repair costs.

Thank you for any consideration.

Thank you,

Marc Balestracci
Chief of Police
Waterford Police Department

COST BREAKDOWN FY '27

FORD POLICE INTERCEPTOR PATROL VEHICLE (CAR #'s 5,10,11,13,19)

CAR-	$45,772
EQUIPMENT-	$24,965
INSTALL-	$4,560
LETTERING-	$725
IN-CAR CAMERA-	$6,043
TOTAL–	$57,100
ADJUSTED 3% FOR INFLATION-	$58,813
EQUIPMENT (ADJUSTED 10% FOR TARIFFS-	$24,965
FINAL PROJECTED COST-	$83,778

*Amounts obtained from the cost to purchase/equip/build patrol vehicles in summer of 2025

*The cost of the aftermarket equipment was adjusted 10% at the recommendation of the vendor as the manufacturers are increasing costs due to tariffs

Invoice

#INV200006760

4/8/2025

McGovern MHQ Inc

401 ELM STREET
MARLBOROUGH MA 01752
United States

Bill To	Ship To	Servicing Through
WATERFORD POLICE DEPT 41 AVERY LN WATERFORD CT 06385 United States	WATERFORD POLICE DEPT 41 AVERY LN WATERFORD CT 06385 United States	McGovern MHQ, Inc. 750 Newfield Street Middletown CT 06457-1869 United States

Sales Rep	Terms	PO #	Memo
Marc Sheehan	Net 30	240645	

VIN	Make	Model	Color
1FM5K8ABXSGB47236	Ford	PI Utility	Black

Quantity	Equipment	Description	Contract ID	Rate	Amount
1	K8A	INTERCEPTOR POLICE UTILITY AWD	CT22PSX0133		$45,771.77

Subtotal	$45,771.77
Tax (0%)	$0.00
Total	$45,771.77

Remit all Payments to:
MCGOVERN MHQ INC
401 Elm Street
Marlborough, MA 01752

Wire Instructions:
Bank Account Name: MCGOVERN MHQ INC
Bank Account Number: 9028784469
Transit Routing Number: 031300012
Bank Name: PNC Bank, N.A.
Bank Address: 249 Fifth Avenue
Pittsburgh, PA 15222
Bank Phone Number:
800-669-1518

Thank You for Choosing McGovern MHQ Inc.

For questions concerning this Invoice please contact us at 877-731-3248

CITE #28

FY '25

INV200006760

COMPETITIVE SERVICE SOLUTIONS LLC.

1265 John Fitch Blvd.
Suite 4 & 5
South Windsor, CT. 06074

Phone: 860-372-4695 Fax: 860-436-3988

Estimate

Date	Estimate #
6/6/2025	3473

Name / Address

Waterford Police Department
41 Avery Lane.
Waterford, CT 06385

FY '26
Install Cost

Item	Description	Qty	Ea.	Rate	Total
Labor-Non Tax 2024	Labor Non Tax 2024 Rate Car & Chevy Tahoe	48	ea	95.00	4,560.00
BB2DEDE	54" LIBERTY II DUO LIGHTBAR	1	ea	5,608.37	5,608.37
C399	CENCOM CORE WCX AMPLIFIER CONTROL CENTER	1	ea	982.06	982.06
CCTL6	WeCanX ROTARY KNOB/SLIDE CONTROL HEAD	1	ea	329.21	329.21
C399SP	Scanport OBD signal input	1	ea	131.54	131.54
SA315P	100-WATT SIREN SPEAKER	1	ea	286.75	286.75
SAK70	2021 TAHOE SPEAKER BRACKET	1	ea	36.89	36.89
CV2V	Whelen Vehicle to Vehicle	1	ea	258.22	258.22
CEM16	WeCanX 16 OUTPUT EXPANSION MOD	1	ea	203.23	203.23
BK2019TAH25	'25 Tahoe PB450L4 Aluminum Bumper ION	1	ea	1,034.10	1,034.10
U180D	U-SERIES DUO RED/WHITE	1	ea	215.06	215.06
U180E	U-SERIES DUO BLUE/WHITE	1	ea	215.06	215.06
U18054	U-SERIES MIRROR MT KIT TAHOE	1	ea	24.36	24.36
VTX609R	RED VERTEX HIDE-AWAY LED W/FLASHER	4	ea	100.22	400.88
I2J	RED/BLUE ION DUO LED	2	ea	143.375	286.75
IONBKT5	UNIVERSAL MOUNT, REVERSED ION BRACKET	2	ea	13.92	27.84
3SRCCDCR	3" ROUND COMPARTMENT SUPER LED LIGHTHEAD- R/W	2	ea	72.385	144.77
60CREGCS	6" ROUND INTERIOR COMPARTMENT DOME LIGHT	1	ea	179.57	179.57
416302	TAHOE 2021-22 GROMMETS KIT	1	ea	17.69	17.69
416300X-B	BLUE FLUSH MNT LED (STEADY BURN)	1	ea	74.10	74.10
416300X-R	RED FLUSH MNT LED (STEADY BURN)	1	ea	74.10	74.10
C-VSW-1012-TAH-1	Vehicle-Specific 22" Wide Angled Console for 2025 Chevrolet Tahoe Police Pursuit Vehicle	1	ea	816.27	816.27
C-HDM-204	8.5" Heavy duty telescoping pole side mount	1	ea	184.86	184.86

Subtotal	
Sales Tax (6.35%)	
Total	

critical SIGNS AND MORE
www.Critical-Signs.com

tel. 860.443.7446
fax. 860.437.7444
1068 Hartford Turnpike
Waterford, CT 06385

Date	Invoice #
1/30/2024	30638

Waterford Police Department
41 Avery Lane
Waterford CT 06385

P.O. No.

Due Date
2/29/2024

Quantity	Description	Rate	Amount
5	Ford Explorer vehicle to have complete police lettering package- no wrapping #9 #7 #12 #17 #18	725.00	3,625.00
	Decal cost FY '25 (Price hasn't changed)		
		Subtotal	$3,625.00
		Sales Tax (6.35%)	$0.00
		Total	$3,625.00
		Payments/Credits	$0.00
		Balance Due	$3,625.00

I/we agree to a service charge of 2% per month on all accounts in default and to maxium legal interest until paid

Phone: 860-443-7446

Fax: 860-437-7444

MOTOROLA SOLUTIONS

QUOTE-3135770

WATERFORD POLICE DEPT
41 AVERY LN
Waterford, CT 06385
US

WATERFORD POLICE DEPT
41 AVERY LN
Waterford, CT 06385
US

05/20/2025
06/27/2025

Christopher Drake
Regional Sales Manager
Christopher.Drake@
motorolasolutions.com
603-205-1845

WATERFORD POLICE DEPT

AGREEMENT: WG AGREEMENT

Summary:

Any sales transaction resulting from Motorola's quote is based on and subject to the applicable Motorola Standard Terms and Conditions, notwithstanding terms and conditions on purchase orders or other Customer ordering documents. Motorola Standard Terms and Conditions are found at www.motorolasolutions.com/product-terms.

	M500				
1	WGB-0700A	M500 IN-CAR SYSTEM FRONT/ PASSENGER CAM	4	$5,715.00	$22,860.00
2	WGB-0189A	MTIK CONF KIT,802.11AC,M500POE,5GHZANT	4	$328.00	$1,312.00
3	WGP02225-230-KIT2	BRKT KIT DISP/BWC/CAM TAHOE/ SILV 2021	4	Included	Included

$26,440.00

$2,268.00

$24,172.00(USD)

FY '26

÷ 4

= $6,043 per vel

- Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.
- Unless otherwise noted in this quote / order, installation of equipment is not included.

Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, then Motorola's Standard Terms of Use and Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

COMPETITIVE SERVICE SOLUTIONS LLC.

1265 John Fitch Blvd.
Suite 4 & 5
South Windsor, CT. 06074

Phone: 860-372-4695 Fax: 860-436-3988

Estimate

Date	Estimate #
6/6/2025	3473

Name / Address

Waterford Police Department
41 Avery Lane.
Waterford, CT 06385

Item	Description	Qty	Ea.	Rate	Total
Labor-Non Tax 2024	Labor Non Tax 2024 Rate Car 8 Chevy Tahoe	48	ea	95.00	4,560.00
BB2DEDE	54" LIBERTY II DUO LIGHTBAR	1	ea	5,608.37	5,608.37
C399	CENCOM CORE WCX AMPLIFIER CONTROL CENTER	1	ea	982.06	982.06
CCTL6	WeCanX ROTARY KNOB/SLIDE CONTROL HEAD	1	ea	329.21	329.21
C399SP	Scanport OBD signal input	1	ea	131.54	131.54
SA315P	100-WATT SIREN SPEAKER	1	ea	286.75	286.75
SAK70	2021 TAHOE SPEAKER BRACKET	1	ea	36.89	36.89
CV2V	Whelen Vehicle to Vehicle	1	ea	258.22	258.22
CEM16	WeCanX 16 OUTPUT EXPANSION MOD	1	ea	203.23	203.23
BK2019TAH25	'25 Tahoe PB450L4 Aluminum Bumper ION	1	ea	1,034.10	1,034.10
U180D	U-SERIES DUO RED/WHITE	1	ea	215.06	215.06
U180E	U-SERIES DUO BLUE/WHITE	1	ea	215.06	215.06
U18054	U-SERIES MIRROR MT KIT TAHOE	1	ea	24.36	24.36
VTX609R	RED VERTEX HIDE-AWAY LED W/FLASHER	4	ea	100.22	400.88
I2J	RED/BLUE ION DUO LED	2	ea	143.375	286.75
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416300X-R	RED FLUSH MNT LED (STEADY BURN)	1	ea	74.10	74.10
C-VSW-1012-TAH-I	Vehicle-Specific 22" Wide Angled Console for 2025 Chevrolet Tahoe Police Pursuit Vehicle	1	ea	816.27	816.27
C-HDM-204	8.5" Heavy duty telescoping pole side mount	1	ea	184.86	184.86

Subtotal	
Sales Tax (6.35%)	
Total	

FY '26
Aftermarket
Emergency Equipment

COMPETITIVE SERVICE SOLUTIONS LLC.

1265 John Fitch Blvd.
Suite 4 & 5
South Windsor, CT. 06074

Phone: 860-372-4695 Fax: 860-436-3988

Estimate

Date	Estimate #
6/6/2025	3473

Name / Address

Waterford Police Department
41 Avery Lane.
Waterford, CT 06385

Item	Description	Qty	Ea.	Rate	Total
C-EBW20-LP1-US...	WIDE VSW CONSOLE SINGLE USB AND SINGLE LIGHTER SOCKET BRACKET	1	ea	16.38	16.38
C-EB25-MWG-1P	2.5" MOUNTING SPACE FOR MOTOROLA WATCHGUARD M500	1	ea	26.52	26.52
C-ARM-109	Armrest with internal pocket	1	ea	264.42	264.42
C-MD-119	11" Slide Out Locking Swing Arm with Low Profile Motion Device Adapter	1	ea	295.62	295.62
C-UMM-103	Universal Monitor Mount	1	ea	96.72	96.72
C-ADP-101	Universal Adapter Plate	1	ea	55.38	55.38
C-KBM-201	Havis Rugged Keyboard Mount	1	ea	110.76	110.76
DS-PAN-1201-2	Docking Station For Panasonic TOUGHBOOK33 Tablet with Standard Port Replication & DualPass-Thru Antenna Connections	1	ea	944.58	944.58
PKG-KB-2003	Package – Rugged Chiclet Style Keyboard With Mount (Includes Emergency Key)	1	ea	647.01	647.01
TREMCO	TRANSMISSION LOCKOUT DEVICE	1	ea	225.00	225.00
75456	FLASHLIGHT STINGERS DS LED HL RECHARGEABLE	1	ea	136.56	136.56
MAGMIC	MAGNETIC MIC CLIP	2	ea	64.00	128.00
P1826T21AOSB	Dual Compartments, Pro-Cell, Full Partition (Includes Recessed Panel) w/ Outboard Seat Belts	1	ea	4,455.90	4,455.90
T-CHTAHM2-21N...	TruckVault Tahoe Magnum 2 Drawer	1	ea	3,186.00	3,186.00
Shop Supplies	Hardware, connectors, wire, loom, fuses, fuse holders, fabricated material, etc.	1	ea	300.00	300.00
5032BLUESEA	Split Fuse Block	1	ea	75.00	75.00
5026Bluesea	Blue Sea 12 circuit with neg ground block	1	ea	75.00	75.00
VF4	12volt relay	3	ea	6.00	18.00
304326	25' ANTENNA CABLE W/CONNECTOR	1	ea	50.78	50.78

Subtotal	
Sales Tax (6.35%)	
Total	

Estimate

COMPETITIVE SERVICE SOLUTIONS LLC.

Date	Estimate #
6/6/2025	3473

1265 John Fitch Blvd.
Suite 4 & 5
South Windsor, CT. 06074

Phone: 860-372-4695 Fax: 860-436-3988

Name / Address

Waterford Police Department
41 Avery Lane.
Waterford, CT 06385

Item	Description	Qty	Ea.	Rate	Total
420639	740-870 low profile antenna	1	ea	54.94	54.94

Credit Card Surcharge Notice – Retail Customers Only
A 3% surcharge will be applied to all credit card payments made by retail customers. This surcharge does not apply to wholesale or municipal accounts. We welcome alternative payment methods (e.g., check, cash,) with no additional fees.

Thank you for your understanding and continued support

Subtotal	$27,254.25
Sales Tax (6.35%)	$0.00
Total	$27,254.25

* Adjusted 10% dic to tariff increases

install cost - 4,560

= 22,694.25

+ 10% (2,270) = 24,965

- Pending Replacement

- Proposed FY '27

* - Due but pushing out - low hrs/miles

WATERFORD POLICE FLEET LIST- UPDATED JULY 2025

VEHICLE	PLATE	TYPE	YEAR	IN SVC	MAKE	MODEL	VIN	OPERATOR	HOURS	MILES	REPAIRS
ATV1		ATV	2007	06/11/08	KAWA	MULE	JK1AFEA127B534391				
ATV 2	G4737	ATV	2017	06/14/17	POLARIS	ATV	4XASEA571HA071534				
ATV 3	G6071	ATV	2017	06/14/17	POLARIS	ATV	4XASEA571HA085837				
CAR 1	377MHN	SUV	2020	04/06/20	Chevrolet	Tahoe	1GNSKDEC3LR376340		15,206	125,039	
CAR 2	2WFD	Road Job	2019	04/25/19	Ford	Utility	1FM5K8AR6KGB14599		15,090	113,815	
CAR 3	3WFD	SUV	2025	04/10/25	Ford	Utility	1FMK58AB7SGB05204		961	7,049	
CAR 4	4WFD	SUV	2022	06/30/22	Ford	Utility	1FM5K8AB3NGA27556		5,759	74,974	
CAR 5	5WFD	SUV	2021	03/11/21	Ford	Utility	1FM5K8AB2MGA64581		12,133	94,555	$8,511
CAR 6	6WFD	SUV	2023	02/16/24	Chevrolet	Tahoe	1GNSKLED1PR471751		5,219	54,107	
CAR 7	7WFD	SUV	2023	08/25/24	Ford	Utility	1FM5K8AB5PGB12286		2,174	14,483	
CAR 8	8WFD	SUV	2020	04/01/20	Chevrolet	Tahoe	1GNSKDEC5LR276498		13,145	95,123	
CAR 9	9 WFD	SUV	2023	10/01/24	FORD	Utility	1FM5K8AB0PGB98641		2,073	18,375	
CAR 10	10WFD	SUV	2021	03/11/21	FORD	Utility	1FM5K8AB4MGA64582		14,003	123,583	$12,879
CAR 11	11WFD	SUV	2021	03/11/21	FORD	Utility	1FM5K8AB6MGA64583		13,572	95,329	$9,966
CAR 12	12WFD	SUV	2023	09/15/24	Ford	Utility	1FM5K8AB4PGB99355		3,150	24,063	
CAR 13	13WFD	SUV	2021	03/11/21	Ford	Utility	1FM5K8AB8MGA64584		14,564	126,586	$12,044
CAR 14	14WFD	CRUISER	2023	04/02/24	Chevrolet	Tahoe	1GNSKLED4PR276856		1,040	10,484	
CAR 15	AG43371	TRUCK	2017	01/25/17	Chevrolet	Silverado	3GCUKNEC4HG276088		6,379	76,455	
CAR 16	16WFD	SUV	2023	02/16/24	Ford	Utility	1FM5K8AB8PGA04034		4,894	30,575	
CAR 17	17WFD	SUV	2023	09/15/24	Ford	Utility	1FM5K8AB4PGB12053		3,809	30,080	
CAR 18	18WFD	CAR	2023	10/07/24	Ford	Utility	1FM5K8AB1PGB12169		3,200	26,730	
CAR 19	19WFD	SUV	2021	03/11/21	Ford	Utility	1FM5K8ABXMGA64585		15,947	116,185	$10,705
CAR 20	AB38068	SUV	2022	10/05/22	Ford	Utility	1FM5K8AB6NGB76852	Ferland	795	22,855	
CAR 21	21WFD	SUV	2022	02/18/22	Ford	Utility	1FM5K8AB3NGA27430		2,879	25,895	
CAR 22	22WFD	Road Job	2019	02/16/24	Chevy	Tahoe	1GNSKDEC0KR392402		15,372	146,775	
* CAR 23	AG79330	CAR	2017	01/31/17	Ford	Utility	1FM5K8AR5HGB83275	Bonkowski	2,114	49,710	$1,266
CAR 24	BT16402	SUV	2023	01/10/25	Ford	Utility	1FM5K8AB4PGA81497	Det Sgt	280	6,424	
CAR 25	583UTH	SUV	2023	09/01/23	Ford	Utility	1FM5K8AB4PGA04015	VanOverloop	960	21,630	
CAR 26	584UTH	SUV	2022	02/11/22	Ford	Utility	1FM5K8AB6NGA27373	Chief's	1,086	25,525	

[redacted] - Pending Replacement

										HOURS	MILES	REPAIRS
*	CAR 27	8AMLP7	SUV	2017	10/17/16	Ford	Utility	1FM5K8AR6HGA79474	Carroll	2830	66,913	$855
	CAR 28	931 PHE	SUV	2025	07/21/25	Ford	Utility	1FM5K8ABXSGB47236	Investigator	14	276	
	CAR 29	[redacted]	CRUISER	2014	05/13/14	Chevrolet	Caprice	6G3NS5R34EL958190	[redacted]	5,073	126,610	
*	CAR 30	156MCM	SUV	2018	03/16/18	Ford	Utility	1FMK8AR9JGA84867	O'Connell	2,306	49,060	$1,826
	CAR 31	BT 75227	SUV	2025	03/12/25	Ford	Utility	1FMK8AB6SGA54343	Flanagan	132	3,045	
	CAR 34	AB38069	Do Not Replace	2016	03/12/25	Ford	PIU	1FM5K8AR9GGB19609	Fredricks	5,151	96,180	
	CAR 101	54WFD	Do Not Replace	1985	04/29/13	Humvee		011418				
	PD1	152WFD		1993	01/02/93	CROSS	59 TRAILER	1C9FS0917P1431062				
	CAR 35	154 WFD	Do Not Replace	2013	09/21/22	FORD	VAN BUS	1FDEE3FS8DDB28949	SRT Van			
	CAR 36	AF 75082	Do Not Replace	2015	10/07/14	Ford	Utility	1FM5K8AR0FGA89060	Academy Commuter			
	CV1	118 WFD	Do Not Replace	1998	Unkown	Ford	Amb Body	1FDXE40F2WHB92670	Cmd Post			

Vehicles Report

Town of Waterford - Public Works

45 records

Report generated on 12/17/2025 8:47 AM by Kimberly Allen

Filters

Vehicle Group is any of or any subgroup of: POLICE

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2028422	ATV1	POLICE	2007	KAWASAKI	MULE OFF ROAD UTILITY VEHICLE	ALL TERRAIN VEHICLE	827.0	hr	Active	JK1AFEA127B534391		3.39
2028423	ATV2	POLICE	2017	POLARIS	A17SEA57A5 ATV	ALL TERRAIN VEHICLE	365.0	mi	Active	4XASEA571HA071534	G4737	
2028424	ATV3	POLICE	2017	POLARIS	A17SEA57A5 ATV	ALL TERRAIN VEHICLE	354.0	mi	Active	4XASEA571HA085837	G6071	2.26
4604581	CAR1	POLICE	2025	Chevrolet	Tahoe	CRUISER	339.0	hr	Active	1GNS6UEDXSR403449	377MHN	
2028426	CAR10	POLICE	2021	Ford	Explorer	PATROL	131638.0	mi	Active	1FM5K8AB4MGA64582	10WFD	0.13
2028541	CAR101	POLICE	1985	Humvee	1 1/4-ton Utility Vehicle (Military Surplus)	1 1/4-ton Utility Vehicle (Military Surplus) (diesel)	8544.0	mi	Active	11418	31WFD	89.28
2028428	CAR11	POLICE	2021	Ford	Explorer	PATROL	100730.0	mi	Active	1FM5K8AB6MGA64583	11WFD	0.15
3547977	CAR12	POLICE	2023	Ford	Explorer	PATROL	31975.0	mi	Active	1FM5K8AB4PGB99355	12WFD	0.07
2028430	CAR13	POLICE	2021	Ford	Explorer	PATROL	129830.0	mi	Active	1FM5K8AB8MGA64584	13WFD	0.15
3280250	CAR14	POLICE	2023	Chevrolet	Tahoe	PATROL	15945.0	mi	Active	1GNSKLED4PR276856	14WFD	0.09
2028432	CAR15	POLICE	2017	Chevrolet	Silverado 1500	PATROL	78455.0	mi	Active	3GCUKNEC4HG276068	AG43371	0.34
3183775	CAR16	POLICE	2023	Ford	Explorer	PATROL	34630.0	mi	Active	1FM5K8AB8PGA04034	16WFD	0.11
3539696	CAR17	POLICE	2023	Ford	Explorer	PATROL	32449.0	mi	Active	1FM5K8AB4PGB12053	17WFD	0.13
3608966	CAR18	POLICE	2023	Ford	Explorer	PATROL	34730.0	mi	Active	1FM5K8AB1PGB12169	18WFD	0.09
2513580	CAR19	POLICE	2021	Ford	Explorer	PATROL	123334.0	mi	Active	1FM5K8ABXMGA64585	19WFD	0.21

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2028434	CAR2	POLICE	2019	Ford	Explorer	PATROL	113815.0	mi	Active	1FM5K8AR6KGB14599	2WFD	0.13
2028437	CAR20	POLICE	2022	Ford	Explorer	Passenger/Admin	27700.0	mi	Active	1FM5K8AB6NGB76852	AB38068	0.08
2028453	CAR21	POLICE	2022	Ford	Utility Interceptor	PATROL	29790.0	mi	Active	1FM5K8AB3NGA27430	4WFD	0.11
2028455	CAR22	POLICE	2019	Chevrolet	Tahoe	PATROL	147445.0	mi	Active	1GNSKDEC0KR392402	22WFD	0.19
2028442	CAR23	POLICE	2017	Ford	Utility Interceptor	PATROL	50715.0	mi	Active	1FM5K8AR5HGB83275	AG79330	0.08
3761324	CAR24	POLICE	2023	Ford	Explorer	Passenger/Admin	11710.0	mi	Active	1FM5K8AB4PGA81497		0.03
2498586	CAR25	POLICE	2023	Ford	Explorer	PATROL	17285.0	mi	Active	1FM5K8AB4PGA04015	583UTH	0.02
2028445	CAR26	POLICE	2022	Ford	Utility Interceptor	PATROL	25525.0	mi	Active	1FM5K8AB6NGA27373	584UTH	0.02
2028446	CAR27	POLICE	2017	Ford	Utility Interceptor	Passenger/Admin	67760.0	mi	Active	1FM5K8AR6HGA79474	8AMLP7	0.02
4227005	CAR28	POLICE	2025	Ford	Explorer	Passenger/Admin	276.2	mi	Active	1FM5K8ABXSGB47236	931PHE	
2028448	CAR29	POLICE	2014	Chevrolet	Caprice	PATROL	126610.0	mi	Active	6G3NS5R34EL958190	935GHH	0.11
3868478	CAR3	POLICE	2025	Ford	Explorer	PATROL	8280.0	mi	Active	1FM5K8AB7SGB05204	3WFD	0.14
2028449	CAR30	POLICE	2018	Ford	Utility Interceptor	Passenger/Admin	49060.0	mi	Active	1FM5K8AR9JGA84867	156MCM	0.11
3899355	CAR31	POLICE	2025	Ford	Explorer	Passenger/Admin	5150.0	mi	Active	1FM5K8AB6SGA54343	BT75227	0.09
2028451	CAR33	POLICE	2005	Honda	Accord (Asset Forfeiture)	Passenger/Admin	0.0	mi	Active	1HGCM66845A04811	236DJW	
2028450	CAR34	POLICE	2016	Ford	Utility Interceptor	Passenger/Admin	99430.0	mi	Active	1FM5K8AR9GGB19609	AB38069	0.25
2028521	CAR35	POLICE	2013	Ford	E-Series Chassis	Passenger/Admin	124085.0	mi	Active	1FDEE3FS8DDB28949	23979	0.06
2028447	CAR36	POLICE	2015	Ford	Utility Interceptor	Passenger/Admin	78780.0	mi	Active	1FM5K8AR0FGA89060	AF75082	0.12
2028440	CAR4	POLICE	2022	Ford	Utility Interceptor	PATROL	79998.0	mi	Active	1FM5K8AB3NGA27556	4WFD	0.14
2028454	CAR5	POLICE	2021	Ford	Explorer	PATROL	98338.0	mi	Active	1FM5K8AB2MGA64581	5WFD	0.12
3180612	CAR6	POLICE	2023	Chevrolet	Tahoe	PATROL	60882.0	mi	Active	1GNSKLED1PR471751	6WFD	0.14

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
3529205	CAR7	POLICE	2023	Ford	Explorer	PATROL	14407.0	mi	Active	1FM5K8AB5PGB12286	7WFD	0.04
2028457	CAR8	POLICE	2020	Chevrolet	Tahoe	PATROL	98915.0	mi	Active	1GNSKDEC5LR276498	8WFD	0.23
3608911	CAR9	POLICE	2023	Ford	Explorer	PATROL	28795.0	mi	In Shop	1FM5K8AB0PGB98641	9WFD	0.08
2028459	CP1	POLICE	1998	Ford	E-Series Chassis	Command Post	51592.0	mi	Active	1FDXE40F2WHB92670	118WFD	32.88
2028510	EM1	POLICE	2006	Ford	F-350 Super Duty	Truck	60521.0	mi	Active	1FDWW31P76EB60910	337WFD	0.48
2028452	OLDCAR34	POLICE	2011	Ford	Taurus	Passenger/Admin	187015.0	mi	Out of Service	1FAHP2HW1BG145602	931PHE	0.08
2095547	PD1	POLICE	1993	CROSS	59 TRAILER	BOX TRAILER	0.0	mi	Active	1C9FS0917P1431062	152WFD	
2028460	PD2	POLICE	2012	Sea Ark Marine 2810V	28' Dauntless Ram Patrol BOAT AND PROPULSION PKG	Boat (Police)	0.0	mi	Active	SAMA2026H111	N/A	
2741751	PD800	POLICE	2013	POLARIS	RANGER CREW	ALL TERRAIN VEHICLE	4192.0	mi	Active	4XAWH76A9D2713010		1.96

Service History by Vehicle

Town of Waterford - Public Works

75 records

Report generated on 12/17/2025 8:53 AM by Kimberly Allen

Filters

Time Frame: Jul 1, 2025 - Dec 17, 2025 **Vehicle Groups:** Police

Labor Cost
$14,533.73

Parts Cost
$20,751.59

Total Cost
$35,285.32

Vehicle

ATV1

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38815243	07/14/2025 9:00 AM	07/18/2025 3:00 PM	4 days 6 hrs 0 mins		827 hr	Battery Test	Battery	$41.88	$0.00	$41.88
							Total Amount	$41.88	$0.00	$41.88

Vehicle

CAR10

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43375885	12/15/2025 12:30 PM	12/16/2025 12:00 PM	23 hrs 30 mins		131,638 mi	Preventative Maintenance • Transmission Fluid Drain & Refill • Tire Replacement • Rear Disc and Pad Replacement	Due for routine maintenance	$209.40	$517.69	$727.09
41363927	10/06/2025 7:30 AM	10/09/2025 8:30 AM	3 days 1 hr 0 mins		126,202 mi	Preventative Maintenance • Water Pump Replacement • Tire Replacement	Due for service	$418.80	$1,033.49	$1,452.29
39793705	08/18/2025 8:00 AM	08/18/2025 2:00 PM	6 hrs 0 mins		122,397 mi	Preventative Maintenance • Tire Replacement	Maintenance due	$209.40	$178.96	$388.36
							Total Amount	$837.60	$1,730.14	$2,567.74

Vehicle

CAR101

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39199086	07/29/2025 8:41 AM	08/01/2025 8:41 AM	3 days 0 hrs 0 mins		8,544 mi	Battery Replacement	Battery	$48.49	$478.00	$526.49
							Total Amount	$48.49	$478.00	$526.49

Vehicle

CAR11

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43070449	12/08/2025 7:30 AM	12/08/2025 9:00 AM	1 hr 30 mins		100,730 mi	Tire Replacement	Flat tire	$62.82	$119.89	$182.71
42268906	11/05/2025 7:30 AM	11/05/2025 3:30 PM	8 hrs 0 mins		99,208 mi	Preventative Maintenance • Front Brake Pads & Rotor Replacement • Rear Disc and Pad Replacement • window switch	Due for service/ Oil change	$335.04	$652.71	$987.75
40472761	09/10/2025 3:00 PM	09/11/2025 10:00 AM	19 hrs 0 mins		95,897 mi	Preventative Maintenance • Module Reporgraming	Due for service/ Oil change	$125.64	$27.45	$153.09
40064243	08/27/2025 7:30 AM	08/27/2025 9:30 AM	2 hrs 0 mins		95,042 mi	Towing/Roadside Assistance • Tire Replacement		$83.76	$168.18	$251.94
38815185	07/18/2025 9:00 AM	07/22/2025 2:00 PM	4 days 5 hrs 0 mins		92,765 mi	TPMS Sensor Replacement • Tire Replacement • Engine Diagnosis • Preventative Maintenance	Tire pressure light, back r...	$230.34	$239.89	$470.23
38335481	07/07/2025 7:30 AM	07/08/2025 9:00 AM	1 day 1 hr 30 mins		92,340 mi	DIAG Check Engine Light • TPMS (Miscellaneous)	Tire Pressure and Check Eng...	$418.80	$45.07	$463.87
							Total Amount	$1,256.40	$1,253.19	$2,509.59

Vehicle

CAR12

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42585104	11/17/2025 1:30 PM	11/18/2025 10:30 AM	21 hrs 0 mins		31,975 mi	Preventative Maintenance • Transmission Fluid Drain & Refill • Module Reporgraming	Routine maintenance	$167.52	$145.96	$313.48
40978037	09/26/2025 7:30 AM	09/26/2025 10:30 AM	3 hrs 0 mins		27,271 mi	Preventative Maintenance • Module Reporgraming	Oil change	$125.64	$26.58	$152.22
39827801	08/18/2025 3:00 PM	08/19/2025 2:00 PM	23 hrs 0 mins		24,063 mi	Preventative Maintenance • Rear Disc and Pad Replacement • Tire Replacement	Oil Change	$209.40	$553.10	$762.50
							Total Amount	$502.56	$725.64	$1,228.20

Vehicle

CAR13

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42673471	11/18/2025 11:30 AM	11/20/2025 11:30 AM	2 days 0 hrs 0 mins		129,830 mi	Preventative Maintenance • Shock or Strut Replacement • Module Reporgraming • TPMS Sensor Replacement • Front Brake Pads & Rotor Replacement • Front Stabilizer Bar Link Replacement	Service • R/F Strut Noise	$335.04	$629.44	$964.48
40412870	09/08/2025 10:00 AM	09/09/2025 12:00 PM	1 day 2 hrs 0 mins		126,745 mi	Preventative Maintenance • TPMS Sensor Replacement • Engine Diagnosis • Module Reporgraming		$335.04	$76.56	$411.60
38516568	07/14/2025 7:30 AM	07/14/2025 11:30 AM	4 hrs 0 mins		124,195 mi	Preventative Maintenance • TPMS Sensor Replacement • Engine Diagnosis	Routine service and 1 other...	$167.52	$68.00	$235.52
							Total Amount	$837.60	$774.00	$1,611.60

Vehicle

CAR14

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42072674	10/29/2025 10:00 AM	10/30/2025 2:00 PM	1 day 4 hrs 0 mins		15,945 mi	Preventative Maintenance • Tire Replacement		$167.52	$654.80	$822.32
39523117	08/08/2025 8:00 AM	08/08/2025 12:00 PM	4 hrs 0 mins		10,484 mi	Preventative Maintenance	LOF Service	$83.76	$57.10	$140.86
							Total Amount	$251.28	$711.90	$963.18

Vehicle

CAR16

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42559414	11/17/2025 10:15 AM	11/17/2025 12:15 PM	2 hrs 0 mins		34,630 mi	Preventative Maintenance	Routine Maintenance	$83.76	$58.39	$142.15
40865901	09/24/2025 7:30 AM	09/24/2025 8:30 AM	1 hr 0 mins		31,060 mi	Tire Replacement		$41.88	$119.89	$161.77
40368516	09/04/2025 2:30 PM	09/08/2025 10:00 AM	3 days 19 hrs 30 mins		30,575 mi	Preventative Maintenance • Transmission Fluid Drain & Refill • Transfer Case Fluid Drain & Refill • Front Brake Pads & Rotor Replacement • Tire Replacement • Module Reporgraming	Oil Change	$502.56	$775.44	$1,278.00
38584460	07/16/2025 8:00 AM	07/16/2025 11:30 AM	3 hrs 30 mins		27,310 mi	Preventative Maintenance • Tire Replacement	Routine Maintenance	$146.58	$197.98	$344.56
							Total Amount	$774.78	$1,151.70	$1,926.48

Vehicle

CAR17

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42712665	11/20/2025 1:00 PM	11/21/2025 12:00 PM	23 hrs 0 mins		32,449 mi	Preventative Maintenance • Transmission Fluid Drain & Refill • Module Reporgraming • Front Brake Pads & Rotor Replacement	Oil Change (Overdue)	$251.28	$552.13	$803.41
41880281	10/22/2025 8:00 AM	10/23/2025 12:00 PM	1 day 4 hrs 0 mins		30,279 mi	Electrical diagnostics • Battery Replacement	Backup Camera Screen	$544.44	$223.63	$768.07
39912636	08/21/2025 12:30 PM	08/21/2025 2:30 PM	2 hrs 0 mins		30,080 mi	Electrical diagnostics	Reverse Camera in Rearview ...	$83.76	$0.00	$83.76
39123102	07/30/2025 7:30 AM	07/30/2025 3:00 PM	7 hrs 30 mins		28,553 mi	Preventative Maintenance • Exterior Bulb Replacement • Rear pads & rotor replacemnt • Tire Balance	Oil Change	$251.28	$340.44	$591.72
							Total Amount	$1,130.76	$1,116.20	$2,246.96

Vehicle

CAR18

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42513156	11/13/2025 11:00 AM	11/14/2025 10:00 AM	23 hrs 0 mins		34,730 mi	Preventative Maintenance • Module Reporgraming • Front Brake Pads & Rotor Replacement	Service due • Due for service	$209.40	$404.08	$613.48
40961844	09/25/2025 11:00 AM	09/25/2025 3:30 PM	4 hrs 30 mins		29,797 mi	Preventative Maintenance • Transmission Fluid Drain & Refill	Service due	$167.52	$146.02	$313.54
39942577	08/22/2025 7:30 AM	08/22/2025 2:33 PM	7 hrs 3 mins		26,730 mi	Preventative Maintenance • Exterior Bulb Replacement • Rear Disc and Pad Replacement	Service due	$188.46	$255.59	$444.05
							Total Amount	$565.38	$805.69	$1,371.07

Vehicle

CAR19

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43300263	12/10/2025 8:00 AM	12/12/2025 10:30 AM	2 days 2 hrs 30 mins		123,334 mi	Cooling System Leak Inspection • Battery Replacement	Overheat	$209.40	$475.89	$685.29
42463545	11/12/2025 9:00 AM	11/12/2025 3:30 PM	6 hrs 30 mins		121,255 mi	Preventative Maintenance • Tire Replacement • Module Reporgraming	Service - #105	$251.28	$502.49	$753.77
41177489	09/30/2025 2:00 PM	10/02/2025 9:00 AM	1 day 19 hrs 0 mins		118,125 mi	Engine Diagnosis • Transmission Fluid Drain & Refill • Module Reporgraming	Check Engine Light	$418.80	$1,352.89	$1,771.69
40880935	09/24/2025 9:30 AM	09/24/2025 1:30 PM	4 hrs 0 mins		117,860 mi	Preventative Maintenance • Engine Diagnosis	Service - #105	$167.52	$23.47	$190.99
40514226	09/12/2025 9:00 AM	09/12/2025 3:00 PM	6 hrs 0 mins		116,765 mi	Engine Diagnosis	Check Engine Light	$167.52	$0.00	$167.52
39863013	08/19/2025 2:30 PM	08/20/2025 10:30 AM	20 hrs 0 mins		114,897 mi	Preventative Maintenance • TPMS Sensor Replacement • Module Reporgraming	Oil change. Tire pressure s...	$167.52	$72.14	$239.66
38482742	07/10/2025 2:30 PM	07/11/2025 2:33 PM	1 day 0 hrs 3 mins		111,610 mi	Preventative Maintenance • Engine Diagnosis • Module Reporgraming • TPMS Sensor Replacement	Oil Change - Maselli #105	$293.16	$130.73	$423.89
							Total Amount	$1,675.20	$2,557.61	$4,232.81

Vehicle

CAR2

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38228080	07/01/2025 10:30 AM	07/02/2025 8:30 AM	22 hrs 0 mins		113,815 mi	Preventative Maintenance • Module Reporgraming	Overdue oil change	$125.64	$79.33	$204.97
							Total Amount	$125.64	$79.33	$204.97

Vehicle

CAR20

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41230820	10/01/2025 2:00 PM	10/03/2025 11:30 AM	1 day 21 hrs 30 mins		27,700 mi	Preventative Maintenance • Rear Disc and Pad Replacement • Module Reporgraming • Front Brake Pads & Rotor Replacement	Oil change & brakes pulsating	$209.40	$721.11	$930.51
							Total Amount	$209.40	$721.11	$930.51

Vehicle

CAR21

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42830403	11/26/2025 7:30 AM	11/26/2025 3:00 PM	7 hrs 30 mins		29,790 mi	Preventative Maintenance • Rear Disc and Pad Replacement • Transmission Fluid Drain & Refill • Front Brake Pads & Rotor Replacement	Routine Service	$293.16	$793.92	$1,087.08
							Total Amount	$293.16	$793.92	$1,087.08

Vehicle

CAR22

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41967685	10/27/2025 1:00 PM	10/27/2025 2:00 PM	1 hr 0 mins		147,445 mi	Battery Replacement	Battery issue	$41.88	$223.63	$265.51
38269208	07/02/2025 9:30 AM	07/03/2025	1 day		146,775 mi	Engine Diagnosis • Preventative Maintenance	Engine Shuttering	$149.89	$63.00	$212.89
							Total Amount	$191.77	$286.63	$478.40

Vehicle

CAR23

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40817439	09/23/2025 8:00 AM	09/23/2025 3:00 PM	7 hrs 0 mins		50,715 mi	Electrical diagnostics • Rear Disc and Pad Replacement	Battery light	$209.40	$176.52	$385.92
38440089	07/09/2025 2:30 PM	07/10/2025 10:00 AM	19 hrs 30 mins		49,710 mi	Preventative Maintenance • General Welding & Fabrication • Module Reporgraming		$209.40	$57.10	$266.50
							Total Amount	$418.80	$233.62	$652.42

Vehicle

CAR24

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42172555	11/03/2025 8:30 AM	11/03/2025 11:30 AM	3 hrs 0 mins		11,710 mi	Preventative Maintenance • Module Reporgraming	Service Due	$125.64	$22.98	$148.62
39107545	07/30/2025 11:00 AM	07/30/2025 11:30 AM	30 mins		6,424 mi	Cabin Air Filter Replacement		$20.94	$19.98	$40.92
							Total Amount	$146.58	$42.96	$189.54

Vehicle

CAR27

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42921583	12/02/2025 9:30 AM	12/02/2025 10:30 AM	1 hr 0 mins		67,760 mi	Battery Replacement	Battery	$41.88	$152.95	$194.83
38873429	07/23/2025 12:30 PM	07/24/2025 10:00 AM	21 hrs 30 mins		66,347 mi	Preventative Maintenance • Tire Balance • Module Reporgraming		$167.52	$22.93	$190.45
							Total Amount	$209.40	$175.88	$385.28

Vehicle
CAR3

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41230136	10/03/2025 8:30 AM	10/03/2025 11:30 AM	3 hrs 0 mins		8,280 mi	Preventative Maintenance • Module Reporgraming	Service	$125.64	$76.51	$202.15
38265248	07/02/2025 2:00 PM	07/03/2025 10:00 AM	20 hrs 0 mins		4,865 mi	Preventative Maintenance • Module Reporgraming	Vehicle Service	$251.28	$22.58	$273.86
							Total Amount	$376.92	$99.09	$476.01

Vehicle
CAR30

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39615032	08/12/2025 11:32 AM	08/12/2025 1:00 PM	1 hr 28 mins		49,060 mi	HVAC (Miscellaneous)		$25.85	$0.00	$25.85
38134328	06/30/2025 9:30 AM	07/01/2025 10:00 AM	1 day 0 hrs 30 mins		48,475 mi	Preventative Maintenance • Battery Replacement • General Welding & Fabrication	PM	$246.18	$212.30	$458.48
							Total Amount	$272.03	$212.30	$484.33

Vehicle
CAR31

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41302517	10/06/2025 1:00 PM	10/07/2025 9:00 AM	20 hrs 0 mins		5,150 mi	General Welding & Fabrication		$167.52	$0.00	$167.52

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40616266	09/17/2025 8:30 AM	09/17/2025 9:00 AM	30 mins		4,700 mi	Cabin Air Filter Replacement		$20.94	$19.98	$40.92
38409095	07/09/2025 8:00 AM	07/09/2025 2:00 PM	6 hrs 0 mins		3,045 mi	Preventative Maintenance • Module Reporgraming	Oil Change / Routine Service	$209.40	$22.58	$231.98
							Total Amount	$397.86	$42.56	$440.42

Vehicle

CAR34

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41347242	10/08/2025 7:30 AM	10/08/2025 2:30 PM	7 hrs 0 mins		99,430 mi	Preventative Maintenance • DIAG Check Engine Light	Oil Change	$125.64	$59.75	$185.39
							Total Amount	$125.64	$59.75	$185.39

Vehicle

CAR35

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38409323	06/17/2025 10:00 AM	07/09/2025 2:45 PM	22 days 4 hrs 45 mins		124,085 mi	A/C Diagnostics	A/C	$490.56	$510.08	$1,000.64
							Total Amount	$490.56	$510.08	$1,000.64

Vehicle

CAR36

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39894828	08/20/2025 2:00 PM	08/21/2025 11:00 AM	21 hrs 0 mins		78,780 mi	Preventative Maintenance • Module Reporgraming	Front Windshield Trim	$125.64	$57.64	$183.28
							Total Amount	$125.64	$57.64	$183.28

Vehicle

CAR4

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42114766	10/30/2025 12:30 PM	10/31/2025 12:30 PM	1 day 0 hrs 0 mins		79,998 mi	Preventative Maintenance • Front Brake Pads & Rotor Replacement	Oil change	$167.52	$421.29	$588.81
40632570	09/17/2025 9:00 AM	09/17/2025 3:00 PM	6 hrs 0 mins		76,310 mi	Preventative Maintenance	Oil change	$83.76	$23.47	$107.23
39355862	08/04/2025 10:30 AM	08/05/2025 2:00 PM	1 day 3 hrs 30 mins		73,015 mi	Preventative Maintenance • Tire Replacement • Rear Disc and Pad Replacement • TPMS Sensor Replacement • Fuel Tank Filler Cap	Routine Maintenance	$335.04	$891.17	$1,226.21
							Total Amount	$586.32	$1,335.93	$1,922.25

Vehicle

CAR5

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42246856	11/03/2025 1:30 PM	11/04/2025	1 day		98,338 mi	Preventative Maintenance • Camera Replacement	Oil Change • Backup camera	$167.52	$61.55	$229.07
39066839	07/29/2025 8:00 AM	07/29/2025 3:00 PM	7 hrs 0 mins		92,967 mi	Preventative Maintenance • TPMS Sensor Replacement • Rear Disc and Pad Replacement • Tire Replacement	Oil and tire pressure light	$251.28	$415.46	$666.74
							Total Amount	$418.80	$477.01	$895.81

Vehicle

CAR6

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42814455	11/25/2025 8:00 AM	11/25/2025 3:30 PM	7 hrs 30 mins		60,882 mi	Preventative Maintenance • Transmission Fluid Drain & Refill	LOF Service	$167.52	$104.08	$271.60
40452488	09/09/2025 1:30 PM	09/10/2025 2:30 PM	1 day 1 hr 0 mins		57,650 mi	Preventative Maintenance • Transfer Case Fluid Drain & Refill • Front Brake Pads & Rotor Replacement	LOF Service	$209.40	$839.46	$1,048.86
39204218	07/31/2025 8:00 AM	08/01/2025 11:00 AM	1 day 3 hrs 0 mins		54,107 mi	Preventative Maintenance • Rear Disc and Pad Replacement	LOF Service	$251.28	$481.46	$732.74
38334852	07/08/2025	07/08/2025			51,652 mi	Tire Replacement		$48.49	$157.32	$205.81
							Total Amount	$676.69	$1,582.32	$2,259.01

Vehicle

CAR7

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40201812	09/02/2025 8:00 AM	09/02/2025 12:00 PM	4 hrs 0 mins		14,407 mi	Preventative Maintenance • Module Reporgraming	PM	$167.52	$24.42	$191.94
							Total Amount	$167.52	$24.42	$191.94

Vehicle

CAR8

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43241290	12/09/2025 9:30 AM	12/10/2025 1:00 PM	1 day 3 hrs 30 mins		98,915 mi	Preventative Maintenance • Water Pump Replacement	Oil Change	$251.28	$512.37	$763.65

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42078384	10/30/2025 8:30 AM	10/30/2025 10:30 AM	2 hrs 0 mins		96,950 mi	TPMS Sensor Replacement	TPMS	$41.88	$48.93	$90.81
41620181	10/15/2025	10/15/2025			96,426 mi	Headlamp Bulb Replacement		$12.12	$12.28	$24.40
40296846	09/03/2025 1:00 PM	09/04/2025 2:00 PM	1 day 1 hr 0 mins		95,195 mi	Battery Test • Preventative Maintenance	Starting issue	$335.04	$472.78	$807.82
							Total Amount	$640.32	$1,046.36	$1,686.68

Vehicle

CAR9

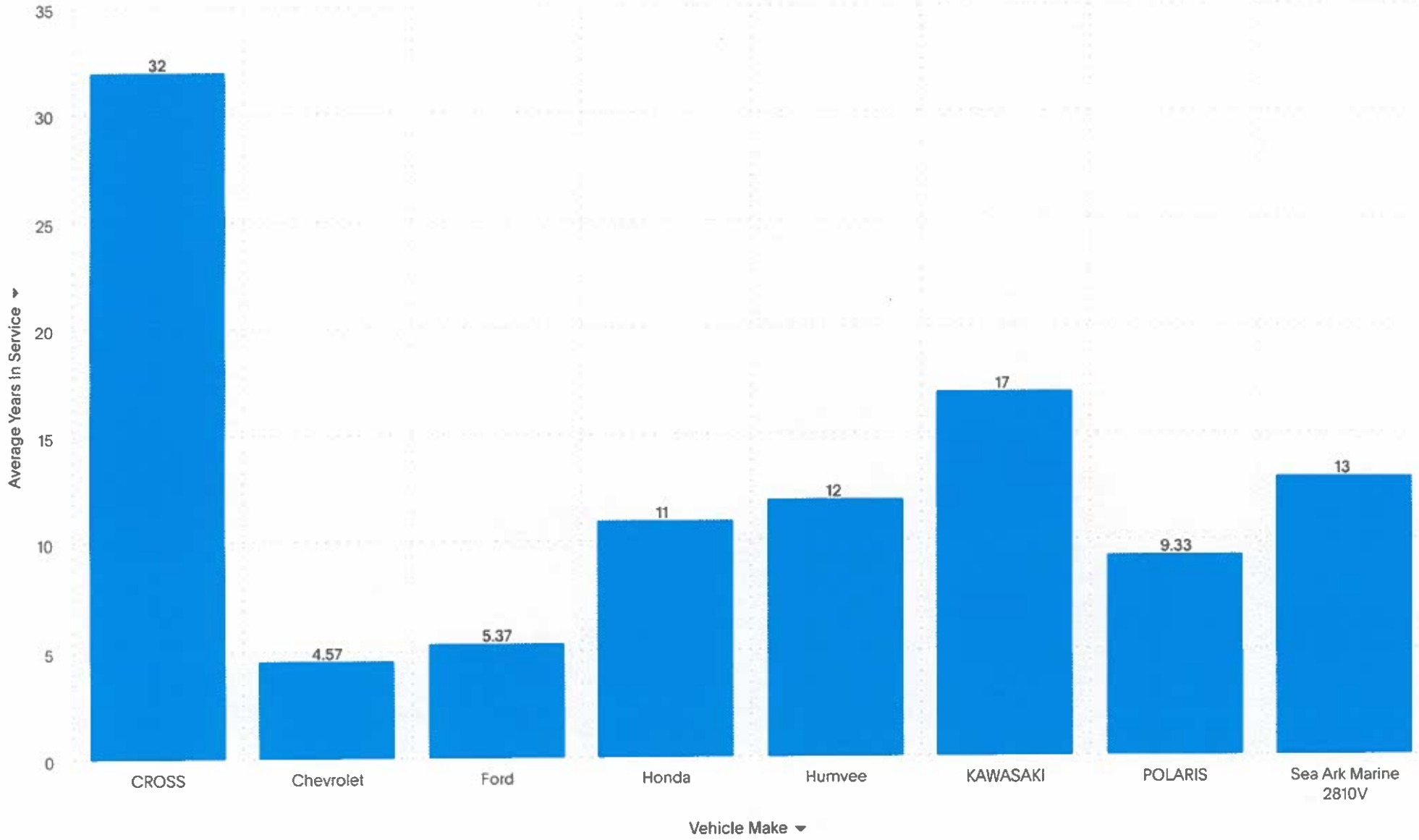
Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42291396	11/06/2025 9:30 AM	11/06/2025 12:00 PM	2 hrs 30 mins		24,838 mi	Preventative Maintenance	Due for routine maintenance...	$83.76	$22.93	$106.69
40701220	09/19/2025 8:00 AM	09/19/2025 4:10 PM	8 hrs 10 mins		21,550 mi	Preventative Maintenance • Tire Replacement • Front Brake Pads & Rotor Replacement • Rear Disc and Pad Replacement	Due for routine maintenance...	$293.16	$1,116.58	$1,409.74
							Total Amount	$376.92	$1,139.51	$1,516.43

Vehicle

CP1

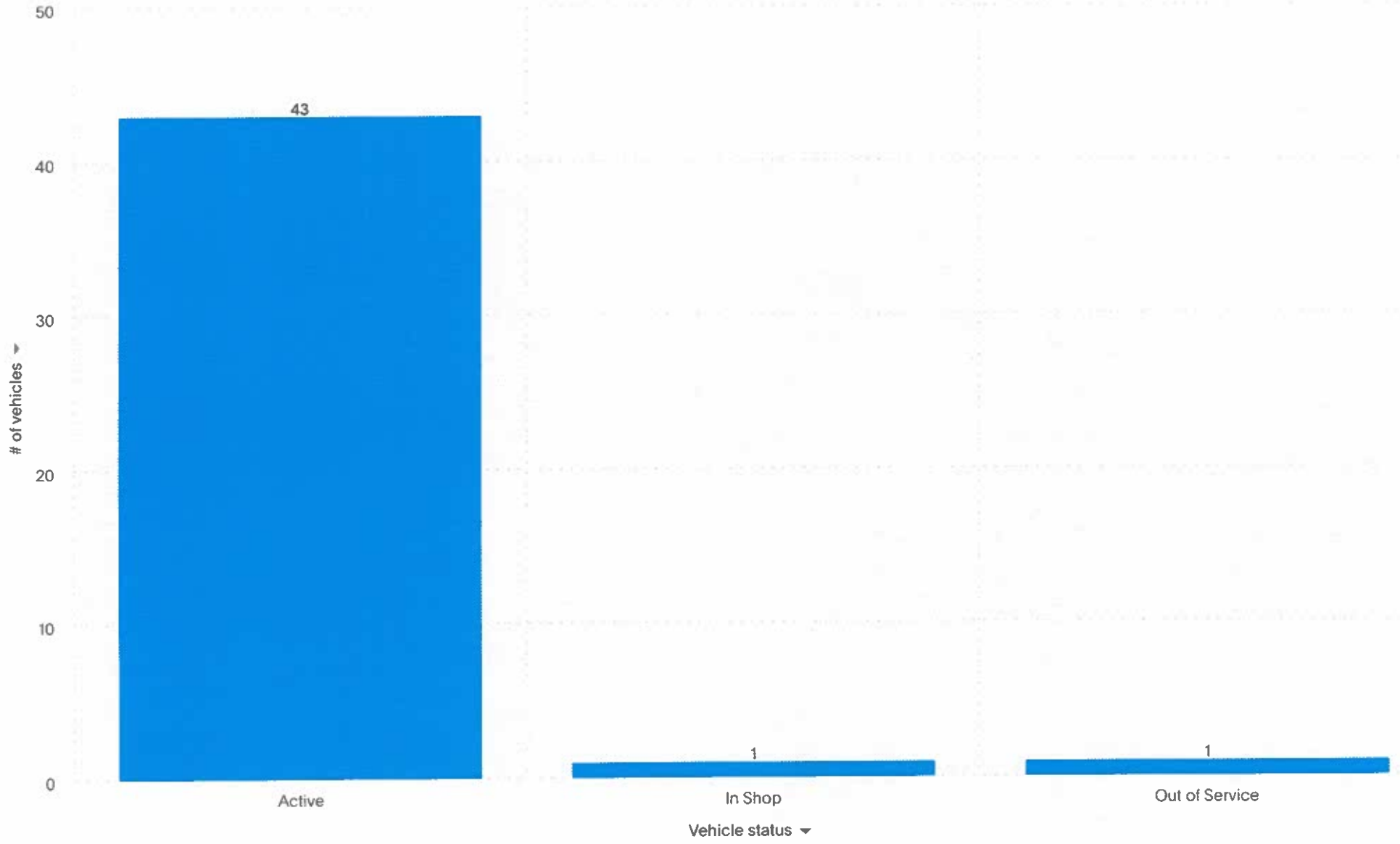
Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39719644	08/06/2025 11:33 AM	08/15/2025 1:30 PM	9 days 1 hr 57 mins		51,592 mi	Fuel Leak • Battery Replacement • A/C System Evacuate & Recharge • Starter Motor Replacement	Transmission leak	$361.83	$527.10	$888.93
							Total Amount	$361.83	$527.10	$888.93

Average years in service



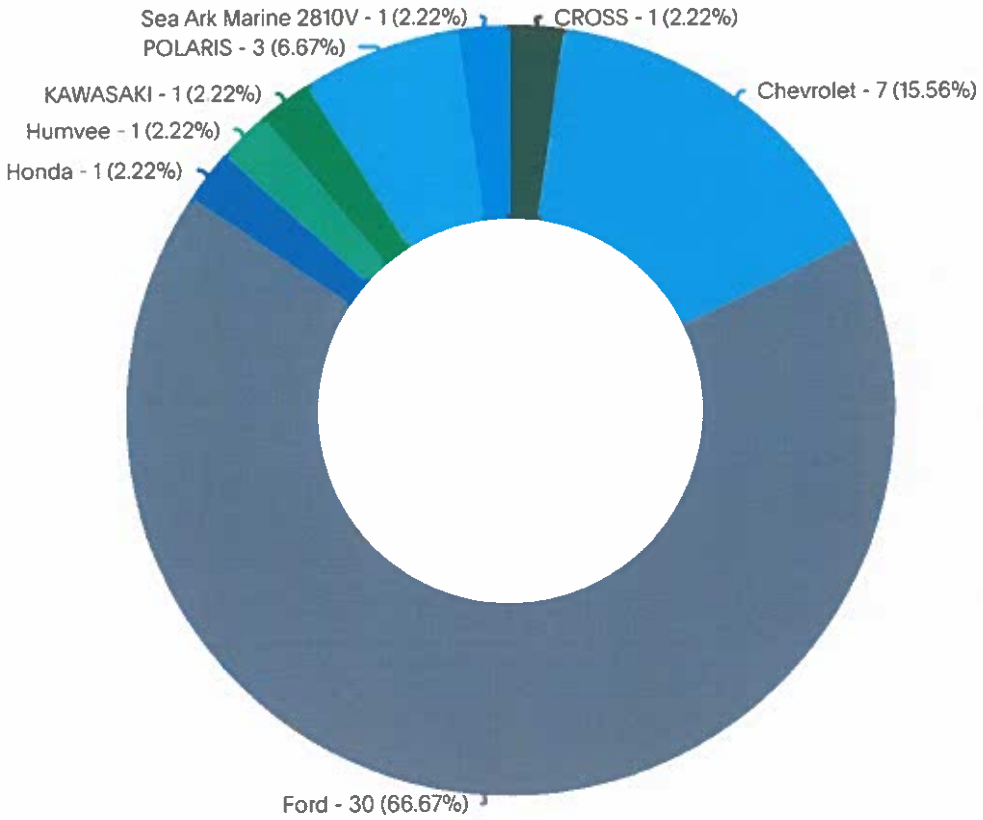
Showing 8 of 8 data points

Current status of active vehicles



Showing 3 of 3 data points

Active vehicles by make



Showing 8 of 8 data points

DATE: December 13, 2025

TO: Kim Allen, Director of Finance

FROM: Ryan McNamara, Director of Recreation and Parks

Subject: Fleet Plan and Variation Request

Request Summary:

The Fleet Plan for Recreation and Parks for FY'27

- Replace asset #P90: quoted attachment for BWise Trailer **$15,857.10**
- Replace asset #P63: quote attached for **$33,241**
- Replace asset #R11: quote attached for **$91,155**

Variance request:

- Move asset #P90 from 2028 to 2027 (quote attached for **$15,228)**
- Move #P54 out from 2027 to 2028 to offset costs (approx. $18,000 secured for P54)

1. **Early Replacement of P90 from FY'28 to FY'27:**

   The current trailer, scheduled for replacement in two years, cannot safely or efficiently transport heavier and more sophisticated equipment now required for operations. Delaying replacement risks operational inefficiencies, safety concerns, and potential downtime.

   Cost avoidance, risk mitigation, and other key factor support:
   - Prevents unplanned downtime that could result in lost productivity and missed deadlines.
   - Avoids costly repairs or modifications to the existing trailer, which would only provide temporary relief.
   - Reduces liability exposure from potential accidents or damage caused by inadequate equipment.
   - Protects high-value assets by ensuring safe transport.
   - A new trailer ensures efficient transport, reducing labor hours and fuel costs associated with multiple trips.
   - Supports operational growth by enabling movement of advanced equipment without delay, maximizing utilization of new assets.

2. **Deferred Acquisition of P54 from FY'27 to FY'28:**

   - **Reason:** Given the current condition and usability of our existing mower, it is feasible to extend its operational life for a few more months. This allows us to redirect funds towards more urgent equipment needs.

Conclusion:

Adjusting the fleet plan as proposed will optimize our budget and enhance operational efficiency. Deferring the mower acquisition ensures resource allocation to areas of greatest need. Your approval of this request will enable us to maintain a well-functioning fleet and continue delivering high-quality services.

*Our total Fleet request for FY'27 is **$140,253.48***

We appreciate your consideration of this fleet plan request.

Town Of Waterford

Attn: Josh

Kahn Tractor Equipment, Inc.
520 Pond Road
P. O. Box 38
North Franklin, CT 06254
860-642-7596
www.kahntractor.com
State Contract 17PSX0118

11/10/2025

Sales Quote
Peter Bezanson
860-213-1840

Qty	Tag #	Description	List Price	Discount	Less	Total
					0	0.00
1		Bwise EDB28-15 Deck Over Trailer	15,548.00	10%	1554.8	13,993.20
1		ST235/80R16 Spare Tire	330	10%	33	297.00
1		Spare tire mount	145	10%	14.5	130.50
1		Wood Filled Ramps	294	10%	29.4	264.60
16		D-Rings	672	10%	67.2	604.80
1		48" underbody tool box	630	10%	63	567.00
			0	10%	0	0.00
			0	10%	0	0.00
			0	10%	0	0.00
				10%	0	0.00
				10%	0	0.00
				10%	0	0.00
				10%	0	0.00
				10%	0	0.00
				10%	0	0.00
		TOTAL				15,857.10

This Order is valid only when signed and accepted by the Dealer.

Buyer:_____ Dealer:_____

Quote valid until:__12/31/2025_____

R11

```
CNGP530                    VEHICLE ORDER CONFIRMATION          10/23/25 07:27:52
=*> _________ ________________________________________              Dealer: F11222
                          2026 F-SERIES SD                          Page: 1 of 1
Order No: 0000     Priority: M1  Ord FIN: QS048  Order Type: SB Price Level: 630
Ord PEP:  650A Cust/Flt Name: WATERRFORD          PO Number:
                      RETAIL   DLR INV                          RETAIL   DLR INV
F4H   F450 4X4 CHAS/C $59270 $56306.00        16500# GVWR PKG
      145" WHEELBASE                     425  S0 STATE EMISS       NC         NC
W6    ~~GREEN GEM~~ ~~Arsenic~~ GG0    600.00  473  SNOW PLOW PREP      350    319.00
A     VNYL 40/20/40                            JOB #1 BUILD
S     MED DARK SLATE                     67A  350 AMP ALTRNTR      NC         NC
650A  PREF EQUIP PKG                     86M  DUAL BATTERY        210    191.00
      .XL TRIM                                 CONNECT PKG 1YR
572   .AIR CONDITIONER     NC         NC       SP FLT ACCT CR              (1673.00)
      .AMFM/MP3/CLK                            FUEL CHARGE                   23.44
99N   .7.3L DEV V8 ENG                         DEST AND DELIV    2595      2595.00
44G   10-SPD AUTOMATC      NC         NC  TOTAL BASE AND OPTIONS 63405   58652.44
TGJ   225 BSW AP 19.5                    TOTAL                    63405   58652.44
X48   4.88 REG AXLE        NC         NC  *THIS IS NOT AN INVOICE*
      FRT LICENSE BKT      NC         NC
18B   PLAT RUNNING BD     320     291.00
F1=Help                F2=Return to Order              F3/F12=Veh Ord Menu
F4=Submit    F5=Add to Library
F6=Add to Submit                                                  QC0604B
```

Budgeting 27'

Truck 57,500

Body 33,655.

91,155.

HARTFORD TRUCK EQUIPMENT
80 John Fitch Blvd, South Windsor, CT
800.200.0516 HartfordTruck.com
sales@hartfordtruck.com

QUOTATION

Quote: 101625-SB1 REV
Ref: 27 F550 60" CA DRW
End User:
Date: 10/15/25

Tasca Ford - Waterford

We are pleased to quote on the following:
One (1) **SH Truck Bodies** Mason/Contractor Dump Body model **DB4000-16-9.3** including,
- 3-4 Yard Steel Dump Body
- 9'3 Long x 96" Wide w/ 16" sides and 22" tailgate
- 10 ga. Steel Floor & Sides w/ 12 ga. Outer Wall Sides
- 3" Structural Channel Crossmembers on 12" Centers
- Front & Rear Posts 6" Higher Than Sides w/ Sideboard Brackets
- 18" Cab Shield w/ Brackets for Sideboards
- Painted Black w/ Primer Undercoat & Urethane Topcoat

Champion #SW-CS615T-SF Dbl-Acting Electric/Hydraulic Scissor Hoist w/Approx. 9.8 Cap.
Combo Pintle 2-5/16" Ball Installed & Reinforced to Frame w/Swivel D-Rings & 1/2" Thick Steel Plate
7 RV Style Trailer Plug
Manual Load Cover
97db Back Up Alarm**
Body Up Warning Alarm
Two (2) Rear Mud Flaps w/ Anti-Sail Brackets
Four (4) Corner LED Amber/Green lights two in grill, two in rear of dump
- Tied to switch in cab

One (1) **Fisher** plow model **9'6" XV2** w/ handheld controller. Including:
- 9'6" long x 31"-39" high. 8'6" (full angled), 8'2" (scooped), 8'7" (full V)
- Blade approximately weighs 1044 lbs,
- 14 gauge **STAINLESS STEEL** blade. Black powder coat finish on mounts
- 1 1/4" steel center pin for added strength and rigidity

One (1) **Fisher** electric **Poly-Caster 97520** sand/salt spreader. Including:
- 2.2 cu yd capacity
- Double wall polyethylene 8' long hopper
- Four (4) heavy duty sander tiedown straps (SANDERSTRAP)

One (1) 30" x 18" x 18" Stainless Steel Underbody Box C/S

Installed Budgetary Price: $ 33,655.00

Mandatory if vehicle is equipped with:	
Back Up Cam - Mount Cam & Tie Into OEM System	100.00
OPTIONS (Circle Desired Add-Ons):	
Bolt On 2" Receiver Tube Empty (104055) In Lieu Of 2-5/16 Multi Hitch (10055)	N/C
Hitch Mounted Tailgate Guard	145.00
Poly Fenders Installed In lieu of Mud Flaps	600.00

Initial : _____ Vin:_____ Date:_____

Terms: Net Due ETA: TBD.
For additional terms and signature complete 2nd page

Respectfully Submitted: Sean Breslin Hartford Truck Equipment Inc.
REV: 5/29/2025

tpc turf products

QUOTE

157 Moody Road • PO Box 1200 • Enfield, CT 06082
Main Office: (860) 763-3581 • FAX: (860) 763-5550

Prepared For: Ryan McNamara
Waterford Parks and Recreation
24 Rope Ferry Road Waterford, Connecticut
06385 United States

Ship To: Waterford Park Rec Rotary
Quote Number: 11.23.25
Quoted Date: Q197098
Prepared By: **11/23/2025**
Brian Pope
bpope@turfproductscorp.com

Sourcewell Pricing

Qty	Model #	Description	MSRP	% Disc	Award	Extended
1	**30495**	**Groundsmaster 7200 No Deck**	**$30,959.00**	**22 %**	**$24,148.02**	**$24,148.02**
1	30481	72 Inch Side Discharge Deck	$6,119.00	22 %	$4,772.82	$4,772.82
1	105-7273	Striping Kit (72 Inch SD Deck)	$1,187.51	22 %	$926.26	$926.26
1	110-0624-03	Atomic Blade (24.5 Inch)	$43.26	22 %	$33.74	$33.74
1	30511	Grammer Seat With Air Ride Suspension And Vinyl Cushion	$1,989.00	22 %	$1,551.42	$1,551.42
1	30382	12V Power Port/Electrical Accessory Kit	$290.00	22 %	$226.20	$226.20

Toro Total:	**$31,658.46**
Non – Toro Total:	*$0.00*
Set Up & Delivery:	*$1,582.92*
Trade Ins:	*($0.00)*
State Sales Tax:	*$0.00*
Total Price:	**$33,241.38**

Pricing is valid for 30 days.

tpc turf products
157 Moody Road • PO Box 1200 • Enfield, CT 06082
Main Office: (860) 763-3581 • FAX: (860) 763-5550

COMMERCIAL SALES AGREEMENT

Contact Name: _____
Account Name: _____
Billing Address: _____

Quote Number: _____
Quoted Date: _____
Prepared By: _____

Phone number: _____
Account Number: _____

Salesman Number: _____

Shipping address: _____
_____
_____

Buyer's PO No: _____
Agreement Signing Date: _____
Requested Delivery Date: _____

Financing / Leasing Terms: _____

Setup Instructions: _____
_____
_____
_____
_____
_____
_____

Pricing is valid for 30 days.

BY SIGNING BELOW, THE BUYER AGREES TO PURCHASE THE PRODUCTS AS DESCRIBED IN THE ACCOMPANYING QUOTES AND ACKNOWLEDGES HAVING RECEIVED AND READ A COPY OF THE TERMS AND CONDITIONS OF THIS AGREEMENT AND HEREBY AGREES TO BE BOUND BY THOSE TERMS AND CONDITIONS.

Buyer's Signature _____
Duly Authorized

Salesperson's Signature: _____
Duly Authorized

Buyer's Printed Name _____
Duly Authorized

Salesperson's Printed Name _____
Duly Authorized

tpc turf products
157 Moody Road • PO Box 1200 • Enfield, CT 06082
Main Office: (860) 763-3581 • FAX: (860) 763-5550

COMMERCIAL SALES AGREEMENT

14. SURVIVAL. The provisions of the Agreement, which by their very nature would continue beyond the termination, cancellation, or expiration of the Order shall continue as valid and enforceable rights and obligations of the Parties and survive termination, cancellation, or expiration of the Order.

15. FORCE MAJEURE. Neither Party shall be liable for a delay in its performance of its obligations and responsibilities under this Agreement due to causes beyond its control, including not limited to war, strikes or lockouts, embargo, national emergency, insurrection or riot, acts of the public enemy, acts of terrorism, fire, flood, other natural disaster, or any and all delays or failures by the Manufacturers or any of Seller's other vendors, provided that said Party has taken reasonable measures to notify the other in writing of the delay.

16. ENTIRE AGREEMENT. This Order and Quote hereto together constitutes the entire agreement between Buyer and Seller, and supersedes all, whether written or oral, communications, representations, negotiations, or agreements pertaining to the Goods. This Agreement may only be amended by a writing signed by both Parties. In the event that any terms of the Agreement conflict with those of any other document, this Agreement's terms shall control.

17. WAIVER. The waiver by Buyer or Seller of any notice requirement or any breach of any requirement or obligation under this Agreement shall not be deemed to be a waiver of any subsequent breach of the same requirement or obligation, or a waiver of any other requirement or obligation stated herein.

Vehicles Report

Town of Waterford - Public Works

25 records

Report generated on 12/29/2025 11:48 AM by Kimberly Aller

Filters

Vehicle Group is any of or any subgroup of: REC/PARKS

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
3679121	P51	REC/PARKS	2024	KUBOTA	L6060HSTC	TRACTOR	258.0	hr	Active	55180	119WFD	2.36
2095569	P53	REC/PARKS	2016	TORO	30604	MOWER, LARGE	1938.0	hr	Active	316000766	N/A	8.83
2095570	P54	REC/PARKS	2017	Ferris	IS 3200 72" Mower	Mower	1668.0	hr	Active	2017982141	N/A	19.67
2095571	P55	REC/PARKS	2016	TORO	Groundsmaster 4100 (diesel)	MOWER, LARGE	1294.0	hr	Active	316000682	N/A	51.75
2095572	P59	REC/PARKS	2018	KUBOTA	L6060HSTC	TRACTOR	2348.0	hr	Active	46996	42WFD	7.95
3550033	P60	REC/PARKS	2024	VENTRAC	4520N	MOWER, LARGE	209.0	hr	Active	SA250-AA04298		2.19
2095574	P61	REC/PARKS	2014	KUBOTA	L4760HSTC TRACTOR/LOADER w/attachments (diesel)	TRACTOR	3255.0	hr	Active	30612	43WFD	12.98
3549956	P62	REC/PARKS	2024	TORO	30495 GROUNDMASTER 7200	Mower	318.6	hr	Active	416935608	N/A	2.42
2095576	P63	REC/PARKS	2016	TORO	GM7200 - 6' mower (diesel)	Mower	2129.0	hr	Active	316000281	N/A	6.46
2095577	P64	REC/PARKS	2006	SEEDA-VATOR	SE-60E	SEEDER	0.0	mi	Active	483	N/A	
2266355	P65	REC/PARKS	2022	VENTRAC	4520Z	Mower	348.0	hr	Active	4520Z-AR03257		5.93
2095579	P74	REC/PARKS	2016	TORO	SANDPRO INFIELD PRO 3040	TRAP RAKE	1381.0	hr	Active	316000434	N/A	8.26
2095581	P90	REC/PARKS	2008	Carry-On Trailer Corp.	Heavy Duty Landscape Trailer	Trailer	0.0	mi	Active	4YMUL18289V006081	143WFD	
2095583	P91	REC/PARKS	2019	BRI-MAR	20 FT Trailer	Trailer	0.0	mi	Active	58CB1EF27LC001480	141WFD	
2095582	P92	REC/PARKS	1996	Cross Country	Ball Field Trailer	Trailer	0.0	mi	Active	1C9FS2227T1432852	136WFD	

Fleetio ID	Name	Group	Year	Make	Model	Type	Current Meter	Current Meter Unit	Status	VIN/SN	License Plate	Cost Per Meter Unit (Lifetime) (USD)
2095580	P94	REC/PARKS	2008	Carry-on Trailer	Heavy Duty Landscape Trailer	Trailer	0.0	mi	Active	4YMUL18278V194364	142WFD	
2095567	P95	REC/PARKS	2018	BRIMAR	DUMP TRAILER	Trailer	0.0	mi	Active	58CB1DB20LC001479	141WFD	
4117389	R10	REC/PARKS	2025	Ford	F-350 Super Duty	Light duty truck	98.0	mi	Active	1FTRF3BA1SED08264	36WFD	
2028515	R11	REC/PARKS	2015	Chevrolet	Silverado 3500HD	Truck	50189.0	mi	Active	1GB3KYCG9FF540956	37WFD	0.73
2028516	R14	REC/PARKS	2022	Ford	F-450 Super Duty	Truck	20117.0	mi	In Shop	1FDUF4HN1NEF07289	38WFD	0.07
2028517	R15	REC/PARKS	2020	Ford	F-250 Super Duty	Truck	30914.0	mi	Active	1FTBF2B63LEC13911	100WFD	0.14
2028518	R16	REC/PARKS	2020	Ford	F-250 Super Duty	Truck	40771.0	mi	Active	1FTBF2B65LEC13912	44WFD	0.14
3447822	R17	REC/PARKS	2023	CAN-AM	Defender PRO	ALL TERRAIN VEHICLE	1490.0	mi	Active	3JB7KAX4XPK000455		1.89
2028543	R8	REC/PARKS	2016	Chevrolet	Silverado 1500 PU	Light duty truck	43975.0	mi	Active	1GCNKNEC9GZ302876	34WFD	0.13
2028513	R9	REC/PARKS	2020	Ford	F-350 Super Duty	Truck	40058.0	mi	Active	1FDRF3H6XLEC13931	35WFD	0.11

Service History by Vehicle

Town of Waterford - Public Works

29 records

Report generated on 12/29/2025 11:54 AM by Kimberly Aller

Filters

Time Frame: Jul 1, 2025 - Dec 29, 2025 **Vehicle Groups:** Rec/Parks

Labor Cost	Parts Cost	Total Cost
$3,421.59	$5,343.89	$8,765.48

Vehicle

P53

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40042376	08/19/2025 2:22 PM	08/19/2025 2:22 PM			1,938 hr	Battery Replacement	Dead Again	$48.49	$125.71	$174.20
39380735	08/05/2025	08/06/2025	1 day		1,937.7 hr	Electrical diagnostics	Wont Start	$145.47	$29.50	$174.97
							Total Amount	$193.96	$155.21	$349.17

Vehicle

P54

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40482505	09/10/2025 7:30 AM	09/11/2025 2:00 PM	1 day 6 hrs 30 mins		1,668 hr	mower deck miscellanious • Tire/Wheel (Miscellaneous)	Center of deck Deck bent	$125.64	$22.30	$147.94
							Total Amount	$125.64	$22.30	$147.94

Vehicle

P60

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38573364	07/14/2025 12:02 PM	07/14/2025 3:00 PM	2 hrs 58 mins		209 hr	Preventative Maintenance	Due for Regular Service	$68.92	$76.85	$145.77
							Total Amount	$68.92	$76.85	$145.77

Vehicle

P62

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42158983	10/31/2025 1:00 PM	10/31/2025 3:43 PM	2 hrs 43 mins		305 hr	Hydraulic hose replacement	Hydraulic Hose	$68.92	$109.98	$178.90
40866136	09/23/2025 2:09 PM	09/23/2025 3:45 PM	1 hr 36 mins		285 hr	mower deck miscellanious		$51.69	$17.92	$69.61
40232999	09/02/2025 10:59 AM	09/02/2025 3:00 PM	4 hrs 1 min		252 hr	Preventative Maintenance	Due for Regular Service	$68.92	$46.10	$115.02
							Total Amount	$189.53	$174.00	$363.53

Vehicle

P63

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
39687820	08/13/2025	08/14/2025 2:56 PM	1 day		2,129 hr	mower deck miscellanious	Center deck gearbox	$25.85	$207.45	$233.30
38936881	07/17/2025 2:00 PM	07/22/2025 9:15 AM	4 days 19 hrs 15 mins		2,123 hr	Electrical diagnostics	Wont Start	$103.38	$729.93	$833.31
							Total Amount	$129.23	$937.38	$1,066.61

Vehicle

P74

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41504761	10/10/2025 1:00 PM	10/10/2025 1:49 PM	49 mins		1,381 hr	Engine (Miscellaneous)	starter falling off	$17.23	$17.92	$35.15
39201154	07/31/2025 3:17 PM	08/01/2025 10:01 AM	18 hrs 44 mins		1,353 hr	Engine Oil & Filter Replacement	Engine is sputtering	$68.92	$30.05	$98.97

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
							Total Amount	$86.15	$47.97	$134.12

Vehicle

P91

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41296320	10/06/2025 3:30 PM	10/07/2025 7:54 AM	16 hrs 24 mins			Tire Replacement	Tire	$17.23	$79.00	$96.23
							Total Amount	$17.23	$79.00	$96.23

Vehicle

P92

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
41569462	10/14/2025 10:16 AM	10/14/2025 10:48 AM	32 mins			Tire Assembly Inspect	Left rear tire going flat	$34.46	$85.00	$119.46
39165896	07/30/2025 1:00 PM	07/31/2025 2:30 PM	1 day 1 hr 30 mins			Electrical diagnostics	Wiring issues	$258.45	$93.90	$352.35
							Total Amount	$292.91	$178.90	$471.81

Vehicle

P95

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40327403	08/26/2025 2:00 PM	09/02/2025 2:00 PM	7 days 0 hrs 0 mins			Preventative Maintenance	Spring Check Up	$167.52	$57.22	$224.74
							Total Amount	$167.52	$57.22	$224.74

Vehicle

R10

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
38573388	06/12/2025 3:00 PM	07/16/2025 7:49 AM	33 days 16 hrs 49 mins		98 mi	Equipment Installation • Body (Miscellaneous)		$151.29	$94.67	$245.96
							Total Amount	$151.29	$94.67	$245.96

Vehicle

R11

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
43810995	12/26/2025 8:00 AM	12/26/2025 9:00 AM	1 hr 0 mins		50,189 mi	Electrical diagnostics		$34.46	$0.00	$34.46
43428556	12/17/2025	12/17/2025			50,103 mi	Headlamp Bulb Replacement	Plow Light out	$12.12	$12.28	$24.40
42553335	11/10/2025 1:00 PM	11/17/2025 10:16 AM	6 days 21 hrs 16 mins		49,862 mi	Electrical System (Miscellaneous)	Spreader	$275.68	$552.56	$828.24
41993496	10/21/2025 8:00 AM	10/28/2025 11:30 AM	7 days 3 hrs 30 mins		49,605 mi	Preventative Maintenance • Engine Diagnosis • Exterior Mirror Replacement • Electrical diagnostics • General Welding & Fabrication	Service	$544.44	$991.70	$1,536.14
							Total Amount	$866.70	$1,556.54	$2,423.24

Vehicle

R14

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40652274	09/16/2025 8:00 AM	09/18/2025 8:30 AM	2 days 0 hrs 30 mins		18,414 mi	Electrical diagnostics		$125.64	$128.00	$253.64
39065857	07/29/2025 1:30 PM	07/29/2025 2:30 PM	1 hr 0 mins		17,661 mi	Diagnostics (Unspecified)		$34.46	$0.00	$34.46
							Total Amount	$160.10	$128.00	$288.10

Vehicle

R16

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42158879	10/31/2025 8:27 AM	10/31/2025 3:45 PM	7 hrs 18 mins		40,771 mi	Preventative Maintenance • Tire Replacement	Due for Regular Service	$137.84	$921.64	$1,059.48
39115706	07/30/2025 11:30 AM	07/30/2025 12:42 PM	1 hr 12 mins		38,762 mi	Battery Replacement	Hard Time Starting	$17.23	$152.95	$170.18
							Total Amount	$155.07	$1,074.59	$1,229.66

Vehicle

R17

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42477691	11/05/2025	11/12/2025	7 days		1,490 mi	Electrical diagnostics	Dump Body not working	$48.49	$39.99	$88.48
38541917	07/14/2025 11:30 AM	07/15/2025 9:30 AM	22 hrs 0 mins		1,046 mi	Preventative Maintenance	Due For MTN	$167.52	$55.15	$222.67
							Total Amount	$216.01	$95.14	$311.15

Vehicle

R8

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
40127376	08/28/2025 9:30 AM	08/28/2025 9:30 AM			43,975 mi	Preventative Maintenance • Exterior Mirror Replacement	Due for Regular Service	$226.63	$341.62	$568.25
							Total Amount	$226.63	$341.62	$568.25

Vehicle

Vehicle

R9

Service Entry	Actual Start Date	Actual Completion Date	Duration	Vendor	Primary Meter	Service Tasks	Resolved Issue Summary	Total Labor	Total Parts	Total Cost
42996788	12/02/2025	12/03/2025	1 day		40,058 mi	Equipment Installation	Spreader install	$290.94	$13.60	$304.54
39876480	08/19/2025 3:30 PM	08/20/2025 3:30 PM	1 day 0 hrs 0 mins		38,345 mi	Battery Replacement	Truck Dead	$83.76	$310.90	$394.66
							Total Amount	$374.70	$324.50	$699.20

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

Waterford Senior Services

To: Kimberly Allen, Director of Finance
Garon VanOverloop, Senior Mechanic

From: Dani Gorman, Human Services Administrator

Cc: Senior Citizens Commission
Gary Schneider, Public Works Director
Sandy Kenniston, Office Coordinator
Meaghan Lineburgh, Senior Services Assistant

Re: Request for the Fleet Management

Date: November 19, 2025

On behalf of the Senior Citizens Commission and after a discussion at the department's budget hearing workshop on November 12, 2025 (special meeting / minutes on file), it was proposed that a request come before you for consideration for an activity van for seniors based on the following reasons / needs as well as, data collected from our transportation logs;

- Activity vans are more shuttle focused on transporting *ambulatory* (i.e., walking) seniors and better on fuel efficiency when our wheelchair accessible / mobility van is not needed.
- They have adequate capacity for typical activities for smaller groups, especially when our transportation records show that the wheelchair van often has unused seats.
- They provide more comfort and provide a cozy, car-like ride, which can be more comfortable for seniors on short trips around town
- They are at a lower purchase price with reduced maintenance costs compared to full-size senior vans or buses. They also have better fuel efficiency, which saves money on regular trips.
- They also require less specialized driver training than full-sized vans or buses.

Data Submitted as of 12/2/25:

# of passengers (annually) who were in a wheelchair and required the accessibility lift: 59

# of riders using a walker needed to use the wheelchair lift because boarding the accessible van was too difficult. (An activity van would provide easier and more convenient access for this rider): 26

Total # of ambulatory passengers who do not routinely need an accessible / mobility van: 134

CT State Contract

TASCA FORD
Waterford
State contract 24PSX0110

250 webster square rd Berlin CT 06037
jbreslin@tasca.com
860-796-2499
John Breslin state contract holder
Connecticut/ Rhode island/ Maine.

x2y White
RWD 148" wheel base
QUOTE 2026
X2Y DEC 4th

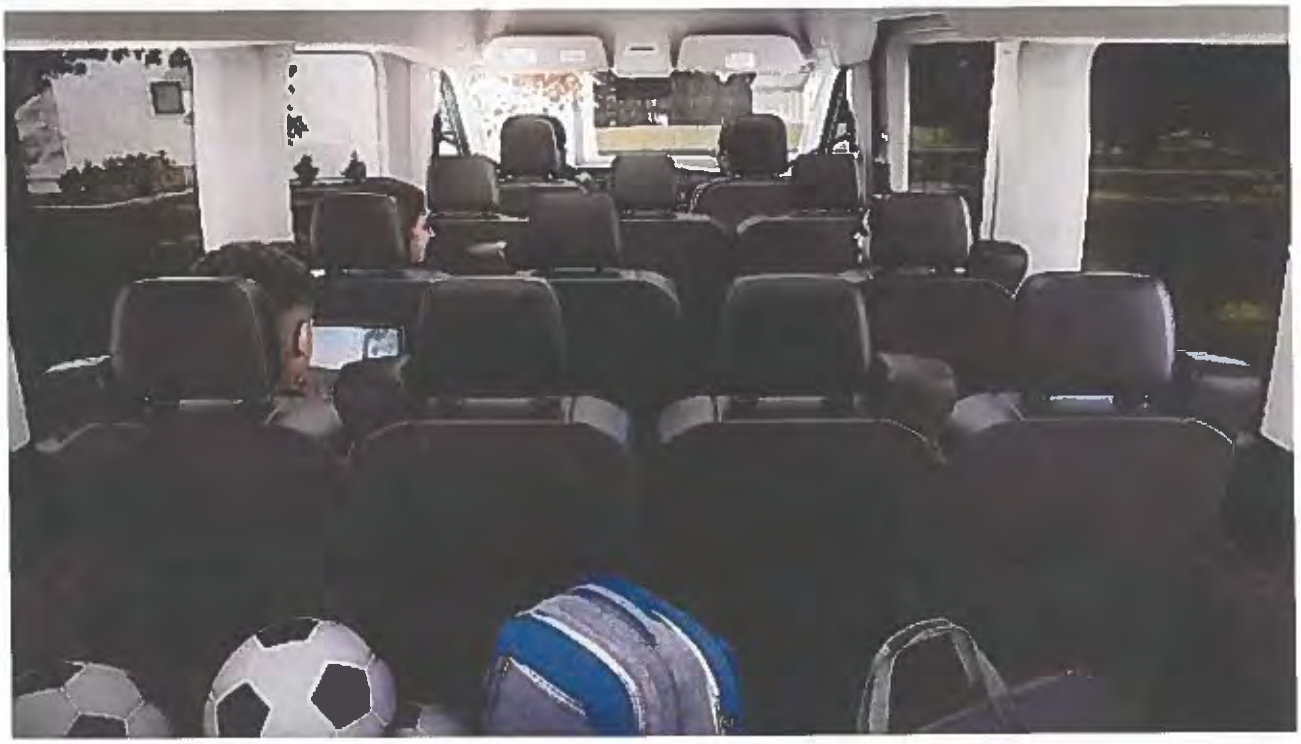
$ 51,801.00	OPTION DESCRIPTION	Upgrades & Options	Option Pricing Discount	Upgrade Cost	Sub Total Contract Pricing
					$1,801.00
302A	XLT up grade	$ 4,100.00	$ 246.00	$ 3,845.00	$ 3,845.00
96P	15 pass seating	$ 1,495.00	$ 89.70	$ 1,405.30	$ 1,405.30
68H	RUNNING BOARDS	$ 310.00	$ 18.60	$ 291.40	$ 291.40
				Per vehicle	$ 57,342.70
				Per vehicle	$57,342.70

OEM discount 6% off of MSRP

Non OEM Upfit Cost Plus 5%

```
CNGP530                    VEHICLE ORDER CONFIRMATION          12/04/25 10:19:23
==> _________ ____________________________________                Dealer: F11222
                          2026 TRANSIT NA                          Page: 1 of 1
Order No: 0000    Priority: A1  Ord FIN: QS048  Order Type: 5B Price Level: 630
Ord Code: 302A Cust/Flt Name: WATERFORD          PO Number:
                        RETAIL   DLR INV                          RETAIL   DLR INV
X2Y  LR PASS XLT RWD $61665 $58581.00    59A  CONN PKG 1YR          NC         NC
     148" WHEELBASE                      68H  RUN BRD              310     282.00
YZ   OXFORD WHITE                        96P  15-PASS SEATS       1495    1361.00
C    CLOTH                                    SP FLT ACCT CR              (1746.00)
K    PALAZZO GRAY                             FUEL CHARGE                   17.58
302A PREF EQUIP PKG                           DEST AND DELIV      2095    2095.00
     .XLT TRIM                           TOTAL BASE AND OPTIONS 65565   60590.58
998  3.5L PFDI V6                        TOTAL                  65565   60590.58
44U  .10-SPEED TRANS                     *THIS IS NOT AN INVOICE*
TC8  .235/65R16C BSW
X73  3.73 NON-LS          NC         NC
     JOB #1 ORDER
     FRT LICENSE BKT      NC         NC
20J  9400# GVWR           NC         NC
425  50 STATE EMISS       NC         NC
F1=Help                F2=Return to Order                F3/F12=Veh Ord Menu
F4=Submit    F5=Add to Library
5099 - PRESS F4 TO SUBMIT                                          QC06048
```





FIFTEEN ROPE FERRY ROAD WATERFORD, CT 06385

TO: Mr. Robert J. Brule - First Selectman
FROM: Jill N Stevens – Director of Utilities
DATE: December 19, 2025

RE: Utility Commission – Capital Improvements Plan FY 27-31

Dear First Selectman Brule,

In summary, the major funding requests for FY 27 from CYC and Transfers to CNR are as follows:

- Water Distribution System Emergency Capital Reserve
  Under the current Waterford / New London Interlocal Water Agreement (W/NLIWA), all users of the municipal water system in Waterford are direct customers of the City of New London Department of Public Utilities, which operates and maintains the water distribution system on behalf of the Town. Consequently, the Utility Commission does not receive user-based revenue to fund emergency repairs that meet the definition of "Material" costs under the W/NLIWA.
  Pursuant to the W/NLIWA, "Material," as applied to the cost or expense of a particular repair or maintenance activity, is defined as costs greater than or equal to $5,000, adjusted cumulatively by the Escalation Index as of April 1 preceding the adjustment date. The agreement further specifies that (i) the installation of more than three contiguous standard lengths of pipe is deemed Material regardless of cost, and (ii) the first $10,000 spent on Material costs or expenses is deemed not Material, with that amount also subject to escalation.
  Using the ENR Construction Cost Index as prescribed by the W/NLIWA, the current Escalation Index is 3.13. This results in an adjusted Material cost threshold of $15,658, with the first $31,300 of Material costs deemed not Material. Under the W/NLIWA, any repair with costs exceeding these thresholds is required to be treated and funded as a Capital Improvement.
  Waterford embarked on installing its water distribution system in the 1960's, prior to the installation of our wastewater system. Construction costs have increased significantly over time; for example, a 20-foot length of 10-inch ductile iron pipe that cost approximately $150 in 1960 now costs approximately $975–$1,000. Given the age of the system and escalating material and labor costs, it is reasonable to expect that emergency repairs will more frequently meet the definition of Material costs.
  This request establishes a dedicated capital reserve for emergency repairs to the water distribution system that qualify as Material costs. The reserve mitigates financial risk associated with unpredictable infrastructure failures and reduces reliance on emergency appropriations or disruption of other approved capital projects. Water distribution system failures are inherently unpredictable and often require immediate response to protect public health, maintain service continuity, and limit secondary damage. Having a designated reserve ensures that capital funding is immediately available when such events occur.
  $200,000/Yr from Transfers to Capital & Nonrecurring (CNR)

- Tri-Town Wastewater Agreement Capital Account Replenishment
  Pursuant to the New London / Waterford / East Lyme Wastewater Collection, Conveyance and Treatment Agreement executed on October 15, 2021 (Tri-Town Wastewater Agreement), the Town of Waterford is contractually required to maintain a minimum balance of $1,000,000 in a capital account held by the City of New London for capital improvements at the Piacenti Facility. The agreement further requires that the minimum balance increase annually by a 2 percent escalation factor.
  As of September 2025, the balance in this capital account is $652,690.82. Applying the required escalation, the current minimum required balance is $1,104,081, which will increase to $1,126,162 at the start of FY27.
  This capital improvement request seeks to replenish the capital account to the minimum balance required under the Tri-Town Wastewater Agreement.
  $500,000/Yr from Current Year Capital (CYC)

- Cross-Country Sewer Mains Access Project.
  Sewer mains collect wastewater from our Town's parcels and convey this wastewater to downstream pumping stations via a vast network of piping and pumping stations to a point terminating at the Main pumping station, which then conveys the wastewater to the regional treatment facility in New London. Of the Town's 150 miles of sewer piping, approximately 15.6 miles lie within cross-country easement areas, which are outside of roadways. Many of these sewer mains traverse through heavily wooded cross-country easement areas, which are becoming more challenging to access. Accessibility is crucial in order to conduct a full assessment evaluation and to provide timely access to conduct immediate or corrective repairs to the sewer main or structures. The goal of this project is to recreate the original easement access area or create alternate access points.
  Contract #1 was the Town's very first sewer construction project, which began in 1970. This project entailed the installation of approximately 13,000 linier feet of sewer main. A Special Appropriation in the amount of $250,000 for engineering services was appropriated for the Contract #1 Sewer Main Access project in 2023. Survey work to identify the Contract #1 easement area, manholes, intersecting property lines, and other utilities within the easement area commenced in October of 2023 and was completed in the spring of 2024. Final design package acceptance for contractor bid solicitation and construction for Phase One of the restoration project was granted by the Utility Commission at the November 2024 meeting. Bids were solicited in August of 2025 and the contract was awarded to Advance Resources, LLC in October of 2025 in the amount of $155,450; construction on Phase One began on December 10, 2025 and is anticipated to take 5 months.
  Phase one encompasses the southern section of the interceptor beginning at the intersection of Great Neck Road and Rope Ferry Road to the end of the interceptor at Evergreen Avenue Pump Station. Phase two which encompasses the northern section of the interceptor from Boston Post Road to Great Neck Road requires the acquisition of additional easements to gain access to the interceptor during restoration and for the Utility Commission staff in the future. Splitting the project into two Phases allows restoration work to begin while easements are procured, so that once Phase one is complete easements will be in place and Phase two can begin shortly thereafter.
  Many of the Town's easement area will require surveys to delineate boundaries, identify wetland soils and engineering services to design access travel surfaces based upon the survey findings. It has been the intent of the Utility Commission to establish a multi-year request necessary to fund the survey, engineering and reconstruction of each of the Town's cross-country sewer main easement areas.
  $200,000/Yr from Current Year Capital (CYC)

- Plastic Water Service Replacement Program
  There are approximately 7900 water services in Town, many of which are plastic and have exceeded their useful life resulting in unaccounted for water loss and degradation to the Town roads. The goal of this program is to replace the aging plastic water services with copper line prior to DPW paving the roads.
  To date through a cooperative WUC/DPW effort, we have replaced 247 water service lines, totaling 5,579 linear feet. In FY27 the DPW has identified several roads scheduled to be repaved, within these roads lie approximately 258 water services, of those approximately 132 may need to be replaced. Service line replacement costs are on average $4100 each depending upon the service line length and location.
  It is our intent to continue to replace these water services prior to DPW paving the roads in doing so we are requesting a multi-year funding schedule and program for the replacement of plastic water services. This will be in conjunction with the DPW roads improvement program.
  $200,000/Yr from Transfers to Capital & Nonrecurring (CNR)

- Route 85 Wastewater Pumping Station Power Conversion.
  Since the Rt 85 wastewater pumping station was constructed, the station's electric power and stand by power has been provided by the Crystal Mall, which has recently been purchased by Electric Boat. It is the intent of the Commission to be responsible for the commercial and standby power to this pumping station in order to assure reliable service from the electrical components and proper maintenance of the emergency standby power source. To achieve this we will have to install our own emergency generator and commercial power service components. An evaluation was conducted in 2007, which identified two alternatives ranging in costs from $432K to $602K. Utilizing the Engineering News Record's Construction Costs Index inflation factor of 1.75 from 11/2007 to 12/2025, a representative value range is $756,000 to $1,053,500
  $526,750/Yr from Transfers to Capital & Nonrecurring (CNR)

- Water Tank Management Programs
  In FY26 the Town enrolled the Fargo Road Water Tank in a Water Tank Management Program to protect its significant investment in our water distribution infrastructure. The Town of Waterford owns three water storage tanks, the 750,000 gallon Fargo Tank, the 300,000 gallon Vauxhall tank and the 1.25 Million gallon Rogers Hill tank. In 2024 the Fargo Road Tank refurbishment project was completed; prior to this renovation, the Fargo Road water tank had its original coat of paint, which had far exceeded its useful life expectancy by approximately 10 years. This work was necessary to preserve the Town's significant investment in its infrastructure and to extend the life of its asset; if routine maintenance of infrastructure is ignored, it turns into an emergency capital investment and typically costs three times that of routine maintenance. If this tank had not undergone the recent rehabilitation, the structural integrity of the tank would have eventually failed, requiring that the tank be replaced at a significant cost to the Town.
  Many municipalities do not realize the financial investment they have in their water storage tanks. These key municipal water distribution system components often receive the least attention and yet, they can potentially experience serious issues without proper tank management. Contamination from animals or debris, corrosion and other issues can trigger customer complaints, municipal regulatory compliance violations and costly water distribution service disruptions. A Water Tank Management Program for these valuable assets preserves the significant investment the Town has made in water storage tanks by guaranteeing routine inspections and maintenance of the water storage tanks does not fall behind, thus improving the reliability of the system. A sustainable water

tank management solution also makes budgeting easier as initial repair costs can be spread out over a few years if necessary and all future interior and exterior renovation costs are included.
Our request is to continue a funding schedule that enrolls the three water storage tanks in a Tank Management program progressively; this began in FY26 with the Fargo Road Tank, the Annual Maintenance Plan (MP) costs for FY27 are $45,671 and are requested under our Department Priority 1 CIP Project request.
The next tank to join the Water Tank Management Program would be the Vauxhall Tank which requires Upfront Renovation (UR) costs, this tank's renovation costs have been requested under a separate CIP Project with a Department Priority of 6. The UR costs are proposed to be spread out over the next three fiscal years and include the MP costs, the renovation of the tank would be completed if funds are approved in FY27.
The final tank to join the Water Tank Management Program would be the Rogers Hill Tank which requires UR work as well, again these costs have been requested under a separate CIP Project with a Department Priority of 9, with the UR costs spread over three fiscal years beginning in FY29.

Fargo Tank Annual Maintenance Plan $45,671 in FY27 & Vauxhall Street Water Tank Renovation (UR & MP) $290,847 in FY27 from Current Year Capital (CYC)

Respectfully Submitted,

Jill N Stevens

Director of Utilities

Cc. Utility Commission
Kimberly Allen – Finance Director

TOWN OF WATERFORD
CAPITAL IMPROVEMENT PLAN
PROJECT CONSOLIDATION FORM FY 2027-2031

	DEPARTMENT/ AGENCY:							
DEPT PRIORITY	PROJECT NAME	FUNDING SOURCE	FISCAL YEAR 2026-2027	FISCAL YEAR 2027-2028	FISCAL YEAR 2028-2029	FISCAL YEAR 2029-2030	FISCAL YEAR 2030-2031	TOTAL
1	Fargo Water Tank Management Program	1	45,671	47,954	50,352	52,870	55,513	**252,360.00**
2	Interlocal Wastewater Agreement Capital Acct	1	500,000	500,000	500,000	500,000	500,000	**2,500,000.00**
3	Water Distribution System Emergency Capital Reserve	3	200,000	200,000	200,000	200,000	200,000	**1,000,000.00**
4	Plastic Water Services Replacement	3	200,000	200,000	200,000	200,000	200,000	**1,000,000.00**
5	Cross Country Sewer Main Access	1	200,000	200,000	200,000	200,000	200,000	**1,000,000.00**
6	Vauxhall Street Water Tank Rehab & Management	1	290,847	290,847	290,847	29,806	30,892	**933,239.00**
7	Rt 85 Wastewater Pump Station Power	3	526,750	526,750				**1,053,500.00**
8	Pleasure Beach Water Main Replacement	3		706,800	706,800	706,800	706,800	**2,827,200.00**
9	Rogers Hill Water Tank Rehab & Management	3			358,662	358,662	358,662	**1,075,986.00**
								-
								-
								-
	TOTALS		**1,963,268**	**2,672,351**	**2,506,661**	**2,248,138**	**2,251,867**	**11,642,285.00**

INDEX TO FUNDING SOURCES,

1 CURRENT YEAR CAPITAL IMPROVEMENTS
2 UTILITY BUDGET/SEWER CAPITAL MAINTENANCE FUND
3 TRANSFER TO CAPITAL & NONRECURRING.
4 SHORT AND LONG TERM DEBT FINANCING
5 LoCIP
6 CNR UNDESIGNATED FUND BALANCE
7 FEDERAL/STATE GRANTS
8 OTHER FUNDING

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Fargo Water Tank Management Program	**DEPARTMENT PRIORITY** 1

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Water Tank Management Program for the Fargo Water Tank preserves the significant investment the Town has made in this water storage tank by guaranteeing routine inspections and maintenance of the water storage tank does not fall behind, thus improving the reliability of the system. A sustainable water tank management solution also makes capital budgeting easier as all future interior and exterior renovation costs are included in the plan. This request is to continue funding the program that the Fargo Water Tank was enrolled in beginning in FY26
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None, the operational costs are borne by the City of New London through the current Inter-local agreement.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	See attached tank management program contract

7	COST/FUNDING SOURCE						
	FUNDING SOURCE	**APPROVED FUNDING TO DATE**	**FY2027**	**FY2028**	**FY2029**	**FY2030**	**FY2031**
1	Current Year Capital	46,222	45,671	47,954	50,352	52,870	55,513
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**46,222**	**45,671**	**47,954**	**50,352**	**52,870**	**55,513**

USG WATER SOLUTIONS

Utility Service Co., Inc.

Water Tank Maintenance Contract

Owner: Town of Waterford
Waterford, Connecticut

Tank Size/Name: 750,000 Gallon Pedisphere – Fargo Road Tank

Location: 45R Fargo Road

Date Prepared: October 23, 2025

535 Gen Courtney Hodges Blvd · P O Box 1350 · Perry, GA 31069
Toll-free: 855.526.4413 | Fax: 478.987.2991

WATER TANK MAINTENANCE CONTRACT

This Water Tank Maintenance Contract (hereinafter, "the Contract") is entered into by and between the **Town of Waterford, whose business address is 15 Rope Ferry Road, Waterford, Connecticut 06385** (hereinafter, "the Owner") and Utility Service Co., Inc., whose business address is 535 General Courtney Hodges Boulevard, Post Office Box 1350, Perry, Georgia 31069 (hereinafter, "the Company"). The Owner and the Company shall be individually referred to herein as "a Party" or collectively referred to herein as "the Parties".

Therefore, in consideration of the mutual promises contained herein and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the Owner and the Company, the Parties agree as follows:

1. Company's Engagement and Responsibilities. The Owner agrees to engage the Company to provide the professional services needed to maintain its **750,000** gallon water storage tank located at **45R Fargo Road, Waterford, Connecticut 06385** (hereinafter, "the Tank"). The professional services entail the upfront renovation (hereinafter, the "Upfront Renovation") of the Tank and subsequent maintenance activities thereafter. Upfront Renovation and maintenance activities are collectively referred to as "the Services" in this Contract, and include the following:

a. Annually, the Company will inspect the Tank to ensure that the structure is in a sound, watertight condition. The Company will provide a written inspection report to the Owner following each inspection.
b. Biennially, after the Tank is drained by the Owner, the Company will clean the interior of the Tank and perform a condition assessment on the Tank (hereinafter "Washout Inspection"). During each Washout Inspection, the Tank will be cleaned to remove all mud, silt, and other accumulations from the interior of the Tank. After a Washout Inspection is completed, the interior of the Tank will be thoroughly inspected and disinfected prior to returning the Tank to service; however, the Owner is responsible for draining and filling the Tank and conducting any required testing of the water before returning the Tank to service. Rotate the washout inspections with ROV inspections.
c. The Company shall provide the engineering and inspection services needed to maintain and repair the Tank during the term of this Contract. The repairs include: the Tank's expansion joints, water level indicators, sway rod adjustments, vent screens, manhole covers/gaskets, and the Tank's other steel parts not otherwise excluded hereinafter.
d. The Company will clean and repaint the interior and/or exterior of the Tank at such time as complete repainting is needed. The need for interior painting of the Tank is to be determined by the thickness of the existing liner and its protective condition. Only materials approved for use in potable water tanks will be used on any interior surface area. The need for exterior painting of the Tank is to be determined by the appearance and protective condition of the existing paint. At the time that the exterior requires repainting, the Company agrees to paint the Tank with a coating that is the same color as the existing coating and to select a coating system which best suits the site conditions, environment, and general location of the Tank. When interior or exterior painting of the Tank is needed, all products and procedures as to coating systems will be equal to or exceed the requirements of the **State of Connecticut** and the American

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Water Works Association's D102 standard in effect as of the Effective Date, defined in the signature block hereinafter.

e. The Company will install a lock on the roof hatch of the Tank; however, the provision of such lock does not guarantee the Tank's security during the term of the Contract. For the avoidance of doubt, security of the Tank and the site where the Tank is located (hereinafter, "Tank Site") are the responsibility of the Owner.
f. In the event of an emergency involving the Tank, the Owner shall provide written notice of such emergency to the Company via its email hotline at the following address: customerservice@usgwater.com. The Company will provide emergency services for the Tank, when needed, to perform all repairs covered under this Contract. Reasonable travel time must be allowed for the repair unit to reach the Tank Site.
g. When the Tank is taken out of service, the Company will furnish pressure relief valves, if requested by the Owner, so that the Owner can install the valves in its water system while the Tank is being serviced. The Owner assumes all risk and liability for the installation and use of the pressure relief valves.
h. The Company will furnish the Owner with current certificates of insurance, which will summarize the Company's insurance coverage.
i. The Company will pressure wash the exterior once between exterior coating cycles.

2. Contract Price/Annual Fees. For the performance of the Services required by Section 1, the Owner shall pay the Company an Annual Fee (hereinafter, "Annual Fee") for each Contract Year of the Contract. The Annual Fee for Contract **Year 1** shall be **$43,496.00** Each Contract Year thereafter, the Annual Fee shall be adjusted to reflect the current cost of service. The adjustment of the Annual Fee shall be limited to a maximum of 5% annually. All applicable taxes are the responsibility of the Owner and are in addition to the stated costs and fees in this Contract.

3. Payment Terms and Late Charges.

a. The Annual Fee for Contract **Year 1**, plus all applicable taxes, shall be due and payable **within ninety (90) days of the Owner's execution of the Contract.**
b. **Each subsequent Annual Fee, plus all applicable taxes, shall be due and payable on the first day of each Contract Year thereafter.**
c. If the Annual Fee, plus all applicable taxes, are not paid within ninety (90) days of the date of invoice, the Company will charge the Owner a late fee on unpaid balances and may also terminate or suspend Services under this Contract without notice. Any late fee will be 1.5% per month.

4. Changes or Delays to Services. For purposes of this Section 4, "Unreasonable Delay" shall mean the Owner's delay in releasing the Tank or making the Tank available to the Company for the performance of any of the Services described herein for a period of twenty-four (24) months following the Company's written request for release or access to the Tank. In the event of Unreasonable Delay, the Company reserves the right to recover its reasonable costs related to the Unreasonable Delay, and the Owner agrees to negotiate with the Company in good faith to determine the amount of its reasonable costs caused by such Unreasonable Delay. Furthermore, the Owner hereby agrees that the Company can replace a Washout Inspection of the Tank with a visual inspection, remotely operated vehicle inspection ("ROV Inspection"), or unmanned aerial vehicle inspection ("UAV Inspection") at the Company's discretion, and such replacement does not constitute a modification of this Contract.

5. Structure of Tank, Tank Site Conditions, and Modifications.

a. In providing the Services, the Company accepts the Tank based upon its existing structure and components as of the Effective Date.

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b. ***Any modifications to the Tank after the Effective Date, including antenna installations, shall first be approved by the Company (prior to installation) and may warrant an increase in the Annual Fees.***

c. Changes in the condition of the Tank Site and/or any adjoining properties (e.g., construction of a mall next to the Tank Site which significantly increases the risk of overspray claims, etc.) following the Effective Date, which cause an increase in the Company's cost in delivering the Services, will be just cause for an equitable adjustment of the Annual Fees in this Contract.

6. Environmental, Health, Safety, Labor, or Industry Requirements. The Owner hereby agrees that the promulgation of, enactment of, or modification to any environmental, health, safety, or labor laws, regulations, orders, or ordinances (e.g., EPA or OSHA regulations or standards) following the Effective Date of this Contract, which cause an increase in the cost of the maintenance of the Tank, will be just cause for an equitable adjustment of the Annual Fees in this Contract. Furthermore, modifications to industry requirement(s) including, but not limited to, standard(s) or other guidance documents issued by the American Water Works Association, National Sanitary Foundation, and the Association for Materials Protection and Performance, which cause an increase in the cost of the maintenance of the Tank, will be just cause for an equitable adjustment of the Annual Fees in this Contract. Said equitable adjustment of the Annual Fees in this Contract will reasonably reflect the increased cost of the Services with newly negotiated Annual Fee(s).

The work performed under this Contract is subject to prevailing wages, and the workers who are performing work under this Contract are to be paid no less than the prevailing hourly rate of wages as set by the appropriate authority. Any future work performed by workers under this Contract will be subject to the wage determination of the appropriate authority which is in effect when the work is performed. However, the Owner and the Company hereby agree that if the prevailing wage rates for any job or trade classification increases by more than 5% per annum from the effective date of this Contract to the date in which any future work is to be performed under this Contract, then the Company reserves the right to re-negotiate the annual fee(s) with the Owner. If the Company and the Owner cannot agree on re-negotiated annual fee(s), then: (1) the Company will not be obligated to perform the work and (2) the Company will not be obligated to return past annual fee(s) received by the Company.

7. Excluded Items. This Contract does NOT include the cost for and/or liability on the part of the Company for: (i) containment of the Tank at any time during the term of the Contract; (ii) disposal of any hazardous waste materials; (iii) resolution of operational problems or structural damage due to cold weather; (iv) repair of structural damage due to antenna installations or other attachments for which the Tank was not originally designed; (v) resolution of operational problems or repair of structural damage or site damage caused by physical conditions below the surface of the ground; (vi) negligent acts of Owner's employees, agents or contractors; (vii) damages, whether foreseen or unforeseen, caused by the Owner's use of pressure relief valves; (viii) repairs to the foundation of the Tank; (ix) any latent defects or inaccessible areas of the Tank or its components (including, but not limited to, (a) corrosion from the underside of the floor plates, and (b) inaccessible areas of the Tank such as the area between the bottom of the roof plate and the top of the roof rafter); (x) the maintenance, repair or replacement of any electrical components (to include any lighting, such as aviation lights); (xi) the maintenance, repair or replacement of fill lines, insulation, and/or frost jackets; (xii) the maintenance, repair, or replacement of piping of any kind below ground level; and (xiii) other conditions which are beyond the Owner's and Company's control, including, but not limited to: acts of God and acts of terrorism. Acts of God include, but are not limited to, any damage to the Tank or Tank Site which is caused by seismic activity, hurricanes, and/or tornadoes. Acts of terrorism include, but are not limited to, any damage to the Tank or Tank Site which results from an unauthorized entry of any kind to the Tank or Tank Site.

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8. Force Majeure. If the Company is prevented from performing any of its duties or obligations hereunder (other than duties or obligations with respect to payment) in a timely manner by reason of act of God or force majeure such as: (i) fire, (ii) war, (iii) earthquake, (iv) strike, (v) lock-out, (vi) labor dispute, (vii) flood, (viii) public disaster, (ix) pandemic or epidemic event (including COVID-19), (x) interruptions or delays in reasonably available means of transportation, (xi) acts of any government or its agencies or officers, or any order, regulation, or ruling thereof, to include tariffs, (xii) equipment or technical malfunctions or failures, (xiii) power failures or interruptions, (xiv) supply chain disruptions, or (xv) any other reason beyond its reasonable control, such condition shall be deemed to be a valid excuse for delay of performance or for nonperformance of any such duty or obligation for the period during which such condition exists.

9. Termination.

a. **This Contract is an annual contract that shall automatically renew on an annual basis for successive Contract Years so long as the Owner:**
   i. pays each Annual Fee to the Company in accordance with the terms herein, and
   ii. does not terminate the Contract pursuant to the terms of this Section.

b. This Contract is subject to termination by the Owner only at the end of the then-current Contract Year if written notice of intent to terminate is received by the Company at least ninety (90) days prior to the first day of the upcoming Contract Year. If the notice of intent to terminate is not received at least ninety (90) days prior to the first day of the upcoming Contract Year, this Contract shall renew for an additional Contract Year and expire at the end of the upcoming Contract Year. In such an event, the Owner agrees that it shall be responsible to pay the Annual Fee for the upcoming Contract Year. The notice of intent to terminate must be sent by certified mail, with return receipt requested, to Utility Service Co., Inc., Attention: Customer Service, Post Office Box 1350, Perry, Georgia 31069, and signed by three (3) authorized voting officials of the Owner's governing body (e.g., commission or council). Notice of intent to terminate cannot be delivered electronically or verbally (e.g., email, text, phone call, etc.).

10. Assignment. The Owner may not assign or otherwise transfer all or any of its interest under this Contract without the prior written consent of the Company. If the Company agrees to the assignment, the Owner shall remain responsible under this Contract, until its assignee assumes in full and in writing all of the obligations of the Owner under this Contract. Any attempted assignment by Owner in violation of this provision will be void and of no effect.

11. Indemnification. THE COMPANY AGREES TO INDEMNIFY THE OWNER AND HOLD THE OWNER HARMLESS FROM CLAIMS, DEMANDS, ACTIONS, DAMAGES, LIABILITY, AND EXPENSE IN CONNECTION WITH LOSS OF LIFE, PERSONAL INJURY, AND/OR DAMAGE TO PROPERTY BY REASON OF AND TO THE EXTENT OF ANY NEGLIGENT ACT OF THE COMPANY OR ITS SUBCONTRACTORS, AGENTS, OR EMPLOYEES. IN TURN, THE OWNER AGREES TO INDEMNIFY THE COMPANY AND HOLD THE COMPANY HARMLESS FROM CLAIMS, DEMANDS, ACTIONS, DAMAGES, LIABILITY, AND EXPENSE IN CONNECTION WITH LOSS OF LIFE, PERSONAL INJURY, AND/OR DAMAGE TO PROPERTY BY REASON OF AND TO THE EXTENT OF ANY NEGLIGENT ACT OF THE OWNER OR ITS CONTRACTORS, AGENTS, OR EMPLOYEES.

12. Assignment of Receivables. The Company reserves the right to assign any outstanding receivables from this Contract to its banking institution as collateral for any loans or lines of credit.

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13. Miscellaneous Items. No modifications, amendments, or alterations of this Contract may be made, except in a writing signed by the Parties. No failure or delay on the part of any Party hereto in exercising any power or right hereunder shall operate as a waiver thereof. The Parties expressly warrant that the individuals who sign below are authorized to bind them.

14. Visual Inspection Disclaimer. This Contract is based upon a visual inspection of the Tank. The Owner and the Company hereby acknowledge and agree that a visual inspection is intended to assess the condition of the Tank for all patent defects. If latent defects are identified once the Tank has been drained and is made available to the Company, the Owner agrees and acknowledges that the Company shall not be responsible to repair the latent defects unless the Owner and the Company re-negotiate the Annual Fees. The definition of a "latent defect" shall be any defect of the Tank which is not easily discovered (e.g., corrosion of the floor plates, corrosion of the roof plates or rafters, corrosion in areas inaccessible to maintain, damage to the roof of the Tank which is not clearly discoverable during the visual inspection, etc.).

15. Excessive Inflation. In the event that the aggregate of the Annual Inflation Rates (defined herein below) established for two (2) consecutive calendar years during the term of this Contract exceeds 12% in total, the Owner and the Company agree to renegotiate the Annual Fees and increase the Annual Fees throughout the remaining term of the Contract to compensate the Company for the excessive inflation. For purposes of this provision, the Annual Inflation Rate for each calendar year shall be established by the *Engineering News Report – Construction Cost Index ("ENR-CCI").* In the event that the ENR-CCI index is discontinued, the Owner and the Company will negotiate and agree to an alternative index or methodology to address the excessive inflation. For illustrative purposes, if a Contract is executed in 2022, the first equitable adjustment could not be made until both the 2023 inflation rate and the 2024 inflation rate have been established. If the annual inflation rates for 2023 and 2024 are 5.0% and 7.1%, respectively, the Owner and the Company agree to renegotiate the current year's Annual Fee as well as the remaining Annual Fees for the remainder of the term of the Contract to address the excessive inflation.

16. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which taken together shall constitute one and the same Agreement. The Parties may utilize electronic means (including facsimile and e-mail) to execute and transmit the Agreement and all such electronically executed and/or transmitted copies of the Agreement shall be deemed as valid as originals.

17. Entire Agreement. This Agreement constitutes the entire agreement of the Parties and supersedes all prior communications, understandings, and agreements relating to the subject matter hereof, whether oral or written.

SIGNATURE PAGE TO FOLLOW

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This Contract is executed and effective as of the date ("the Effective Date") that the last Party signs this Contract below.

OWNER:

Town of Waterford

By: _____

Title: Director of Finance

Print Name: Kimberly Allen

Date: October 27, 2025

Witness: _____

Seal:

COMPANY:

Utility Service Co., Inc.

By: _____

Title: National Director of Operations

Print Name: Bradley Winkeler

Date: October 27, 2025

Witness: Lara A. Townsend

Seal:

UTILITY SERVICE CO., INC. CORPORATE SEAL GEORGIA 2001

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TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Tri-Town Wastewater Agreement Capital Acct Replenishment	**DEPARTMENT PRIORITY** 2

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

Pursuant to the New London / Waterford / East Lyme Wastewater Collection, Conveyance and Treatment Agreement executed on October 15, 2021 (Tri-Town Wastewater Agreement), the Town of Waterford is contractually required to maintain a minimum balance of $1,000,000 in a capital account held by the City of New London for capital improvements at the Piacenti Facility. The agreement further requires that the minimum balance increase annually by a 2 percent escalation factor. As of September 2025, the balance in this capital account is $652,690.82. Applying the required escalation, the current minimum required balance is $1,104,081, which will increase to $1,126,162 at the start of FY27. This capital improvement request seeks to replenish the capital account to the minimum balance required under the Tri-Town Wastewater Agreement.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

See attached copy of the New London / Waterford / East Lyme Wastewater Collection, Conveyance and Treatment Agreement and capital account balance provided by the City of New London, and required balances by year

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		500,000	500,000	500,000	500,000	500,000
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**

THE

NEW LONDON / WATERFORD / EAST LYME

WASTEWATER COLLECTION, CONVEYANCE AND TREATMENT AGREEMENT

DATED: October 15, 2021

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FOR THE

NEW LONDON / WATERFORD / EAST LYME
WASTEWATER COLLECTION, CONVEYANCE AND TREATMENT AGREEMENT

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PART I – INTRODUCTION

SECTION 1 – RECITALS

WHEREAS, the City of New London and the Town of Waterford entered into an Agreement dated April 10, 1975 regarding the construction and operation of a wastewater treatment plant and related facilities located in the City of New London; and

WHEREAS, the City of New London, the Town of Waterford and the Town of East Lyme entered into a 30-year Agreement dated January 10, 1990 regarding the operation of a wastewater treatment plant and related facilities located in the City of New London; and

WHEREAS, the purpose of this Agreement is to continue the mutually beneficial collaboration between the City of New London and the Towns of Waterford and East Lyme which have developed an interconnected wastewater collection, conveyance and treatment system. The collection, conveyance and treatment facilities located in each community are owned by their respective communities. This Agreement establishes the terms, conditions and respective rights and responsibilities regarding the operation and shared use of this interconnected system.

NOW THEREFORE, the Parties agree to the following:

For the purpose of this Agreement, the following terms shall have the meaning set forth below:

SECTION 2 – DEFINITIONS

"Capital Account" means an account established separately for each of the Parties and maintained by the City which will reflect the accumulated capital payments, interest accrued and reserves created by each Party and not yet expended for Capital Improvements. The beginning balances for each Party at the time of the signing of this Agreement are attached as **Appendix A** 'Beginning Balances of Capital Account'.

"Capital Improvements" means the acquisition, construction, reconstruction, rehabilitation, demolition or replacement of shared infrastructure under terms and conditions as detailed in Part V herein.

"Evergreen-Piacenti Force and Pressure Mains" means the dedicated force and pressure mains connecting the Evergreen Pump Station to the Piacenti Facility predominately in New London, as constructed under City of New London Contract 11 and Town of Waterford Contract 5.

"Evergreen Pump Station" means the Town of Waterford wastewater pumping facility located at 52R Miner Lane, Waterford, CT, constructed under Contract 5 & 5A.

"Municipalities" means New London, Waterford and East Lyme; "municipality" means any one or more of the municipalities, as the context may dictate.

"Parties" means the City of New London (hereinafter called "City"), represented by the New London Water and Water Pollution Control Authority, the Town of Waterford (hereinafter called "Waterford") represented by Waterford Utility Commission, and the Town of East Lyme (hereinafter called "East Lyme") represented by the East Lyme Water & Sewer Commission.

"Piacenti Facility", means the City of New London's existing treatment plant, known as the "Thomas E. Piacenti Regional Water Pollution Control Facility".

"Planned Capital Project" means a capital improvement project that the City or Waterford has planned well in advance allowing the City or Waterford ample time to notify the other Parties of the cost and timing of the project.

"Third party(ies)" means any town, city, or entity whether public, quasi-public, or private, located outside of the jurisdictional boundaries of the City of New London, Town of Waterford, and/ or the Town of East Lyme.

"Towns" means Waterford and East Lyme; "town" means either of the towns, as the context may dictate.

SECTION 3 – DESCRIPTIONS OF THE SHARED INTEGRATED COLLECTION, CONVEYANCE AND TREATMENT SYSTEMS

A) SHARED INFRASTRUCTURE OF THE PARTIES

1. NEW LONDON'S SHARED TREATMENT SYSTEM (PIACENTI FACILITY)

The Piacenti Facility with a design capacity at the time of the signing of this Agreement of 10,000,000 gallons per day and consisting of:

a. The primary treatment plant and related facilities which existed on April 30, 1975, January 10, 1990, and as of the date of the signing of this agreement, including such land which was, and continues to be, owned by the City on said dates hereof, and

Additional wastewater treatment plant and related facilities as follows: all modifications at the Piacenti Facility, including additional pretreatment and primary and secondary wastewater treatment and sludge handling facilities, the control building, flood prevention work, including the concrete seawall along the ocean side of the plant and the raising of the concrete walls of the existing primary settling tanks, the outfall sewer from said Piacenti Facility to the New London harbor channel, modifications to the so-called pumping stations Nos. 6 and 7, the reconditioning land for said Piacenti Facility, being Phase II and a portion of Phase 1 of the improvements to the City's wastewater system set forth in the report entitled "City of New London Connecticut Report Upon Improvements to Wastewater Works".

b. Where the context allows, any additions, improvements or modifications to the wastewater treatment plant and related facilities made during the past Tri-Town Agreement dated 1/10/1990. Ownership and title to said Piacenti Facility shall remain with the City.

2. WATERFORD'S SHARED COLLECTION, CONVEYANCE, AND PUMPING SYSTEM

Waterford's existing interceptor sewers, force mains and other directly related facilities located as follows: beginning at the intersection of Gallup Lane and Rope Ferry Road, extending in a general easterly direction to and including the Evergreen Pump Station (hereinafter "Evergreen PS") near the boundary between the City and Waterford, and connected at that point with the City's wastewater system. The collection and conveyance component of this system is shared by East Lyme and Waterford. The Evergreen PS component of this system is shared by East Lyme, Waterford, and New London. Said wastewater conveyance system is more particularly described in a map or plan or report entitled "Map Showing the General Location of Selected Wastewater Conveyance Facilities in the Town of Waterford Comprised of East Lyme Sewer Main and Waterford Wastewater Conveyance System Date: August 23, 1988 Not to Scale by Consulting Environmental Engineers, Inc." See **Appendix B** 'Waterford's Shared Collection Conveyance and Pumping System'. Ownership and title to the sewers and related facilities located in Waterford is in the Town of Waterford.

3. NEW LONDON'S SHARED CONVEYANCE SYSTEM – EVERGREEN TO PIACENTI FORCE AND PRESSURE MAINS

The Evergreen to Piacenti Force and Pressure Mains are that piping infrastructure together with a corrosion and odor control infrastructure and other appurtenances constructed under New London Contract 11 (circa 1975), and are owned by the City of New London. The location of such infrastructure is described as follows: from outside of, and just east of the Evergreen PS, beginning at the New London/Waterford municipal boundary line, then in a southerly and easterly direction along Evergreen Avenue in New London to the intersection with Ocean Avenue in New London, then in a northerly direction along Ocean Avenue to the intersection with School Street, then in an easterly direction along School Street to the intersection with Montauk Avenue, then in a northerly direction along Montauk Avenue to the intersection with Converse Place, then in an easterly direction along Converse Place to the intersection with Pequot Avenue, then in a northerly direction along Pequot Avenue to the intersection with Trumbull Street, then in an easterly direction along Trumbull Street to about the intersection with Nameaug Street near the Piacenti Facility. See **Appendix C** 'Evergreen PS to Piacenti WWTF Sewer Pipe Location'. This system exclusively transports wastewater from the Evergreen PS in Waterford to the Piacenti Facility. According to Contract 11 plans, there are no other connections into this system along this route.

B) SHARING OF PARTIES' INFRASTRUCTURE

1. CURRENT NON-PARTY USERS OF PARTIES' INFRASTRUCTURE

Point O'Woods

2. CURRENT NON-PARTIES WITH RIGHTS TO USE PARTIES' INFRASTRUCTURE

a. The Miami Beach Association and The Miami Beach Association Water Pollution Control Authority

b. Old Lyme Shores Beach Association and The Old Lyme Shores Beach Association Water Pollution Control Authority

c. The Old Colony Beach Club Association and The Old Colony Beach Club Association Water Pollution Control Authority

d. Town of Old Lyme, a municipal corporation, and Old Lyme Water Pollution Control Authority

3. POTENTIAL FUTURE NON-PARTY USE OF PARTIES' INFRASTRUCTURE

All Parties affected by any additional expansion of the use of this interconnected wastewater infrastructure outside of the Parties' territorial limits will be advised of the terms and conditions associated with such additional sharing of a Parties' infrastructure.

Within five years of the signing of this Agreement the Parties shall commence negotiations to establish terms and conditions for the conveyance and treatment of wastewater by non-party users who currently have no rights to the Parties' shared infrastructure system.

PART II – METERING FLOW

SECTION 1 – MEASUREMENT OF FLOWS

East Lyme has installed and will maintain a flow measuring device at the Niantic pumping station which meets mutually acceptable specifications to measure, record and transmit the volume of wastewater flow from East Lyme to Waterford.

Likewise, Waterford has installed and will maintain flow measuring devices at the Evergreen PS which meet mutually acceptable standards at the connection between its sewer interceptor and the City's wastewater system to measure, record and transmit the combined volume of wastewater flow from East Lyme and Waterford, and certain areas of the City of New London to the Piacenti Facility.

Additionally, New London has installed and will maintain flow measuring devices which meet mutually acceptable specifications at the Piacenti Facility to measure and record the total wastewater volume.

New London recognizes that at Waterford's own cost, Waterford has installed flow meters which meet mutually acceptable standards to measure wastewater flowing from the City into the Waterford Collection system. These meters are located at (1) Boston Post Road, (2) Chester Street, (3) just east outside of the Evergreen PS (Niles Hill Interceptor meter), and (4) at the East Neck pumping station in Waterford. All of these meters will measure the flows generated by the City that discharge into the Waterford collection system, except the East Neck PS meter which will measure the flow generated in Waterford that discharges into the City system, but then returns (flows back) to the Waterford system. A map with the locations of these meters is shown in **Appendix D** 'Inter-Municipal Flow Meters'.

There may be additional meters throughout the shared conveyance system that may be deemed essential to determine flows between the Towns and the City. New London will keep a list of all the essential meters in the system that need to be tested, calibrated and certified on a yearly basis, and will be responsible for arranging for the testing, calibration and certification of such meters and will report the results of said testing to the Towns annually. The cost of testing, calibrating and certifying each meter will be charged back to each Town on the spring quarterly bill for the number of meters for which each Town is responsible. For example if East Lyme has one meter that registers its flow going to Waterford, it would be charged for the cost of testing and calibrating that meter. Waterford and New London have more meters to monitor flows going from Waterford to New London and vice-versa. The financial responsibility for any and all expenditures associated with the maintenance, testing, calibration, or replacement of the meters is as follows: the Niantic pumping station meter in East Lyme (East Lyme); the main meter at the Evergreen PS that measures the flow into the Evergreen-Piacenti Main (based on each party's proportional flow); the main meter that measures the total flow at the Piacenti Facility (based on each party's proportional flow); the Boston Post Road meter (New London); the Chester Street meter (New London); the Niles Hill Interceptor meter located just east of the Evergreen PS (Waterford/New London shared equally); and the East Neck pumping station meter (Waterford).

SECTION 2 – STANDARDS OF FLOWS/PERMITS

A. The City will accept, treat and discharge the wastewater flow from the Towns in the same manner in which it accepts, treats and discharges wastewater flow from within the City and shall be responsible to such state or federal authorities as may have jurisdiction over it with respect to the manner and treatment of and the discharge of such wastewater.

B. The National Pollution Discharge Elimination System permit for the operation of the Piacenti Facility having been issued to the City, the City shall have the right to inspect, sample and test wastewater discharged by the Towns into the Piacenti Facility. Either Town also shall have the right to inspect, sample and test wastewater discharged by the Towns and the City into the Piacenti Facility. In the event that such samples or tests provide evidence of a user within the City or either

Town discharging material into the Piacenti Facility or Evergreen which causes non- compliance with the terms of said permit or any amendments or modifications to said permit, or noncompliance with any applicable federal, state or local statute, ordinance or regulation, the municipality which obtains such evidence shall immediately notify the Town or City within which the offending user is located. Upon receipt of such notice, the Town or City within which the offending user is located shall promptly require pre-treatment of the discharge of said material by the offending user. The Towns and the City shall include provisions for enforcement of the provisions of this paragraph in their respective sewer ordinances, together with provisions for the recovery from an offending user of any fines or damages which may be incurred by the City and the Towns as a result of the discharge of said material into the Piacenti Facility or the Evergreen PS. If any Party suspects a problem with the quantity, quality or flow of wastewater to the Piacenti Facility or the Evergreen PS, it may notify the generating Party or Parties of the need to inspect or test the wastewater or equipment. If the generating Party fails to make such inspection or test within two weeks, the complaining Party may do so.

C. The City and the Towns will not discharge into the City's wastewater system any wastewater which contains substances not amenable to treatment in the Piacenti Facility or which are not amenable to treatment therein to the degree required by regulatory agencies having jurisdiction over the discharge of effluent into New London harbor and under no conditions shall the City or the Towns discharge wastewater into the City's wastewater system which shall have a concentration of biochemical oxygen demand (BOD) in excess of 240 average milligrams per liter or concentration of suspended solids in excess of a concentration of 240 average milligrams per liter.

D. The Water and Water Pollution Control Authority of the City has promulgated rules and regulations consistent with state and federal statutes, regulations and guidelines with respect to the operation of the wastewater treatment plant and related facilities, which rules and regulations, as they may be amended or modified from time to time to remain consistent with and in conformance to federal and state statutes, regulations and guidelines, shall be adhered to and enforced by the Towns and the City. If the City or either Town proposes to adopt new rules and regulations which affect the Piacenti Facility and are more stringent than those required by state and federal and the City's guidelines, the respective Water Pollution Control Authorities of each Town shall agree upon the necessity and terms of such rules and regulations before they are adopted, except that the City and Towns may apply and enforce any such more stringent rules and regulations within their own boundaries before agreement by all Parties regarding the necessity and terms of such rules and regulations.

PART III – TREATMENT CHARGES

SECTION 1 – DETERMINATION OF OPERATING BUDGETS & BILLING

The City Director of Public Utilities is responsible for the development and transmittal of the annual operating and maintenance budget for the Piacenti Facility. The budget shall include the following:

A. All City Sewer administration costs applicable to running the Piacenti Facility
B. All the Operation and Maintenance (hereinafter "O&M") costs of the Piacenti Facility
C. The utility costs of the Piacenti Facility
D. Any other costs associated with the facility including but not limited to: an annual line item specifically for "Plant Enhancements". The intention and amount of this line item is further discussed in Part V – Section 2 of this Agreement

The following is the timeline of the annual budget:

1. If there are any "Planned Capital Projects" that exceed $750,000, the initiating Party is to notify the other Parties no later than January 1st of the year prior to the fiscal year in which such project is proposed to commence.

2. The City Director of Public Utilities will email the Town's designated staff representative the proposed fiscal year operating and maintenance budget by February 1st so that the Towns will have an ample opportunity to review the budget.

3. The Towns shall respond back to the City by February 15th if they have any input, discrepancies or to ask any questions as necessary.

4. By April 15th, the proposed budget will be divided by the prior year's total Facility flows to derive an estimated cost per 1,000 gallons for the next fiscal year (see Sample Bill Calculation in **Appendix F**).

5. Each Town's share of the costs agreed upon under Part III, Section 1 (A-D) of this Agreement for operating, repairing and maintaining the Piacenti Facility to the mutual benefit of the Parties shall be an amount which shall bear the same ratio to such costs as the actual volume of each Town's wastewater treated in the Piacenti Facility bears to the total actual volume of wastewater treated in the Piacenti Facility.

   If,

   A. ELNET = East Lyme Flow as measured at the Niantic PS minus any flow from entities covered under Part I, Section 3, B.2 – Current Non-Parties with Rights to use Parties' Infrastructure that have a separate treatment agreement with the City, and
   B. T=Total Flow into the Piacenti Facility, and
   C. NPC=Piacenti Facility operating, maintenance and repair costs plus the Piacenti Facility's share of common administrative costs,

   (i) Then, East Lyme's bill = (ELNET/T) x NPC,

   And If,

   A. EGPS is the total flow (regardless of origin) through the Evergreen PS, and
   B. BPR is the flow measured by the Boston Post Road NL/Wtfd boundary meter, which measures flow from New London only, and
   C. Chester St. is the flow measured by the Chester St. meter at the

NL/Wtfd boundary line, which measures flow from New London only, and

D. NHI is the flow measured by the Niles Hill Interceptor meter located to the east of the Evergreen PS that measures flows coming from New London and from Waterford via the East neck PS in Waterford, and

E. East Neck is the flow measured by the meter located at the East Neck PS that measures flow that generates in Waterford but discharges into New London, and

F. Upper Broad Street is that area in Waterford (see **Appendix E** 'Waterford Properties Discharging into New London') that discharges wastewater into the New London's Collection system. Total flow calculated as per metered or estimated water consumption for those without City water, and

G. EL = East Lyme flow as measured at Niantic PS, and

H. WTFNLTP is the wastewater flow generated within the political boundaries of the Town of Waterford, then

WTFNLTP = [EGPS – (BPR + Chester St. + NHI + EL – East Neck - Upper Broad Street)]

(ii) Then, Waterford's bill = (WTFNLTP/T) x NPC

6. New London shall provide a finalized approved budget amount by April 30.

7. The City shall bill the Towns on a quarterly basis. The bills shall be sent out within two weeks of August 15th, November 15th, February 15th and May 15th of each year. Payments for these bills shall be made no later than 45 days from the date of the invoice. For the purpose of quarterly reconciliation each invoice will be calculated by using the per 1000 gallons cost as illustrated (in the example above it would be $1.9592 / 1000 gallons) times the trailing 3 months flow of that Town (for instance the August 15th bill would be based on the Towns flows from May, June and July and the November 15th bill would be the flow from August, September and October). It is the responsibility of the Towns to send their monthly flow data to the City Director of Public Utilities each month. If the City Director of Public Utilities would rather not use the trailing 3-month flows methodology, he/she can ask each Town by July 1st of each year what their projected flows will be for the coming year and take a quarter of that amount for each billing period.

8. At the May billing, the reconciliation from the previous fiscal year along with any septage and/or nitrogen credits would be processed with that billing cycle (i.e.: the May 2022 bill would adjust for the FY 20-21 cycle which ran from July 1, 2020 thru June 30, 2021). During the May billing, the Towns would be charged for the cost of the annual testing/calibration of the meters they are responsible for as determined in Part II, Section 1 of this Agreement.

PART IV – EMERGENCY REPAIRS

SECTION 1 – EMERGENCY REPAIRS

The City may make such emergency repairs necessitated from time to time for operational reasons. The cost of said emergency repairs shall be paid out of the capital funds accounts for each respective party at the capital projects percentages for the wastewater treatment facility. The City may make emergency repairs without a prior agreement between the City and the Towns.

Waterford may make such emergency repairs necessitated from time to time for operational reasons. The cost of said emergency repairs shall be paid out of the capital funds accounts for each respective party at the capital projects percentages for the Evergreen PS. Waterford may make emergency repairs without a prior agreement between the City and East Lyme.

PART V – SHARED RESPONSIBILITIES FOR CAPITAL AND OPERATION AND MAINTENANCE

SECTION 1 – CITY TO SERVE AS CUSTODIAN OF CAPITAL ACCOUNTS

A separate ledger for each of the Capital Accounts will be maintained by the City on behalf of each of the Parties. The funds in the Capital Accounts shall be invested by the City in the same instruments and with the same prudence as is required by State statute and regulation for the investment of municipal funds generally. All income from the investment of the Capital Accounts shall be credited to each municipality's Capital Account in the same proportion as the respective balances of the Capital Account of each municipality at the time the income was accrued. An accounting of the balances and all transactions affecting the Towns' Capital Accounts will be provided to the Towns by the City each spring as soon as the City's audit is complete. Either Town may request a balance of their Capital Account at any time during the year. The City shall provide said balance within ninety days of any such request.

SECTION 2 – PLACENTI FACILITY CAPITAL IMPROVEMENTS

Any principal and interest payments for existing bonding obligations shall be billed based on the Parties' capacity allocation (New London – 55%, Waterford – 30% and East Lyme – 15%). For example if there was $300,000 of principal and interest in a given year from a previously bonded project, East Lyme would be charged 15% and Waterford would be charged 30% of the total charged in quarterly payments (East Lyme would owe $45,000/ 4 for quarterly capital payments of $11,250 while Waterford would owe $90,000 / 4 for quarterly payments of $22,500). If there are any other capital costs, they would be apportioned in the same manner. The Towns would have the choice of directing the City to take capital costs from their Capital Account so long as they keep the minimum balance as determined below.

At the beginning of this Agreement, pre-determined minimum amounts have been set for each of the Parties' Capital Accounts. The purpose of this minimum is to create a reserve if a large emergency expenditure needs to be made quickly in the future. The predetermined amounts were

determined based on each Parties' capacity allocation: New London (55%), Waterford (30%) and East Lyme (15%). Based on these percentages, the minimum amounts to be kept in each capital account at all times is as follows: New London - $1,833,333, Waterford - $1,000,000 and East Lyme - $500,000. The total minimum cumulative amount in all the Parties' Capital Accounts at any time shall be $3,333,333. Any of the Parties will be allowed to go below their minimum amount only with the approval of the other Parties. These minimum balances will increase each year of this Agreement by a 2% escalation factor so that these minimum balances stay relatively current with inflation throughout the length of the Agreement. If at any time either of the Towns choose to put more money into their Capital Account, it may at any time deliver to the City funds in any amount greater than $5,000 with direction to deposit the funds into its respective Capital Account and the City shall immediately deposit the funds into that account.

In the first year of the Agreement, the minimum cost of a Capital Improvement is $50,000, with a 2% increase annually throughout the length of the Agreement.

There will be a line item each year of this Agreement in the Piacenti Facility Operating budget for "Plant Enhancements Not Meeting the Capital Improvement Threshold". The reason for this line item is to allow the City the ability to make repairs and small improvements to the Piacenti Facility which cost less than the minimum capital improvement threshold as identified in this Agreement. This "Plant Enhancement" line item shall be capped at a total of $250,000 in the first year of the Agreement; and may increase 2% annually throughout the Agreement. The City will provide the Towns with a list of each of the plant enhancements and their cost at the time of the annual reconciliation.

Any capital improvements beyond the threshold as identified in this section would come out of each Parties' Capital Account proportionally in accordance with their capacity allocation: New London (55%), Waterford (30%) and East Lyme (15%). If the City determines that a Planned Capital Project to the Piacenti Facility is necessary, and so long as the capital improvement is over $250,000 but under $750,000, and each municipality has enough funds in its Capital Account to cover its share of the anticipated cost, then the City is required at a minimum to notify the Towns in writing before entering into any contract for or spending any money on that Capital Improvement so that the Towns are aware of these proposed expenditures. The notice to the Towns should include at a minimum the following: a description of the capital improvement, any backup documentation including a court or regulatory order, decree, permit, legislation, regulation or other reason necessitating the capital improvement, the estimated cost, the anticipated schedule for construction and payment for the Capital Improvement. Funds will be withdrawn from each of the Capital Accounts appropriately throughout the project to pay for financial obligations to the contractor/vendor.

If a particular municipality does not have sufficient funds in its Capital Account to pay for its share of the Capital Improvement, the funds in its Capital Account shall first be expended down to its minimum amount and the remainder shall be paid into the Capital Account by that Town either in a lump sum or in installments, provided that payment into the Capital Account shall be made at least 30 days prior to the day by which the City must make a payment for the Capital Improvement. If such payments as indicated above are late, then interest shall be paid to the City at a rate equal to the rate of interest paid by the City for its most recent issue of general obligation bonds plus one

percentage point. If the City determines that any of the Town's Capital Accounts are within 10% of their minimum threshold, the City will notify the Town of its low balance.

All monies deposited into Capital Accounts as identified in this Agreement shall remain in the Capital Account until actual payment is due and owed to a contractor/vendor providing goods or services for the Capital Improvement. At that time, the City will withdraw from the Capital Accounts the amount necessary to pay the contractor/vendor in the following proportions: 55% from the New London Capital Account, 30% from the Waterford Capital Account, and 15% from the East Lyme Capital Account.

At no time in this Agreement may either of the Towns request to withdraw funds from its Capital Account unless it is approved by all Parties. The funds in all of the Capital Accounts may be used only to contribute to Capital Improvements to the facility and/or other shared sewer infrastructure.

The approach each municipality employs to generate funds for an additional capital contribution required for a Capital Improvement shall be within the sole discretion of each municipality. Nothing in this Agreement shall preclude two or more of the Parties from mutually agreeing to a joint financing mechanism or other financial cooperation so long as none of the rights and expectations the other Party to this Agreement is prejudiced or disadvantaged thereby.

Any Planned Capital Improvement that exceeds $750,000 would be an expense that the City or the Towns may want to bond to protect their capital account balances. In this event, the City must notify the Towns in writing by January 1st of such a planned capital expense for the coming fiscal year starting July 1st.

The Towns will have until March 1st to respond back to the City if they have questions as to the need for the Capital Improvement or to better understand the costs of the project. If one or both of the Towns needs further clarification and/or understanding of the need for the Capital Improvement, representatives of each Party shall meet at the earliest convenience to discuss the project in more detail. If one of the parties determines after good faith discussions that they still disagree with the capital project moving forward, the Party which so concludes this shall send an email to the City Director of Public Utilities by April 1st. At this time, the Party in disagreement may invoke the dispute resolution mechanism identified in Part VIII, Section 2 of this Agreement by May 1st. If it does not invoke the dispute resolution mechanism by May 1st, then that Capital Improvement will proceed as planned.

SECTION 3 – SHARING COSTS FOR CAPITAL IMPROVEMENTS AND OPERATION AND MAINTENANCE FOR THE USE OF THE EVERGREEN TO PIACENTI FACILITY MAINS AND THE USE OF THE EVERGREEN PS

The cost for O&M as well as capital expenditures for the Evergreen to Piacenti Facility Force and Pressure Mains are considered separate from the Piacenti Facility. This infrastructure was constructed in 1975. Between the years of 1975 thru 1993, only wastewater generated in Waterford was conveyed through the system. Thereafter, wastewater generated in East Lyme and certain areas of New London, when New London pumping stations were eliminated and the

wastewater sent to Waterford, also began to flow through this infrastructure via pumping from the Evergreen PS.

Under the previous 1990 Tri-Town Agreement, the O&M cost-sharing distribution for the Piacenti Facility as well as for the conveyance system infrastructure was based on the total annual flows from each community into the Facility. Capital expenditures cost-sharing for both the treatment facility and the conveyance system was based on the treatment allocation for each community at the plant: New London (55%), Waterford (30%), and East Lyme (15%). However, under this 2021 Agreement, the conveyance system is exclusively for flow from the Evergreen PS to the Piacenti Facility and the proportional responsibility for such O&M and capital expenditures shall be based on the actual flow from each of the communities.

For the Evergreen to Piacenti Facility Mains

O&M Expenditures – The following constitutes the expenditures for the force/pressure main to the Piacenti Facility expenditures to be attributed to O&M: field labor, parts, materials, and equipment associated with single expenditures less than $25,000 including but not limited to: annual inspections, cleaning of the pipes, closed-circuit television (CCTV) activities, clearing stoppages, minor repairs, maintenance, equipment, and chemicals associated with odors and corrosion control, and other activities associated with O&M of collection systems. The O&M expenditures incurred during the fiscal year, together with the flow percentages, will be used to calculate each Party's cost for that year and will be billed on the May bill.

Capital Improvements - means the acquisition, construction, reconstruction, rehabilitation, demolition or replacement of the Evergreen PS to Piacenti Facility Conveyance System, or major components thereof. Capital Improvements include repairs which cost, exclusive of the labor cost of City or Town employees, more than $25,000. This figure will increase 2% each year of the Agreement. Other than the percentage of cost sharing, capital expenditures threshold and associated notifications, such expenditures with this conveyance system will be handled in the same manner as capital expenditures associated with the Piacenti Facility as described above. The Capital Improvements incurred during the fiscal year together with the flow percentages will be used to calculate the Parties' cost sharing, to be billed in the same manner as capital expenditures at the Piacenti Facility. Each of the parties may use the balance in its Capital Account to pay their share so long as the Account stays above its minimum balance.

Cost Sharing Distribution – For a given fiscal year, the percentage of cost sharing for O&M as well as capital expenditures shall be prorated based on the flow from each community through the Evergreen PS on the previous fiscal year as follows:

> **New London percentage** – Annual flow metered at: the Chester Street meter, plus the Boston Post Road meter, plus the Evergreen east meter (from the Niles Hill interceptor), minus the East Neck meter, then divided by the annual total flow through Evergreen PS. During fiscal year 2019-2020, this percentage was 17%.
>
> **East Lyme percentage** – Annual flow metered at the Niantic River PS in Niantic, then divided by the annual total flow through the Evergreen PS. During fiscal year 2019-2020, this percentage was 27%.

Waterford percentage – the annual total flow through Evergreen PS minus East Lyme flow, minus New London flow, then divided by the annual total flow through the Evergreen PS. During fiscal year 2019-2020, this percentage was 56%.

For the Evergreen PS

O&M and capital expenditures will be cost-shared and billed in the same manner as expenditures associated with the Evergreen PS/ Piacenti Facility Force and Pressure Mains. The threshold for the Evergreen PS capital expenditures will be a minimum of $10,000, with annual increases of 2%. At its discretion, and for capital expenditures only, each Town may use its Capital Account as long as its minimum balance is maintained. The municipality intending to use such Capital Account will inform Waterford of such intention.

SECTION 4 – COORDINATION WITH EAST LYME/WATERFORD AGREEMENT

Waterford and East Lyme (but not the City) agree that the provisions of this Agreement are to be read and understood in conjunction with any current agreement regarding the use of the Waterford wastewater conveyance system between East Lyme and Waterford and as between this Agreement and the said East Lyme/Waterford Agreement, neither is intended to abrogate the rights and responsibilities stated in the other. To the extent possible, said agreements shall be construed so as to be harmonious and the separate provisions of each agreement should be construed so that each would be operative. The City is not a party to the Waterford/East Lyme Agreement and is not bound by it.

PART VI – TERM, REOPENING AND TERMINATION OF AGREEMENT

SECTION 1 – TERM OF AGREEMENT

This Agreement shall be in effect for a period of twenty (20) years. The Parties shall have the option of extending the Agreement for another ten (10) years if all Parties agree to such an extension no less than five (5) years from the end of the original term. At any time before the final five years of the initial twenty (20) year term, any of the Parties may, by giving written notice to the other parties, propose to extend the term of this Agreement for an additional ten (10) years. In such event, each of the Parties receiving said notice shall respond to said notice within sixty (60) days after receipt of same. If either of the responding parties refuses to extend the Agreement, it shall provide reasonable and rational reasons for said refusal. If either of the responding Parties proposes an extension upon certain conditions or modifications, it shall give reasonable and rational reasons for such conditions or modifications. Upon receipt of the answers from the responding Parties, the Party proposing to extend the term of this Agreement shall either begin negotiations with the other Parties or withdraw its proposal, in its discretion.

SECTION 2 – REOPENING CONTRACT TO ADDRESS TREATMENT CAPACITY OF EACH MUNICIPALITY

At any time after five (5) years, any Party to this Agreement may request the Agreement be reopened in order to negotiate modifications to the allocation of the Piacenti Facility capacity among the parties. Such request shall be in writing and be delivered in accordance with the provisions of Part VIII, Section 11 of this Agreement. The other parties shall not unreasonably withhold their participation in such negotiations.

SECTION 3 – PROCEDURE FOR TERMINATION OF THE AGREEMENT

Not less than the final five years prior to the initial or extended term, either or both the Towns may, by giving written notice to the other Parties, elect to terminate its use of the Piacenti Facility at the end of this Agreement. In such event, the wastewater system of the Town or Towns electing to terminate shall be physically separated from the City's facilities or the other Town's facilities at the end of the term of this Agreement. In the event that Waterford elects to terminate its use of the Piacenti Facility pursuant to the terms of this paragraph, East Lyme agrees to use due diligence in obtaining all necessary state and/or federal regulatory approvals to use alternative treatment facilities, and after having obtained such approvals, to pursue the construction and/or connection to such alternative treatment facilities with due diligence. Physical separation of East Lyme's facilities from Waterford's facilities shall not occur until such alternative treatment facilities are available to East Lyme.

Not less than the final five years prior to the initial or extended term the City may, by giving written notice to the Towns, elect to terminate the Towns' use of the Piacenti Facility at the end of this Agreement. In such event, the Towns agree to use due diligence in obtaining all necessary state and/or federal regulatory approvals to use alternative treatment facilities, and after having obtained such approvals, to pursue the construction and/or connection to such alternative treatment facilities with due diligence. Physical separation of the City's facilities from the Towns' facilities shall not occur until such alternative treatment facilities are available to the Towns.

If the Towns or City fail to terminate this Agreement in the manner as identified above, then the joint use of the Piacenti Facility and shared infrastructure as defined herein shall continue in effect for another 10 year term after the last day of this Agreement under the same terms as this Agreement.

It is recognized that if an eventual separation should occur, either or both of the Towns may be entitled to reimbursement for any portion of the City's or the other Town's wastewater facilities for which either or both of the Towns have paid a proportionate share which may be of further usefulness to the City or to the other Town. Reimbursement with regard to a Town's wastewater facilities will be considered only if East Lyme becomes separate from Waterford. If the Parties are unable to agree on the amount of such reimbursement, the question of further usefulness of any portion of the City's or other Town's wastewater facilities and the value thereof shall be determined in accordance with the provisions of Part VIII, Section 2 of this Agreement. In determining further usefulness and value the municipalities and any decision makers invoked pursuant to Part VIII, Section 2 of this Agreement shall consider the remaining useful life of the Piacenti Facility and Waterford's wastewater conveyance system and any improvements and additions thereto as of the date of separation, the value to the municipality which retains the use of the facility or system, and the proportion of Capital Improvements paid by each municipality throughout the life of the facility or system, provided that no reimbursement shall be payable to a municipality which affirmatively acts to require a separation. The percentage of such value for which either or both of the Towns shall be reimbursed will be in the same proportion as each Town's share of the original cost of the Piacenti Facility as determined under a prior agreement between the City and Waterford dated April 30, 1975, as amended, by Paragraph 15 of the 1990 Agreement. In the event that East Lyme becomes separated from Waterford's wastewater conveyance system, the

percentage of such value for which East Lyme shall be reimbursed will be in the same proportion as East Lyme's share of the original cost of Waterford's wastewater conveyance systems as determined under an agreement between East Lyme and Waterford dated August 24, 1988. If the computation should result in a negative value to any municipality and a positive value to any other municipality, then the municipality or municipalities with a negative balance shall be obligated to pay their respective deficiencies to the municipality or municipalities with a positive balance, except that if East Lyme separates but Waterford and the City remain connected, no such payment will be required from Waterford at the time of East Lyme's separation. Any municipality which has not elected to terminate shall be entitled to reimbursement of all costs associated with the separation and with the removal or destruction of any excess facilities. Such costs will be paid by the municipality or municipalities which have elected to terminate this Agreement.

In the event of separation, each municipality shall receive the balance, including accrued interest, of its Capital Account.

PART VII – SEPTIC TANK PUMPING AND NITROGEN CREDITS

SECTION 1 — SEPTIC TANK PUMPING

Septic tank pumping originating from septic tanks located in either Town or in the City may be deposited at the Piacenti Facility, subject to rules and regulations promulgated by the City with respect to such deposits, which rules and regulations shall be the same for residents of the Towns as are established for residents of the City. The rate for such septage deposits shall be determined by the City. Both revenues and expenses from septic tank pumping will be allocated to each of the Towns in proportion to their actual flow as calculated in the Spring reconciliation which is detailed in Part III Section 1 of this Agreement. The credit would be titled "Septage" on the New London bill.

SECTION 2 – NITROGEN CREDITS

Nitrogen Exchange Program - The Nitrogen exchange program is administered through the State of CT DEEP. The program provides a credit to facilities that exceed the nitrogen removal goals set forth by the DEEP. There is also a penalty for underperformance in nitrogen removal. The credit or penalty depends on the performance of the facility in any given year. Each community shares in this program based on flow for the program year. Either a credit or penalty will be added to the annual adjusted bill.

Both revenues and expenses from Nitrogen Credits will be allocated to each of the Towns in proportion to their actual flow as calculated in the Spring review.

PART VIII – OTHER PROVISIONS

SECTION 1 – FIRST YEAR OF THE AGREEMENT

There are numerous provisions in this Agreement that identify specific ways to handle Treatment charges and Capital Expenditures among other things. Many of these provisions have specific timelines and procedures that need to be followed throughout the fiscal year and some of them are different than how those procedures were followed in the past agreement. In light of this and the timing of the signing of the new agreement, the Parties agree that in the first year of this Agreement, the Parties will abide by the intent of this new Agreement while transitioning from the old Agreement to the new one. Nonetheless, starting in January before the first full fiscal year of this Agreement, all of the timelines, notifications and other provisions of the new Agreement will be followed.

SECTION 2 – DISPUTE RESOLUTION

It is the express intention of the parties that all legal proceedings related to this Agreement or to any rights or any relationship between the parties arising therefrom shall be solely and exclusively initiated and maintained in the Superior Court for the Judicial District for New London at New London, Connecticut. The parties each irrevocably consents to the jurisdiction of such court in any such actions or proceedings, waives any objection it may have to the laying of the jurisdiction of any such action or proceeding. It shall be a condition precedent to initiating an action in the Superior Court that the parties have engaged in non-binding mediation.

THE PARTIES HEREBY EXPRESSLY WAIVE ANY AND ALL RIGHTS THEY MAY HAVE TO TRIAL BY JURY OF ANY CLAIM, DEMAND, ACTION OR CAUSE OF ACTION (1) ARISING UNDER THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HEREWITH, OR (2) IN ANY WAY CONNECTED WITH OR RELATED OR INCIDENTAL TO THE DEALINGS OF THE PARTIES HERETO OR ANY OF THEM WITH RESPECT TO THIS AGREEMENT OR ANY OTHER INSTRUMENT, DOCUMENT OR AGREEMENT EXECUTED OR DELIVERED IN CONNECTION HEREWITH, OR THE TRANSACTIONS RELATED HERETO OR THERETO, IN EACH CASE WHETHER NOW EXISTING OR HEREAFTER ARISING, AND WHETHER SOUNDING IN CONTRACT OR TORT OR OTHERWISE; AND THE PARTIES HEREBY AGREE AND CONSENT THAT ANY SUCH CLAIM, DEMAND, ACTION OR CAUSE OF ACTION SHALL BE DECIDED BY COURT TRIAL WITHOUT A JURY, AND ANY PARTY MAY FILE AN ORIGINAL COUNTERPART OR A COPY OF THIS SECTION WITH ANY COURT AS WRITTEN EVIDENCE OF THE PARTIES' CONSENT TO THE WAIVER OF ITS RIGHT TO TRIAL BY JURY

SECTION 3 – RIGHT TO ACCESS RECORDS

On reasonable notice and at reasonable times and intervals, all records of the City pertaining to the Piacenti Facility shall be available for inspection and review by authorized representatives of either Town and by an independent certified public accountant retained and paid by either Town for such purposes.

SECTION 4 – RESERVATION OF RIGHTS

The Parties each reserve the right to assign their respective rights and obligations under this Agreement and any related agreements to an entity or system providing for regional water and/or sewer service.

SECTION 5 – SUPERSEDES JANUARY 10, 1990 AGREEMENT AND ANY AMENDMENT THERETO

New London, East Lyme, and Waterford agree that this Agreement is intended to supersede and replace their agreement dated January 10, 1990, as amended, and that agreement is hereby declared null and void.

SECTION 6 – AMENDMENTS AND MODIFICATIONS ONLY IN WRITING

The provisions of this Agreement shall be amended or modified only by written agreement duly executed by the duly authorized representatives of the Parties.

SECTION 7 – CHOICE OF CONNECTICUT LAW

This Agreement and any questions concerning its validity or construction shall be governed by the laws of the State of Connecticut.

SECTION 8 – SEVERABILITY CLAUSE

In the event that any provision of this Agreement shall for any reason be determined to be invalid, illegal or unenforceable in any respect, the other provisions shall remain in force and effect, except that if any portions of this Agreement are determined to be invalid, illegal or unenforceable, the Towns and the City will negotiate in good faith to reestablish the Sections that are determined to be invalid, illegal or unenforceable. If after six months of negotiations, mutual agreement is not reached, any Party may, but is not obligated to, terminate this Agreement in same manner and subject to the same terms as provided in Part VI Section 3 of this Agreement as if the end of the term were five years from the date of notice of termination.

SECTION 9 – NO THIRD-PARTY RIGHTS

Except as may be expressly provided herein, nothing in this Agreement is intended to confer on any person other than the City of New London and Towns of Waterford and East Lyme any rights or remedies under or by reason of this Agreement.

SECTION 10 – SINGULAR/PLURAL USAGE

In this Agreement, the use of the singular shall encompass the plural, and vice versa, where appropriate in the context.

SECTION 11 – LISTING OF NAMES AND ADDRESSES FOR NOTICES

Except as otherwise provided in this Agreement, all notices and communications required or permitted hereunder shall be in writing and sufficiently given if delivered in person, sent by certified or registered mail, or by email as follows:

If to the City:

Chairman
New London Water and Water Pollution Control Authority
13 Masonic Street
New London, Connecticut 06320

Plus, a copy to:
Director
New London Public Utilities
13 Masonic Street
New London, Connecticut 06320

If to Waterford:

Chairman
Waterford Utility Commission
1000 Hartford Road
Waterford, Connecticut 06385

Plus, a copy to:
First Selectman
Waterford Town Hall
15 Rope Ferry Road
Waterford, Connecticut 06385

Plus, a copy to:
Director
Waterford Utility Commission
1000 Hartford Road
Waterford, Connecticut 06385

If to East Lyme:

Chairman
East Lyme Water and Sewer Commission
PO Box 519
Niantic, Connecticut 06357

Plus, a copy to:
East Lyme Public Works Director
PO Box 519
Niantic, Connecticut 06357

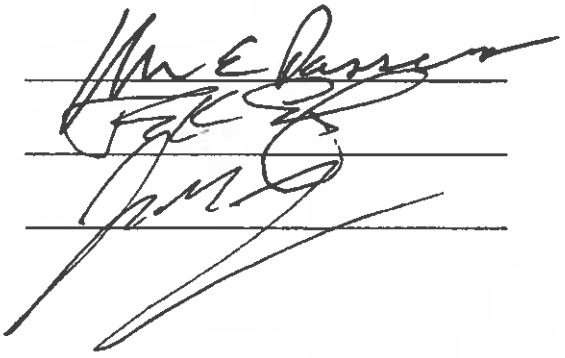
The respective addresses to which such notices are given may be changed from time to time by written notice from the Addressee. Additionally, email addresses provided to each Party may be used as proper notification.

IN WITNESS WHEREOF, the Parties to this Agreement and this instrument to be signed in triplicate by their duly authorized officers and their respective seals to be affixed hereto, all as of this 15th day of October, 2021.

Signed, Sealed and Delivered in the presence of:

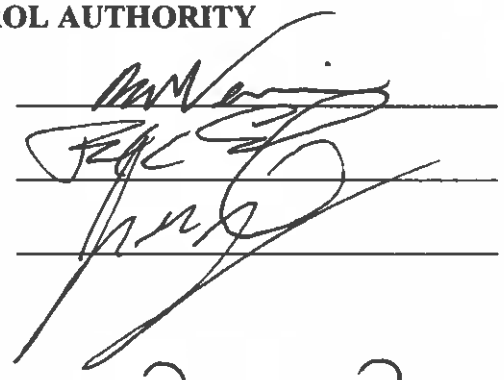
CITY OF NEW LONDON
By its Mayor,
Michael E. Passero

Witnesses



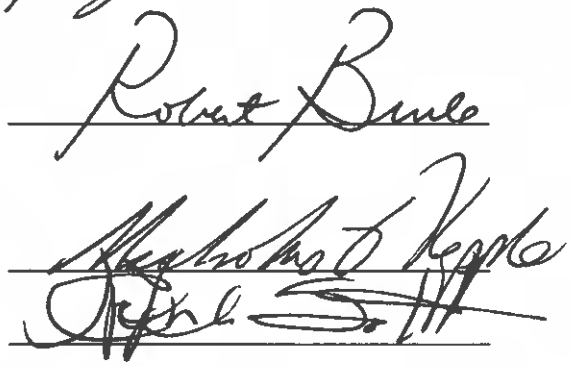
CITY OF NEW LONDON
WATER AND WATER POLLUTION CONTROL AUTHORITY
By its Chairman,
Barry J. Weiner

Witnesses



TOWN OF WATERFORD
By Robert Brule, First Selectman
As authorized by Board of Selectmen and
Representative Town Meeting

Witnesses



TOWN OF WATERFORD
UTILITY COMMISSION
By its Chairman,
Kenneth Kirkman

Witnesses

TOWN OF EAST LYME
WATER & SEWER COMMISSION
By its Chairman,
Mark Nickerson

Witnesses

APPROVED AS TO FORM:

Brian Estep - Attorney – City of New London

APPROVED AS TO FORM:

Nicholas Kepple – Town Attorney – Town of Waterford

APPROVED AS TO FORM:

Edward O'Connell - Town Attorney – Town of East Lyme

PART IX - APPENDICES

APPENDIX A

BEGINNING BALANCES OF CAPITAL ACCOUNT

City of New London

Department of Finance

13 Masonic Street • New London, CT 06320 • Phone (860) 447-5218 • Fax (860) 447-5297

October 14, 2021

To Whom It May Concern,

The purpose of this letter is to provide some information pertaining to the current amounts in Capital Accounts regarding the Thomas E. Piacenti Regional Water Pollution Control Facility. Please see below for additional information regarding amounts in the Capital Accounts as of September 30, 2021 which include recent interest.

Account Name	Account in account
East Lyme Capital Account	$1,157,198.67
Waterford Capital Account	$2,112,941.54
New London Capital Account	$3,175,421.48

Please feel free to reach out to me with any questions. I can be reached at dmcbride@newlondonct.org and 860-447-5218.

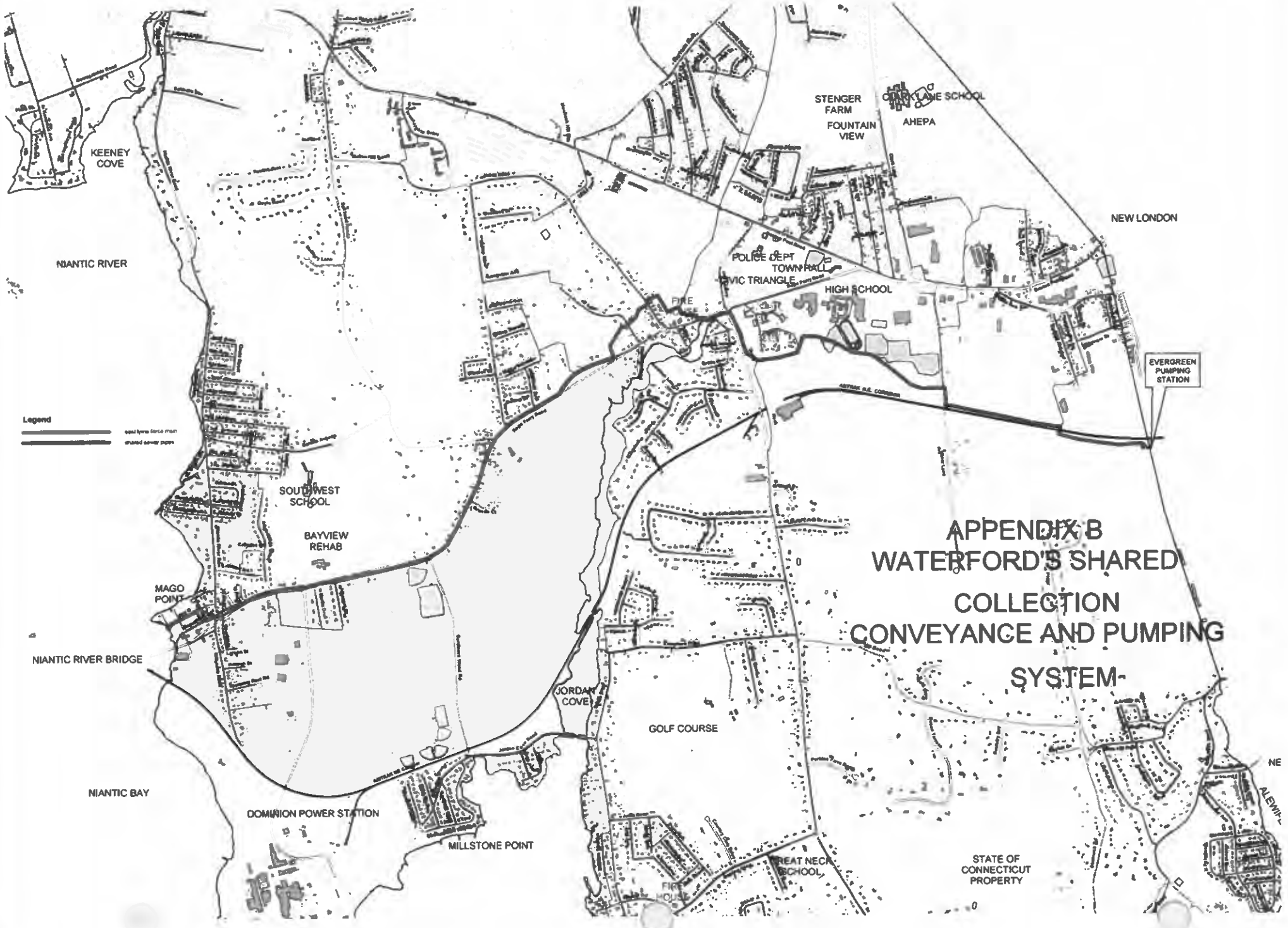
Thank you,

David McBride
Director of Finance

Cc: Joe Lanzafame
Brian Estep
Donna Rinehart

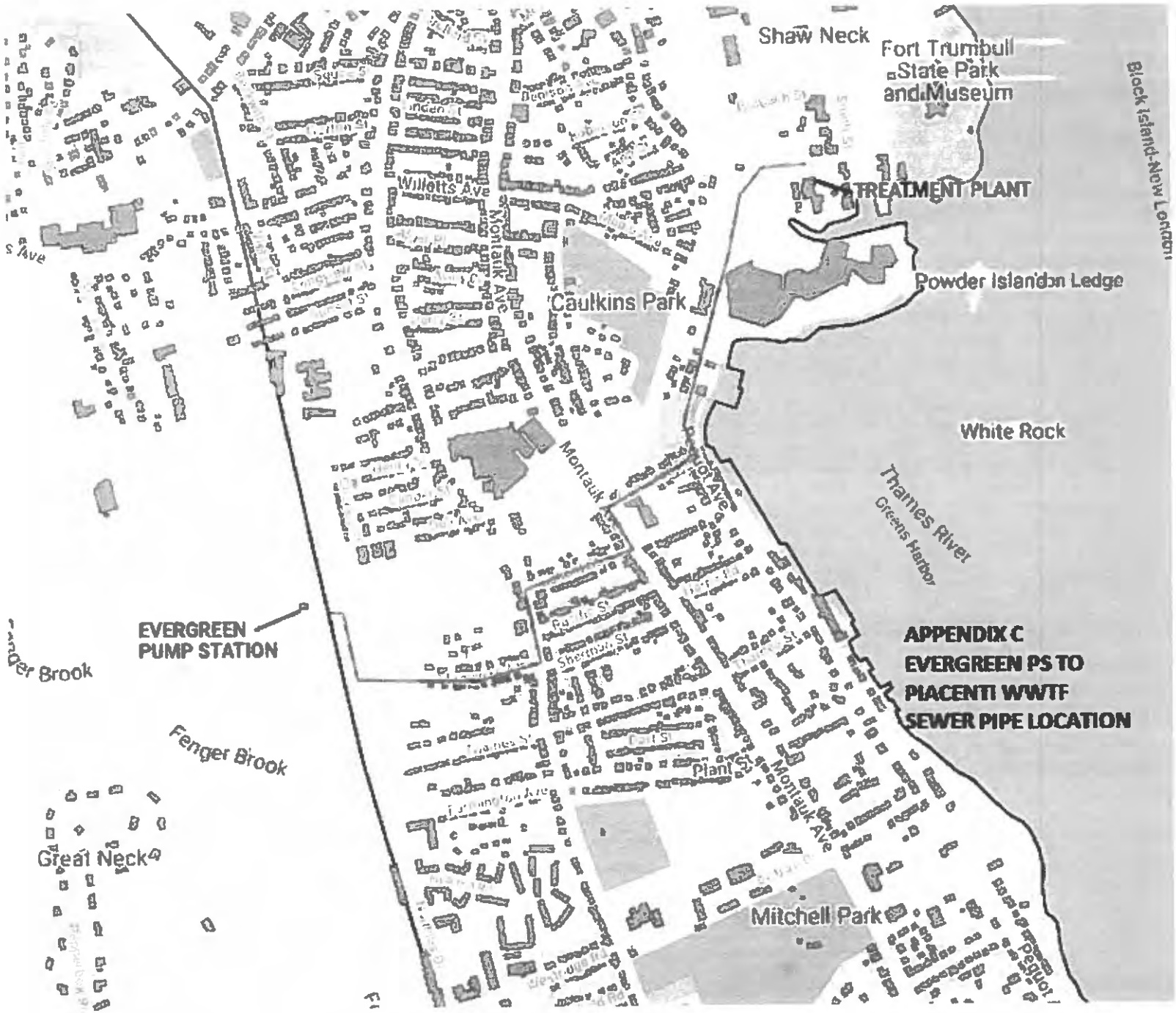
APPENDIX B

WATERFORD'S SHARED COLLECTION CONVEYANCE AND PUMPING SYSTEM


KEENEY COVE
NIANTIC RIVER
STENGER FARM
FOUNTAIN VIEW
CLARK LANE SCHOOL
AHEPA
NEW LONDON
POLICE DEPT
TOWN HALL
CIVIC TRIANGLE
HIGH SCHOOL
FIRE
EVERGREEN PUMPING STATION
Legend
SOUTHWEST SCHOOL
BAYVIEW REHAB
MAGO POINT
NIANTIC RIVER BRIDGE
JORDAN COVE
GOLF COURSE
NIANTIC BAY
DOMINION POWER STATION
MILLSTONE POINT
GREAT NECK SCHOOL
STATE OF CONNECTICUT PROPERTY
APPENDIX B
WATERFORD'S SHARED
COLLECTION
CONVEYANCE AND PUMPING
SYSTEM-

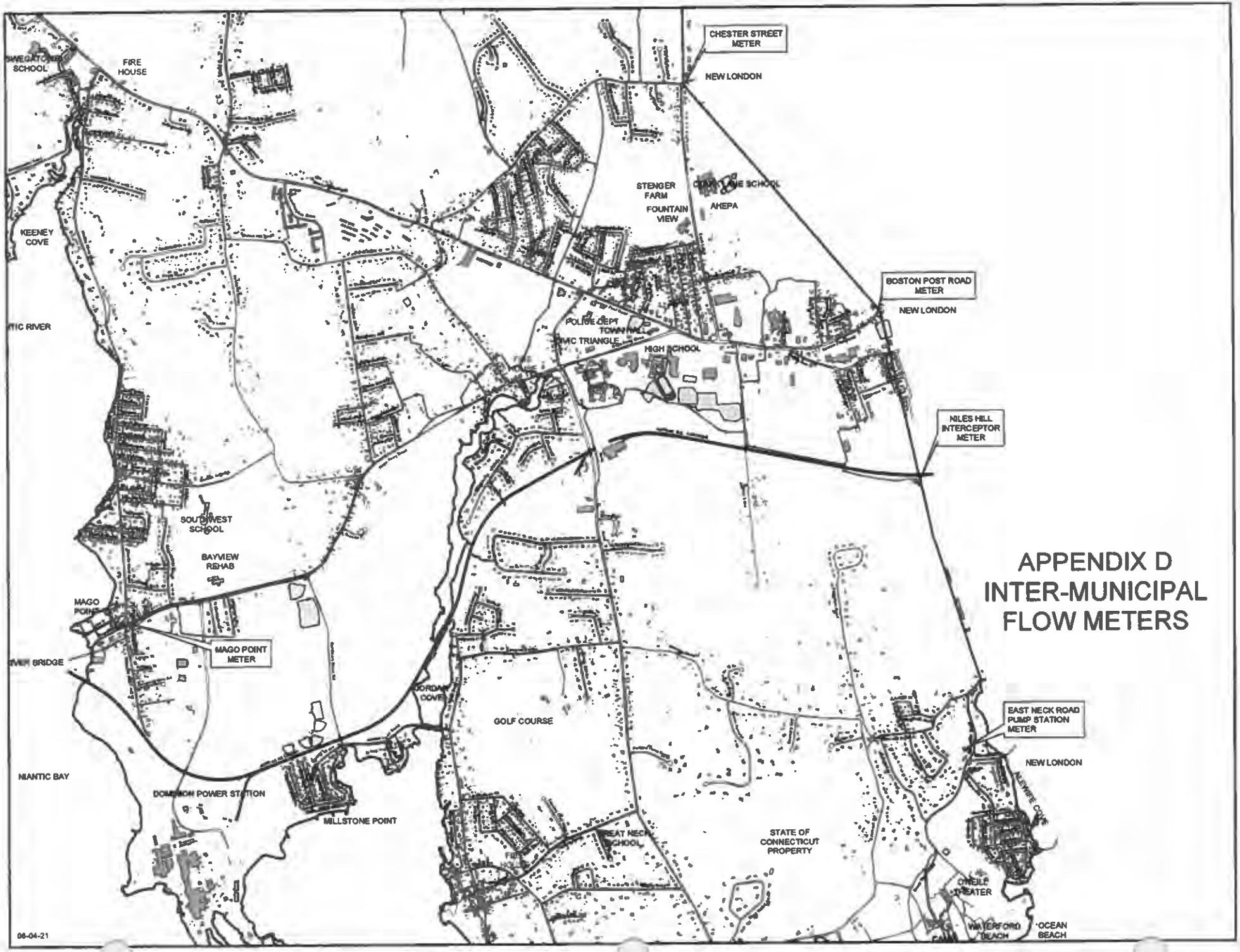
APPENDIX C

EVERGREEN PS TO PIACENTI WWTF SEWER PIPE LOCATION


Shaw Neck
Fort Trumbull
State Park
and Museum
Black Island-New London
TREATMENT PLANT
Willetts Ave
Montauk Ave
Caulkins Park
Powder Island
Ledge
White Rock
Thames River
Greens Harbor
Montauk
EVERGREEN
PUMP STATION
APPENDIX C
EVERGREEN PS TO
PIACENTI WWTF
SEWER PIPE LOCATION
Fenger Brook
Great Neck
Plant St
Mitchell Park

APPENDIX D

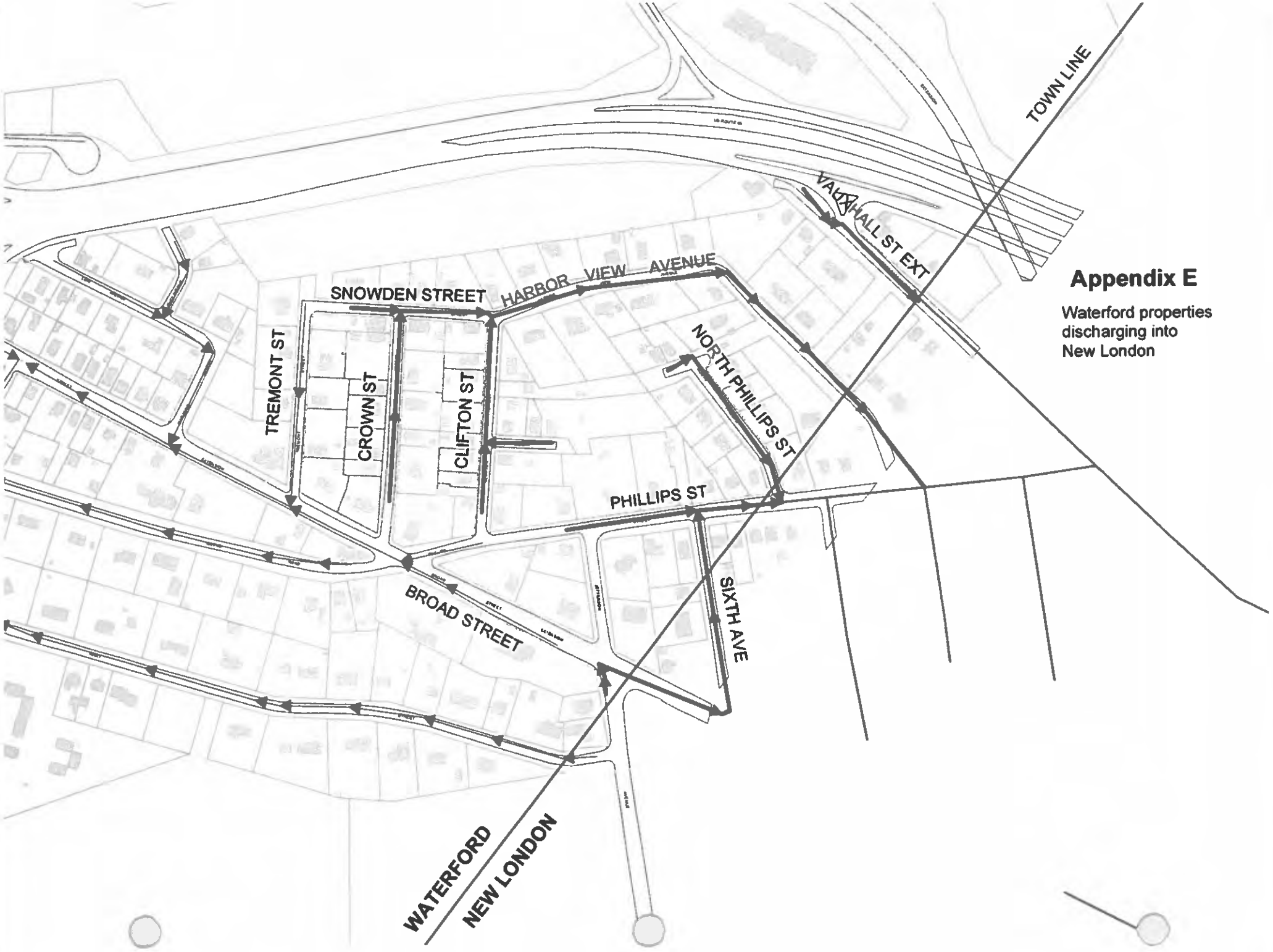
INTER-MUNICIPAL FLOW METERS



APPENDIX D
INTER-MUNICIPAL FLOW METERS

APPENDIX E

WATERFORD PROPERTIES DISCHARGING INTO NEW LONDON



Appendix E

Waterford properties discharging into New London

APPENDIX E-1

PROPERTIES IN WATERFORD (NORTH OF UPPER BROAD STREET) THAT DISCHARGE INTO NEW LONDON

Appendix E-1 - Properties in Waterford (north of upper Broad Street) that discharge into New London.

STREET	HOUSE NUMBER
SNOWDEN ST	5
SNOWDEN ST	9
SNOWDEN ST	13
SNOWDEN ST	15
CROWN ST	6
CROWN ST	7
CROWN ST	8
CROWN ST	11
CROWN ST	12
CROWN ST	15
CROWN ST	16
CROWN ST	19
CROWN ST	22
CROWN ST	22.5
CROWN ST	24
CROWN ST	25
CLIFFTON ST	6
CLIFFTON ST	8
CLIFFTON ST	10
CLIFFTON ST	11
CLIFFTON ST	14
CLIFFTON ST	16
CLIFFTON ST	18
CLIFFTON ST	19
CLIFFTON ST	24
CLIFFTON ST	26
CLIFFTON ST	27
CLIFFTON ST	28
MURRAY CT	6
MURRAY CT	8
HARBOR VIEW AVE	2
HARBOR VIEW AVE	4
HARBOR VIEW AVE	10
HARBOR VIEW AVE	11
HARBOR VIEW AVE	13
HARBOR VIEW AVE	15
HARBOR VIEW AVE	16
HARBOR VIEW AVE	17
HARBOR VIEW AVE	20
HARBOR VIEW AVE	21
HARBOR VIEW AVE	22
HARBOR VIEW AVE	26
HARBOR VIEW AVE	28
NORTH PHILLIPS ST	5
NORTH PHILLIPS ST	6
NORTH PHILLIPS ST	7
NORTH PHILLIPS ST	8
NORTH PHILLIPS ST	9
NORTH PHILLIPS ST	10
NORTH PHILLIPS ST	11
NORTH PHILLIPS ST	12
NORTH PHILLIPS ST	14
PHILLIPS ST	53
PHILLIPS ST	57
PHILLIPS ST	74
PHILLIPS ST	76
PHILLIPS ST	79
PHILLIPS ST	99
PHILLIPS ST	82
PHILLIPS ST	84
PHILLIPS ST	85
PHILLIPS ST	91
PHILLIPS ST	107
JEFFERSON AVE	805
JEFFERSON AVE	806
JEFFERSON AVE	762
BROAD ST	709
SIXTH AVE	20
VAUXHALL ST EXT	543
VAUXHALL ST EXT	544
VAUXHALL ST EXT	545
VAUXHALL ST EXT	550
VAUXHALL ST EXT	552
VAUXHALL ST EXT	554
VAUXHALL ST EXT	556

APPENDIX F

SAMPLE BILL CALCULATION

SAMPLE BILL CALCULATION

EXAMPLE OF THE CALCULATION FOR THE COST /1000 GALLONS

Say for FY 22-23 (July 1, 2022 – June 30, 2023)

City Sewer Administration Cost		$625,000
Operations Costs		
Contracted Services	$3,400,000	
Electricity	$525,000	
Small Projects [1]	$250,000	
Other $10,000		
Operations Total		$4,185,000
Total – Operating & Administration		$4,810,000

SEWER PLANT TOTAL ACTUAL FLOWS (FROM PRIOR YR) – FY 21-22

MONTH	AVERAGE DAILY	DAYS	MONTHLY FLOW
Jul 21	6,467,742	31	200,500,000
Aug 21	5,925,806	31	183,700,000
Sep 21	5,143,333	30	154,300,000
Oct 21	6,509,677	31	201,800,000
Nov 21	6,940,000	30	208,200,000
Dec 21	8,674,194	31	268,900,000
Jan 22	7,312,903	31	226,700,000
Feb 22	7,031,034	28	196,868,966
Mar 22	6,861,290	31	212,700,000
Apr 22	7,743,333	30	232,300,000
May 22	6,832,258	31	211,800,000
Jun 22	5,243,333	30	157,300,000
TOTALS AVG	**6,723,742**	**365 DAYS**	**2,455,068,966**

Cost per 1,000 gallons = total proposed budget / the plant flows from the previous year (in this example the flows are from FY 21-22) - $4,810,000 / 2,455,068.966 = $1.9592 / 1000 gallons

[1] Less than or equal to $250,000 for projects that are not capital projects

Tri-Town Waterford Account
Chelsea Groton Bank

Balance 6/30/2022				2,043,943.37	
July Interest			129.92	2,044,073.29	
August Interest			147.85	2,044,221.14	
Sept. Interest			134.41	2,044,355.55	
Oct Interest			138.90	2,044,494.45	
Nov. Interest			134.43	2,044,628.88	
December Int			134.44	2,044,763.32	
Jan. Interest			134.41	2,044,897.73	
Feb Int			134.50	2,045,032.23	
March Interest			133.95	2,045,166.18	
April Interest			120.51	2,045,286.69	
May Interest			142.93	2,045,429.62	
June Withdrawl		(211,567.50)	121.15	1,833,983.27	63,000.00 Denitrification Repairs
Balance 6/30/23				1,833,983.27	73,121.25 FY 23 Prin and Interest
July Interest			124.61	1,834,107.88	75,446.25 FY 22 Prin and Interest
August Interest			124.62	1,834,232.50	
Sept. Int.			116.59	1,834,349.09	
Oct. Int.			128.66	1,834,477.75	
Nov. Interest			120.62	1,834,598.37	
Dec. Int			116.61	1,834,714.98	
Jan. Interest		(141,920.00)	123.68	1,692,918.66	Clarifier 1 and 2 Repairs
Feb.Int.			107.31	1,693,025.97	
March Int.		(310,600.00)	106.64	1,382,532.61	262,000.00 Clarifier 1 and 2 Repairs
					48,600.00 Main Generator Repairs
April		(18,123.60)	95.87	1,364,504.88	
May			92.46	1,364,597.34	
June 6/30/2024		(12,240.00)	82.90	1,352,440.24	
July			97.55	1,352,537.79	
August			88.69	1,352,626.48	
September			91.65	1,352,718.13	

October			91.66	1,352,809.79	
November		(38,019.00)	83.59	1,314,874.38	
December		(80,488.30)	89.68	1,234,475.76	
January		(18,587.67)	82.27		
		(96,124.00)		1,119,846.36	
February			68.72	1,119,915.08	
March		(141,537.66)	70.50		
		(28,555.95)		949,891.97	
April		(22,241.46)	61.68	927,712.19	
May		(92,085.08)	55.75	835,682.86	
June		(112,389.80)	50.62	723,343.68	
July			49.15	723,392.83	
August			45.98	723,438.81	
September		(70,796.25)	48.26	652,690.82	FY24 Debt Prin and Interest

Waterford's Captial Account Requirements

per Part V Section 2 of the Tri Town Agreement

Date	Min. Balance
October 2021	$ 1,000,000.00
October 2022	$ 1,020,000.00
October 2023	$ 1,040,400.00
October 2024	$ 1,061,208.00
October 2025	$ 1,082,432.16
October 2026	$ 1,104,080.80
October 2027	$ 1,126,162.42
October 2028	$ 1,148,685.67
October 2029	$ 1,171,659.38
October 2030	$ 1,195,092.57
October 2031	$ 1,218,994.42
October 2032	$ 1,243,374.31
October 2033	$ 1,268,241.79
October 2034	$ 1,293,606.63
October 2035	$ 1,319,478.76
October 2036	$ 1,345,868.34
October 2037	$ 1,372,785.71
October 2038	$ 1,400,241.42
October 2039	$ 1,428,246.25
October 2040	$ 1,456,811.17
October 2041	$ 1,485,947.40

2% Escalation Factor

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Water Distribution System Emergency Capital Reserve	**DEPARTMENT PRIORITY** 3

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

Under the Waterford / New London Interlocal Water Agreement (W/NLIWA), Waterford water system users are customers of the City of New London Department of Public Utilities, and the Utility Commission does not receive user-based revenue to fund emergency repairs that meet the agreement's definition of Material costs. This request establishes a dedicated capital reserve for emergency water distribution system repairs that must be treated as Capital Improvements under the W/NLIWA. Water system failures are unpredictable and often require immediate response to protect public health and maintain service continuity. The reserve provides readily available capital funding for such events, reduces reliance on emergency appropriations, and avoids disruption to other approved capital projects

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None, funding will be expended only for capital-eligible emergency repairs and not for routine maintenance.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

See included back up narrative and example material costs incurred by the Town since 2016.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		200,000	200,000	200,000	200,000	200,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**

Water Distribution System Emergency Capital Reserve

Waterford embarked on installing its water distribution system in the 1960's, prior to the installation of our wastewater system. The Town of Waterford owns the distribution system pipes and the City of New London owns the water supply within the system.

Under the current Waterford / New London Interlocal Water Agreement (W/NLIWA), all users of the municipal water system in Waterford are direct customers of the City of New London Department of Public Utilities, which operates and maintains the water distribution system on behalf of the Town. Consequently, the Utility Commission does not receive any user-based revenue.

Pursuant to the W/NLIWA, "Material," as applied to the cost or expense of a particular repair or maintenance activity, is defined as costs greater than or equal to $5,000, adjusted cumulatively by the Escalation Index as of April 1 preceding the adjustment date. The agreement further specifies that (i) the installation of more than three contiguous standard lengths of pipe is deemed Material regardless of cost, and (ii) the first $10,000 spent on Material costs or expenses is deemed not Material, with that amount also subject to escalation.

Using the ENR Construction Cost Index as prescribed by the W/NLIWA, the current Escalation Index is 3.13. This results in an adjusted Material cost threshold of $15,658, with the first $31,300 of Material costs deemed not Material. Under the W/NLIWA, any repair with costs exceeding these thresholds is required to be treated and funded as a Capital Improvement.

Waterford's distribution system has experienced 120 water main breaks since 2008, of those breaks 53 have occurred in the last 6 years. Construction costs have increased significantly over time; for example, a 20-foot length of 10-inch ductile iron pipe that cost approximately $150 in 1960 now costs approximately $975–$1,000. Given the age of the system and escalating material and labor costs, it is reasonable to expect that emergency repairs will more frequently meet the definition of Material costs.

This request establishes a dedicated capital reserve for emergency repairs to the water distribution system that qualify as Material costs. The reserve mitigates financial risk associated with unpredictable infrastructure failures and reduces reliance on emergency appropriations or disruption of other approved capital projects. Water distribution system failures are inherently unpredictable and often require immediate response to protect public health, maintain service continuity, and limit secondary damage. Having a designated reserve ensures that capital funding is immediately available when such events occur.

FIFTEEN ROPE FERRY ROAD

WATERFORD, CT 06385-2886

WATERFORD UTILITY COMMISSION
PO BOX 310
WATERFORD, CT 06385

BILLING FOR: PENINSULAR ROAD BRIDGE WATER MAIN REPLACEMENT
50% PROJECT TOTAL

BILL DATE: NOVEMBER 25, 2014

DESIGN & PERMITTING PHASE

Lenard Engineering Inc. $ 9,600.00 - Acct # 33159 55300 - $4,800.00

BIDDING PHASE

Lenard Engineering Inc. $ 3,700.00 Acct # 33196-55300 - $1,850.00

CONSTRUCTION

B & W Paving & Landscaping LLC $192,800.00 Acct # 21131-57759 - $96,400.00

INSPECTION

WUC Employee E. Machinski
85 Regular Hours
2 Overtime Hours $ 3,081.25 – Acct 21131-51120 - 1,540.63

104,590.63

TOTAL PROJECT COST $209,181.25

50% PROJECT COST TO BE PAID BY NEW LONDON: $104,590.63

PLEASE REMIT PAYMENT TO:
Waterford Utility Commission
P. O. Box 310
Waterford, CT 06385

CITY OF NEW LONDON
Finance Department
181 STATE STREET
NEW LONDON CT 06320

REQUEST FOR PAYMENT

DEPARTMENT AND DIVISION BEING CHARGED:

PUBLIC UTILITIES/WATER

DATE PREPARED:

July 20, 2016

JUL 28 2016

VENDOR NAME: Town of Waterford – Waterford Utility Commission

ADDRESS: 15 Rope Ferry Road
Waterford, CT 06385

VENDOR #

PROJECT # GMBA

P.O. #

ACCOUNT # 421.6801.468.33.99

IF MULTIPLE ACCOUNTS, PLEASE CODE ON INDIVIDUAL INVOICES

BANK CODE

CERTIFICATION OF DEPARTMENT HEAD

I CERTIFY THAT ITEMS OR SERVICES WHICH REQUIRE THIS PAY MENT WERE RECEIVED, COUNTED AND EXAMINED BY ME OR BY THE AGENT WHOSE SIGNATURE IS ON THE ATTACHED DELIVERY SLIP OR INVOICE. I FURTHER CERTIFY THAT ANY ITEMS OR SERVICES ARE AS ORDERED, ARE IN GOOD CONDITION AND REPRESENT PROPER EXPENDITURES FOR THIS DEPARTMENT.

AUTHORIZED SIGNATURE

FINANCE DEPARTMENT USE ONLY

NUMBER OF INVOICES ATTACHED	TOTAL AMOUNT OF INVOICES	A/P REVIEW	CHECK DATE	CHECK #
1	$ 15,900.00			

DOES THIS COMPLETE THIS P.O.? I I YES I I NO

ADDITIONAL COMMENTS: *Total bill 37,000/2 = $18,500 our share then deduct $2,600.00 from the bill for Waterford to pay half of Veolia labor charges --- WATER BUDGET*

Please include the attached document with the check

FY 2016

TOTAL AMOUNT OF CHECK: $_____

Thank you

Recd 7/18/16

FIFTEEN ROPE FERRY ROAD

WATERFORD, CT 06385-2886

WATERFORD UTILITY COMMISSION
15 ROPE FERRY RD
WATERFORD, CT 06385

DATE: JUNE 30, 2016

CITY OF NEW LONDON
DEPARTMENT OF PUBLIC UTILITIES
120 BROAD STREET – FIRST FLOOR
NEW LONDON, CT 06320

ATTENTION: JOSEPH LANZAFAME

TO INVOICE FOR ONE-HALF OF THE TOTAL COST OF "URGENT RECONNECTION OF WATER MAIN ON FOG PLAIN ROAD TO BE PERFORMED PRIOR TO REPAVING OF FOG PLAIN. "

COPY OF WATERFORD UTILITY COMMISSION PURCHASE ORDER #900405 ALONG WITH COPY OF INVOICE FROM B&W PAVING & LANDSCAPING LLC IS ATTACHED

TOTAL COST OF PROJECT $37000.00

TOTAL THIS INVOICE FOR ½ OF TOTAL COST: $18,500.00

- 2,600.00

15,900.00 — pay this amt pls

Inv for Fog Plain Rd

FY 2016

VEOLIA WATER

INVOICE

Invoice #: 00058938

New London, CT, City of
120 Broad Street
New London CT 06320
United States

Please Mail Remittance To:
Veolia Water North America
c/o VWNA #23654
23654 Network Place
Chicago IL 60673
United States

Invoice #:	Invoice Date:	Payment Terms:	Project #:	Customer #:	Customer PO:
00058938	6/23/16	Net 60	C00000002020800	0000000283	

To provide labor support for the Fog Plain Road water main repair.

Qty	UOM	Description	Unit Price	Total
1.0000	EA	Labor Support	5,200.0000	5,200.00

Total Amount Due (USD): 5,200.00

EFT/ACH Instructions -
Bank Name: JP Morgan Chase
c/o: Veolia Water North America
Bank Address: 131 S. Dearborn - 6th Floor, Chicago, IL 60603
Account #: 727111544
ABA: 071000013
Swift Code: CHASUS33

5,200.00 ÷ 2 =
$2,600.00

Please mail this to Waterford with check

Please make checks payable to Veolia Water North America and return this portion along with your remittance.

New London, CT, City of
120 Broad Street
New London CT 06320
United States

Thank you.

Invoice: 00058938
Invoice Date: 2016-06-23
Invoice Amount: 5,200.00

Veolia Water North America
c/o VWNA #23654
23654 Network Place
Chicago IL 60673

Town of Waterford
15 Rope Ferry Road
Waterford, CT 06385

Change Order
P.O. # FY16 / 900405

Change #	2
Date	06/14/2016
Vendor	8791

Order From:
B & W PAVING & LANDSCAPING LLC
PO BOX 70
MYSTIC, CT 06355

B & W PAVING & LANDSCAPING LLC Fax: (860) 536-5833

Deliver To:
Hartford Road Complex
1000 Hartford Rd
Waterford, CT 06385-4032

Hartford Road Complex Tel. (860) 444-5864

F.O.B.	SHIP VIA	TERMS	CUSTOMER #	ORDERED FOR
Shipping Point		No Terms		Water Main Repair

ITEM #	DESCRIPTION	QTY.	UNIT	UNIT PRICE	EXTENDED PRICE
	Idisbursement line changed	1.00		$0.00	$0.00
1	Urgent Reconnection of Water Main on Fog Plain Road to be performed prior to repaving of Fog Plain. Cost of job to be split 50-50 by Waterford and New London.	1.00	EACH	$12,000.00	$12,000.00
CO 1	Change Order needed for connection and extension of service that was unanticipated.	1.00		$25,000.00	$25,000.00

Accounting Distributions

Account Number	Account Description	Amount	Freight	Total
33195-55301-300-060-31-00-95	WATER SYSTEM IMPROVEMENTS	0.00	0.00	0.00
33196-55300-300-060-31-00-96	WATER MAIN EXTENSIONS	37,000.00	0.00	37,000.00
	Total Distributions	$37,000.00	$0.00	$37,000.00

Messages:
PURCHASE ORDER NUMBER must appear on all related correspondence, shipping papers and invoices.
VENDORS: Please read terms and conditions under which this order is issued available on the web site www.waterfordct.org under Purchasing Documents.

SUBTOTAL	$37,000.00
DISCOUNT	$0.00
FREIGHT	$0.00
TOTAL	$37,000.00

Page 1 of 1

VENDOR

Authorized Signature:
Kate Rotella

Authorized Signature:

$18,500.00

New London Public Utilities

15 Masonic Street
New London, CT 06320

Phone: (860) 447-5221
Fax: (860) 701-7693
E-mail: jlanzafame@newlondonct.org

Statement Quinley Way Water Break

Statement #: 10/20/2025
Date: October 20, 2025
Customer ID: Town of Waterford

Bill To: Jill Stevens
Town Of Waterford
1000 Hartford Turnpike
Waterford, CT 06385

Date	Type	Description	Quantity	Unit Cost	Amount
10/20/2025		**Quinley Way Water Break**	**1**	**$110,721.20**	**$ 110,721.20**

Reminder:
Terms: Balance due in 30 days.

REMITTANCE

Customer Name:	Waterford Utilities
Customer ID:	Town of Waterford
Statement #:	10/20/2025
Date:	October 20, 2025
Amount Due:	$110,721.20
Amount Enclosed:	

Please mail check to the following:

City of New London - W&WPCA
Attn: Joseph Lanzafame
15 Masonic Street
New London, CT 06320

Site 11768
NON-PO

BLUE LINE
TRAFFIC SERVICE, LLC

Invoice

Blue Line Traffic Service
Taking care of what really matters

Date: July 27, 2025
Invoice #: 480
Customer ID: Veolia

To:
Veolia - Site 11768
100 Trumbull Road
New London, CT 06320
attn: Keith Browne (860)389-8977

Full payment due at receipt of services. A finance charge of 1.5% will be charged monthly or 18% annually to outstanding balances. In the event of non-payment, the cost of collection including attorney fees will be added to unpaid balances. Governed by CT State Laws.

Date	Location	Staff	Hours	Slip	Rate	Line Total
7/19/2025	Connshire/Quinley Emergency Repair	Burdick	9	3225	$ 97.50	$877.50
7/19/2025	Connshire/Quinley Emergency Repair	Reichard	9	3224	$ 97.50	$877.50
7/19/2025	Connshire/Quinley Emergency Repair	Mennino	6	2855	$ 97.50	$585.00
7/19/2025	Connshire/Quinley Emergency Repair	Gouveia	6	3293	$ 97.50	$585.00
7/20/2025	Connshire/Quinley Emergency Repair	Mennino	10	2856	$ 97.50	$975.00
7/20/2025	Connshire/Quinley Emergency Repair	Gouveia	10	3314	$ 97.50	$975.00
7/21/2025	Connshire/Quinley Emergency Repair	Nott	8	4821	$ 97.50	$780.00
7/21/2025	Connshire/Quinley	Reichard	8	3226	$ 65.00	$520.00
7/21/2025	Connshire/Quinley	Kenney	8	1904	$ 65.00	$520.00
7/22/2025	Connshire/Quinley	Bunkley	9	3547	$ 65.00	$585.00
7/22/2025	Connshire/Quinley	Mennino	9	2858	$ 65.00	$585.00
7/19/2025	Advanced warning signs & cones		1		$150.00	$150.00
7/20/2025	Advanced warning signs & cones		1		$150.00	$150.00
7/21/2025	Advanced warning signs & cones		1		$150.00	$150.00

Subtotal	**$8,315.00**
TAX EXEMPT	
Total	**$8,315.00**

Make all checks payable to Blue Line Traffic
Electronic Payment Account: 385030562330 Routing Number: 011900254
Thank you for your business!
35 Guthrie Pl, New London, CT 06320. 860-910-2710. Alison@bluelinetraffic.com

S/E 7/29

J
8/4
DS

PETER S TURELLO LLC

P.O. Box 1270
New London, CT 06320

TRUSTED NAME FOR OVER 100 YEARS

Office: 860-443-6475
E-Mail: accounting@turello.com
Web: www.turello.com

BILL TO:

Veolia Water
Accounts Payable
100 Trumbull Street
New London, CT 06320

Site 11768
AON - PO

Invoice

Date:	8/5/2025
Invoice #:	25550

P.O. No.	Terms
Site ID: 11768	Net 30

Description	Qty	Unit	Rate	Amount
For the completion of emergency services to reconstruct approximately 600; x 15' of roadway from water main break from Latimer Ct to Connshire Dr on Quinley Way, Waterford, CT.				
7/21/25 - Mobilization, CBYD, Layout				
Labor	1	ls	1,158.00	1,158.00
Equipment	1	ls	6,238.00	6,238.00
Trucking	1	ls	960.00	960.00
Materials (Diamond Blade, 1,200 lf sawcutting)	1	ls	807.00	807.00
7/22/25 - Sawcutting, Mobilization, Excavation, Compaction				
Latimer Ct intersection				
Labor	1	ls	2,427.00	2,427.00
Equipment	1	ls	3,843.00	3,843.00
Trucking	1	ls	960.00	960.00
Water Truck	1	ls	600.00	600.00
Materials (including dumping fees)	1	ls	1,314.00	1,314.00
7/25/25 - Excavate, Install Base, Compact				
Quinley Way, Latimer to Connshire				
Labor	1	ls	2,296.00	2,296.00
Equipment	1	ls	496.00	496.00
Trucking	1	ls	1,920.00	1,920.00

Subtotal	
Sales Tax (6.35%)	
Total	
Payments/Credits	
Balance Due	

Peter S. Turello, LLC is an Equal Opportunity Employer/Affirmative Action Employer

1 of 3

8/8

WTR PT

ER S TURELLO LLC
P.O. Box 1270
New London, CT 06320

TRUSTED NAME FOR OVER 100 YEARS

Office: 860-443-6475
E-Mail: accounting@turello.com
Web: www.turello.com

BILL TO:

Veolia Water
Accounts Payable
100 Trumbull Street
New London, CT 06320

Invoice

Date:	8/5/2025
Invoice #:	25550

P.O. No.	Terms
Site ID: 11768	Net 30

Description	Qty	Unit	Rate	Amount
Materials (including dumping fees)	1	ls	3,492.00	3,492.00
7/28/25 - Quinley Way & Connshire Dr Intersection				
Labor	1	ls	1,475.00	1,475.00
Equipment	1	ls	310.00	310.00
Trucking	1	ls	1,200.00	1,200.00
Materials (including dumping fees)	1	ls	732.00	732.00
7/29/25 - Quinley Way & Laitmer to Driveway				
Excavate, grade, remove curb, inspect catch basins (no damage to catch basins)				
Labor	1	ls	2,936.00	2,936.00
Equipment	1	ls	15,732.00	15,732.00
Trucking	1	ls	1,920.00	1,920.00
Materials (including dumping fees)	1	ls	1,200.00	1,200.00
7/30/25 - Excavate and grade Connshire Dr & Latimer Intersections, Binder Latimer to Connshire Dr				
Demobilize excavating equipment				
Labor	1	ls	3,303.00	3,303.00
Equipment (including water truck)	1	ls	1,981.00	1,981.00
Trucking	1	ls	3,840.00	3,840.00
Materials (including dumping fees)	1	ls	13,806.71	13,806.71

Subtotal	
Sales Tax (6.35%)	
Total	
Payments/Credits	
Balance Due	

Peter S. Turello, LLC is an Equal Opportunity Employer/Affirmative Action Employer

2 of 3

ER S TURELLO LLC

P.O. Box 1270
New London, CT 06320

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100 Trumbull Street
New London, CT 06320

Invoice

Date:	8/5/2025
Invoice #:	25550

P.O. No.	Terms
Site ID: 11768	Net 30

Description	Qty	Unit	Rate	Amount
7/31/25 - Latimer to Connshire Dr top course,				
Demobilize paving equipment				
Labor	1	ls	2,972.00	2,972.00
Equipment (including water truck)	1	ls	1,096.00	1,096.00
Trucking	1	ls	3,840.00	3,840.00
Materials	1	ls	12,778.59	12,778.59
8/1/25 - Curb, Loam/Seed, Demobilize				
Labor	1	ls	2,936.00	2,936.00
Equipment	1	ls	496.00	496.00
Trucking	1	ls	1,680.00	1,680.00
Materials	1	ls	770.90	770.90
Crackfilling	1	ls	890.00	890.00

A FINANCE CHARGE of 1.5% will be applied to the portion of the previous balance outstanding for more than 30 days. This is an annual percentage rate of 18.0%. COSTS OF COLLECTION INCLUDING ATTORNEY'S FEES WILL BE ADDED TO ACCOUNTS REFERRED FOR COLLECTION.

Subtotal	$102,406.20
Sales Tax (6.35%)	$0.00
Total	$102,406.20
Payments/Credits	$0.00
Balance Due	$102,406.20

Peter S. Turello, LLC is an Equal Opportunity Employer/Affirmative Action Employer

3 of 7

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Plastic Water Service Replacement Project	**DEPARTMENT PRIORITY** 4

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

This project began in the spring of 2023 with a goal to replace all of the plastic water services (PWS) prior to DPW paving the roads. There are approximately 7900 water services in Town, many of which are plastic and have exceeded their useful life resulting in unaccounted for water loss and degradation to the Town roads. Within the DPW FY27 list of roads scheduled to be paved there are over 130 water services that require evaluation, once determined which services are plastic the Utility Commission will replace them with a copper service line. A majority of this work is being conducted by Utility Commission staff.

2 PROJECT STATUS IF IN PROGRESS

To date over 1150 services lines have been investigated to determine material type. Of those 679 service lines were vac excavated to confirm material type, and 247 existing plastic water services have been replaced totaling 5,579 LF of plastic water service line replaced with copper.

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

DPW Roads Paving Project

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

An average cost to replace these lines is $4,100 depending upon length and location.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital	500,000					
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	931,000	200,000	200,000	200,000	200,000	200,000
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**1,431,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**



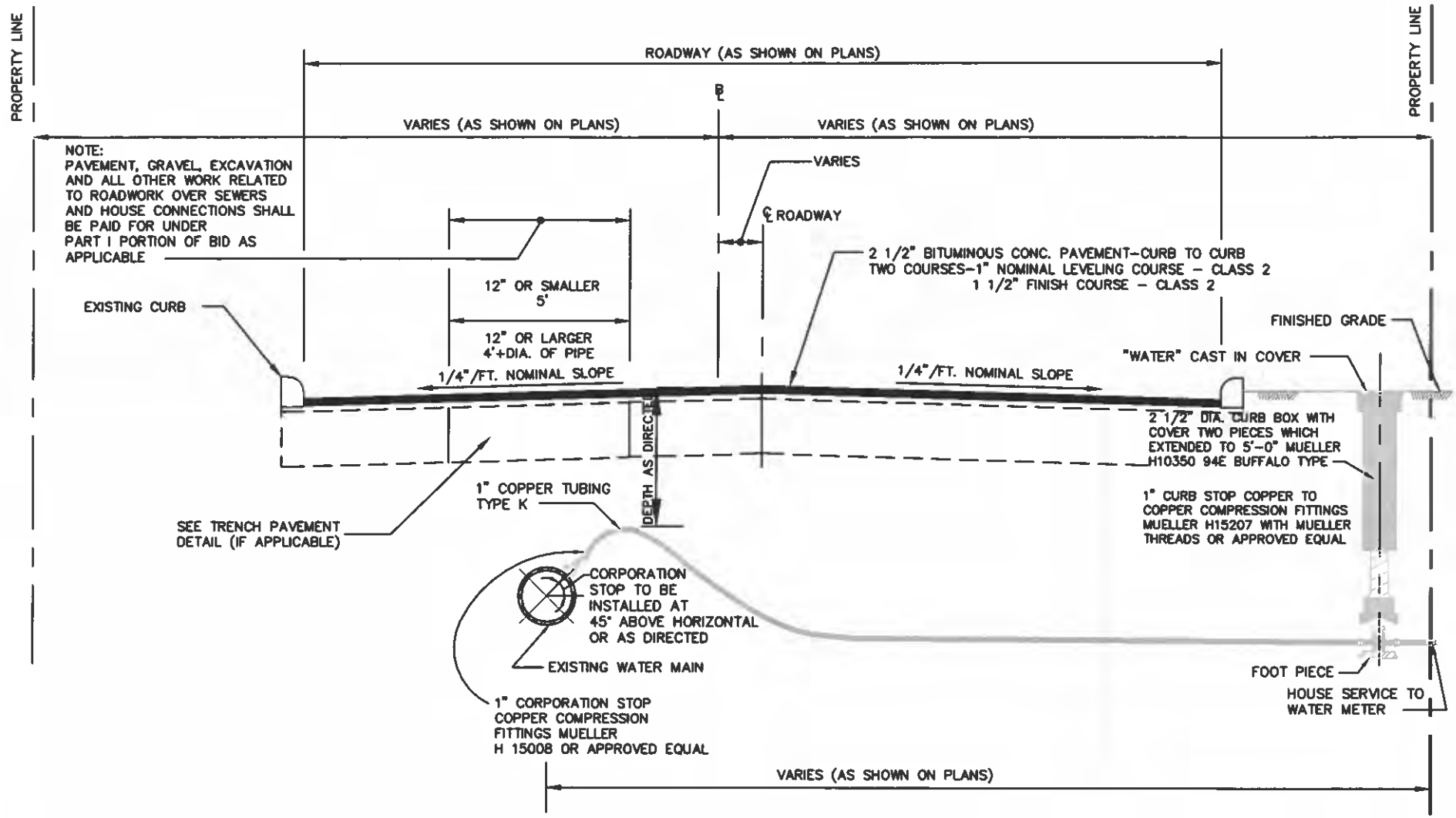
WATERFORD UTILITY COMMISSION

Examples of newly laid copper services









WATER SERVICE CONNECTION DETAIL IN TYPICAL ROADWAY CROSS SECTION

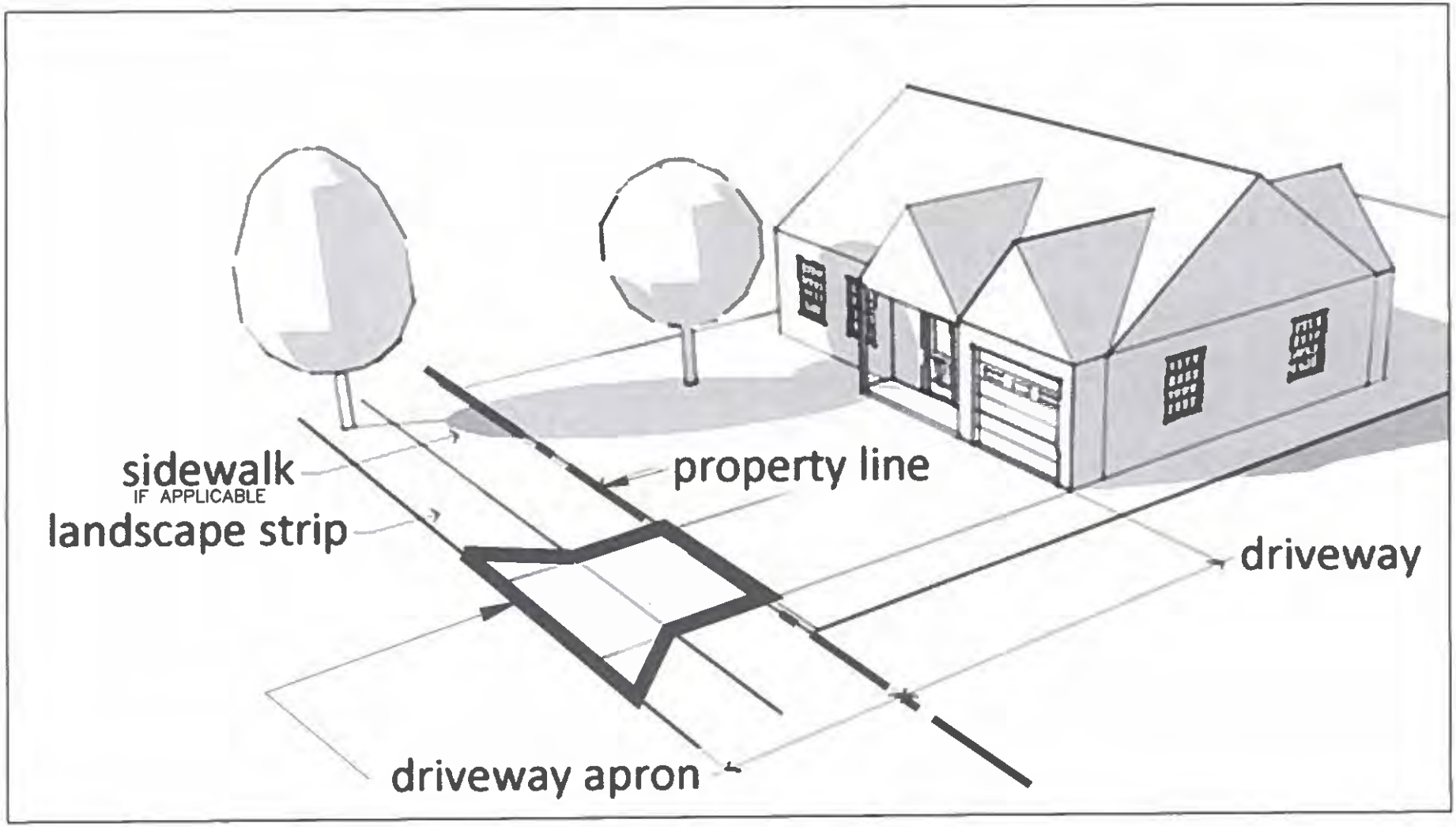
NOT TO SCALE

WATERFORD UTILITY COMMISSION

TOWN OF WATERFORD, CT

DETAIL:

DATE:
MAR 2023



TYPICAL DRIVEWAY APRON SCHEMATIC

NOT TO SCALE

WATERFORD UTILITY COMMISSION TOWN OF WATERFORD, CT		DETAIL: DATE: JUN 2023

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Cross-Country Sewer Main Access	**DEPARTMENT PRIORITY** 5

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The goal of this project is to obtain readily available access to all cross-country sewer mains. Accessibility is crucial in order to conduct a full assessment evaluation and to provide timely access to conduct immediate or corrective repairs to the sewer main or structures. The goal of this project is to recreate the original easement access area or create alternate access points to all areas that are not within paved roadway areas. Funds were granted for the Contract #1 easement area in 2023, this request is to continue the access program to the remaining cross country easement areas.
2	**PROJECT STATUS IF IN PROGRESS**
	Construction on Contract 1 access began on December 10, 2025 and is anticipated to take 5 months.
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	Accessibility will allow pipeline evaluation crew to conduct our sewer system evaluation survey and create the ability to access the pipeline and manholes in the event of an emergency
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	Minimal impact on operational budget, however, accessibility will allow staff to conduct routine and emergency repairs in a timely manner, in lieu of creating access on a emergency basis which will be far more costly and greatly reduce the potential of adverse environmental impact.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	See back up material

7	COST/FUNDING SOURCE						
	FUNDING SOURCE	**APPROVED FUNDING TO DATE**	**FY2027**	**FY2028**	**FY2029**	**FY2030**	**FY2031**
1	Current Year Capital	250,000	200,000	200,000	200,000	200,000	200,000
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR	200,000					
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**450,000**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**

Cross Country Sewer Main Access Project

Sewer mains collect wastewater from our Town's parcels and convey this wastewater to downstream pumping stations via a vast network of piping and pumping stations to a point terminating at the Main pumping station, which then conveys the wastewater to the regional treatment facility in New London. Of the Town's 150 miles of sewer piping, approximately 15.6 miles lie within cross-country easement areas, which are outside of roadways. Many of these sewer mains traverse through heavily wooded cross-country easement areas, which are becoming more challenging to access. Accessibility is crucial in order to conduct a full assessment evaluation and to provide timely access to conduct immediate or corrective repairs to the sewer main or structures. The goal of this project is to recreate the original easement access area or create alternate access points.

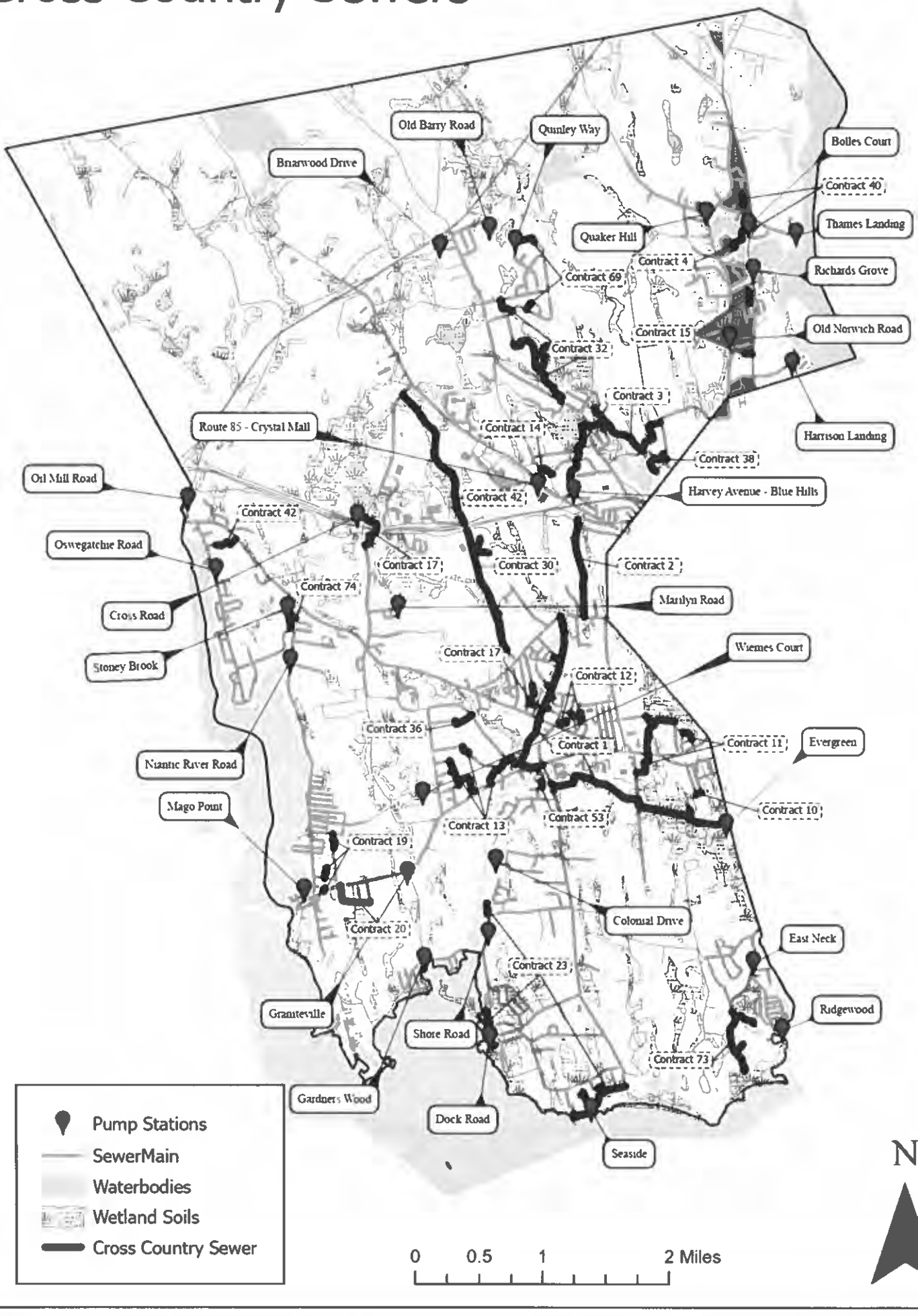
Contract #1 was the Town's very first sewer construction project, which began in 1970. This project entailed the installation of approximately 13,000 linier feet of sewer main. A Special Appropriation in the amount of $250,000 for engineering services was appropriated for the Contract #1 Sewer Main Access project in 2023. Survey work to identify the Contract #1 easement area, manholes, intersecting property lines, and other utilities within the easement area commenced in October of 2023 and was completed in the spring of 2024. Final design package acceptance for contractor bid solicitation and construction for Phase One of the restoration project was granted by the Utility Commission at the November 2024 meeting. Bids were solicited in August of 2025 and the contract was awarded to Advance Resources, LLC in October of 2025; construction on Phase One began on December 10, 2025 and is anticipated to take 5 months.

Phase one encompasses the southern section of the interceptor beginning at the intersection of Great Neck Road and Rope Ferry Road to the end of the interceptor at Evergreen Avenue Pump Station. Phase two which encompasses the northern section of the interceptor from Boston Post Road to Great Neck Road requires the acquisition of additional easements to gain access to the interceptor during restoration and for the Utility Commission staff in the future. Splitting the project into two Phases allows restoration work to begin while easements are procured, so that once Phase one is complete easements will be in place and Phase two can begin shortly thereafter.

Many of the Town's easement area will require surveys to delineate boundaries, identify wetland soils and engineering services to design access travel surfaces based upon the survey findings. It has been the intent of the Utility Commission to establish a multi-year request necessary to fund the survey, engineering and reconstruction of each of the Town's cross-country sewer main easement areas.

Upon completion of the Contract #1 restoration, our goal is to continue to other major cross-country easement areas, Contract # 2 and 3, which possess many of the same land characteristics as Contract #1. A map depicting all of our cross-country areas is attached.

Cross Country Sewers



FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

July 24, 2023

Mr. James Bartelli - Director
Waterford Utility Commission
1000 Hartford Turnpike
Waterford, CT 06385

RE: Notice of Approval: Inland Wetland Permit #C-23-03

Dear Mr. Bartelli,

At a meeting held on July 13, 2023 the Waterford Conservation Commission approved with conditions the above referenced permit for vegetation clearing, temporary machinery access, inspection and maintenance activities within inland wetlands along municipal sewer utility easements, Waterford, CT.

Attached is the signed permit for your records.

If you have any questions, please feel free to call me at 860-444-5826.

Sincerely,

Maureen FitzGerald
Environmental Planner

attachment

cc: Jill Stevens, Assistant Director (digital copy)

FIFTEEN ROPE FERRY ROAD
WATERFORD, CT 06385-2886

PHONE: 860-442-0553
www.waterfordct.org

WATERFORD CONSERVATION COMMISSION
INLAND WETLANDS & WATERCOURSES PERMIT #23-03
Vegetation Clearing, Inspection & Maintenance
of Municipal Sewer Utilities within Easements
Issued to the Waterford Utility Commission

The Waterford Conservation Commission, in their capacity as the Town's Inland Wetland Agency, hereby authorizes the Waterford Utility Commission to conduct regulated activities in designated wetland areas of existing sewer utility easements subject to jurisdiction in accordance with CT General Statutes, Section 22a-36 through 22a-45, inclusive, as amended, and the Waterford Inland Wetlands and Watercourses regulations.

Regulated activities authorized include:

1. Cutting of vegetation in wetlands and adjacent upland areas within sewer easement areas to clear a 20 foot wide vehicle access for purposes of inspection and maintenance of the existing municipal sewer. Vegetation to be cut by machine-mounted mowers or manually where flooded conditions do not allow machinery access.

2. Temporary machinery access through and over inland wetlands and watercourses within municipal sewer easement areas to access sewer manholes for inspection and repair.

3. Placement of temporary crossings including temporary plates, timbers, slash, corduroy or mats to minimize disturbance to inland wetlands and watercourses.

4. Minor repair of sewer manholes and utility lines to prevent infiltration of ground and surface water and correct system failures detected during the inspection. Minor repair work includes excavation of soils, installation of temporary erosion and sediment controls and de-watering basins, temporary discharge of sediment-free de-watering waters, and restoration of wetland substrate conditions.

These regulated activities are associated with maintenance practices and repairs for the Town of Waterford municipal sewer system as described in the application dated June 20, 2023. The Conservation Commission attaches the following conditions to minimize impacts to inland wetlands and watercourses associated with the proposed inspection and maintenance activities:

SPECIAL CONDITIONS:

1) All maintenance and repair activities conducted under this authorization shall be reported no later than 7 days prior to the planned initiation of the activity to the Conservation Commission's agent for a determination of consistency with the terms of this permit. Limits of disturbance shall be identified and marked in the field. Erosion and sediment control and de-watering measures, and measures to restore wetland soils, grades and

wetland vegetation shall be identified prior to the start of work in any wetland or watercourse resource.

2) Regulated activities identified to be outside the scope of this authorization will require submission of an individual permit application to the Conservation Commission for approval. The permanent obstruction, diversion or alteration of wetlands and watercourse resources is not herein authorized.

3) In areas of flooded or saturated soil conditions, the use of machinery shall be restricted and vegetation removal conducted manually to protect wetland and surface flow patterns. Where temporary disturbance from machinery access occurs in wetlands or watercourses, the wetland substrate and surface flows are to be restored to pre-existing conditions upon completion of the maintenance activity.

4) The crossing of wetlands and watercourses with machinery shall be temporary and accomplished with minimal disturbance to wetlands and streambed substrates. Use of best management practices for temporary stream crossings, wetland protection and erosion control shall be incorporated into the inspection and maintenance program. These practices shall comply with the State of Connecticut Forest Practices Regulations.

5) Upon completion of machinery access and required repairs to the utility, all temporary wetland and watercourse crossing devices shall be removed, and the wetland and watercourse substrate and surface flows shall be restored to pre-existing grades. The permanent obstruction, diversion or alteration of wetlands and watercourse resources is not herein authorized.

6) A representative of the Utility Commission shall schedule a site inspection with the Commission's agent following completion of the maintenance activity within each sewer easement area to review wetlands and watercourses traversed by the inspection activity. Where required and as directed by the Commission's agent, corrective measures to restore grade, stabilize exposed soils and control potential erosion shall be immediately implemented.

7) The Waterford Utility Commission shall be responsible for ensuring the terms and provisions of this permit are adhered to, including the implementation of pollution prevention and best management practices, installation of erosion and sediment controls and restoration of temporary disturbance areas.

All work and all regulated activities conducted pursuant to this authorization shall be consistent with the terms and conditions of this permit. Any structures, excavation, fill, obstructions, encroachments or regulated activities not specifically identified and authorized herein shall constitute a violation of this permit and may result in permit modification, suspension or revocation.

In the event that any additional wetland or watercourse regulated activities are required as a result of other agency permitting to support the proposed activity, the Waterford Conservation Commission reserves the right to reconsider the proposed regulated activity and may require modifications to minimize the impact to wetland resources.

In evaluating this application, the Commission has relied on information provided by the applicant. If such information subsequently proves to be false, incomplete and/or inaccurate, this permit shall be modified, suspended or revoked.

This permit shall be valid for a period of 5 years. Permit extensions may be authorized in accordance with CT General Statutes § 22a-36 through 22a-45 inclusive. If the regulated activity is not completed within this time frame, the permit may be held to be invalid by the Conservation Commission and the applicant may be required to petition the Commission for an extension or re-issuance of the permit. The Commission may require the applicant to furnish additional information at that time.

The Conservation Commission renders this Summary Ruling in accordance with the Waterford Inland Wetlands and Watercourses Regulations based on the following considerations:

A. The proposed activity is necessary for maintenance and inspection of the public sewer utility lines and protection of surface and groundwater quality.

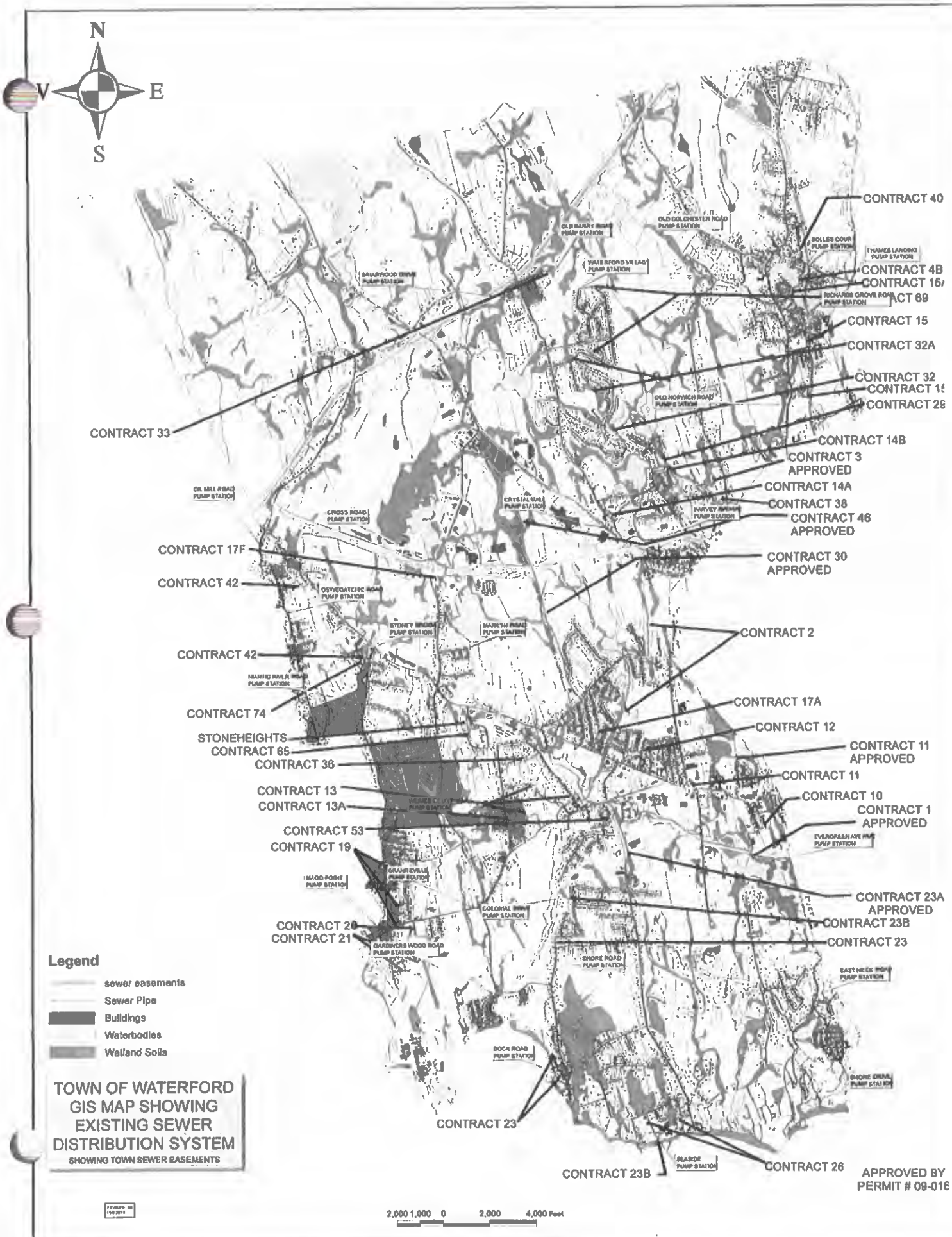
B. The proposed method of vegetation removal and machinery access does not pose long-term adverse impacts to the wetlands and watercourses within or adjacent to the sewer easement. Temporary disturbance to wetland substrates will be restored to grade

C. Strict adherence to the terms and conditions imposed with this permit will protect the quality of wetlands and surface waters on this property.

This permit will be strictly enforced. If the Conservation Commission finds that the applicant has not complied with the permit conditions or has exceeded the scope of this permit as set forth herein, or, if the intended use of the general site is not as represented by the application or the plan of record, the Commission may suspend or revoke this permit, direct the Environmental Officer to issue a cease and desist order, require the applicant to modify, extend or revise the site work, or require the applicant to restore the area to its original condition.

Dated: July 13, 2023

Issued By: _____
Chairman, Richard Muckle
Waterford Conservation Commission


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CONTRACT 40
CONTRACT 4B
CONTRACT 15
CONTRACT 69
CONTRACT 15
CONTRACT 32A
CONTRACT 32
CONTRACT 26
CONTRACT 33
CONTRACT 14B
CONTRACT 3
APPROVED
CONTRACT 14A
CONTRACT 38
CONTRACT 46
APPROVED
CONTRACT 17F
CONTRACT 30
APPROVED
CONTRACT 42
CONTRACT 2
CONTRACT 42
CONTRACT 74
CONTRACT 17A
CONTRACT 12
STONEHEIGHTS
CONTRACT 65
CONTRACT 11
APPROVED
CONTRACT 36
CONTRACT 11
CONTRACT 13
CONTRACT 10
CONTRACT 13A
CONTRACT 1
APPROVED
CONTRACT 53
CONTRACT 19
CONTRACT 23A
APPROVED
CONTRACT 23B
CONTRACT 20
CONTRACT 21
CONTRACT 23
CONTRACT 23
CONTRACT 23B
CONTRACT 26
APPROVED BY
PERMIT # 09-016
Legend
sewer easements
Sewer Pipe
Buildings
Waterbodies
Wetland Soils
TOWN OF WATERFORD
GIS MAP SHOWING
EXISTING SEWER
DISTRIBUTION SYSTEM
SHOWING TOWN SEWER EASEMENTS
2,000 1,000 0 2,000 4,000 Feet

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Vauxhall Street Water Tank Rehab & Management	**DEPARTMENT PRIORITY** 6

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	The Vauxhall Street Water tank, a 300,000 gallon elevated spheroid tank was put into service in 1973 and rehabilitated in 2003, it serves the high service area in Waterford together with the Fargo Road Tank. A recent condition assessment performed by USG Water identified several areas of concern related to the tank coating and structural condition, including a pinhole leak in the fill pipe. Just as the Fargo Road Tank required refurbishment to preserve the Town's significant investment in its infrastructure, the Vauxhall Tank refurbishment cost can be spread out over the next three fiscal years. This plan enables the tank to be refurbished and enrolled in the Water Tank Asset Management program to protect its investments in FY27.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	None. The tank is operated by the City of New London under the current Inter-local water agreement.
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	State Revolving Funds may be available depending upon the project's ranking status
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	A cost estimate and condition assessment are attached.

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital		290,847	290,847	290,847	29,806	30,892
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR						
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**290,847**	**290,847**	**290,847**	**29,806**	**30,892**

WATERFORD CT

WATER STORAGE TANK ASSET MANAGEMENT PROGRAM BY USG WATER SOLUTIONS

12/3/2025

USG WATER
SOLUTIONS

VAUXHALL TANK NEEDS A LONG TERM SOLUTION







PAST MUNICIPAL APPROACH

- REACTIVE AND **NOT** PROACTIVE
- SPORADIC INSPECTIONS
- OPERATION TO FAILURE ON COATINGS
- INCONSISTENT BUDGET FOR TANKS
- LACK OF MAINTENANCE, REPAIR, CLEANINGS
- RELIANCE ON CONSULTING ENGINEER FOR RECOMMENDATIONS
- RISK PLACED FULLY ON CITY



USG WATER SOLUTIONS

EXECUTIVE SUMMARY

Our Tank Asset Maintenance Program is a **long term** agreement that provides significant value advantages over traditional tank maintenance methods – or costly replacement

What we perform

Renovation & Maintenance

All future renovations and required maintenance are included.

Annual Condition Assessment

Annual inspection and engineering services related to the tank are included.

Emergency repairs

Emergency repair and services are included

Your benefits

TRANSFERS maintenance risk to USG Water Solutions

Everything is covered that is considered tank appurtenance

PROVIDES predictable budget

and cost certainty with **consistent annual fees** eliminating unplanned expenditures

EXTENDS the life of your tank assets

Potentially indefinitely

KEEPS your water tank compliant

with applicable safety and sanitary regulations

And get it with the Industry Leader in SAFETY

USG WATER SOLUTIONS









Who's Utilizing USG Tank Asset Management?

Over 85 Tanks in New England

- Southington CT
- Lakeridge CT
- Connecticut Water Company, CT
- Charlotte Hungerford Hospital, CT
- **Quonset RI**
- **Westerly RI**
- Dartmouth MA
- New Bedford MA
- Fairhaven MA
- Foxborough MA
- Millis MA
- Canton MA
- Kingston MA
- [illegible]
- Champlain Water District VT
- Burlington VT

Vauxhall Tank 25 Year Financial Comparison

	Without Maintenance Program		With USG Water Cost Spread + Maintenance Program	
2026	IFB Rehab = $816,000 Total interest on 20Yr bond @4.5% = $422,981 Engineer Fees @ 20%= $163,200 Total for rehab only via IFB: $1,402,181		$290,847 - Tank Rehab	3 Year Spread on Tank Rehab & Maintenance Program costs
2027			$290,847	
2028			$290,847	
2029			$29,806	
2030			$30,862	
2031			$31,954	
2032			$33,085	
2033	Repairs?	$$$??	$34,257	Our Maintenance Program Includes: Repairs, Inspections, Washouts, Cleanings, Touchups, and Future Renovations
2034	Inspections?	$$$??	$35,469	
2035	Tank Washouts?	$$$??	$36,725	
2036	Exterior Cleaning?	$$$??	$38,050- Exterior Coatings Renovation	
2037	Coatings Touchups?	$$$??	$39,381	
2038			$40,764	
2039			$42,197	
2040			$43,683	
2041			$45,222	
2042			$46,814	
2043			$48,463	
2044			$50,168	
2045			$51,933	
2046			$53,760 – Exterior & Interior Coatings Renovation	
2047	Failure Rehab est. for 2047= $1,787,956 Bonds? Engineer Fees?		$55,657	
2048			$57,625	
2049			$59,671	
2050			$61,799	
Total$	$3,190,137		$1,840,846	

Results

- USG Water Solutions can renovate and maintain Vauxhall Tank for much less than the cost of run to failure or replacement.
- In 25 years, our program is estimated to save Waterford over $1.3 Million Dollars through proactive care and maintenance of the Vauxhall Tank.
- We offer the ability to spread renovation payments over three years.
- Improved water quality, safety, and extended life of assets.
- A transparent, budgetable fee to maintain your tank – no more surprises.
- Annually renewing contract that can be cancelled at any time.

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Rt 85 Wastewater Pump Station Power Conversion	**DEPARTMENT PRIORITY** 7

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

This station's electric power and stand by power is provided by the Crystal Mall, which has recently been purchased by Electric Boat. It is the intent of the Commission to be responsible for the commercial and standby power to this pumping station in order to assure reliable service from the electrical components and provide proper maintenance of the emergency standby power source.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

The Wastewater Enterprise Fund would be impacted by acquiring the electricity charges and maintenance of a new generator

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

A previous costs evaluation is attached. The estimated costs represented was derived from utilizing the Construction Costs Index

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR		526,750	526,750			
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**526,750**	**526,750**	**0**	**0**	**0**



Route 85 Wastewater Pump Station



Route 85 Wastewater Pumping Station Manway



Route 85 Wastewater Pump Station power supply cabinet from Crystal Mall to the Station

Wright-Pierce **MEMORANDUM**

TO:	Neftali Soto, P.E., Jim Bartelli Waterford Utility Commission	**DATE:**	November 12, 2007
FROM:	Chris Pierce	**PROJECT No.:**	10232Q
SUBJECT:	Crystal Mall Pump Station Improvements		

At the request of the Waterford Utility Commission, Wright-Pierce developed a preliminary project cost for improvements to the Crystal Mall Pump Station. Based on information provided by WUC staff, a proposed mall to be constructed along Route 85 would like to discharge to the Crystal Mall pump station. While the existing pump station has sufficient pumping capacity to handle the additional flow, another of other pump station operation and maintenance issues have been identified. These issues will be aggrevated by the additional flows from the proposed mall. The issues identified by the WUC staff include:

- The existing station receives normal power from the Crystal Mall. No separate service or meter is provided at the pump station.
- The existing station receives emergency power from the Crystal Mall. The emergency generator is owned, operated and maintained by the Crystal Mall.
- The station has problems with grease accumulation in the wetwell. The connection of an additional retail facility with restaurants will likely increase the amount grease discharged to the station.
- The rags and debris that enter the wetwell pass through a manually-cleaned strainer basket. The strainer basket fills with debris quickly and then any additional debris overflows into the wetwell contributing to pump clogging problems. The debris seen is typical for a retail establishment pump station. The addition of more retail flows are expected to increase the amount of debris that reaches the pump station.

Wright-Pierce conducted a site visit to the station on October 22, 2007. A copy of the site visit summary memorandum is attached. Electrical one-line diagrams and a site plan were obtained. However, drawings of the pump station itself are not available at this time. Based on the available information and our site visit, Wright-Pierce has developed a preliminary cost estimate to design and construct improvements to the Crystal Mall Pump Station.

Alternatives

As described in the attached Electrical Evaluation Memorandum, two alternatives were considered for the Crystal Mall Pump Station. The scope of the improvements for each alternative is presented below. Additional information on the two alternatives is provided in the attached electrical evaluation.

Alternative No. 1

The following improvements are recommended as Alternative No. 1:

- New 277/480 volt 3 phase, 4 wire underground electrical service extension from possible SNET pole #163 on Route 85.
- New above grade electrical service equipment pedestal enclosure with the following new electrical equipment:
  - Kilowatt hour meter and meter socket.
  - Main circuit breaker and 277/480 volt, 3 phase, power distribution panel.
  - Automatic transfer switch.
  - Generator circuit breaker.
  - Manual transfer switch and receptacle for portable generator.
  - Small dry-type transformer and lighting panel with lights and receptacle connections.
  - Motor starters and controls for the in-line grinder and wetwell mixer.
  - Outdoor emergency generator with weatherprotective enclosure and integral fuel tank.
- New submersible mixer located on a slide rail system in the existing wetwell including a new above-grade OEM control panel provided by the mixer manufacturer.
- New inlet channel-mounted sewage grinder located in a new manhole on the inlet pipe to the wetwell. At this time, no drawings are available. It was assumed that a new 4'-0" diameter pre-cast concrete manhole would be installed on the existing pipe and that a channel-mounted sewage grinder with submersible motors and OEM control panel would be installed. The control panel would be provided by the manufacturer and installed above grade.

Alternative No. 2

- Same electrical equipment upgrades as for Alternative No. 1.
- Under this alternative the existing pump control panel, currently located in the below grade pump station, would be replaced in its entirety. The new control panel would be located above grade and would include VFD's for the pumps. These VFD's would be located outside of the pump control panel. A small slab on grade building would be provided for housing all electrical equipment including the incoming service equipment. This would be in lieu of the above grade electrical service equipment pedestal recommended in Alternative No. 1. The construction of the building could range from stick built to pre-cast concrete. This would house the following:
  - All incoming electrical service equipment as previously mentioned in Alternative No. 1 that would be normally housed within the electrical service equipment pedestal enclosure.

  - New PLC based control panel and VFD's.
  - New wet well level monitoring system equipment which would include submersible level transducer and back-up float switch control system.
  - Miscellaneous station equipment.
  - The emergency generator would still be provided as an outdoor unit in a weather-protective enclosure as previously recommended for Option 1.
- New submersible mixer located on a slide rail system in the existing wetwell including a new above-grade OEM control panel provided by the mixer manufacturer.
- New inlet channel-mounted sewage grinder located in a new manhole on the inlet pipe to the wetwell. At this time, no drawings are available. It was assumed that a new 4'-0" diameter pre-cast concrete manhole would be installed on the existing pipe and that a channel-mounted sewage grinder with submersible motors and OEM control panel would be installed. The control panel would be provided by the manufacturer and installed above grade.

Conceptual Design Costs

Planning-level project costs have been prepared for the recommended facilities and are presented in the attached tables for the two different alternatives. These planning-level costs were developed using standard cost estimating procedures consistent with industry standards utilizing concept layouts, unit cost information, and information from other recent projects, as necessary. Total project capital costs include an allowance of 48% of the estimated construction costs to account for unaccounted for items, inflation to the mid-point of construction, construction contingency (change orders), design and construction engineering services, materials testing, permitting, as well as financing, administrative and legal expenses. The project cost information presented herein is in current dollars and is based on ENR Index 8092 (November 2007). The total project capital cost is estimated to be $432,000 for Alternative No. 1 and $602,000 for Alternative No. 2.

It should be noted that many factors arise during final design (e.g. foundation conditions, owner selected features and amenities, code issues, etc.) that can not be definitively identified and estimated at this time. These factors are typically covered by the 40% allowance described above; however, this allowance may not be adequate for all circumstances.

ALTERNATIVE NO. 1

PRELIMINARY ASSESSMENT OF PROJECT COSTS

TOWN OF WATERFORD, CT
CRYSTAL MALL PUMP STATION IMPROVEMENTS - OPTION 1
W-P PROJECT NO. 10232Q
CONCEPTUAL DESIGN PHASE
NOVEMBER 2007 (ENR INDEX 8092)
PROJECT COST ESTIMATE

PROJECT COMPONENT		COST
CONSTRUCTION		$360,000
CONSTRUCTION CONTINGENCY	5.0%	$20,000
TECHNICAL SERVICES	15.0%	$50,000
MATERIALS TESTING		$1,500
ASBESTOS & LEAD PAINT ABATEMENT		$0
DIRECT EQUIPMENT PURCHASE		$0
LAND ACQUISITION/ EASEMENTS		$0
LEGAL/ ADMINISTRATIVE		$0
FINANCING	2.0%	$0
ENGINEER'S ESTIMATE OF PROJECT COST		$432,000

TOWN OF WATERFORD, CT
CRYSTAL MALL PUMP STATION IMPROVEMENTS - OPTION 1
W-P PROJECT NO. 10232Q
CONCEPTUAL DESIGN PHASE
NOVEMBER 2007 (ENR INDEX 8092)
CONSTRUCTION COST ESTIMATE

DESCRIPTION		ESTIMATED COST
CIVIL		
SITE WORK (Grinder Manhole Installation / Electrical)		$5,000
SITE PIPING		$0
ARCHITECTURAL		
PRE-CAST CONCRETE BUILDING		$0
PROCESS EQUIPMENT AND PIPING FINISHES		$0
STRUCTURAL		
GENERATOR CONCRETE PADS		$7,500
MISCELLANEOUS STRUCTURAL (Control Panel Supports)		$1,000
PROCESS		
DEMOLITION		$2,000
SUBMERSIBLE MIXER		$20,000
INFLUENT SEWAGE GRINDER		$35,000
HVAC/ PLUMBING		$0
INSTRUMENTATION		
INSTRUMENTATION - GENERAL		$0
SCADA SYSTEM HARDWARE/ SOFTWARE		$0
ELECTRICAL		
NEW ELECTRICAL SERVICE & EQUIPMENT		$80,000
RECONNECTION TO EXISTING PUMP STATION		$10,000
NEW 125 KW GENERATOR W/OUTDOOR ENCLOSURE		$70,000
MISC. ELECTRICAL REQUIREMENTS		$10,000
SPECIALS		
MOBILIZATIONS		$10,000
PROCESS BY-PASS PUMPING		$2,500
SHEETING		$0
PILES		$0
GROUNDWATER DEWATERING (OPEN)		$0
TEMPORARY SLUDGE THICKENING/ DEWATERING		$0
SITE SECURITY		$0
WINTER CONSTRUCTION		$0
SUBTOTAL, CONSTRUCTION		$83,000
GENERAL CONTRACTOR OH&P AND GENERAL CONDITIONS	20.0%	$17,000
SUBTOTAL, SUBCONTRACTORS		$170,000
GENERAL CONTRACTOR MARKUP	5.0%	$9,000
ELECTRICAL/ TELEPHONE ALLOWANCE		$10,000
UNIT PRICE ITEMS	0.0%	$0
SUBTOTAL, CONSTRUCTION COSTS		$289,000
PROJECT MULTIPLIER, DESIGN CONTINGENCY	1.20	
PROJECT MULTIPLIER, INFLATION TO MIDPT CONST.	1.05	
ENGINEERS ESTIMATE OF CONSTRUCTION COST		**$364,000**

ALTERNATIVE 2

PRELIMINARY ASSESSMENT OF PROJECT COSTS

TOWN OF WATERFORD, CT
CRYSTAL MALL PUMP STATION IMPROVEMENTS - OPTION 2
W-P PROJECT NO. 10232Q
CONCEPTUAL DESIGN PHASE
NOVEMBER 2007 (ENR INDEX 8092)
PROJECT COST ESTIMATE

PROJECT COMPONENT		COST
CONSTRUCTION		$510,000
CONSTRUCTION CONTINGENCY	5.0%	$30,000
TECHNICAL SERVICES	12.0%	$60,000
MATERIALS TESTING		$1,500
ASBESTOS & LEAD PAINT ABATEMENT		$0
DIRECT EQUIPMENT PURCHASE		$0
LAND ACQUISITION/ EASEMENTS		$0
LEGAL/ ADMINISTRATIVE		$0
FINANCING	2.0%	$0
ENGINEER'S ESTIMATE OF PROJECT COST		$602,000

TOWN OF WATERFORD, CT
CRYSTAL MALL PUMP STATION IMPROVEMENTS - OPTION 2
W-P PROJECT NO. 10232Q
CONCEPTUAL DESIGN PHASE
NOVEMBER 2007 (ENR INDEX 8092)
CONSTRUCTION COST ESTIMATE

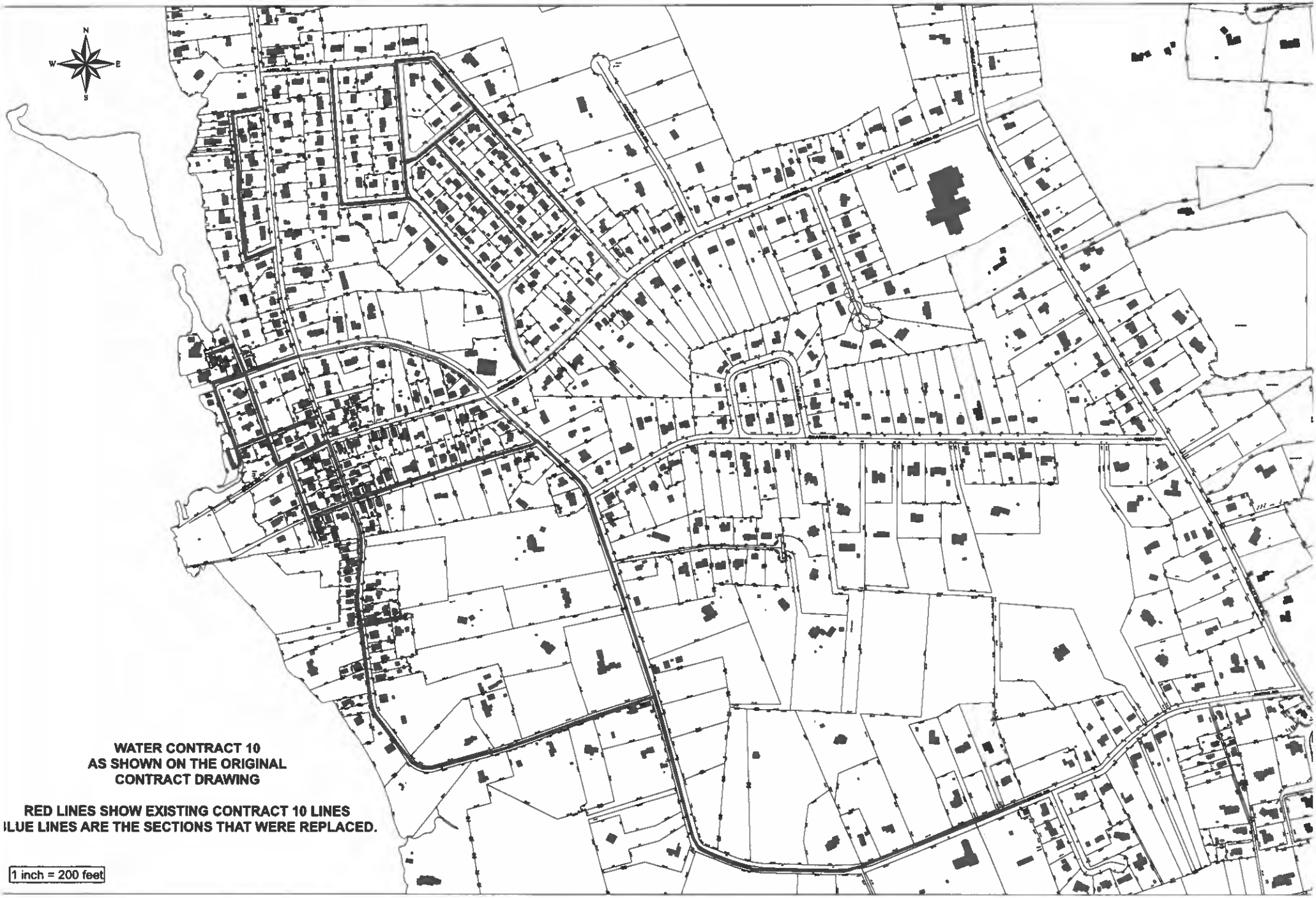
DESCRIPTION		ESTIMATED COST
CIVIL		
SITE WORK (Grinder Manhole Installation / Electrical)		$10,000
SITE PIPING		$0
ARCHITECTURAL		
PRE-CAST CONCRETE BUILDING		$40,000
PROCESS EQUIPMENT AND PIPING FINISHES		$0
STRUCTURAL		
GENERATOR CONCRETE PADS		$7,500
MISCELLANEOUS STRUCTURAL (Control Panel Supports)		$1,000
PROCESS		
DEMOLITION		$2,000
SUBMERSIBLE MIXER		$20,000
INFLUENT SEWAGE GRINDER		$35,000
HVAC/ PLUMBING		$0
INSTRUMENTATION		
INSTRUMENTATION - GENERAL		$0
SCADA SYSTEM HARDWARE/ SOFTWARE		$0
ELECTRICAL		
NEW ELECTRICAL SERVICE & EQUIPMENT		$80,000
NEW 40 HP VARIABLE FREQUENCY DRIVES		$40,000
NEW PLC BASED PUMP CONTROL PANEL		$40,000
RECONNECTION AND RECONFIGURATION OF TELEMETRY PANEL		$5,000
NEW WETWELL LEVEL CONTROL SYSTEM		$10,000
CONNECTION TO EXISTING PUMP STATION		$10,000
NEW 60 KW GENERATOR W/OUTDOOR ENCLOSURE		$35,000
MISC. ELECTRICAL REQUIREMENTS		$10,000
SPECIALS		
MOBILIZATIONS		$10,000
PROCESS BY-PASS PUMPING		$2,500
SHEETING		$0
PILES		$0
GROUNDWATER DEWATERING (OPEN)		$0
TEMPORARY SLUDGE THICKENING/ DEWATERING		$0
SITE SECURITY		$0
WINTER CONSTRUCTION		$0
SUBTOTAL, CONSTRUCTION		$128,000
GENERAL CONTRACTOR OH&P AND GENERAL CONDITIONS	20.0%	$26,000
SUBTOTAL, SUBCONTRACTORS		$230,000
GENERAL CONTRACTOR MARKUP	5.0%	$12,000
ELECTRICAL/ TELEPHONE ALLOWANCE		$10,000
UNIT PRICE ITEMS	0.0%	$0
SUBTOTAL, CONSTRUCTION COSTS		$406,000
PROJECT MULTIPLIER, DESIGN CONTINGENCY	1.20	
PROJECT MULTIPLIER, INFLATION TO MIDPT CONST.	1.05	
ENGINEERS ESTIMATE OF CONSTRUCTION COST		**$512,000**

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Pleasure Beach Area Water Main Replacement	**DEPARTMENT PRIORITY** 8

1	**DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)**
	This funding request is associated with a program that was initiated around 2005 with the intention of replacing water mains in the Pleasure Beach area known as Water Contract #10 which consisted of 20,316 LF of 8" pipe. This contract area has experienced a significant number of main breaks. DPW has held off paving this area to avoid causing more breaks. To date, we have replaced 1,468 feet of main, and 18,848 LF of the old main remain. Funds are being requested for future years to replace approximately 6,300 LF/Yr. at a current average costs of $150/LF . This project will enhance the reliability of the distribution system and create assurances that the roads within the contract area can be repaved without causing a main break and creating an adverse condition to a newly paved road.
2	**PROJECT STATUS IF IN PROGRESS**
3	**LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST**
	The Department of Public Works has been apprehensive to repave the roads within this area due to the likelihood of additional main breaks occurring as a result of the paving process.
4	**DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)**
	O&M of the Water system is the responsibility of the City of New London. Waterford is responsible for all Capital Improvements
5	**GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)**
	Based on priorities, CT DPH State Revolving Fund Loans.
6	**ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)**
	Costs estimate is based upon an regional average construction cost of $150.00/LF
7	**COST/FUNDING SOURCE**

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR			706,800	706,800	706,800	706,800
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**706,800**	**706,800**	**706,800**	**706,800**


N
W
E
S
WATER CONTRACT 10
AS SHOWN ON THE ORIGINAL
CONTRACT DRAWING
RED LINES SHOW EXISTING CONTRACT 10 LINES
LUE LINES ARE THE SECTIONS THAT WERE REPLACED.
1 inch = 200 feet

TOWN OF WATERFORD
CAPITAL PROJECT REQUEST FORM
2027-2031 FISCAL YEAR REQUEST

DEPARTMENT/AGENCY Utility Commission	**CONTACT PERSON** Jill N. Stevens
PROJECT NAME Rogers Hill Water Tank Rehab and Management	**DEPARTMENT PRIORITY** 9

1 DESCRIPTION AND JUSTIFICATION (describe the type, purpose & anticipated accomplishments of the project)

The Rogers Hill water tank, a 1.25 million gallon, pre-cast, pre-stressed concrete water storage tank, was built in 2006 as a part of the Regional Interconnection agreement and provides water service to Quaker Hill. The purpose of this request is to restore the tank to like new conditions and enter it into the Water Tank Asset Management program to protect the Town's investment in these critical pieces of water infrastructure.

2 PROJECT STATUS IF IN PROGRESS

3 LIST OTHER PROJECTS WITHIN YOUR DEPARTMENT OR ANOTHER DEPARTMENT THAT WILL BE IMPACTED BY THIS REQUEST

4 DESCRIBE THE IMPACT ON DEPARTMENT OPERATING BUDGET (include cost estimate if applicable)

None. The tank is operated by the City of New London under the current Inter-local water agreement.

5 GRANT FUNDING/OTHER FUNDING, if applicable (detailed explanation of grant/other funding, including the amount, source of funding, status, town match, if any. Attach award letter if available)

State Revolving Funds may be available depending upon the project's ranking status

6 ATTACH PLAN ESTIMATE, SERVICE AREA MAP AND/OR OTHER SUPPORTING DOCUMENTATION (if none, simply state that in the area below)

Please see the cost estimate, tank assessment, and tank management program material included

7 COST/FUNDING SOURCE

	FUNDING SOURCE	APPROVED FUNDING TO DATE	FY2027	FY2028	FY2029	FY2030	FY2031
1	Current Year Capital						
2	Utility Budget/Sewer Cap Maint Fund						
3	Transfer to CNR				358,662	358,662	358,662
4	Short/Long-term Bonds						
5	LoCIP (detail in section 5 above)						
6	CNR Undesignated Fund Balance						
7	Federal/State Grants (detail in section 5)						
8	Other Funding (detail in section 5 above)						
	TOTALS	**0**	**0**	**0**	**358,662**	**358,662**	**358,662**



Tank Asset Management Program

Comprehensive water tank maintenance is more than the rehabilitation of an aging water tank. It's about indefinitely extending the life of critical assets at a cost you can control. No one else offers you the comprehensive range of services – and the peace of mind – that USG Water Solutions delivers.

The challenge

Aging infrastructure

As they age, water tanks present more maintenance and water quality concerns.

Water quality

Buildup of mineralization and biofilm can cause water quality issues.

Limited budgets

Costly tank maintenance is not often included in annual budgets, so related expenses are often paid with funds allocated to other projects.

The USG Water Solutions' Tank Asset Management Program extends service life and optimizes conditions of your storage tank so you can provide high-quality water to your customers.

Learn more on the back.

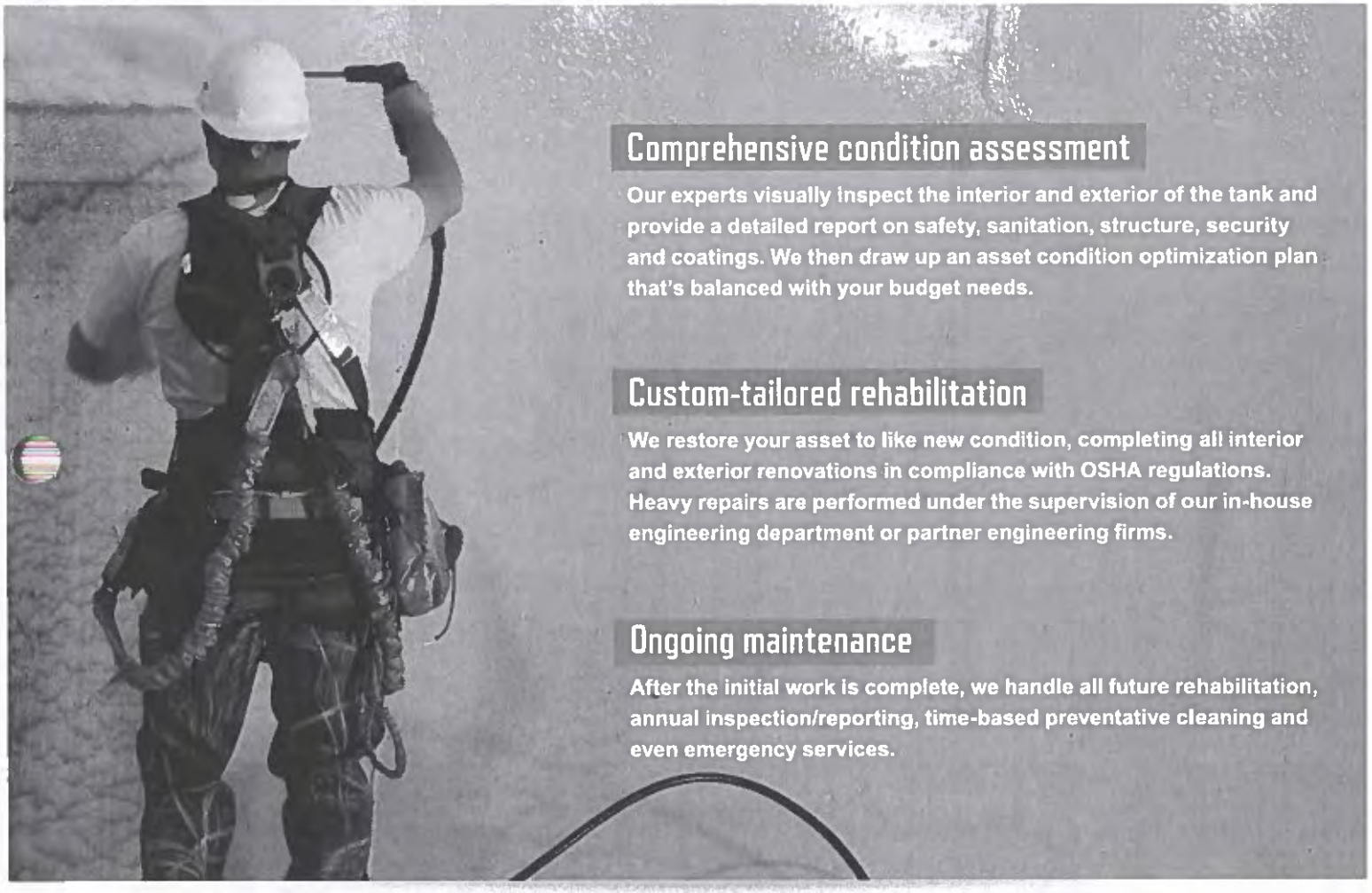
USG WATER SOLUTIONS

Peace-of-mind for you. High-quality water for your customers.

Our Asset Management Program is a comprehensive approach designed to help you maintain your tanks and keep them compliant with safety and sanitary regulations.

The benefits

- **Improve water quality**
- **Comply with regulations**
- **Extend asset life**
- **Predictable budget**



Comprehensive condition assessment

Our experts visually inspect the interior and exterior of the tank and provide a detailed report on safety, sanitation, structure, security and coatings. We then draw up an asset condition optimization plan that's balanced with your budget needs.

Custom-tailored rehabilitation

We restore your asset to like new condition, completing all interior and exterior renovations in compliance with OSHA regulations. Heavy repairs are performed under the supervision of our in-house engineering department or partner engineering firms.

Ongoing maintenance

After the initial work is complete, we handle all future rehabilitation, annual inspection/reporting, time-based preventative cleaning and even emergency services.

The ultimate solution:

USG Water Solutions Asset Management

At USG Water Solutions, we believe you shouldn't have to choose between a capital expense that is beyond your budget and an unpredictable run-to-failure approach. Our Asset Management Program (AMP™) packages the rehabilitation and future maintenance of your assets into a single contract, with USG Water Solutions assuming all maintenance risk for a set annual cost.

Extend tank life.
Call +1 (855) 526-4413 or visit
www.usgwater.com

Utility Service Group Water Solutions

1230 Peachtree Street NE
Suite 1100 | Promenade Building
Atlanta, GA 30309

USG WATER SOLUTIONS

An ISO 9001:2015 Quality Assured Company

2024 Condition Assessment

TOWN OF WATERFORD, CT
ROGERS HILL TANK
2500000 Gallons Ground



Inspection Date: May 2, 2024
Water System Consultant: Kevin Martel

USG WATER SOLUTIONS

PROJECT INTENT AND RESULTS

USG Water Solutions - Utility Service Co., Inc. conducted an inspection of the Water Storage Tank based on OSHA, AWWA and local requirements for Sanitary, Safety, Security, Coatings, and the overall condition of the Structure. A summary of the inspection results, including photographs and recommendations, outlining the urgency for any items we feel require addition attention to maintain and preserve the Structure are as follows:

Results SANITARY:

- ☐ Vent
- ☐ Leaks, Holes, or Points of Intrusion
- ☐ Water Quality
- ☐ Overflow

Results SAFETY AND SECURITY:

- ☐ Access Hatches, Manways or Doors
- ☐ Fences, Gates, Guards or Vandalism
- ☐ Ladders, Platforms, Handrails or Stairs
- ☐ Lightning, Alarm Systems or Telecommunications

Results COATING:

- ☐ Exterior
- ☐ Water Chamber
- ☐ Dry Interior

Results STRUCTURE:

- ☐ Roof
- ☐ Shell
- ☐ Supporting Members
- ☐ Appurtenances
- ☐ Anchors and Foundation

During the inspection, the following scope of work was performed:

- Visual Inspection of the tank interior and exterior accessible without rigging, to include appurtenances.

Legend of Recommendations

Low Risk ■ = Next Inspection Recommended in 12 months

☐ = Maintenance or Renovation Work is Recommended to be in the **Planning Stage**

High Risk ■ = Maintenance or Renovation is Recommended for **Execution** at Earliest Opportunity

N/A ☐ = Not Applicable

SITE INFORMATION
GATES



- [ ] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

EXTERIOR ROOF

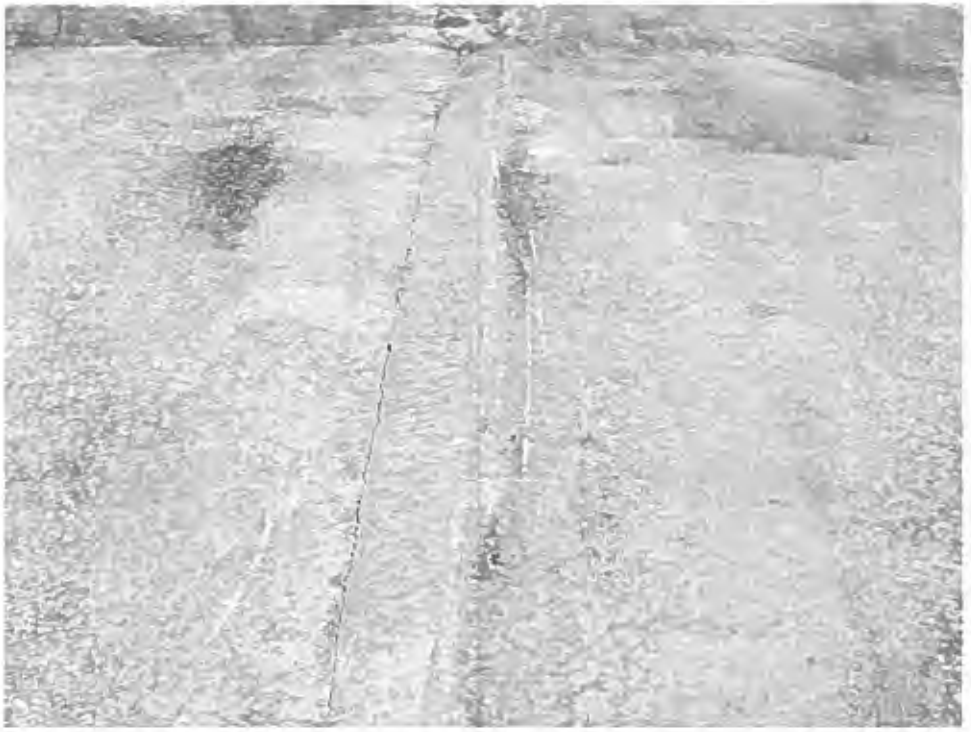




- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

EXTERIOR ROOF





- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

EXTERIOR SHELL





- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

WATER CHAMBER ROOF AND RAFTERS

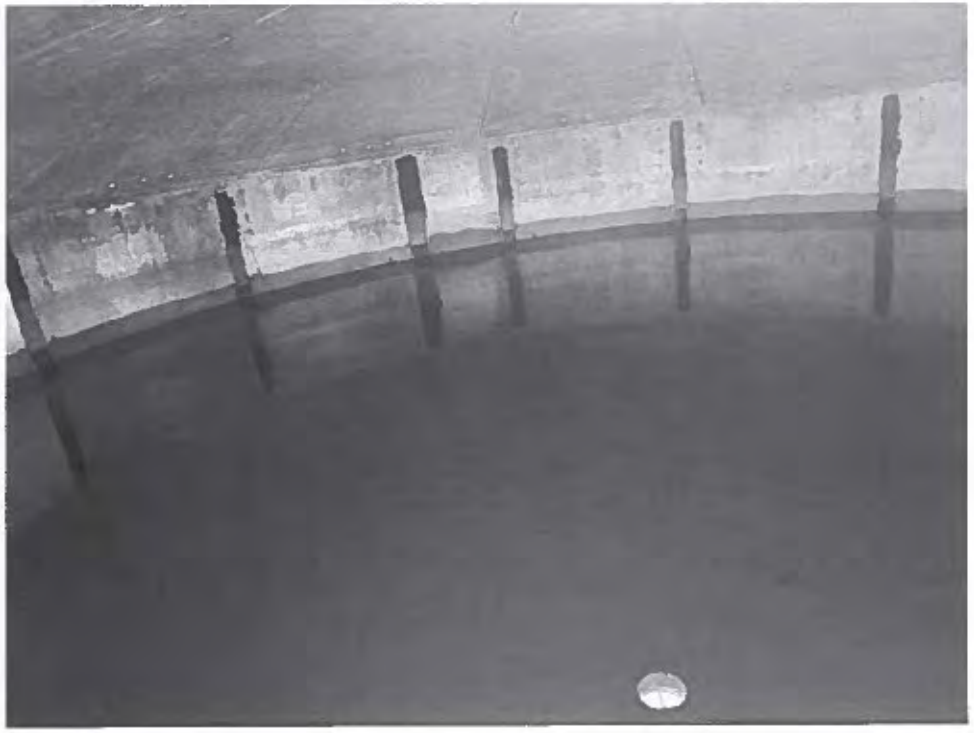




- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

WATER CHAMBER SHELL/BOWL/FLOOR
SHELL / BOWL





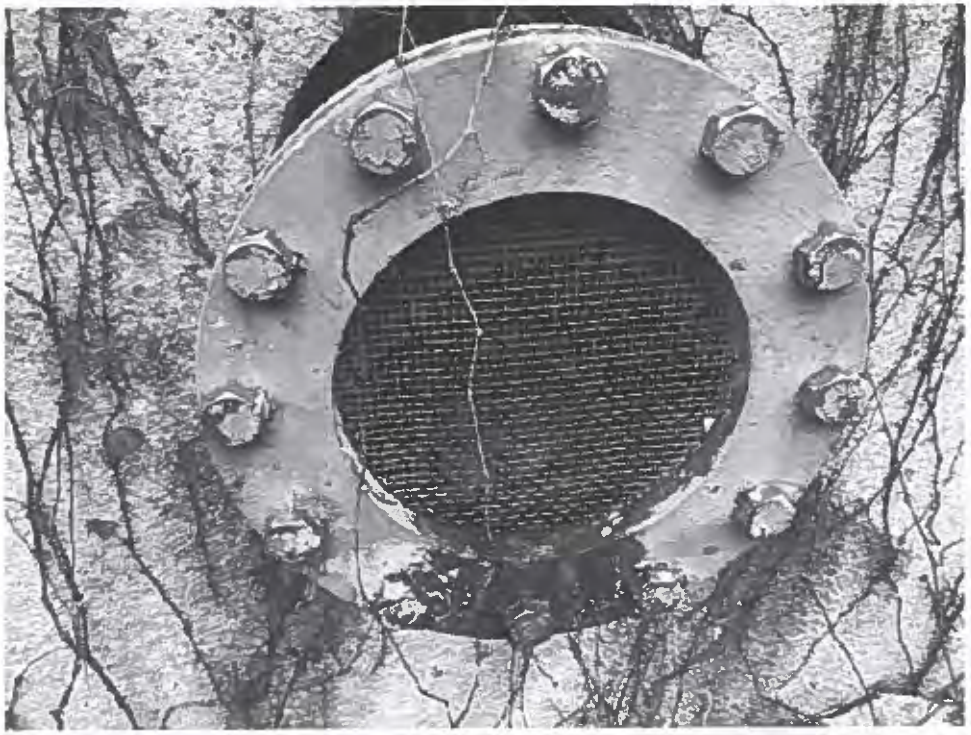
- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

WATER QUALITY
WATER QUALITY SYSTEMS PRESENT



- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

PIPING
OVERFLOW





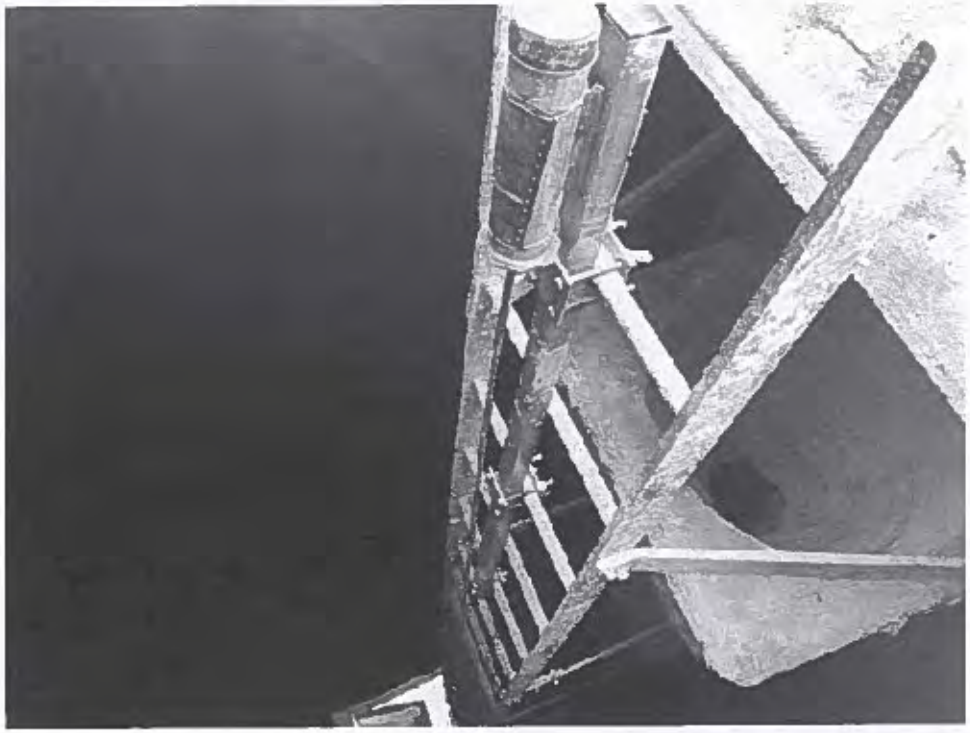
- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

ANTENNAS AND COAXIAL
ANTENNA/COAXIAL EACH LOCATION



- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

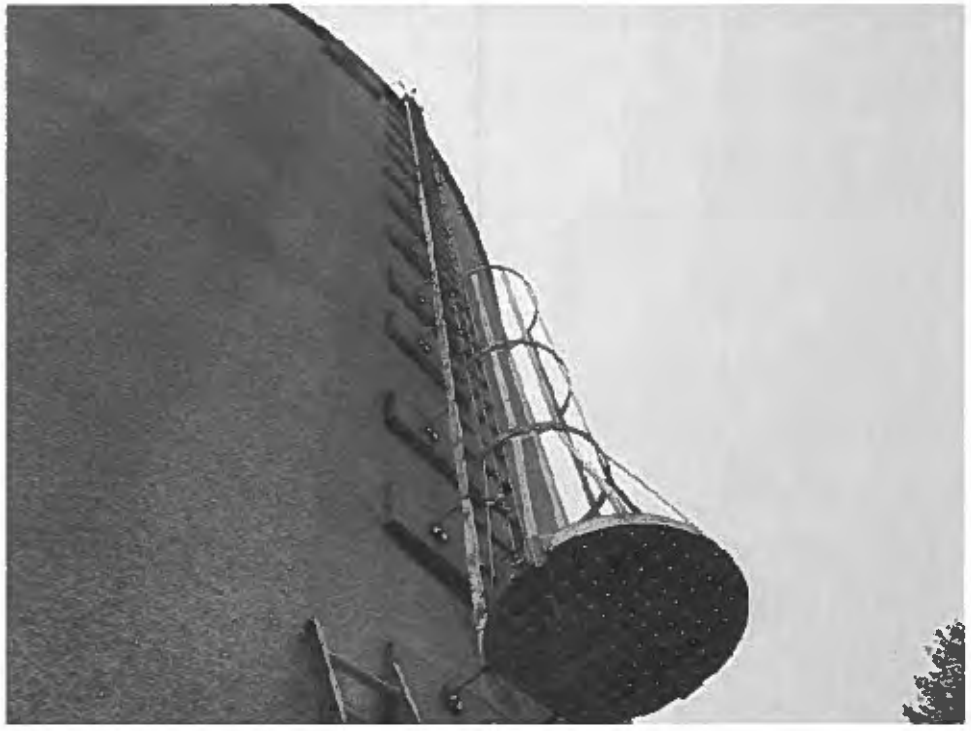
LADDERS/HANDRAILS/STAIRS/PLATFORMS
LADDERS



- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

LADDERS/HANDRAILS/STAIRS/PLATFORMS
LADDERS





- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

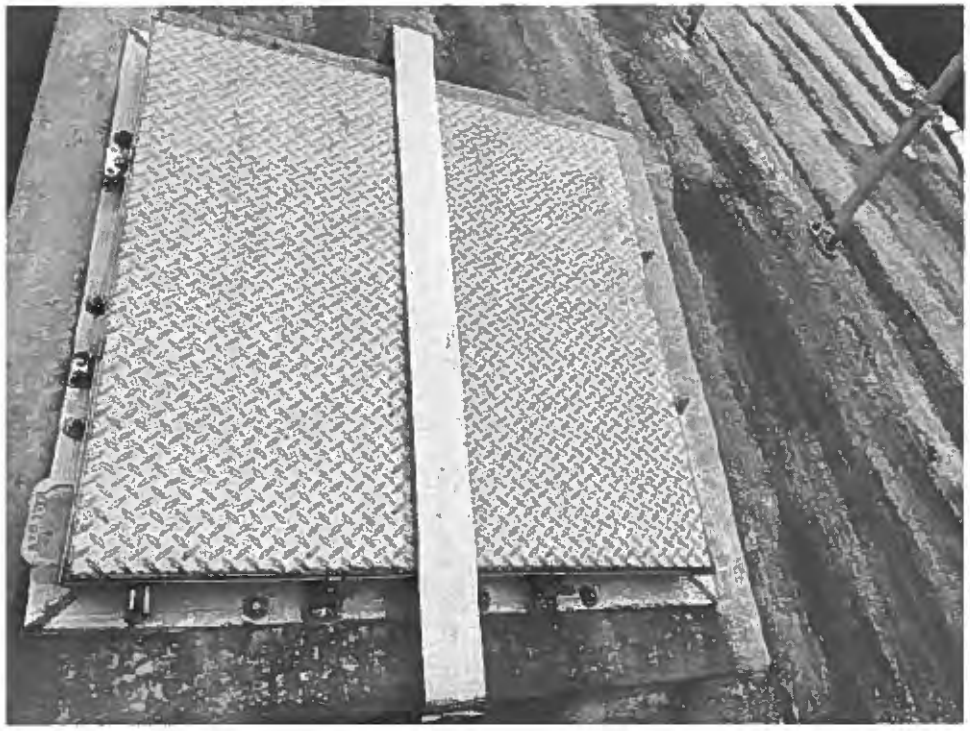
LADDERS/HANDRAILS/STAIRS/PLATFORMS
HANDRAILS/PLATFORMS





- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

HATCHES/MAN WAYS/DOORS
HATCHES

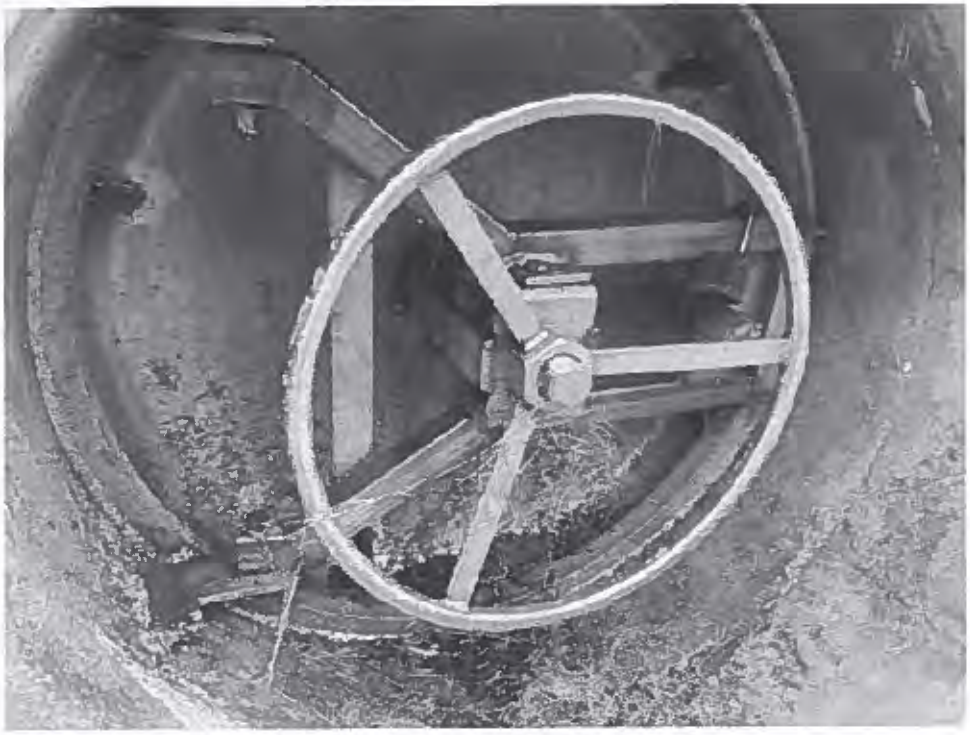




- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

HATCHES/MAN WAYS/DOORS
MAN WAYS

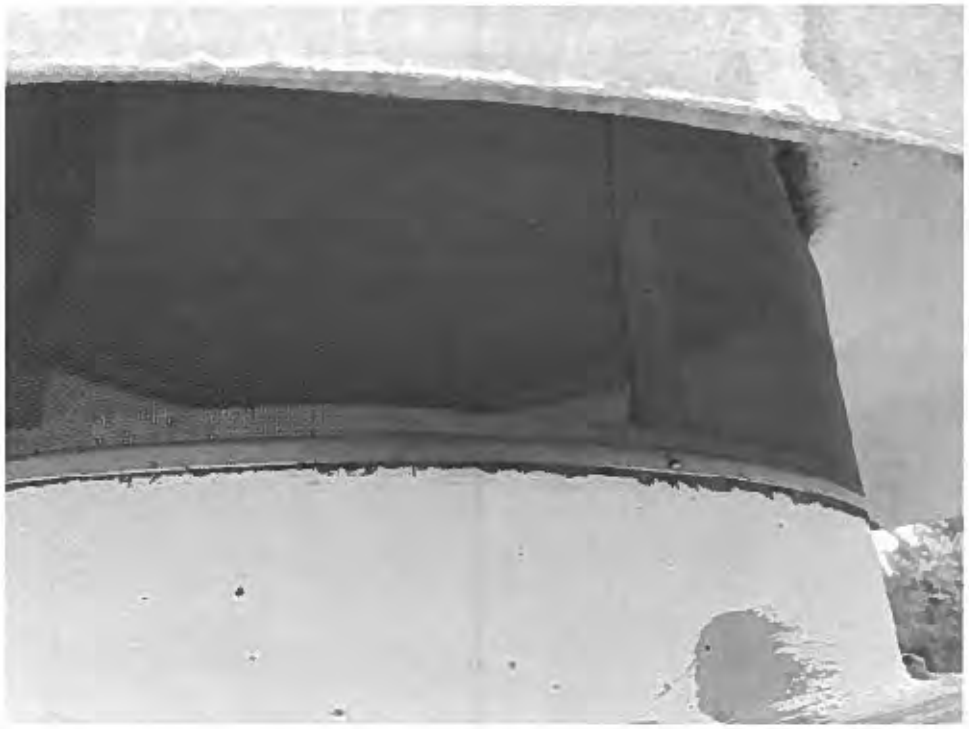




- [ ] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

VENTING
VENT DETAILS



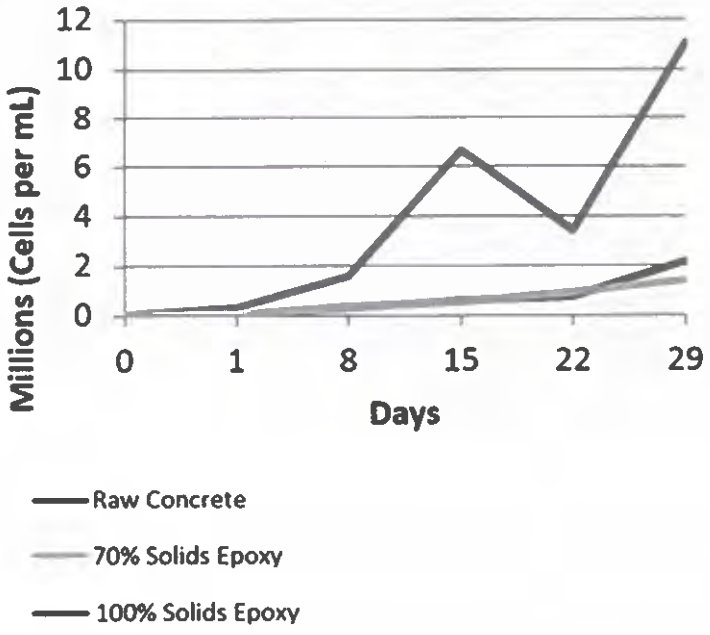


- [x] SANITARY
- [ ] SAFETY AND SECURITY
- [ ] COATINGS AND CORROSION
- [ ] STRUCTURE

LINING YOUR POTABLE CONCRETE WATER TANK HAS THE FOLLOWING PROVEN BENEFITS:

- Can extend the life of the asset indefinitely
- Ensures community's potable water supply is in contact with NSF certified materials
- Can reduce biofilm concentrations on the concrete tank's surfaces by up to 75%

AVG. ADENOSENE TRIPHOSPHATE (ATP) IRON BY COATING TYPE



Avon, CT: Before

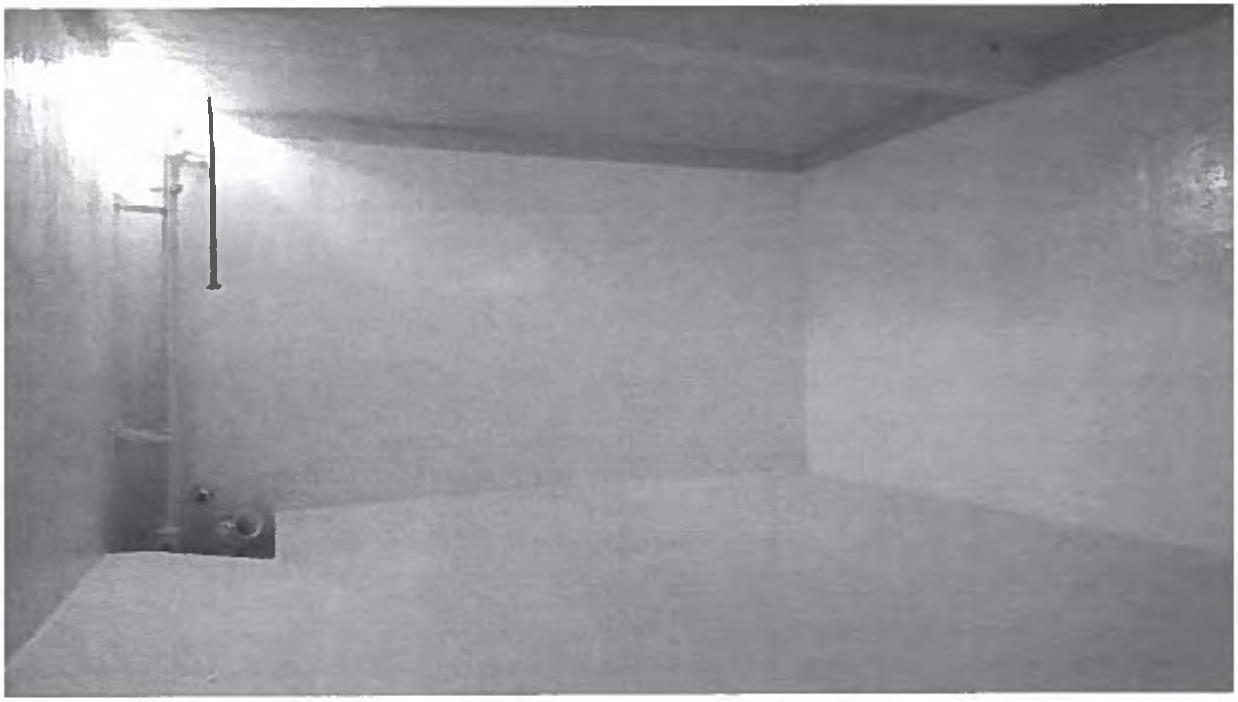


USG WATER
SOLUTIONS

Avon, CT: After







USG WATER SOLUTIONS

THANK YOU



USG WATER
SOLUTIONS

Budgetary Pricing - Rogers

ear	1	2	3	4	5	6	7	8	9	10
Vork chedule	Full Int/Ext Water Jet +Paint + Repairs	Visual Inspect	ROV Inspect	Washout	Visual Inspect & Exterior Power-Wash	Visual	ROV Inspect	Exterior Overcoat & Washout	Visual	Visual
ee	$358,662 (UR + MP)	$358,662 (UR + MP)	$358,662 (UR + MP)	$74,536	$77,175	$79,907	$82,735	$85,664	$88,697	$91,837

ull Coatings and Repairs Warranty for life of contract or until you cancel
nnual Inspection
xterior Powerwash Every 5 Years
xterior Renovation Every 7 Years
nterior Renovation Every 20 Years

Total UR: $934,480

40 LF Crack Repair
0 Sqft Spalling Repair
Remove existing Ladder Cage
nstall Aluminum Ladder Gate

USG WATER

TOWN OF WATERFORD
GENERAL FUND
2026-2027 PROPOSED BUDGET

DEPT/AGENCY: 10139 DEBT SERVICE

LINE ITEM	DESCRIPTION	2024-2025 ACTUAL EXPENDED	FY2025 TRANSFERS IN/OUT	2025-2026 RTM APPROP.	2025-2026 ADDITIONAL/ TRANSFERS	ACTUAL EXPEND & ENCUMB AS OF 1/1/26	2026-2027 DEPT/ AGENCY REQUEST	2026-2027 APPROVED BD/COMM. (11/12/25)	2026-2027 BD OF SELECTMEN APPROVED	BOS Approved $ Increase	BOS Approved % Increase
PRINCIPAL & INTEREST											
56035	2014 BOND REFUNDING - PRINCIPAL	835,000		840,000		840,000	845,000	845,000	845,000	5,000	0.60%
56036	2014 BOND REFUNDING - INTEREST	105,125		63,250		42,125	21,125	21,125	21,125	(42,125)	-66.60%
56037	2017 BOND REFUNDING - PRINCIPAL	1,085,000		1,070,000		1,070,000	2,830,000	2,830,000	2,830,000	1,760,000	164.49%
56038	2017 BOND REFUNDING - INTEREST	460,525		406,650		216,700	309,150	309,150	309,150	(97,500)	-23.98%
56039	2019 BOND REFUNDING PRINCIPAL	855,000		870,000		870,000	885,000	885,000	885,000	15,000	1.72%
56040	2019 BOND REFUNDING INTEREST	267,375		224,250		123,000	180,375	180,375	180,375	(43,875)	-19.57%
56042	2020 MUNICIPAL COMPLEX - PRINCIPAL	685,000		685,000		685,000	685,000	685,000	685,000	-	0.00%
56043	2020 MUNICIPAL COMPLEX - INTEREST	355,225		320,975		169,050	286,725	286,725	286,725	(34,250)	-10.67%
56044	2020 BOND REFUNDING - PRINCIPAL	3,135,000		3,180,000		3,180,000	1,150,000	1,150,000	1,150,000	(2,030,000)	-63.84%
56045	2020 BOND REFUNDING - INTEREST	326,496		304,375		158,389	286,051	286,051	286,051	(18,324)	-6.02%
NEW	2025 COMMUNCIATIONS UPGRADE - PRINCIPAL						299,394	299,394	299,394		
NEW	2025 COMMUNICATIONS UPGRADE - INTEREST						145,176	145,176	145,176		
DEPARTMENT TOTAL		8,109,746	0	7,964,500	0	7,354,264	7,922,996	7,922,996	7,922,996	(41,504)	-0.52%

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: DEBT SERVICES (10139)

BUDGET FUNCTION

The town typically incurs monetary debt in the form of long-term (20 year) bonds used as a funding source for long-term capital projects. The debt service budget defines the amount of both principal and interest that the town will pay its creditors (typically bondholders) in a given fiscal year.

The debt service budget can also be used to manage repayment of shorter-term multi-year debt. (Note that large capital projects may be funded by any combination of long term borrowing, general fund appropriations, short-term borrowing, grants, special assessments, special revenue fund appropriation, and donations to fully fund a given project. The debt service budget addresses borrowed funds.

References:

Charter Section 3.2.3 Capital Plans (First Selectman)

Ordinance 2.04.170 - Budget Preparation and Submission (RTM)

Ordinance 2.04.180 – Appropriations (RTM)

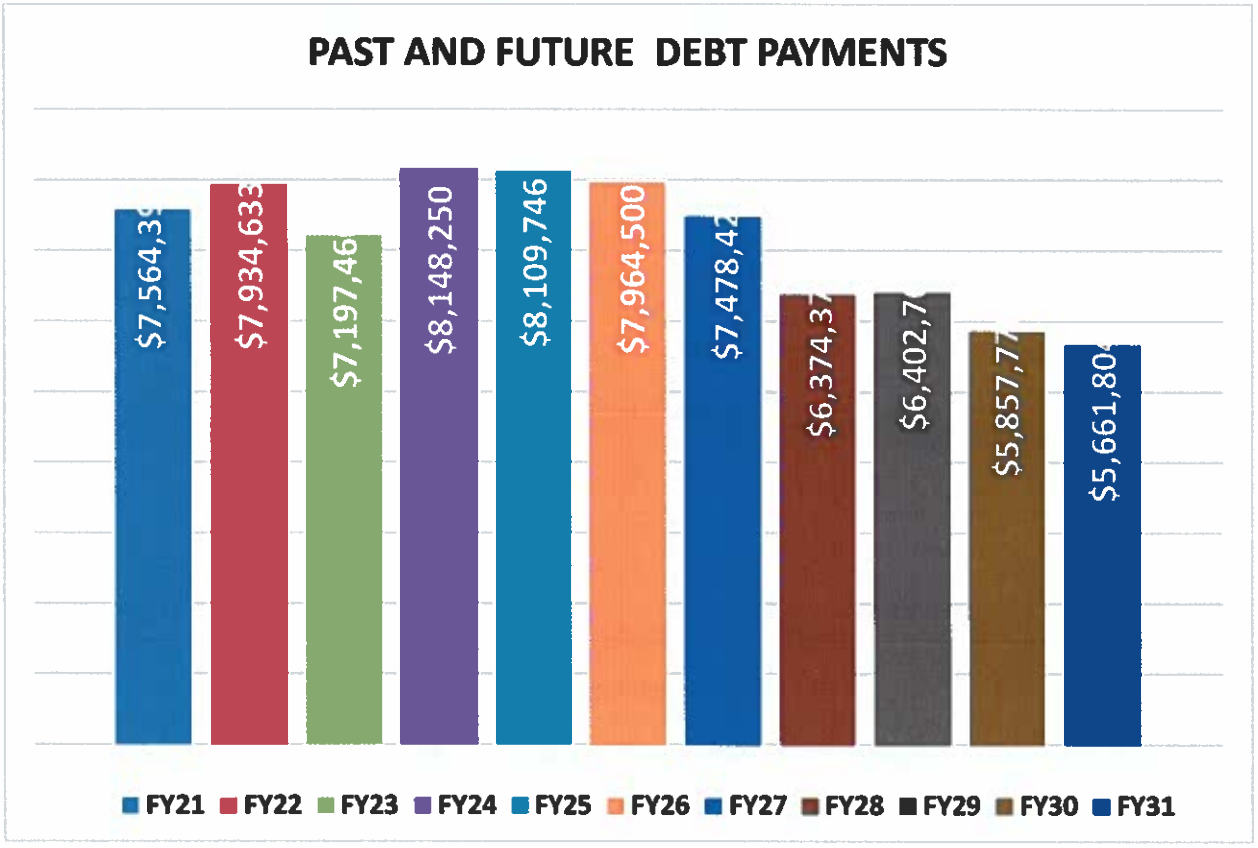
Conn Statutes: C.G.S.A. § 7-369 et seq.

TOWN OF WATERFORD
FY2027 BUDGET REQUEST
DEPARTMENT: DEBT SERVICES (10139)

BUDGET SUMMARY

The FY27 budget request is $41,504 (0.52%) lower than fiscal year 2026.

PAST AND & FUTURE DEBT PAYMENTS



Statement of Debt Incurred, Outstanding Interest Maturities
General Government

Issue	Date of Issue	Maturity Date	Amount of Issue	Ave. Coupon	Outstanding as of 6/30/2026	Principal Due FY-2027	Interest Due FY-2027
2014 Refunding Bond Issue	Dec 2014	Aug. 2026	$9,440,000	4.529%	$845,000	$845,000	$21,125
2017 Refunding Bond Issue	Jun 2018	Aug 2030	$14,585,000	4.642%	$8,085,000	$2,830,000	$309,150
2019 Refunding Bond Issue	Dec 2019	Aug 2030	$9,085,000	4.494%	$4,615,000	$885,000	$180,375
2020 Municipal Complex	Jul 2020	Sept 2040	$13,655,000	2.260%	$10,230,000	$685,000	$286,725
2020 Refunding Bond Issue	Dec 2020	Aug 2033	$28,890,000	1.210%	$18,200,000	$1,150,000	$286,051
2025 Communications Conversion	Oct-25	Nov-35	$3,600,000	3.960%	$3,600,000	$444,570	$145,176
			$79,255,000		$45,575,000	$6,839,570	$1,228,602

Total FY27 Debt Service Payments **$8,068,172**

Town of Waterford

Bonded Debt History

Original Issues

2007 G.O. Bonds – Additions and Renovations to Clark Lane Middle School		$15,865,000
2009 G.O. Bonds – Additions and Renovations to Quaker Hill Elementary School		$ 8,500,000
2011 G.O. Bonds – Additions and Renovations to Oswegatchie Elementary School		$14,000,000
2012 G.O. Bonds – Additions and Renovations Great Neck Elementary School		$15,640,000
2013 G.O. Bonds – Additions and Renovations to Waterford High School		$33,750,000
2014 G.O. Bonds – Additions and Renovations to Waterford High School		$13,700,000
	Renovations Quaker Hill Elementary	$ 851,545
	Renovations Oswegatchie Elementary	$ 720,425
	Renovations Great Neck Elementary	$ 658,030
	Total	$15,930,000
2020 G.O. Bonds – Municipal Complex Garage Addition and Renovations		$13,655,000
	Total Bonded	$15,096,084
2025 Bank Note – State Radio Communications Conversion		$3,600,000
$1,000,000 used from unassigned General Fund Balance		

Refunding Issues

2014 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2007	$ 9,440,000

Original 2007 Issue $15,865,000 for Additions and Renovations to Clark Lane Middle School

2017 G.O. Refunding Bonds		$14,585,000
	Refunding of G.O. Bonds, Issue 2009	$ 4,900,000
	Refunding of G.O. Bonds, Issue 2011	$ 7,350,000
	Refunding of G.O. Bonds, Issue 2013	$ 4,000,000
	Total Refunded	$16,250,000
2019 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2012	$ 9,085,000
	Total Refunded	$10,375,000
2020 G.O. Refunding Bonds	Refunding of G.O. Bonds, Issue 2013	$17,585,000
	Refunding of G.O. Bonds, Issue 2014	$10,115,000
	Total Refunded	$28,890,000

Town of [illegible]rford
Debt Service
Amorization Schedule

	Original Issue Amount	FY-2027	FY-2028	FY-2029	FY-2030	FY-2031	FY-2032	FY-2033	FY-2034	Totals
2014 G.O. Refunding	$ 9,440,000.00									
Principal		$ 845,000.00								$ 3,345,000.00
Interest		$ 21,125.00								$ 336,125.00
		$ 866,125.00	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 3,681,125.00
2017 G.O. Refunding	$ 14,585,000.00									
Principal		$ 2,830,000.00	$ 2,820,000.00	$ 1,070,000.00	$ 685,000.00	$ 680,000.00				$ 11,310,000.00
Interest		$ 309,150.00	$ 167,900.00	$ 76,000.00	$ 40,900.00	$ 13,600.00				$ 1,989,125.00
		$ 3,139,150.00	$ 2,987,900.00	$ 1,146,000.00	$ 725,900.00	$ 693,600.00	$ -	$ -	$ -	$ 13,299,125.00
2019 G.O. Refunding	$ 9,085,000.00									
Principal		$ 885,000.00	$ 905,000.00	$ 915,000.00	$ 950,000.00	$ 960,000.00				$ 7,015,000.00
Interest		$ 180,375.00	$ 135,625.00	$ 94,700.00	$ 57,400.00	$ 19,200.00				$ 1,284,550.00
		$ 1,065,375.00	$ 1,040,625.00	$ 1,009,700.00	$ 1,007,400.00	$ 979,200.00	$ -	$ -	$ -	$ 8,299,550.00
2020 G.O. Bonds	$ 13,655.00									
Principal		$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 685,000.00	$ 680,000.00	$ 680,000.00	$ 7,525,000.00
Interest		$ 286,725.00	$ 252,475.00	$ 218,225.00	$ 187,400.00	$ 163,425.00	$ 142,875.00	$ 122,400.00	$ 105,400.00	$ 2,544,600.00
		$ 971,725.00	$ 937,475.00	$ 903,225.00	$ 872,400.00	$ 848,425.00	$ 827,875.00	$ 802,400.00	$ 785,400.00	$ 10,069,600.00
2020 G.O. Refunding	$ 28,890,000.00									
Principal		$ 1,150,000.00	$ 1,135,000.00	$ 3,100,000.00	$ 3,055,000.00	$ 3,015,000.00	$ 2,950,000.00	$ 2,890,000.00	$ 905,000.00	$ 27,710,000.00
Interest		$ 286,050.50	$ 273,374.75	$ 243,836.50	$ 197,069.75	$ 147,912.75	$ 96,925.00	$ 44,380.00	$ 8,823.75	$ 2,271,368.75
		$ 1,436,050.50	$ 1,408,374.75	$ 3,343,836.50	$ 3,252,069.75	$ 3,162,912.75	$ 3,046,925.00	$ 2,934,380.00	$ 913,823.75	$ 29,981,368.75
2025 Note	$ 3,600,000.00									
Principal		$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 444,569.56	$ 3,556,556.48
Interest		$ 145,176.14	$ 133,102.59	$ 120,542.15	$ 107,475.19	$ 93,881.29	$ 79,739.19	$ 665,026.78	$ 49,721.07	$ 1,394,664.40
		$ 589,745.70	$ 577,672.15	$ 565,111.71	$ 552,044.75	$ 538,450.85	$ 524,308.75	$ 1,109,596.34	$ 494,290.63	$ 4,951,220.88
	Principal	$ 6,839,569.56	$ 5,989,569.56	$ 6,214,569.56	$ 5,819,569.56	$ 5,784,569.56	$ 4,079,569.56	$ 4,014,569.56	$ 2,029,569.56	$ 60,461,556.48
	Interest	$ 1,228,601.64	$ 962,477.34	$ 753,303.65	$ 590,244.94	$ 438,019.04	$ 319,539.19	$ 831,806.78	$ 163,944.82	$ 9,820,433.15
	GRAND TOTAL	$ 8,068,171.20	$ 6,952,046.90	$ 6,967,873.21	$ 6,409,814.50	$ 6,222,588.60	$ 4,399,108.75	$ 4,846,376.34	$ 2,193,514.38	$ 70,281,989.63

2025 Radio Upgrade

Town of Waterford- 10-Year Term - Preliminary

Compound Period: Monthly

Nominal Annual Rate: 3.960 %

CASH FLOW DATA

	Event	Date	Amount	Number	Period	End Date
1	Lease	11/01/2025	3,600,000.00	1		
2	Lease Payment	11/01/2026	444,569.56	10	Annual	11/01/2035

AMORTIZATION SCHEDULE - Normal Amortization, 360 Day Year

	Date	Lease Payment	Interest	Principal	Balance
Lease	11/01/2025				3,600,000.00
2025 Totals		0.00	0.00	0.00	
1	11/01/2026	444,569.56	145,176.14	299,393.42	3,300,606.58
2026 Totals		444,569.56	145,176.14	299,393.42	
2	11/01/2027	444,569.56	133,102.59	311,466.97	2,989,139.61
2027 Totals		444,569.56	133,102.59	311,466.97	
3	11/01/2028	444,569.56	120,542.15	324,027.41	2,665,112.20
2028 Totals		444,569.56	120,542.15	324,027.41	
4	11/01/2029	444,569.56	107,475.19	337,094.37	2,328,017.83
2029 Totals		444,569.56	107,475.19	337,094.37	
5	11/01/2030	444,569.56	93,881.29	350,688.27	1,977,329.56
2030 Totals		444,569.56	93,881.29	350,688.27	
6	11/01/2031	444,569.56	79,739.19	364,830.37	1,612,499.19
2031 Totals		444,569.56	79,739.19	364,830.37	
7	11/01/2032	444,569.56	65,026.78	379,542.78	1,232,956.41
2032 Totals		444,569.56	65,026.78	379,542.78	
8	11/01/2033	444,569.56	49,721.07	394,848.49	838,107.92
2033 Totals		444,569.56	49,721.07	394,848.49	
9	11/01/2034	444,569.56	33,798.13	410,771.43	427,336.49
2034 Totals		444,569.56	33,798.13	410,771.43	
10	11/01/2035	444,569.56	17,233.07	427,336.49	0.00
2035 Totals		444,569.56	17,233.07	427,336.49	
Grand Totals		4,445,695.60	845,695.60	3,600,000.00	

2020 Refunding

AMTEC
American Municipal Tax-Exempt Compliance

90 Avon Meadow Lane
Avon, CT 06001
(T) 860-321-7521
(F) 860-321-7581
www.amteccorp.com

Town of Waterford ("Issuer")
15 Rope Ferry Road
Waterford, CT 06385

Day Pitney, LLP ("Bond Counsel")
242 Trumbull Street
Hartford, CT 06103

Hilltop Securities Inc. ("Financial Advisor")
129 Samson Rock Drive, Suite A
Madison, CT 06443

Robert W. Baird & Co., Inc. ("Senior Manager")
One Harding Road, Suite 207
Red Bank, NJ 07701

U.S. Bank National Association
("Paying/Escrow Agent")
CityPlace I, 185 Asylum Street, 27th Floor
Hartford, CT 06103

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

The Town of Waterford, Connecticut proposes to issue the above referenced General Obligation Refunding Bonds, Series 2020B (Federally Taxable) (the "Bonds"). The Bonds are dated December 30, 2020 and will be issued on December 30, 2020. The Bonds consist of $28,890,000 Serial Bonds.

A portion of the proceeds of the Bonds will be used to purchase United States Treasury Securities – State and Local Government Series (the "Acquired Obligations"), together with an initial cash deposit, which will be placed in an irrevocable escrow fund, to be used solely to refund that portion of the Issuer's General Obligation Bonds, Issue of 2013 and General Obligation Bonds, Issue of 2014 described below (collectively, the "Refunded Bonds").

Series	Principal Issued	Dated	Principal Refunded	Maturities Refunded	Redemption Date	Redemption Price
2013	$33,750,000	3/15/13	$17,585,000	8/15/22 to 8/15/32	8/15/21	100%
2014	$15,930,000	3/17/14	$10,115,000	3/15/24 to 3/15/34	3/15/22	100%

At your request, we have independently calculated, based on information and assumptions as provided to us by the Financial Advisor, that the receipts from the Acquired Obligations, along with the initial cash deposit, will be sufficient to pay to and at redemption, the principal and interest on the Refunded Bonds.

At your request, we have independently verified the arithmetical accuracy of the computations based on schedules provided to us by the Financial Advisor. We have relied solely on the assumptions and information, as provided to us by the Financial Advisor, and have not made any study or evaluation of them, except as noted below. We express no opinion on the reasonableness of the assumptions, or the likelihood that the debt service requirements of the Refunded Bonds will be paid as described in the accompanying exhibits.

General Obligation Bonds, Issue of 2013

Issue	Dated Date	Maturity Date	Amount Outstanding	Interest Rate	Redemption Date	Redemption Price
2013	3/15/2013	8/15/2022	$1,755,000	2.000%	8/15/2021	100.00%
2013	3/15/2013	8/15/2023	1,955,000	2.250	8/15/2021	100.00
2013	3/15/2013	8/15/2024	1,955,000	2.250	8/15/2021	100.00
2013	3/15/2013	8/15/2025	2,000,000	2.500	8/15/2021	100.00
2013	3/15/2013	8/15/2028	2,000,000	3.250	8/15/2021	100.00
2013	3/15/2013	8/15/2029	2,000,000	3.000	8/15/2021	100.00
2013	3/15/2013	8/15/2030	2,000,000	3.000	8/15/2021	100.00
2013	3/15/2013	8/15/2031	1,970,000	3.100	8/15/2021	100.00
2013	3/15/2013	8/15/2032	1,950,000	3.500	8/15/2021	100.00
			17,585,000			

General Obligation Bonds, Issue of 2014

Issue	Dated Date	Maturity Date	Amount Outstanding	Interest Rate	Redemption Date	Redemption Price
2014	3/17/2014	3/15/2024	875,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2025	875,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2026	920,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2027	925,000	3.000	3/15/2022	100.00
2014	3/17/2014	3/15/2028	925,000	3.200	3/15/2022	100.00
2014	3/17/2014	3/15/2029	925,000	3.250	3/15/2022	100.00
2014	3/17/2014	3/15/2030	925,000	3.500	3/15/2022	100.00
2014	3/17/2014	3/15/2031	925,000	3.625	3/15/2022	100.00
2014	3/17/2014	3/15/2032	940,000	3.750	3/15/2022	100.00
2014	3/17/2014	3/15/2033	940,000	3.875	3/15/2022	100.00
2014	3/17/2014	3/15/2034	940,000	3.875	3/15/2022	100.00
			$10,115,000			
		Total.....	$27,700,000			

Upon delivery of the Bonds, a portion of proceeds of the Bonds will be placed in an irrevocable escrow fund (the "Escrow Deposit Fund") established with U.S. Bank National Association, as escrow agent (the "Escrow Agent") under an Escrow Agreement (the "Escrow Agreement") dated as of the date of delivery of the Bonds, between the Escrow Agent and the Town. The Escrow Agent will use such proceeds to purchase a portfolio of non-callable direct obligations guaranteed by the government of the United States of America, including United States Treasury State and Local Government Series ("SLGS") securities, Federal National Mortgage Association ("FNMA") securities and any other securities permitted by Section 7-400 of the Connecticut General Statutes, all of which shall not be callable or prepayable at the option of the issuer of the securities (the "Escrow Securities"), the principal of and interest on which, when due, will provide amounts sufficient to pay the principal, interest and redemption premium on the Refunded Bonds to the redemption dates or maturity (the "Escrow Requirements"). All investment income on and maturing principal of the Escrow Securities held in the Escrow Deposit Fund and needed to pay the principal, interest and redemption premium on the Refunded Bonds will be irrevocably deposited by the Town for payment of the Refunded Bonds. The balance of the proceeds of the Bonds will be used to pay costs of issuance and Underwriter's discount.

2020 Refund 2013 & 2014 Refund

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Dated Date	12/30/2020
Delivery Date	12/30/2020

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
02/15/2021			43,932.19	43,932.19	
06/30/2021					43,932.19
08/15/2021			175,728.75	175,728.75	
02/15/2022			175,728.75	175,728.75	
06/30/2022					351,457.50
08/15/2022	1,180,000	0.290%	175,728.75	1,355,728.75	
02/15/2023			174,017.75	174,017.75	
06/30/2023					1,529,746.50
08/15/2023	3,195,000	0.370%	174,017.75	3,369,017.75	
02/15/2024			168,107.00	168,107.00	
06/30/2024					3,537,124.75
08/15/2024	3,135,000	0.620%	168,107.00	3,303,107.00	
02/15/2025			158,388.50	158,388.50	
06/30/2025					3,461,495.50
08/15/2025	3,180,000	0.780%	158,388.50	3,338,388.50	
02/15/2026			145,986.50	145,986.50	
06/30/2026					3,484,375.00
08/15/2026	1,150,000	1.030%	145,986.50	1,295,986.50	
02/15/2027			140,064.00	140,064.00	
06/30/2027					1,436,050.50
08/15/2027	1,135,000	1.190%	140,064.00	1,275,064.00	
02/15/2028			133,310.75	133,310.75	
06/30/2028					1,408,374.75
08/15/2028	3,100,000	1.470%	133,310.75	3,233,310.75	
02/15/2029			110,525.75	110,525.75	
06/30/2029					3,343,836.50
08/15/2029	3,055,000	1.570%	110,525.75	3,165,525.75	
02/15/2030			86,544.00	86,544.00	
06/30/2030					3,252,069.75
08/15/2030	3,015,000	1.670%	86,544.00	3,101,544.00	
02/15/2031			61,368.75	61,368.75	
06/30/2031					3,162,912.75
08/15/2031	2,950,000	1.750%	61,368.75	3,011,368.75	
02/15/2032			35,556.25	35,556.25	
06/30/2032					3,046,925.00
08/15/2032	2,890,000	1.850%	35,556.25	2,925,556.25	
02/15/2033			8,823.75	8,823.75	
06/30/2033					2,934,380.00
08/15/2033	905,000	1.950%	8,823.75	913,823.75	
06/30/2034					913,823.75
	28,890,000		3,016,504.44	31,906,504.44	31,906,504.44

PROOF OF ARBITRAGE YIELD

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Date	Debt Service	Total	Present Value to 12/30/2020 @ 1.4572961436%
02/15/2021	43,932.19	43,932.19	43,852.52
08/15/2021	175,728.75	175,728.75	174,141.21
02/15/2022	175,728.75	175,728.75	172,881.51
08/15/2022	1,355,728.75	1,355,728.75	1,324,114.49
02/15/2023	174,017.75	174,017.75	168,730.38
08/15/2023	3,369,017.75	3,369,017.75	3,243,022.95
02/15/2024	168,107.00	168,107.00	160,649.55
08/15/2024	3,303,107.00	3,303,107.00	3,133,742.84
02/15/2025	158,388.50	158,388.50	149,180.26
08/15/2025	3,338,388.50	3,338,388.50	3,121,559.22
02/15/2026	145,986.50	145,986.50	135,517.19
08/15/2026	1,295,986.50	1,295,986.50	1,194,343.28
02/15/2027	140,064.00	140,064.00	128,145.16
08/15/2027	1,275,064.00	1,275,064.00	1,158,122.95
02/15/2028	133,310.75	133,310.75	120,208.41
08/15/2028	3,233,310.75	3,233,310.75	2,894,437.11
02/15/2029	110,525.75	110,525.75	98,226.15
08/15/2029	3,165,525.75	3,165,525.75	2,792,907.24
02/15/2030	86,544.00	86,544.00	75,804.44
08/15/2030	3,101,544.00	3,101,544.00	2,697,010.26
02/15/2031	61,368.75	61,368.75	52,978.41
08/15/2031	3,011,368.75	3,011,368.75	2,580,848.91
02/15/2032	35,556.25	35,556.25	30,252.52
08/15/2032	2,925,556.25	2,925,556.25	2,471,161.24
02/15/2033	8,823.75	8,823.75	7,399.34
08/15/2033	913,823.75	913,823.75	760,762.44
	31,906,504.44	31,906,504.44	28,890,000.00

Proceeds Summary

Delivery date	12/30/2020
Par Value	28,890,000.00
Target for yield calculation	28,890,000.00

SAVINGS

Town of Waterford, Connecticut
General Obligation Refunding Bonds, Series 2020B (Federally Taxable)

Date	Prior Debt Service	Refunding Debt Service	Savings	Present Value to 12/30/2020 @ 1.4572961%
06/30/2021	414,456.88	43,932.19	370,524.69	369,646.67
06/30/2022	828,913.76	351,457.50	477,456.26	471,023.82
06/30/2023	2,566,363.76	1,529,746.50	1,036,617.26	1,010,467.74
06/30/2024	3,601,820.01	3,537,124.75	64,695.26	53,335.62
06/30/2025	3,531,582.51	3,461,495.50	70,087.01	57,886.39
06/30/2026	3,548,338.76	3,484,375.00	63,963.76	51,175.07
06/30/2027	1,500,738.76	1,436,050.50	64,688.26	51,149.35
06/30/2028	1,472,988.76	1,408,374.75	64,614.01	50,421.74
06/30/2029	3,410,888.76	3,343,836.50	67,052.26	52,068.28
06/30/2030	3,318,326.26	3,252,069.75	66,256.51	50,781.93
06/30/2031	3,225,951.26	3,162,912.75	63,038.51	47,417.71
06/30/2032	3,116,885.00	3,046,925.00	69,960.00	52,725.55
06/30/2033	2,996,975.00	2,934,380.00	62,595.00	45,933.17
06/30/2034	976,425.00	913,823.75	62,601.25	45,369.31
	34,510,654.48	31,906,504.44	2,604,150.04	2,409,402.34

Savings Summary

PV of savings from cash flow	2,409,402.34
Plus: Refunding funds on hand	3,869.32
Net PV Savings	2,413,271.66

Municipal Complex

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Bonds, Series 2020
FINAL NUMBERS

Period Ending	Principal	Coupon	Interest	Debt Service
06/30/2021			306,175.56	306,175.56
06/30/2022	685,000	5.000%	457,975.00	1,142,975.00
06/30/2023	685,000	5.000%	423,725.00	1,108,725.00
06/30/2024	685,000	5.000%	389,475.00	1,074,475.00
06/30/2025	685,000	5.000%	355,225.00	1,040,225.00
06/30/2026	685,000	5.000%	320,975.00	1,005,975.00
06/30/2027	685,000	5.000%	286,725.00	971,725.00
06/30/2028	685,000	5.000%	252,475.00	937,475.00
06/30/2029	685,000	5.000%	218,225.00	903,225.00
06/30/2030	685,000	4.000%	187,400.00	872,400.00
06/30/2031	685,000	3.000%	163,425.00	848,425.00
06/30/2032	685,000	3.000%	142,875.00	827,875.00
06/30/2033	680,000	3.000%	122,400.00	802,400.00
06/30/2034	680,000	2.000%	105,400.00	785,400.00
06/30/2035	680,000	2.000%	91,800.00	771,800.00
06/30/2036	680,000	2.000%	78,200.00	758,200.00
06/30/2037	680,000	2.000%	64,600.00	744,600.00
06/30/2038	680,000	2.125%	50,575.00	730,575.00
06/30/2039	680,000	2.125%	36,125.00	716,125.00
06/30/2040	680,000	2.125%	21,675.00	701,675.00
06/30/2041	680,000	2.125%	7,225.00	687,225.00
	13,655,000		4,082,675.56	17,737,675.56

Municipal Complex

BOND DEBT SERVICE

Town of Waterford, Connecticut
General Obligation Bonds, Series 2020
FINAL NUMBERS

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
03/15/2021			306,175.56	306,175.56	
06/30/2021					306,175.56
09/15/2021	685,000	5.000%	237,550.00	922,550.00	
03/15/2022			220,425.00	220,425.00	
06/30/2022					1,142,975.00
09/15/2022	685,000	5.000%	220,425.00	905,425.00	
03/15/2023			203,300.00	203,300.00	
06/30/2023					1,108,725.00
09/15/2023	685,000	5.000%	203,300.00	888,300.00	
03/15/2024			186,175.00	186,175.00	
06/30/2024					1,074,475.00
09/15/2024	685,000	5.000%	186,175.00	871,175.00	
03/15/2025			169,050.00	169,050.00	
06/30/2025					1,040,225.00
09/15/2025	685,000	5.000%	169,050.00	854,050.00	
03/15/2026			151,925.00	151,925.00	
06/30/2026					1,005,975.00
09/15/2026	685,000	5.000%	151,925.00	836,925.00	
03/15/2027			134,800.00	134,800.00	
06/30/2027					971,725.00
09/15/2027	685,000	5.000%	134,800.00	819,800.00	
03/15/2028			117,675.00	117,675.00	
06/30/2028					937,475.00
09/15/2028	685,000	5.000%	117,675.00	802,675.00	
03/15/2029			100,550.00	100,550.00	
06/30/2029					903,225.00
09/15/2029	685,000	4.000%	100,550.00	785,550.00	
03/15/2030			86,850.00	86,850.00	
06/30/2030					872,400.00
09/15/2030	685,000	3.000%	86,850.00	771,850.00	
03/15/2031			76,575.00	76,575.00	
06/30/2031					848,425.00
09/15/2031	685,000	3.000%	76,575.00	761,575.00	
03/15/2032			66,300.00	66,300.00	
06/30/2032					827,875.00
09/15/2032	680,000	3.000%	66,300.00	746,300.00	
03/15/2033			56,100.00	56,100.00	
06/30/2033					802,400.00
09/15/2033	680,000	2.000%	56,100.00	736,100.00	
03/15/2034			49,300.00	49,300.00	
06/30/2034					785,400.00
09/15/2034	680,000	2.000%	49,300.00	729,300.00	
03/15/2035			42,500.00	42,500.00	
06/30/2035					771,800.00
09/15/2035	680,000	2.000%	42,500.00	722,500.00	
03/15/2036			35,700.00	35,700.00	
06/30/2036					758,200.00
09/15/2036	680,000	2.000%	35,700.00	715,700.00	
03/15/2037			28,900.00	28,900.00	
06/30/2037					744,600.00
09/15/2037	680,000	2.125%	28,900.00	708,900.00	
03/15/2038			21,675.00	21,675.00	
06/30/2038					730,575.00
09/15/2038	680,000	2.125%	21,675.00	701,675.00	
03/15/2039			14,450.00	14,450.00	
06/30/2039					716,125.00
09/15/2039	680,000	2.125%	14,450.00	694,450.00	
03/15/2040			7,225.00	7,225.00	
06/30/2040					701,675.00
09/15/2040	680,000	2.125%	7,225.00	687,225.00	
06/30/2041					687,225.00
	13,655,000		4,082,675.56	17,737,675.56	17,737,675.56

HilltopSecurities
A Hilltop Holdings Company

BOND DEBT SERVICE

Waterford Outstanding Debt Post 2019 Refunding

Period Ending	Principal	Coupon	Interest	Debt Service
06/30/2021	5,060,000	** %	2,344,370.57	7,404,370.57
06/30/2022	5,155,000	** %	2,114,113.76	7,269,113.76
06/30/2023	5,200,000	** %	1,925,351.26	7,125,351.26
06/30/2024	5,400,000	** %	1,738,470.01	7,138,470.01
06/30/2025	5,605,000	** %	1,534,607.51	7,139,607.51
06/30/2026	5,700,000	** %	1,322,488.76	7,022,488.76
06/30/2027	5,485,000	** %	1,086,388.76	6,571,388.76
06/30/2028	4,650,000	** %	851,513.76	5,501,513.76
06/30/2029	4,910,000	** %	656,588.76	5,566,588.76
06/30/2030	4,560,000	** %	491,626.26	5,051,626.26
06/30/2031	4,565,000	** %	333,751.26	4,898,751.26
06/30/2032	2,910,000	** %	206,885.00	3,116,885.00
06/30/2033	2,890,000	** %	106,975.00	2,996,975.00
06/30/2034	940,000	3.875%	36,425.00	976,425.00
	63,030,000		14,749,555.67	77,779,555.67

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
2012 General Obligation Bonds - Post 2019 Refunding

Bond Component

Period Ending	Principal	Interest	Debt Service	Annual Debt Service
	0	0	0	0

2019 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$9,085,000 General Obligation Bonds, Series 2019
Final Numbers

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	655,000	4.000%	245,844.31	900,844.31	
02/01/2021			196,625.00	196,625.00	
06/30/2021					1,097,469.31
08/01/2021	700,000	5.000%	196,625.00	896,625.00	
02/01/2022			179,125.00	179,125.00	
06/30/2022					1,075,750.00
08/01/2022	715,000	5.000%	179,125.00	894,125.00	
02/01/2023			161,250.00	161,250.00	
06/30/2023					1,055,375.00
08/01/2023	675,000	5.000%	161,250.00	836,250.00	
02/01/2024			144,375.00	144,375.00	
06/30/2024					980,625.00
08/01/2024	855,000	5.000%	144,375.00	999,375.00	
02/01/2025			123,000.00	123,000.00	
06/30/2025					1,122,375.00
08/01/2025	870,000	5.000%	123,000.00	993,000.00	
02/01/2026			101,250.00	101,250.00	
06/30/2026					1,094,250.00
08/01/2026	885,000	5.000%	101,250.00	986,250.00	
02/01/2027			79,125.00	79,125.00	
06/30/2027					1,065,375.00
08/01/2027	905,000	5.000%	79,125.00	984,125.00	
02/01/2028			56,500.00	56,500.00	
06/30/2028					1,040,625.00
08/01/2028	915,000	4.000%	56,500.00	971,500.00	
02/01/2029			38,200.00	38,200.00	
06/30/2029					1,009,700.00
08/01/2029	950,000	4.000%	38,200.00	988,200.00	
02/01/2030			19,200.00	19,200.00	
06/30/2030					1,007,400.00
08/01/2030	960,000	4.000%	19,200.00	979,200.00	
06/30/2031					979,200.00
	9,085,000		2,443,144.31	11,528,144.31	11,528,144.31

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
GO Bonds, Issue of 2011 - Post 2017 Refunding

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	735,000	2.500%	9,187.50	744,187.50	
06/30/2021					744,187.50
	735,000		9,187.50	744,187.50	744,187.50

2017 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$14,585,000 General Obligation Refunding Bonds, Issue of 2017

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/01/2020	325,000	3.000%	317,575	642,575	
02/01/2021			312,700	312,700	
06/30/2021					955,275
08/01/2021	1,050,000	3.000%	312,700	1,362,700	
02/01/2022			296,950	296,950	
06/30/2022					1,659,650
08/01/2022	1,055,000	5.000%	296,950	1,351,950	
02/01/2023			270,575	270,575	
06/30/2023					1,622,525
08/01/2023	1,070,000	5.000%	270,575	1,340,575	
02/01/2024			243,825	243,825	
06/30/2024					1,584,400
08/01/2024	1,085,000	5.000%	243,825	1,328,825	
02/01/2025			216,700	216,700	
06/30/2025					1,545,525
08/01/2025	1,070,000	5.000%	216,700	1,286,700	
02/01/2026			189,950	189,950	
06/30/2026					1,476,650
08/01/2026	2,830,000	5.000%	189,950	3,019,950	
02/01/2027			119,200	119,200	
06/30/2027					3,139,150
08/01/2027	2,820,000	5.000%	119,200	2,939,200	
02/01/2028			48,700	48,700	
06/30/2028					2,987,900
08/01/2028	1,070,000	4.000%	48,700	1,118,700	
02/01/2029			27,300	27,300	
06/30/2029					1,146,000
08/01/2029	685,000	4.000%	27,300	712,300	
02/01/2030			13,600	13,600	
06/30/2030					725,900
08/01/2030	680,000	4.000%	13,600	693,600	
06/30/2031					693,600
	13,740,000		3,796,575	17,536,575	17,536,575

2014 Refunding

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$9,440,000 General Obligation Refunding Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/15/2020	840,000	5.000%	130,637.50	970,637.50	
02/15/2021			109,637.50	109,637.50	
06/30/2021					1,080,275.00
08/15/2021	835,000	3.000%	109,637.50	944,637.50	
02/15/2022			97,112.50	97,112.50	
06/30/2022					1,041,750.00
08/15/2022	830,000	3.250%	97,112.50	927,112.50	
02/15/2023			83,625.00	83,625.00	
06/30/2023					1,010,737.50
08/15/2023	825,000	5.000%	83,625.00	908,625.00	
02/15/2024			63,000.00	63,000.00	
06/30/2024					971,625.00
08/15/2024	835,000	5.000%	63,000.00	898,000.00	
02/15/2025			42,125.00	42,125.00	
06/30/2025					940,125.00
08/15/2025	840,000	5.000%	42,125.00	882,125.00	
02/15/2026			21,125.00	21,125.00	
06/30/2026					903,250.00
08/15/2026	845,000	5.000%	21,125.00	866,125.00	
06/30/2027					866,125.00
	5,850,000		963,887.50	6,813,887.50	6,813,887.50

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$15,930,000 General Obligation Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
09/15/2020			214,734.38	214,734.38	
03/15/2021	750,000	4.000%	214,734.38	964,734.38	
06/30/2021					1,179,468.76
09/15/2021			199,734.38	199,734.38	
03/15/2022	815,000	4.000%	199,734.38	1,014,734.38	
06/30/2022					1,214,468.76
09/15/2022			183,434.38	183,434.38	
03/15/2023	845,000	3.000%	183,434.38	1,028,434.38	
06/30/2023					1,211,868.76
09/15/2023			170,759.38	170,759.38	
03/15/2024	875,000	3.000%	170,759.38	1,045,759.38	
06/30/2024					1,216,518.76
09/15/2024			157,634.38	157,634.38	
03/15/2025	875,000	3.000%	157,634.38	1,032,634.38	
06/30/2025					1,190,268.76
09/15/2025			144,509.38	144,509.38	
03/15/2026	920,000	3.000%	144,509.38	1,064,509.38	
06/30/2026					1,209,018.76
09/15/2026			130,709.38	130,709.38	
03/15/2027	925,000	3.000%	130,709.38	1,055,709.38	
06/30/2027					1,186,418.76
09/15/2027			116,834.38	116,834.38	
03/15/2028	925,000	3.200%	116,834.38	1,041,834.38	
06/30/2028					1,158,668.76
09/15/2028			102,034.38	102,034.38	
03/15/2029	925,000	3.250%	102,034.38	1,027,034.38	
06/30/2029					1,129,068.76
09/15/2029			87,003.13	87,003.13	
03/15/2030	925,000	3.500%	87,003.13	1,012,003.13	
06/30/2030					1,099,006.26
09/15/2030			70,815.63	70,815.63	
03/15/2031	925,000	3.625%	70,815.63	995,815.63	
06/30/2031					1,066,631.26
09/15/2031			54,050.00	54,050.00	
03/15/2032	940,000	3.750%	54,050.00	994,050.00	
06/30/2032					1,048,100.00
09/15/2032			36,425.00	36,425.00	
03/15/2033	940,000	3.875%	36,425.00	976,425.00	

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$15,930,000 General Obligation Bonds, Issue of 2014

Bond Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
06/30/2033					1,012,850.00
09/15/2033			18,212.50	18,212.50	
03/15/2034	940,000	3.875%	18,212.50	958,212.50	
06/30/2034					976,425.00
	12,525,000		3,373,781.36	15,898,781.36	15,898,781.36

DETAILED BOND DEBT SERVICE

Town of Waterford, Connecticut
$33,750,000 Genarl Obligation Bonds, Issue of 2013 - Post 2017 Refunding

Serial Component

Period Ending	Principal	Coupon	Interest	Debt Service	Annual Debt Service
08/15/2020	1,755,000	4.000%	313,897.50	2,068,897.50	
02/15/2021			278,797.50	278,797.50	
06/30/2021					2,347,695.00
08/15/2021	1,755,000	4.000%	278,797.50	2,033,797.50	
02/15/2022			243,697.50	243,697.50	
06/30/2022					2,277,495.00
08/15/2022	1,755,000	2.000%	243,697.50	1,998,697.50	
02/15/2023			226,147.50	226,147.50	
06/30/2023					2,224,845.00
08/15/2023	1,955,000	2.250%	226,147.50	2,181,147.50	
02/15/2024			204,153.75	204,153.75	
06/30/2024					2,385,301.25
08/15/2024	1,955,000	2.250%	204,153.75	2,159,153.75	
02/15/2025			182,160.00	182,160.00	
06/30/2025					2,341,313.75
08/15/2025	2,000,000	2.500%	182,160.00	2,182,160.00	
02/15/2026			157,160.00	157,160.00	
06/30/2026					2,339,320.00
08/15/2026			157,160.00	157,160.00	
02/15/2027			157,160.00	157,160.00	
06/30/2027					314,320.00
08/15/2027			157,160.00	157,160.00	
02/15/2028			157,160.00	157,160.00	
06/30/2028					314,320.00
08/15/2028	2,000,000	3.250%	157,160.00	2,157,160.00	
02/15/2029			124,660.00	124,660.00	
06/30/2029					2,281,820.00
08/15/2029	2,000,000	3.000%	124,660.00	2,124,660.00	
02/15/2030			94,660.00	94,660.00	
06/30/2030					2,219,320.00
08/15/2030	2,000,000	3.000%	94,660.00	2,094,660.00	
02/15/2031			64,660.00	64,660.00	
06/30/2031					2,159,320.00
08/15/2031	1,970,000	3.100%	64,660.00	2,034,660.00	
02/15/2032			34,125.00	34,125.00	
06/30/2032					2,068,785.00
08/15/2032	1,950,000	3.500%	34,125.00	1,984,125.00	
06/30/2033					1,984,125.00
	21,095,000		4,162,980.00	25,257,980.00	25,257,980.00