

City of Torrington

Department of Public Works

Infrastructure Project Status Report

October 2023

City of Torrington



PUBLIC WORKS DEPARTMENT Raymond E. Drew., Public Works Director Email: ray_drew@torringtonct.org 140 Main Street • City Hall Torrington, CT 06790-5245 (860) 489-2232 • Fax: (860) 489-2550

MEMORANDUM

TO: Mayor, City Council & Water Pollution Control Authority

FROM: Ray Drew, Public Works Director

DATE: 10/2/2023

RE: Infrastructure Improvements Project Status Report

As requested, please find enclosed a status update report for various Public Works Projects that have recently been completed are in progress or are scheduled. As always, our department heads are available should you have any questions or would like more information.

Respectfully, Ray Drew

DEPARTMENT OF PUBLIC WORKS

Infrastructure Improvement Projects

October 2023

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92	Secondary Scum Reroute piping	WPCA
93	Toro Siphon project	WPCA
94	Winsted Rd Forced Main project	WPCA



DEPARTMENT:	Engineering	PROJECT ID:	143-194		
PROJECT TITLE:	Route 202 - (East Main Street) Sidewalk Project - Phase 1				
PROJECT LOCATION:	Route 202 - East Main Street from	om Fern Drive to Tor	ringford West Street	i	
PROJECT DESCRIPTION					
Construction of new concrete sidewalks and curbing along the north side of Route 202 - East Main Street including driveway aprons, catch basin tops, traffic signal modifications and associated miscellaneous work from Fern Drive to Torringford West Street.					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark	
PROJECT COST	ESTIMATED COST:	FUNDING SOUR		_	
1. Planning/Study		City of Torringto		╛	
2. Design		City of Torringto	n Engr Dept	<u>_</u>	
3. Property		City of Torringto	n Engr Dept		
4. Construction	\$ 770,000.00	State of CT RG	TOD Grant Progran	n	
5. Equipment		N/A		Ī	
6. Other Costs				Ī	
TOTAL	\$ 770,000.00			_	
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN CO	MPLETION:	7/1/2022	
CONSTRUCTION		CONSTRUCTION	I STΔRT·	5/8/2023	
CONTRACTOR:	Costa & Son, LLC	CONSTRUCTION		10/20/2023	
EQUIPMENT		DELIVERY DATE	:		
SUPPLIER:					
	COM	MENTS			
Project under construction. Project is 70% completed from Fern Drive to Hartford Ave. Construction continues from Hartford Ave to Tucker Drive.					



DEPARTMENT:	Engineering	PROJECT ID:	2022.1			
PROJECT TITLE:	CNR 027-040721: City South R	CNR 027-040721: City South Reconstruction Phase 2022.1				
PROJECT LOCATION:	Various roads in south end Torri	ington				
	PROJECT DESCRI	PTION				
Full depth milling, grading, and paving approximately 1 mile of roads including new curbing, sidewalks, driveway aprons, installation of new drainage, adjustment of catch basin tops and associated miscellaneous work for the following roads: Linden Street, Palmer Bridge Street, Scoville Street, South Chapel Street, Clarence Street and crossing and intersecting streets as necessary for incidental work.						
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	ı 🗸		
PROJECT COST 1. Planning/Study 2. Design	ESTIMATED COST:	FUNDING SOUR	CE:			
3. Property						
4. Construction	\$ 1,362,326.57	City of Torringto	n - Bond			
5. Equipment	\$ 35,528.81	N/A	and increation			
6. Other Costs TOTAL	\$ 1,397,855.38	Asphalt testing a	and inspection	_		
IOIAL	ψ 1,391,033.30					
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN CO	MPLETION:	4/1/2022		
CONSTRUCTION CONTRACTOR:	Asphalt Repair Solutions, Inc.	CONSTRUCTION CONSTRUCTION		7/18/2022 6/30/2023		
				0/00/2020		
EQUIPMENT SUPPLIER:		DELIVERY DATE	•			
	COMI	MENTS				
Project is substantially	complete. Within warranty period					



DEPARTMENT:	Engineering	PROJECT ID:	2022.2		
PROJECT TITLE:	TER-027-052622: Torringford East Reconstruction Various Roads				
PROJECT LOCATION:	Various roads in Torringford Ea	st Side (listed below)			
PROJECT DESCRIPTION					
Full depth milling, grading, and paving approximately 1 mile of roads including new curbing, driveway aprons, drainage & manhole repairs, adjustment of catch basin & manhole tops and associated miscellaneous work for the following roads: Augustyn Court, Belmont Drive, Breezy Hill Road, Carmody Court, Gaylord Lane, Limestone Drive, Loretta Road, Rock Creek Lane, and Tunxis Lane and crossing and intersecting streets as necessary for incidental work					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark	
DDOLLCT COST	ESTIMATED COST:	FUNDING SOUR	CF.		
PROJECT COST 1. Planning/Study	ESTIMATED COST.	City of Torrington			
2. Design		City of Torrington			
3. Property		City of Torrington			
4. Construction	\$ 1,365,754.96	City of Torrington			
5. Equipment	¥ 1,000,10 1100	N/A			
6. Other Costs	\$ 64,340.12	Asphalt testing a	and inspection		
TOTAL	\$ 1,434,655.51		•	l	
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN COM	MPLETION:	4/1/2022	
CONSTRUCTION		CONSTRUCTION	START:	7/11/2023	
CONTRACTOR:	PAC Group	CONSTRUCTION		6/30/2023	
EQUIPMENT		DELIVERY DATE:			
SUPPLIER:					
	СОМ	MENTS			
The project is substan	tially complete. Within warranty p	eriod.			



DEPARTMENT:	Engineering	PROJECT ID: 2022.3				
PROJECT TITLE:	MOP 027-052422: Milling and Overlay of Various Roads - Phase 2022.3					
PROJECT LOCATION:	Various roads in West side Torr	Various roads in West side Torrington (listed below)				
PROJECT DESCRIPTION						
The project work includes milling and paving of various roads including driveway aprons, resetting manhole and catch basin tops, and associated miscellaneous work. Roads include; Aetna Avenue, Litchfield Street, Maple Street, Wyoming Avenue, and Zappulla Drive.						
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRUC	TION 🗸			
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:				
1. Planning/Study		City of Torrington Engr Dept				
2. Design		City of Torrington Engr Dept				
3. Property		City of Torrington Engr Dept				
4. Construction	\$ 723,738.55	City of Torrington - Bond				
5. Equipment		N/A				
6. Other Costs	\$ 30,978.60	Asphalt testing and inspection				
TOTAL	\$ 754,717.15					
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN COMPLETION:	4/1/2022			
CONSTRUCTION	D100	CONSTRUCTION START:	7/25/2022			
CONTRACTOR:	PAC Group	CONSTRUCTION END:	12/1/2022			
EQUIPMENT		DELIVERY DATE:				
SUPPLIER:						
	COM	MENTS				
The project is substan	tially complete. Within warranty p	eriod.				



DEPARTMENT:	Engineering	PROJECT ID: 2022.5.1			
PROJECT TITLE:	CIR 027-052522: Cold-In-Place Recycling Various Roads Phase 2022.5.1				
PROJECT LOCATION:	Various roads in East side Torrir	ngton			
PROJECT DESCRIPTION					
The project work includes the Cold-In-Place pavement recycling process of paving of approximately 2.2 miles of various roads and associated miscellaneous work. Roads include; Albany Street (portion), Beverly Road, Buena Vista Avenue, Clearview Avenue, Elmira Avenue, and Whitewood Road.					
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRUCTION	N 🗸		
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:			
1. Planning/Study		City of Torrington Engr Dept			
2. Design		City of Torrington Engr Dept			
3. Property		City of Torrington Engr Dept			
4. Construction	\$ 734,667.58	City of Torrington - Bond			
5. Equipment		N/A			
6. Other Costs	\$ 24,266.66	Asphalt testing and inspection			
TOTAL	\$ 758,967.24				
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN COMPLETION:			
CONSTRUCTION		CONSTRUCTION START:	7/5/2022		
CONTRACTOR:	Sealcoating Inc. dba Indus	CONSTRUCTION END:	9/16/2022		
EQUIPMENT		DELIVERY DATE:			
SUPPLIER:					
		MENTS			
The project is substantially complete. Within warranty period.					



DEPARTMENT:	Engineering	PROJECT ID:	2022.5.2		
PROJECT TITLE:	PVR 027-052522: Paving of Various Roads Phase 2022.5.2				
PROJECT LOCATION:	Various roads in East side Torri	ngton			
PROJECT DESCRIPTION					
The project work includes overlay paving of approximately 2.4 miles of various roads and associated miscellaneous work in conjunction with the Cold-In-Place Recycling project. Roads include; Albany Street, Beverly Road, Buena Vista Avenue, Clearview Avenue, Davis Street, Elmira Avenue, and Whitewood Road.					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	I	
PROJECT COST	ESTIMATED COST:	FUNDING SOUR		_	
1. Planning/Study		City of Torringto		_	
2. Design		City of Torringto	n Engr Dept	╛	
3. Property		City of Torringto	n Engr Dept		
4. Construction	\$ 626,022.77	City of Torringto	n - Bond		
5. Equipment		N/A			
6. Other Costs	\$ 22,724.70	Asphalt testing	and inspection		
TOTAL	\$ 648,747.47				
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN CO	MPLETION:		
CONSTRUCTION	DAC Craves	CONSTRUCTION	I START:	7/11/2022	
CONTRACTOR:	PAC Group	CONSTRUCTION	I END:	12/1/2022	
EQUIPMENT		DELIVERY DATE	:		
SUPPLIER:					
	СОМ	MENTS			
The project is substantially complete. Within warranty period.					



DEPARTMENT:	Engineering	PROJECT ID:	2022.7		
PROJECT TITLE:	PSR-027-080322: Pine Street Reconstruction - Project 2022.7				
PROJECT LOCATION:	Pine Street				
PROJECT DESCRIPTION					
The work includes full depth excavation, grading, and paving approximately one thousand feet of road including new curbing, sidewalks, driveway aprons, catch basins, reset manholes and catch basin tops, and associated miscellaneous work to reconstruct Pine Street.					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark	
PROJECT COST 1. Planning/Study	ESTIMATED COST:	FUNDING SOUR City of Torringto		٦	
		City of Torringto		╡	
2. Design				_	
3. Property		City of Torringto		_	
4. Construction	\$ 331,157.29	City of Torringto	n - Bond	<u>_</u>	
5. Equipment		N/A			
6. Other Costs	\$ 5,790.92	Asphalt testing a	and inspection]	
TOTAL	\$ 336,948.21			_	
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN COI	MPLETION:	7/1/2022	
CONSTRUCTION		CONSTRUCTION	I START:	9/9/2022	
CONTRACTOR:	J. lapaluccio Inc	CONSTRUCTION		12/1/2022	
EQUIPMENT		DELIVERY DATE	:		
SUPPLIER:					
	COMMENTS				
The project is substan	tially completed. Within warranty	period.			

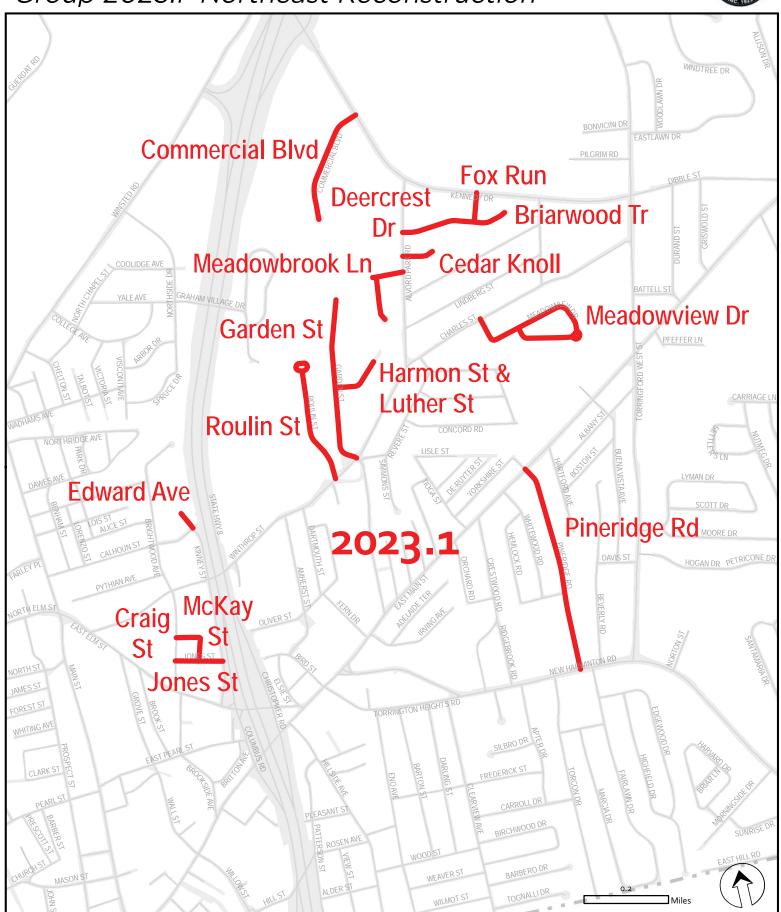


DEPARTMENT:	Engineering	PROJECT ID:	2023.1	
PROJECT TITLE:	NER-027-022823: Northeast R	econstruction Project	: 2023.1	
PROJECT LOCATION:	Various roads in Torrington Nor	th East (listed below)		
	PROJECT DESCRI	PTION		
Work inlcudes milling and paving of the existing pavement, replace existing catch basins, reset catch basin and manhole tops, repair existing driveway aprons, traffic markings & signs, lawn restoration, and associated miscellaneous work. The roads included in this contract are: Briarwood Trail, Cedar Knoll, Commercial Boulevard, Deercrest Drive, Fox Run, Garden Street, Harmon Street, Luther Street, Meadowbrook Lane, Meadowview Drive, Pineridge Road, Roulin Street, and Silano Drive.				
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	_	
1. Planning/Study		City of Torringto	<u> </u>	
2. Design		City of Torringto	n Engr Dept	
3. Property		City of Torringto	n Engr Dept	
4. Construction	\$ 1,780,000.00	City of Torringto	n - Bond	
5. Equipment		N/A		
6. Other Costs	\$ 40,000.00	Asphalt testing a	and inspection	
TOTAL	\$ 1,820,000.00			
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN CO	MPLETION:	1/15/2023
CONSTRUCTION		CONSTRUCTION	I START:	5/17/2023
CONTRACTOR:	Burns Construction Co, Inc	CONSTRUCTION	I END:	11/1/2023
EQUIPMENT		DELIVERY DATE	:	
SUPPLIER:			•	
	СОМ	MENTS		
Project under construction. Project is 95% completed with all roads paved. Anticipated substantial completion prior to 11/1/2023.				

2023 BONDING ROADS City Group 2023.1 Northeast Reconstruction

City of Torrington, CT







DEPARTMENT:	Engineering	PROJECT ID:	2023.3		
PROJECT TITLE:	Project 2023.3 - Migeon Avenue Reconstruction				
PROJECT LOCATION:	Migeon Avenue - Church St to North Elm Street (Route 4)				
PROJECT DESCRIPTION					
Rehabilitation fo approximately 4,150 feet of Migeon Avenue from Church Street to North Elm Street (Route 4) which will include full depth roadway reconstruction, concrete and bituminous sidewalk replacements, walking and bicycling trail, curbing, aprons, catch basins, sanitary manhole frames and covers, signage, traffic loops and other miscellaneous works.					
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING	CONSTRUCTION		
PROJECT COST 1. Planning/Study 2. Design 3. Property 4. Construction 5. Equipment 6. Other Costs	\$ 150,000.00 \$ 2,407,000.00 \$ 236,800.00	City of Torringto LoTCIP & City of Contingencies			
TOTAL DESIGN ENGINEER: CONSTRUCTION CONTRACTOR: EQUIPMENT SUPPLIER:	\$ 2,793,800.00 SLR International Corporation TBA	EST DESIGN CONSTRUCTION CONSTRUCTION DELIVERY DATE	5/1/2024 11/15/2024		
Drainet in design phas		MENTS	ommitment TDD		
Froject in design phas	e - 60% complete. Funding is pen	unig State LUTCIP Co	ommunent IDD.		



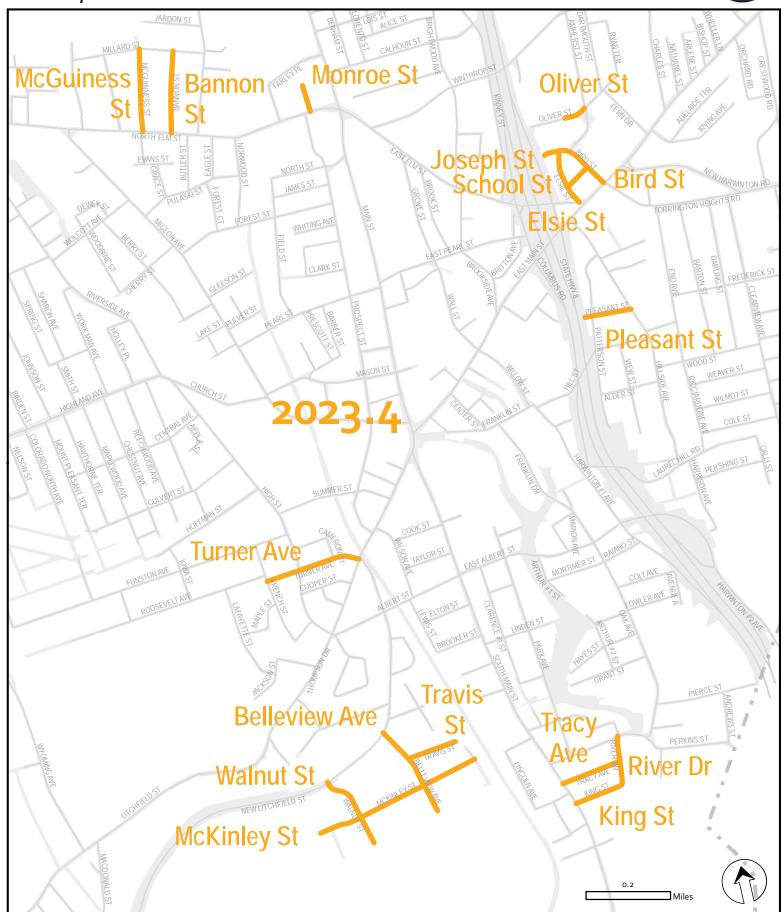
DEPARTMENT:	Engineering	PROJECT ID:	2023.4.1		
PROJECT TITLE:	VCS-027-032223: Replacement of Various Curbs and Sidewalks Project 2023.4.1				
PROJECT LOCATION:	Various roads throughout Torrington				
PROJECT DESCRIPTION					
Removal of existing curbing and sidewalks, new concrete or bituminous curbing, new bituminous concrete sidewalk, driveway aprons, reset catch basin and manhole tops, traffic markings & signs, lawn restoration, and associated miscellaneous work. Roads under this contract include: Bannon St., Belleview Ave., Bird St., Elsie St., Joseph St., King St., McGuiness St., McKinley St., Monroe St., Pleasant St., Oliver St., School St., Travis St., Turner Ave., Walnut St.					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark	
PROJECT COST 1. Planning/Study 2. Design 3. Property 4. Construction 5. Equipment 6. Other Costs TOTAL	\$ 1,524,000.00 \$ 1,524,000.00	City of Torringtor N/A N/A	n Engr Dept n Engr Dept n Engr Dept]]]]	
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN CON		1/15/2023	
CONTRACTOR:	Martin Laviero Contractors Inc.	CONSTRUCTION		11/1/2023	
EQUIPMENT		DELIVERY DATE:			
SUPPLIER:	COM	MENTS			
Project is under constr	ruction and 70% complete and on				

2023 BONDING ROADS

City of Torrington, CT

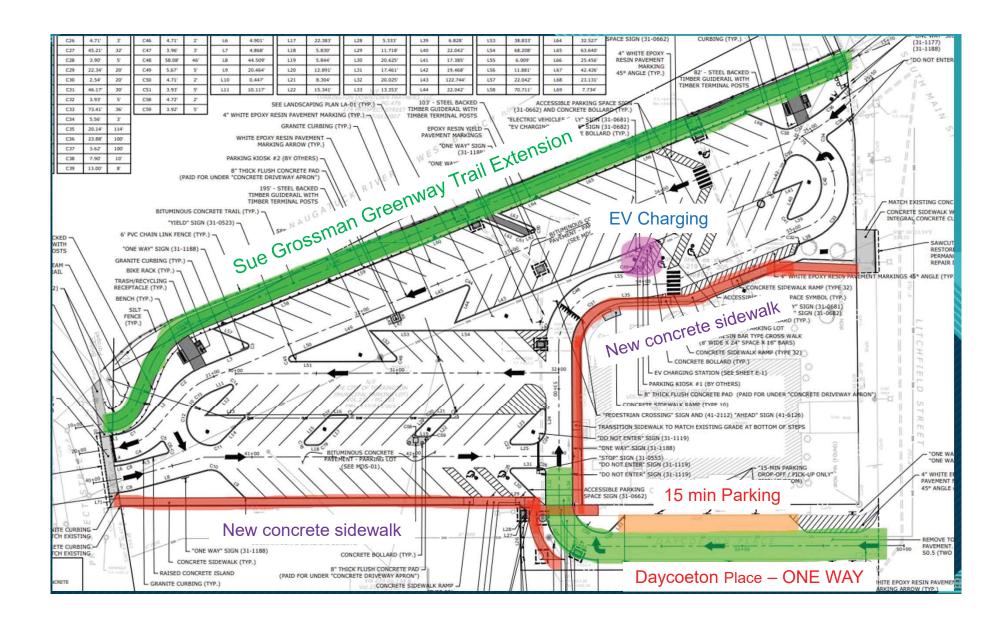
Group 2023.4 Various Curbs & Sidewalks







DEPARTMENT:	Engineering	PROJECT ID:	2023.6		
PROJECT TITLE:	RPR-027-071123: Riverview Parking Lot Improvements				
PROJECT LOCATION:	Riverview Parking Lot & Daycoeton Place				
	PROJECT DESCRI	PTION			
The project work is comprised of reclamation, grading and paving existing Riverview Parking Lot, new bituminous concrete trail, new concrete sidewalks, granite and concrete curbing, minor storm drainage modifications, new decorative lighting, pavement markings, signage, landscaping and associated miscellaneous work. Work also includes repaving Daycoeton Place and changing traffic pattern to one way traffic to provide safer traffic flow into the parking lot.					
PROJECT STATUS PLANNING DESIGN BIDDING CONSTRUCTION					
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:		
1. Planning/Study					
2. Design	\$ 49,000.00	City of Torringto	n - Bond		
3. Property					
4. Construction	\$ 1,284,150.00	State CCGP and	d Torrington Bond		
5. Equipment					
6. Other Costs	\$ 128,400.00	Contingencies			
TOTAL	\$ 1,461,550.00				
DESIGN ENGINEER:	SLR International Corporation	EST DESIGN COI	MPLETION:	1/31/2023	
CONSTRUCTION	Yield Industries	CONSTRUCTION	I START:	4/1/2024	
CONTRACTOR:	Tield illudstries	CONSTRUCTION	I END:	9/30/2024	
EQUIPMENT		DELIVERY DATE	:		
SUPPLIER:					
		MENTS			
Funding: State Community Connectivity Grant Program = \$375,871 City of Torrington Bond = \$1,085,679. Contarct awarded in September 2023. Due to lead time for procurement of materials (granite curbing and decorative lighting) construction is scheduled to begin in spring 2024.					





DEPARTMENT:	Engineering	PROJECT ID: 2024.1						
PROJECT TITLE:	Project 2024.1 - City Center - Phase 1							
PROJECT LOCATION:	Various roads in City center of Torrington							
PROJECT DESCRIPTION								
Full depth milling, grading, and paving of roads including new curbing, sidewalks, driveway aprons, drainage & manhole repairs, adjustment of catch basin & manhole tops and associated miscellaneous work. The roads are scheduled to include: Clark St., Hungerford St., Lake St., McDermott Ave., George St, Alvord St, Hotchkiss Pl. & Whiting Ave.								
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING CONSTRUCTION						
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:						
1. Planning/Study		City of Torrington Engr Dept]					
2. Design		City of Torrington Engr Dept]					
3. Property		City of Torrington Engr Dept]					
4. Construction	\$ 900,000.00	City of Torrington - Bond]					
5. Equipment		N/A]					
6. Other Costs	\$ 100,000.00	Contingency & Asphalt Testing]					
TOTAL	\$ 1,000,000.00							
DESIGN ENGINEER:	City of Torrington Engr Dept	EST DESIGN COMPLETION:	1/30/2024					
CONSTRUCTION		CONSTRUCTION START:	5/1/2024					
CONTRACTOR:	TBA	CONSTRUCTION END:	11/15/2024					
EQUIPMENT		DELIVERY DATE:						
SUPPLIER:								
COMMENTS								
Project is in the design phase, bid in January 2024 and construction to start in spring 2024.								

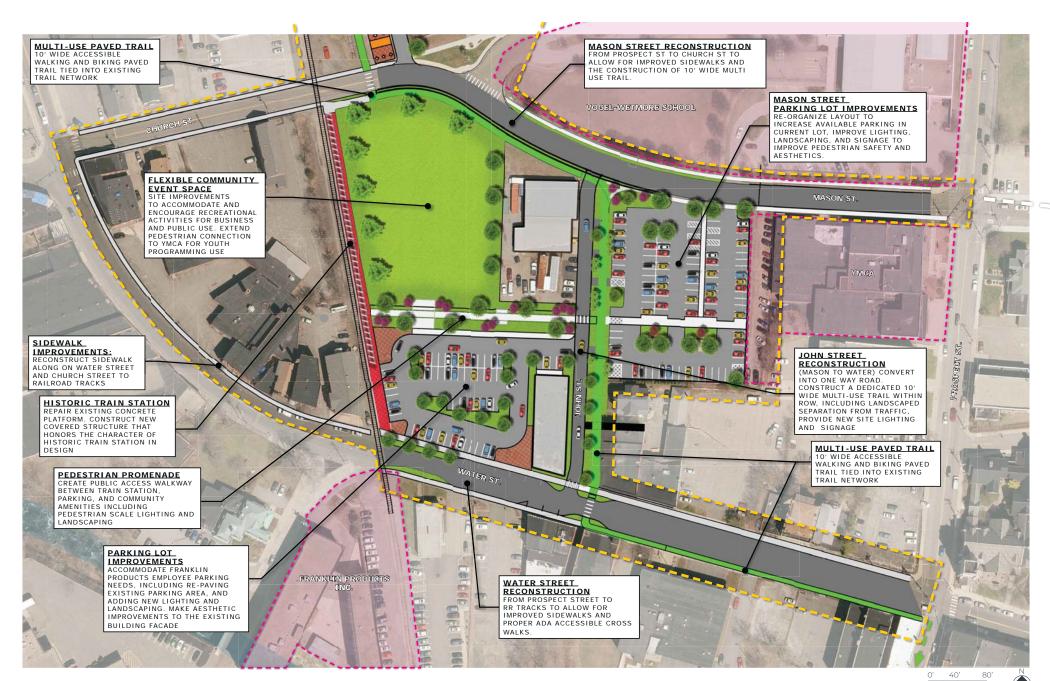


INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

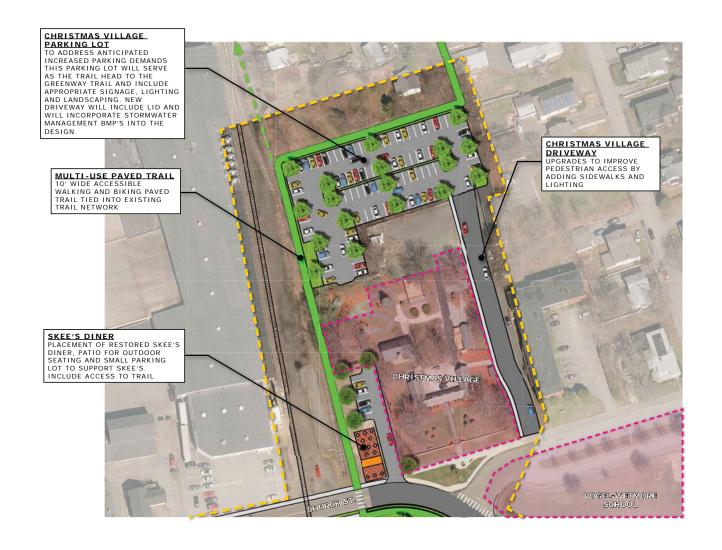
DEPARTMENT:	Engineering	PROJECT ID:				
PROJECT TITLE:	Railroad Square					
PROJECT LOCATION:	Area bounded by Mason St, Water St, John St, and Church St.					
PROJECT DESCRIPTION						
The City of Torrington in conjunction with various private businesses has applied for State DECD Community Challenge Grant program for the revitalization of the Naugatuck Railroad platform and area bounded by Mason St, Water St, John St, Church St, The project work is comprised of reconstruction of various City streets including Christmas Village and private properties including Franklin products, the YMCA and the Naugatuck Railroad. A multiuse trail is proposed on John St and parking lot expansion at Christmas Village.						
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING CONSTRUCTION				
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:				
1. Planning/Study						
2. Design	\$ 145,000.00	City of Torrington - Bond				
3. Property						
4. Construction	\$ 6,000,000.00	DECD CCGP and Torrington Bond				
5. Equipment						
6. Other Costs						
TOTAL	\$ 6,145,000.00					
DESIGN ENGINEER:	SLR International Corporation	EST DESIGN COMPLETION:				
CONSTRUCTION	TBD	CONSTRUCTION START:				
CONTRACTOR:	100	CONSTRUCTION END:				
EQUIPMENT		DELIVERY DATE:				
SUPPLIER:						
COMMENTS						
The City of Torrington will provide matching funds through local bond funds dedicated to the pavement improvement program. The Naugatuck Rail, Franklin Products and YMCA are committed to funding through their						

capital projects. State grant fund amounts to be finalized. Design completion and construction schedule to be determined.















VIEW FROM CHURCH STREET LOOKING TO TRAIN PLATFORM - EXISTING



VIEW FROM CHURCH STREET LOOKING TO TRAIN PLATFORM - PROPOSED



VIEW LOOKING SOUTH ON JOHN STREET - EXISTING



VIEW LOOKING SOUTH ON JOHN STREET - PROPOSED



VIEW OF PEDESTRIAN PROMENADE LOCATION - EXISTING



VIEW OF PEDESTRIAN PROMENADE LOCATION - PROPOSED



VIEW LOOKING WEST ON WATER STREET - EXISTING



VIEW LOOKING WEST ON WATER STREET - PROPOSED



INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Engineering	PROJECT ID:				
PROJECT TITLE:	Rehabilitation of Bogue Road Bridge BID # RBB 027-150622					
PROJECT LOCATION:	Bogue Road, Torrington/Harwinton					
PROJECT DESCRIPTION						
The project work is comprised of the complete replacement of the existing bridge deck with precast concrete full depth panels, steel railings, abutment joints, link slab, waterproofing membrane, bituminous concrete wearing surface, replacement of bearing pads, girder repairs, minor structural modifications and backwall extensions, approach roadway reconstruction with drainage improvements, and installation of approach metal beam guide rails.						
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark		
PROJECT COST 1. Planning/Study	ESTIMATED COST:	FUNDING SOUR	CE:]		
2. Design	\$ 338,816.00	Harwinton & City	of Torrington Bond			
3. Property						
4. Construction	\$ 2,549,900.00	Harwinton & City	of Torrington Bond			
5. Equipment						
6. Other Costs]		
TOTAL	\$ 2,888,717.00					
DESIGN ENGINEER:	VHB Inc	EST DESIGN COM	IPLETION:	4/1/2022		
CONSTRUCTION CONTRACTOR:	O&G Industries, Inc	CONSTRUCTION CONSTRUCTION		8/15/2022 4/27/2023		
EQUIPMENT		DELIVERY DATE:				
SUPPLIER:						
COMMENTS						
Project 100% completed in April 2023. The project is funded by the City of Torrington Pavement Management Program Bond Fund and the Town of Harwinton according to State Statute 13a-100 cost sharing formula. (City of Torrington 85.26% and Town of Harwinton 14.74%.) See news article at https://www.vhb.com/news/accelerated-bridge-construction-bogue-bridge-connecticut/						

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New Accelerated Bridge Construction Used for Bogue Road Bridge in Connecticut

Bridge in Torrington and Harwinton was rehabilitated and open to traffic in less than a month.

June 15, 2023



The Connecticut Department of Transportation's (CTDOT's) Bogue Road Bridge (CTDOT Bridge No. 05059) provides a critical connection within both the City of Torrington and Town of Harwinton transportation network. It links several major commercial businesses with convenient access to the state's highway system. The bridge was originally constructed by O&G Industries of Torrington, Connecticut, in late 1956 after the historic flood of 1955 washed away the original bridge.

Approaching the end of its useful life, the bridge was recently deemed structurally deficient and required rehabilitation to avoid future traffic and safety impacts. Complicating rehabilitation, however, the bridge's location posed construction challenges. With no viable long-term detour route available to accommodate the commercial traffic that relies on the bridge daily, in addition to a narrow bridge deck which precluded staged construction, the bridge could not be closed for the duration required for traditional rehabilitation. To overcome this, VHB's design solution incorporated accelerated bridge construction (ABC) techniques and innovative technologies tailored to resolve the specific challenges facing the bridge's construction that allowed it to be rehabilitated and reopened to traffic in just 22 days.

VHB's bridge design included some first-ever methods and materials for the State of Connecticut. Among these was the use of AccelBridge™ precast deck panels, a proprietary deck panel replacement system. The AccelBridge™ deck system is a patented product fabricated exclusively by Fort Miller Precasters that features full-depth and full-width precast deck panels with a match-cast joint system. The system installation saves time and money by eliminating internal deck posttensioning and transverse closure pours, and maintains deck compression through the use of an external deck jacking procedure. Simultaneously as an additional benefit, this procedure provides additional strength to the bridge which increases the structure's original vehicle load-carrying capacity. Other ABC technologies utilized by VHB included a partial thickness Ultra High Performance Concrete (UHPC) link slab, modeled after the New York State Department of Transportation (NYSDOT) UHPC link slab. Using this slab eliminated the need for deck joints and improved the bridge's future resiliency.

"At VHB we are passionate about making meaningful contributions to the communities we serve," said VHB Project Manager, Josh Colella, PE. "This project's unique challenges provided our team the perfect opportunity to innovate creative solutions and deliver to the client and the community a bridge structure that will serve them well into the future."

VHB has been involved in this project through its entire lifecycle, first performing the rehabilitation study, then leading rehabilitation design, and finally, offering bid and construction phase services. Additional services provided by the VHB team included light detection and ranging (LiDAR) survey scanning, a geotechnical subsurface program, environmental permitting, deck core sampling and materials testing, right-of-way (ROW) property map development, structural rehabilitation and roadway improvement design, plan production, and CTDOT Load Rating.

Learn more about VHB's work with State DOTs through our <u>transportation page</u>, and to learn more about his project, connect with Josh via <u>email</u> or on <u>LinkedIn</u>.













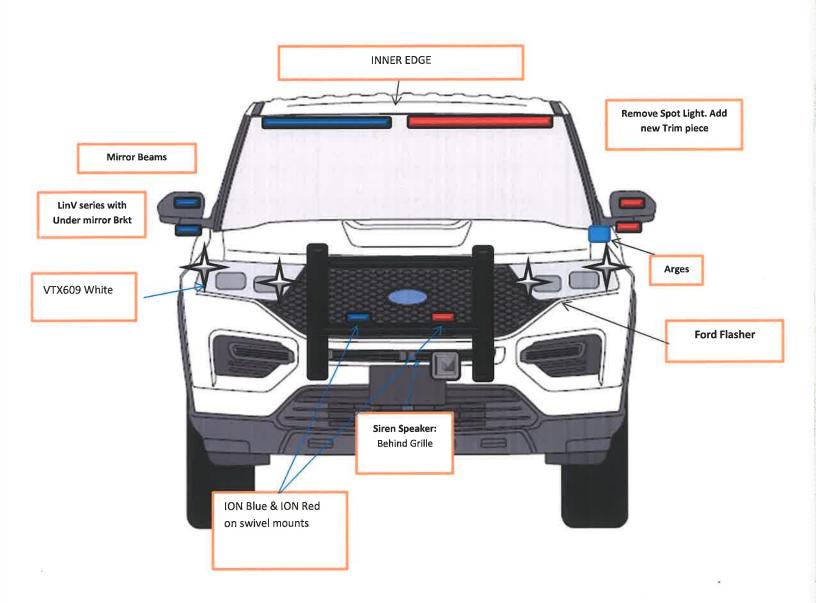
DEPARTMENT:	Equipment Maintenance	PROJECT ID:	2023-1	
PROJECT TITLE:	Vehicle Replacement Status			
PROJECT LOCATION:	107 Arthur Street / Public Works	Facility		
PROJECT DESCRIPTION				
Vehicle Replacement: Vehicles and Equipment that have pending bids or are currently or order as per schedule.				
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING ✓	CONSTRUCTION [
PROJECT COST 1. Planning/Study	ESTIMATED COST:	FUNDING SOURCE	CE:	
2. Design	\$ 713,693.00	Vehicle Replacer	ment	
3. Property				
4. Construction				
5. Equipment	\$ 117,360.50	Vehicle Replacer	ment	
6. Other Costs				
TOTAL	\$ 831,053.50			
DESIGN ENGINEER:		EST DESIGN COM	IPLETION:	
CONSTRUCTION		CONSTRUCTION	START:	
CONTRACTOR:		CONSTRUCTION	END:	
EQUIPMENT SUPPLIER:	MHQ / Viking Cives / Bobcat	DELIVERY DATE:	[
7	COMN	MENTS		
Equipment purchased f	or the Street Department (3 Snov	v Plows and a Chippe	er) ETA 90-120 days	
Design (Vehicles) 5 units for the Police Dept. (\$303,000). 2 units for the Traffic Dept. (306,408)				







2023 Ford Interceptor Utility <u>Torrington – Supervisor</u>



Notes:

Core with CV2V

VST-36/40/47/52-1

Insulated Articulated/Telescopic Aerial Device

WORKING HEIGHT: Up to 56 ft 6 in (17.2 m)

HORIZONTAL REACH: 30 ft 9 in (9.4 m)

PLATFORM CAPACITY: Up to 600 lbs (272 kg)

JIB CAPACITY (Optional): Up to 1000 lbs (454 kg)



OPTIONAL

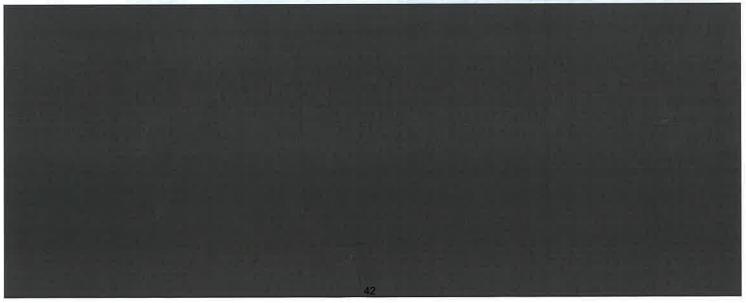




VERSALIFT is a leading global manufacturer of bucket trucks, digger derricks, cable placers and other specialty equipment for use in the power generation, transmission and distribution, investor-owned utility, telecommunications, bridge inspection, light and sign, and forestry industries. Providing equipment sales, service, training, warranty and financing to government agencies, corporations, contractors, co-ops and municipalities through its global network of facilities and distributors, the company employs more than 900 employees worldwide.











DEPARTMENT:	Equipment Maintenance		PROJECT ID:	2023 - 2	
PROJECT TITLE:	Surplus Auction Results				
PROJECT LOCATION:	107 Arthur Street / Public Wo	ks Fa	acility		
	PROJECT DESC	RIPTI	ON		
Surplus Auctions: This project consists of vehicles and equipment that have been removed from service and placed on the Public Surplus site by the Purchasing Agent for sale.					
PROJECT STATUS	PLANNING DESIGN		BIDDING 🗸	CONSTRUCTION	
PROJECT COST 1. Planning/Study	ESTIMATED COST:		FUNDING SOUR	CE:]
2. Design]
3. Property					
4. Construction					
5. Equipment					_
6. Other Costs		4	:		
TOTAL					
DESIGN ENGINEER:]	EST DESIGN COM	MPLETION:	
CONSTRUCTION			CONSTRUCTION	START:	
CONTRACTOR:			CONSTRUCTION	I END:	
EQUIPMENT			DELIVERY DATE	:	
SUPPLIER:					
	СО	MME	NTS		
	ce currently has (5) auctions pe sets of Ford Explorer rear seats		: (1) Plow Truck (1	1) Police unit (1) Sto	one roller
Public Surplus revenues: \$23,327.00					

Public | Surplus.

BE SUSPICIOUS OF EMAILED WIRE INSTRUCTIONS. Contact Buyer Support to confirm wire instructions prior to sending any payments via wire. All email communications will always be from PUBLICSURPLUS.COM. (NOT. U.S., CO., N.BT, publicsurplus-auction.com, -US.COM, -terms.com, etc.). All CC payments will be on the website only. Never send payment or personal information until you have confirmed the information with chat support. Do NOT click on links in Emails.

THE THE PARTY

Chat 😓 | Help | Logaut

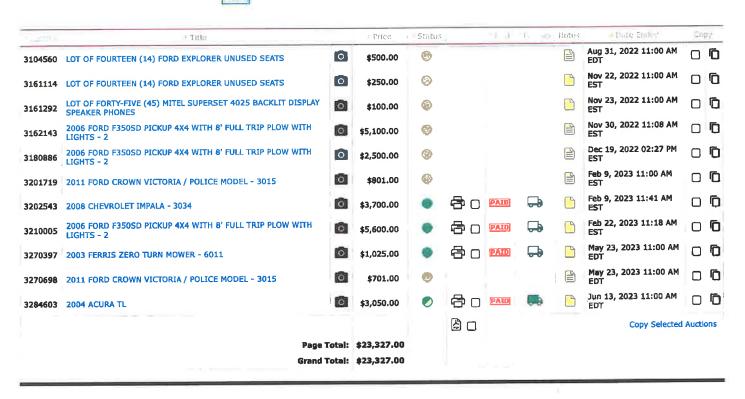
Home | Browse | Search | My Stuff | Auctions | Tools Held | Current | Closed | Upload | Sell



Closed Auctions for: City of Torrington

Keyword Ended between 07/01/2022 and 09/07/2023 Please enter dates in the mm/dd/yyyy format (i.e., 04/23/2019) Category All Categories Sold Status All Items [Find User] User Auctions(s) Bidder V

Pay Status All Items Pickup Location All Locations



Customer Support: agencysupport@publicsurplus.com | Copyright 1999-2023 The Public Group, LLC. | All rights reserved. The Public | Group-



DEPARTMENT:	Public Works - Facilities	PROJECT ID:	ACF-319-051421	
PROJECT TITLE:	Northwest Hills Regional Anima	Control Facility		
PROJECT LOCATION:	248 Bogue Road, Harwinton			
	PROJECT DESCRI			
New construction of an 4,600 SqFt Animal Control Facility. The new building has the capacity to house 21 dogs, as well as a room for cats, rabbits and snakes and cat isolation. There is an animal viewing room, a grooming/ wash room and an animal dietary room for meal preparation. The building has a modern HVAC system controled by a building management system that allows for outside fresh air to be vented in as well as heated floors inside the kennel area both for inside and outside dog runs. All the lighting is LED as well as the parking lot lighting and utilizes modern motion sensors. On the exterior there are (2) 30' X 48' fenced in dog pens as well as the entire perimeter is fenced.				
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING ✓	CONSTRUCTION	\checkmark
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE	Œ:	_
1. Planning/Study				
2. Design	\$ 101,254.00	NWHCOG		
3. Property				
4. Construction	\$ 2,888,891.00	BOND, CAP RES	SERVE, ARPA	
5. Equipment				
6. Other Costs	\$ 223,253.00	BOND, CAP RES	SERVE, ARPA	
TOTAL	\$ 3,213,398.00			
DESIGN ENGINEER:	Silver Petrucelli & Associates	EST DESIGN COM	IPLETION:	4/1/2017
CONSTRUCTION		CONSTRUCTION	START:	3/7/2022
CONTRACTOR:	Brunoli Contruction	CONSTRUCTION	END:	9/30/2023
EQUIPMENT		DELIVERY DATE:		10/1/2023
SUPPLIER:				
	COMI	MENTS		





DEPARTMENT:	Public Works - Facilities	PROJECT ID:	CFA-026-082321	
PROJECT TITLE:	City Facility Assessment Study			
PROJECT LOCATION:	All City Owned Buildings (Police	e, Fire HQ, Fire North	End - Completed to	Date)
	PROJECT DESCR			
Facility Assessment of all City Owned buildings. The study will generate a multi-point inspection report that will detail the current state of the buildings mechanical, structure, safety/ADA, roof, grounds and building site. The report will recommend actions to be taken to improve or correct any deficiency's and state current-to-date costs associated with each improvement. The improvements will be categorize based on importance and need of proposed action to help with budgeting.				
To date, the Police Department, Fire HQ and Fire North End have been completed at a total cost of \$66,476. The Armory, Public Works Garage and Senior Center or planned FY 2023/2024.				
PROJECT STATUS	PLANNING / DESIGN	BIDDING	CONSTRUCTION	
PROJECT COST 1. Planning/Study	ESTIMATED COST: \$ 150,000.00	FUNDING SOUR Public Works Ca]
2. Design				
3. Property]
4. Construction]
5. Equipment]
6. Other Costs]
TOTAL	\$ 150,000.00			
DESIGN ENGINEER:	Silver Petrucelli & Associates	EST DESIGN COM	MPLETION:	6/30/2025
CONSTRUCTION		CONSTRUCTION	START:	
CONTRACTOR:		CONSTRUCTION	END:	
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
COMMENTS				
Police Department - \$29,700 Fire HQ - \$22,403 Fire NE - \$14,373 To Be Completed - Armory, Public Works Garage, Senior Center, Veterans Building, Teen Center, COE Park, City Hall, Christmas Village, Traffic Garage/Barn, 321 Oak Ave Garage.				



INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Public Works - Facilities	PROJECT ID:			
PROJECT TITLE:	City Wide Comprehensive Energy	City Wide Comprehensive Energy Project			
PROJECT LOCATION:	Police Dept., Fire HQ, Public W	orks Garage, Teen Center, Vetera	ans BLDG, Steet Lights		
PROJECT DESCRIPTION					
This energy project replaced outdated lighting with LED lighting in the Police department, Fire head quarters, the publice works garage and remaining non-LED street lights. It also added VFD's (Variable Frequency Drives) on the main HVAC pump motors at the Police Department and Fire head quarters. Water saving shower heads and faucet aerators were also installed at the Police Department and Fire head quarters as well as pipe insulation and insulation jackets on major piping and HVAC valves. Pipe insulation was added on the steam piping at the Veterans Building and the Teen Center. All of these measures were run through an Eversource Energy Efficiency program. The installed measures will save the City of Torrington 404,629 kWh on electric use, 4,292 CCF of gas consumption and over 2,711 oils of heating oil annually.					
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRU	JCTION 🗸		
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:			
1. Planning/Study	\$ 0.00				
2. Design	\$ 0.00				
3. Property	\$ 0.00				
4. Construction	\$ 993,901.00				
5. Equipment					
6. Other Costs	-\$ 327,177.00				
TOTAL	\$ 666,724.00				
DESIGN ENGINEER:	Fulcrum Energy	EST DESIGN COMPLETION:			
CONSTRUCTION CONTRACTOR:	Fulcrum Energy	CONSTRUCTION START: CONSTRUCTION END:	11/15/2022 8/4/2023		
EQUIPMENT SUPPLIER:	Fulcrum Energy	DELIVERY DATE:			
COMMENTS					

This project received an Eversource incentive of \$327,177.48, \$26,418 of which was an adder based on Torrington being a distressed community. This incentive was used to offset the cost to the City and bring the total down to \$666,724. All of the lighting material installed carries a Five year manufactures warranty, and the HVAC material carries a three year manufactures warranty which further reduces the Torringtons expense on maintenance.



DEPARTMENT:	Public Works - Facilities	PROJECT ID:	AVS-026-072722	
PROJECT TITLE:	Audio Video System for City Ha	II Auditorium		
PROJECT LOCATION:	City Hall Auditorium			
	PROJECT DESCRI	IPTION		
Installation of a new complete audio visual system in the auditorium. The new system includes New flat screen TV's for the audience, (9) new computers for the council members and podium, a mobile smart board for presentations and instruction classes, new wireless microphones as well as a new computer rack with new audio and video hardware and Dante Software platform. The new system is suitable for the many different types of meetings the City uses the auditorium for. The Dante software also allows the City to record and live stream City meeitngs and is fully upgradeable for future expansion or updates.				
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark
PROJECT COST 1. Planning/Study 2. Design 3. Property 4. Construction	ESTIMATED COST: \$ 242,485.00	FUNDING SOURGE]]]
5. Equipment 6. Other Costs	¥ 2 121, 163.00	Tata y Capita]]]
TOTAL	\$ 242,485.00			I
DESIGN ENGINEER:	Write Pierce	EST DESIGN CON	MPLETION:	
CONSTRUCTION CONTRACTOR:	Soundworks and Security	CONSTRUCTION CONSTRUCTION		12/7/2022 7/30/2023
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
	СОМ	MENTS		1



DEPARTMENT:	Public Works - Facilities	PROJECT ID:	CPO-040-101922	
PROJECT TITLE:	COE PARK LANDSCAPE OUTL	ET INSTALLATION		
PROJECT LOCATION:	COE Park, 101 Litchfield St.			
	PROJECT DESCRI			
Installation of new ground mount exterior GFCI electrical landscape outlets, and replacement of pole mounted GFCI outlets on the decorative light poles. A total of (23) Land Scape GFCI Outlets and (30) GFCI Pole Outlets were installed This will aid in ease of installing the holiday lighting and allow for additional lights to be installed and not overload the electrical circuits.				
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	✓
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	7
1. Planning/Study]
2. Design]
3. Property				
4. Construction	\$ 87,400.00	0040.8888.5245	5.0000]
5. Equipment]
6. Other Costs]
TOTAL	\$ 87,400.00			_
DESIGN ENGINEER:	City Of Torrington	EST DESIGN CO	MPLETION:	
CONSTRUCTION	D. Chati	CONSTRUCTION	I START:	4/3/2023
CONTRACTOR:	Pro-Electric	CONSTRUCTION	I END:	5/5/2023
EQUIPMENT	Dro Floatrio	DELIVERY DATE	:	
SUPPLIER:	Pro-Electric			
	COMM	MENTS		
New circuit breaker were installed for the new landscape outlets. While the trenches were dug for the electrical conduits, future camera conduits were also installed for potential security cameras to not have to dig up COE Park a second time.				





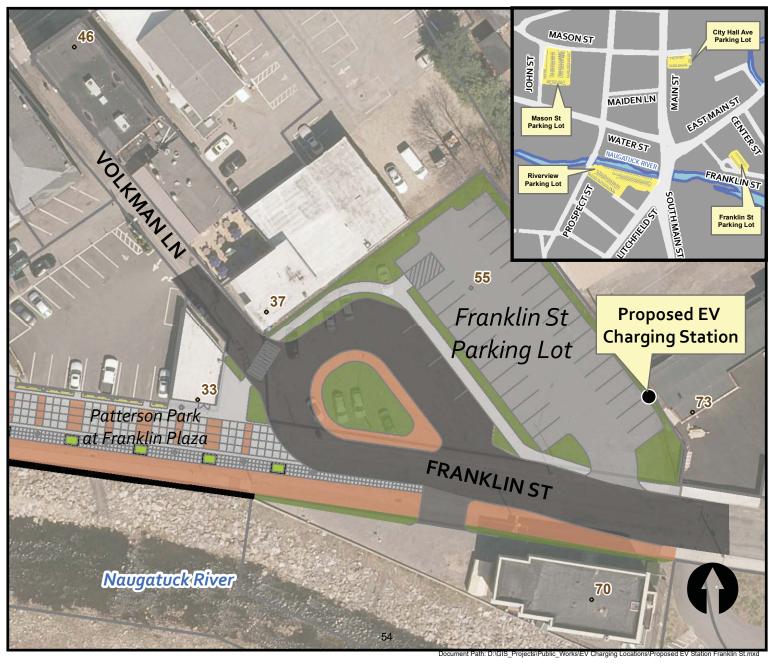
DEPARTMENT:	Public Works - Facilities	PROJECT ID:	EVC-025-091922	
PROJECT TITLE:	EV Charging Stations - Inovis E	nergy, Inc.		
PROJECT LOCATION:	Muni Lots at City Hall Ave, Fran	klin Plaza, River View	Parking Lot	
	PROJECT DESCR	IPTION		
Installation of (3) EV Dual Port Charging stations. A single dual port charging station will be installed at the muni lot at City Hall ave, Franklin Plaza muni parking lot and River View muni parking lot. These are type 2 fast chargers and capable of charging up to 100mph per hour of charging. They incorporate a cord management system which will prolong the charger cord life and maintenance of the charger. All 3 units will have the Switch Software Pay app and are Pay-to-charge. The software allows for the City to monitor the use and maintenance of each charger. The funding is being covered by Eversource Incentives and the DEEP VW EVSE Grant.				
PROJECT STATUS	PLANNING / DESIGN	✓ BIDDING ✓	CONSTRUCTION	\checkmark
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE	CE:	_
1. Planning/Study]
2. Design]
3. Property]
4. Construction	\$ 153,570.00	Eversource Incer	ntive, DEEP Grant]
5. Equipment]
6. Other Costs]
TOTAL	\$ 153,570.00			-
DESIGN ENGINEER:	Inovis Energy, Inc.	EST DESIGN COM	ADI ETIONI	
	movis Energy, me.			11/1/2023
CONTRACTOR	Inovis Energy, Inc.	CONSTRUCTION		6/30/2024
CONTRACTOR:		CONSTRUCTION	END:	0/30/2024
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
COMMENTS				
Project to start in Franklin Plaza and City Hall Ave Muni Lot. Due to construction of parking lot, River View Parking lot will be delayed until spring of 2024.				

Proposed EV Charging Station

FRANKLIN STREET
PARKING LOT
City of Torrington, CT



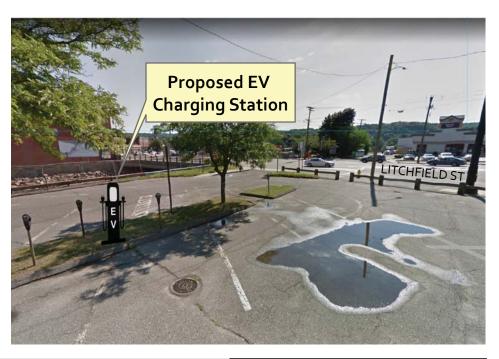


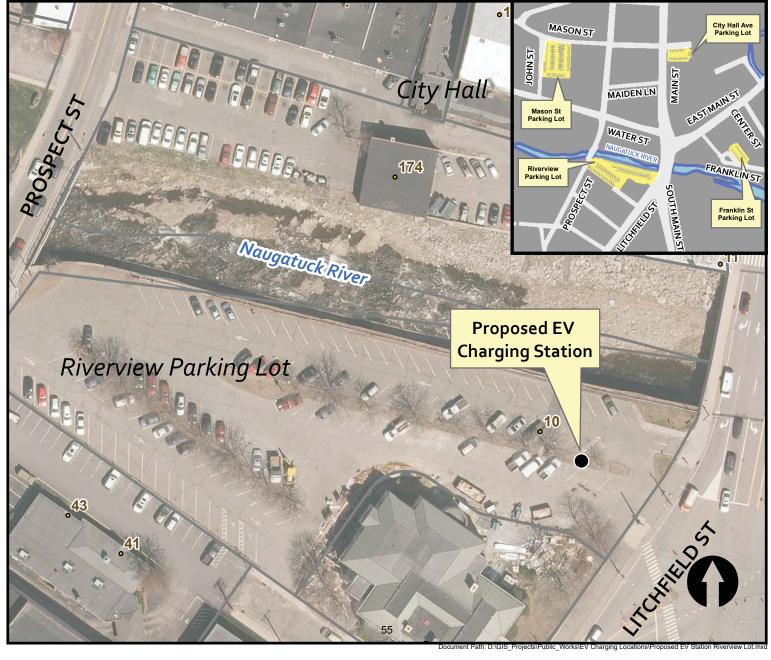


Proposed EV Charging Station

RIVERVIEW
PARKING LOT
City of Torrington, CT





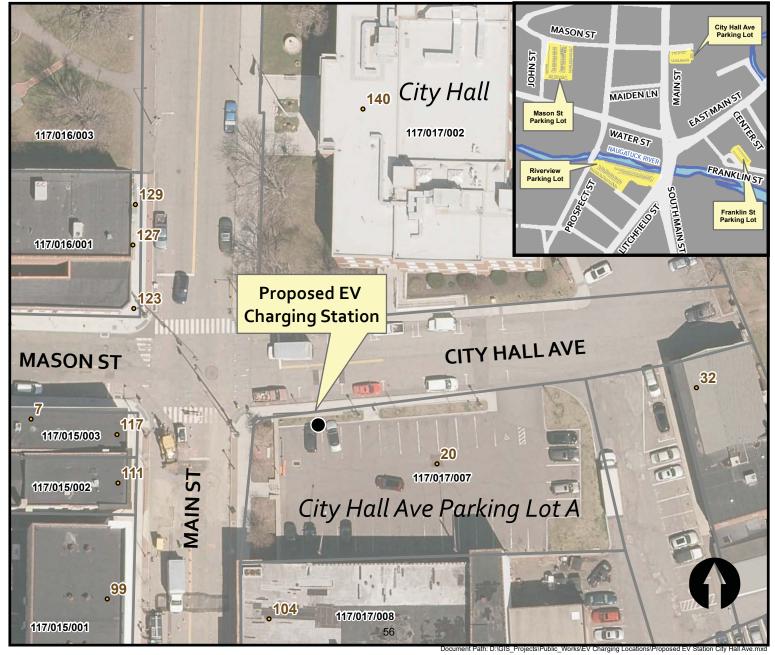


Proposed EV Charging Station

CITY HALL AVENUE PARKING LOT A
City of Torrington, CT









DEPARTMENT:	Public Works-Facilities	PROJECT ID: CIP F-12		
PROJECT TITLE:	Municipal Transfer Station Rede	velopment		
PROJECT LOCATION:	250 Bogue Rd			
	PROJECT DESCRI	PTION		
Project includes the redevelopment of the current Drop-Site Recycling Center. Construction of new 2,500 sqft building for Swap Shop and small office space. Disposal Areas for residents to dispose of brush. Bulky Waste disposal area, mattress drop off area, disposal area for electronics, used oil, light bulbs, batteries, and antifreeze				
PROJECT STATUS	PLANNING 🗸 DESIGN [BIDDING CONSTRUCTION	ON	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:		
1. Planning/Study	\$ 50,000.00	TBD		
2. Design	\$ 100,000.00	TBD		
3. Property				
4. Construction	\$ 1,000,000.00	TBD-Grant		
5. Equipment				
6. Other Costs			$\overline{}$	
TOTAL	\$ 1,150,000.00			
DESIGN ENGINEER:	TBD	EST DESIGN COMPLETION:	1/3/2023	
CONSTRUCTION		CONSTRUCTION START:		
CONTRACTOR:		CONSTRUCTION END:		
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
	COMM	MENTS		
We are currently prep	aring a grant application, target is t	o submit application by 12/31/2023		





DEPARTMENT:	Public Works/Recreation	PROJECT ID:	2023.003/2023.0	06
PROJECT TITLE:	Fuessenich Park Renovations			
PROJECT LOCATION:	Fuessenich Park-78 Coe Place			
	PROJECT DESCRI	PTION		
Project includes the installation of two (2) regulation size Bocce courts and the installation of four (4) regulation pickle ball courts/				
PROJECT STATUS	PLANNING 🗸 DESIGN [BIDDING	CONSTRUCTION	\checkmark
PROJECT COST 1. Planning/Study	ESTIMATED COST:	FUNDING SOUR	CE:	
2. Design]
3. Property				
4. Construction	\$ 60,000.00	0010.0031		╛
5. Equipment	\$ 5,000.00	0010.0031		<u></u>
6. Other Costs	\$ 10,000.00	0010.0031]
TOTAL	\$ 75,000.00			
DESIGN ENGINEER:	Torrington Engineering	EST DESIGN COM	MPLETION:	10/1/2023
CONSTRUCTION CONTRACTOR:	City of Torrington	CONSTRUCTION CONSTRUCTION		4/30/2023
EQUIPMENT SUPPLIER:	TBD	DELIVERY DATE:	:	
	СОМІ	MENTS		
Design and installation of Bocce Courts is currently underway- Construction by City Forces Resurfacing of old Tennis courts currently in procurement stage				





Metric Conversions

2 meters = 6.56'

3 meters = 9.84'

4 meters = 13.12'

13.5 meters = 43.47'

26.5 meters = 86.94'

26.5 meters = 86.94'

Same to the American 1983

False Serving: 100,000,0000

False Serving: 100,000,0000

False Serving: 100,000,0000

Control Medicion: 72,7000

Serving Provide: 2 + 14,000

Serving Provide: 2 + 1,000

EXHIBIT A

Drawn By: Engineering Dept.

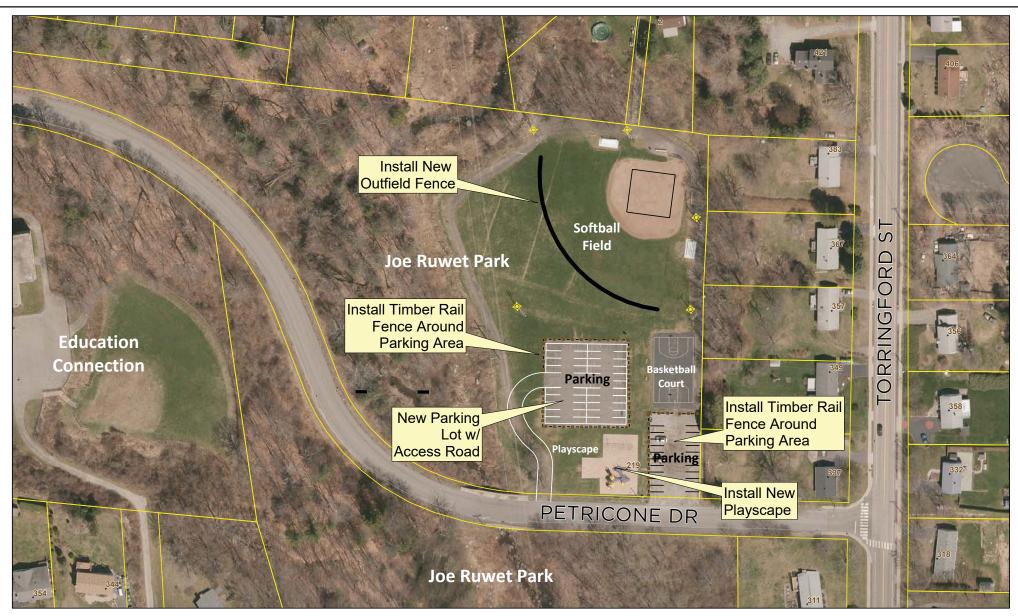
Path: D1GIS_Projects/Parks_Recreation/Fuessenich Park Proposed Bocce Court 2022 v1 mod







DEPARTMENT:	Public Works/Recreation	PROJECT ID: 2023.0	05				
PROJECT TITLE:	Joe Ruwet Park Improvements	Joe Ruwet Park Improvements					
PROJECT LOCATION:	Joe Ruwet Park-41 Petricone D	rive					
	PROJECT DESCR	IPTION					
Project includes the installation of 38 Space Parking Lot and Driveway, New Timber Rail Fencing to be installed around both parking areas, installation of new ADA compliant playscape, repalcement of streetlight heads with LED lights, installation of new softball field outfield fencing.							
PROJECT STATUS	PLANNING DESIGN	BIDDING CONS	TRUCTION 🗸				
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:					
1. Planning/Study							
2. Design							
3. Property							
4. Construction	\$ 45,000.00	ARPA/Parks-Major/CR					
5. Equipment	\$ 45,000.00	ARPA/Parks Major/CR					
6. Other Costs	\$ 9,000.00	0010.0031					
TOTAL	\$ 99,000.00						
DESIGN ENGINEER:	TBD	EST DESIGN COMPLETIO	N:				
CONSTRUCTION CONTRACTOR:	TBD	CONSTRUCTION START: CONSTRUCTION END:	5/1/2023 4/30/2024				
EQUIPMENT SUPPLIER:	TBD	DELIVERY DATE:					
COMMENTS							
1. Parking Lot Completed- Aug 2023 (City Forces) 2. Softball outfield fencing - Sept 2023 (City Forces-Fencing from THS reused) 3. Parking Lot Fencing - Oct 2023 (In Procurement phase) 4. Playscape - April 2024 (In Procurement Phase) 5. Street lighting - July 2023 (Part of City Wide Energy Efficiency Project)							

















Meets National Standards for: ✓ ASTM F1487-17 ✓ CPSC Guidelines #325

Product Description

Chagrin Falls boasts an impressive array of play activities. Featuring 5 different slides, 4 separate climbers, and a variety of other play activities, kids won't have a chance to say "I'm bored" with this play set. Get on the elevated platform in a mix of ways. Start off easy with the Sea Creature Climber. This is a simple and safe way to work on motor planning and body coordination. A simple Vertical Access Ladder is also a great way to strengthen a kids' upper body. The Snake and Pod Climbers add a fun and unique twist to vertical climbing. Each climber leads to direct access to one of the slides, rewarding them with a fast and fun way to glide down. Go through the Tube Bridge to get to the Spiral Slide for an entertaining and coiling adventure. Stimulate the mind with the Drums, Bongos, or the Tic Tac Toe Panel. Keep kids' bodies and minds busy by adding Chagrin Falls to your play

Product Specifications

Price: \$34,416.00

Model Number: PKP277 Age Range: 5-12 years Child Capacity: 48-62 Fall Height: 84"

Post Diameter: 3.5-inch **Product Type:** Spark

Safety Zone: 39' 10" x 40' 8"

✓ ADA Compliant (

Elevated 12 components Ground Level 4 components







INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Public Works/Recreation	PROJECT ID:	CIP-B-11		
PROJECT TITLE:	Besse Pond Revitalization Project				
PROJECT LOCATION:	Besse Pond 277 Winthrop St			1	
PROJECT DESCRIPTION					
Project is a five (5) year project which involves pond maintenance, Inspections and treatments two (2) times per month between the months of April-September. Project includes 10 days per year of hydro-raking to remove organic material sediment.					
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	✓	
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	_	
1. Planning/Study	\$ 2,500.00	0031.8888.5274	.0019	<u> </u>	
2. Design				<u> </u>	
3. Property					
4. Construction	\$ 132,814.00	0031.8888.5274	.0019]	
5. Equipment]	
6. Other Costs	\$ 10,000.00	0031]	
TOTAL	\$ 145,314.00				
DESIGN ENGINEER:		EST DESIGN CON	MPLETION:		
CONSTRUCTION	Solitude Lake Management	CONSTRUCTION	START:	4/1/2020	
CONTRACTOR:	Contude Lake Management	CONSTRUCTION	END:	4/30/2025	
EQUIPMENT		DELIVERY DATE:			
SUPPLIER:					
COMMENTS					

COMMENTS

Project is currently in its 4th year, approximately 3 acres of the pond have been hydro raked which has resulted in the average water depth in 3 quadrants to increase from an average depth of 4.5 ft to and average depth of 10 ft. This years hydro-raking is scheduled for early October. City Forces and Equipment are utilized for the de-watering and composting of dredged material.

Problem Statement

Besse Pond has been continuing to lose open water depth and space from the buildup or organic matter over the past several years. The current assemblage of accumulated organic matter is contributing to accelerated eutrophic conditions, degrading fish and wildlife habitat, and contributing to water quality conditions that perpetuate unbalanced pond ecology.

Site Description

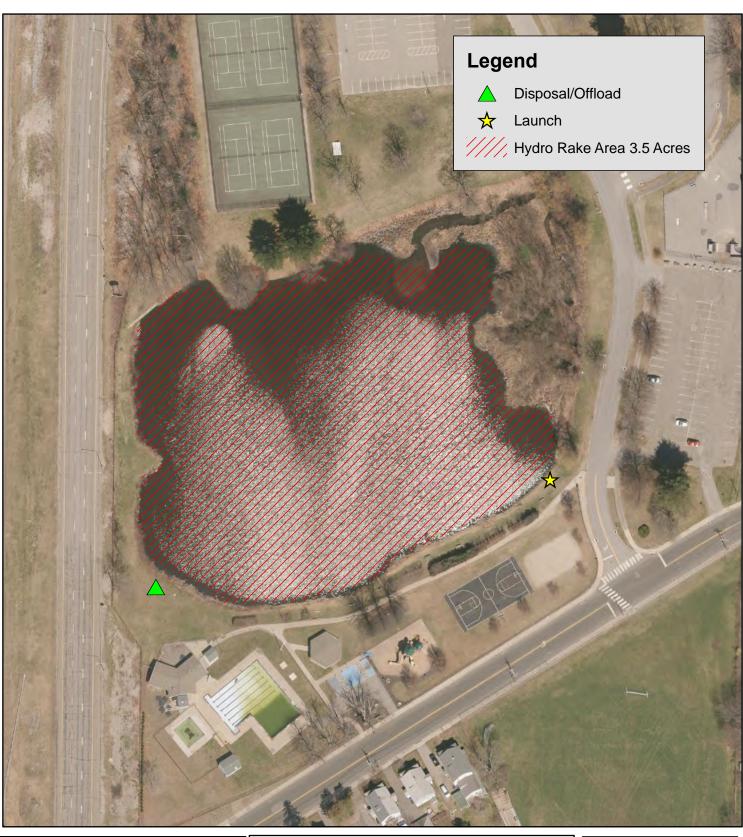
Besse Pond is a small 3.5-acre pond located within Elise Besse Park. The park is located within a residential area, adjacent to Route 8. The park offers recreational activities with a playground, swimming pool, tennis and basketball courts, and the small pond which is mainly used for fishing. The pond is shallow throughout, with an average depth of 4 feet. A marsh/wetland area surrounds the open water on the eastern side.

Proposed Management Plan: Hydro-Raking

The mechanical hydro-rake can best be described as a "floating backhoe" with a York Rake attachment. The rake attachment provides an effective means of removing decaying plants and root systems, unconsolidated organic material and debris which helps maintain water depth and reduce oxygen demand in the pond. The barge is paddle wheel driven to facilitate operation in shallow water (<2 feet) and it can effectively work to depths of about 10 feet. It works from the water, thereby preventing erosion and avoiding damage to sensitive shoreline habitat and property.



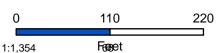




Besse Park Pond Torrington, CT



Besse Park Pond





Map Created by: LS 4/07/20 For: Inland Wetlands



DEPARTMENT:	Recreation	PROJECT ID:
PROJECT TITLE:	Toro Turf	
PROJECT LOCATION:	John Toro Sports complex	
PROJECT DESCRIPTION		
Installation of artificial turf to the infields of John Toro Field #1 and John Toro Field #2. The turf will replace the infield clay on both fields. Grass outfield will remain the same.		
Additional improvements to the Dog Park, include the installation of site amenities and obstacles. Installation of permanent public restrooms, pave parking lots.		
PROJECT STATUS	PLANNING / DESIGN	BIDDING CONSTRUCTION
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:
1. Planning/Study	\$ 2,000.00	Parks Major
2. Design	\$ 3,000.00	Parks Major
3. Property		
4. Construction	\$ 230,000.00	Parks Major CR/Donations
5. Equipment	\$ 5,000.00	Parks Major CR/Donations
6. Other Costs		
TOTAL	\$ 240,000.00	
DESIGN ENGINEER:		EST DESIGN COMPLETION:
CONSTRUCTION		CONSTRUCTION START:
CONTRACTOR:	TBD	CONSTRUCTION END:
EQUIPMENT		DELIVERY DATE:
SUPPLIER:		
COMMENTS		





Sample of what fields will look like.





INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Recreation	PROJECT ID:	EBS-038-090922	2	
PROJECT TITLE:	Elise Besse Skatepark				
PROJECT LOCATION:	Elise Besse Park-277 Winthrop\$	Street			
	PROJECT DESCRI	PTION			
Project involves the construction of a new modern concrete skatepark at Elise Besse Park and the redevelopment of the existing Basketball Court. Newline Skateparks was selected to design and construct the new skatepark. Community meetings were held to solicit inout on what the new park should look like. A final concept design was submitted and accepted by the city.					
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING	CONSTRUCTION	ı 🔃	
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	_	
1. Planning/Study					
2. Design	\$ 75,000.00	Parks Major CR			
3. Property					
4. Construction	\$ 900,000.00	Parks Major CR			
5. Equipment					
6. Other Costs					
TOTAL	\$ 975,000.00				
DESIGN ENGINEER:	Newline Skateparks	EST DESIGN COM	MPLETION:	12/31/2023	
CONSTRUCTION	Newline Okatanaska	CONSTRUCTION	START:	3/1/2024	
CONTRACTOR:	Newline Skateparks	CONSTRUCTION	END:	6/30/2024	
EQUIPMENT SUPPLIER:	Newline Skateparks	DELIVERY DATE:	:		
	COMMENTS				
If anyone would like a copy of the Final Concept Design Report please reach out.					

We are in the process of reaching out to local contractors and businesses seeking donations of materials and supplies. If successful would reduce the city funds needed.

FINAL CONCEPT DESIGN

3D RENDERINGS - SHEET 1 OF 2





Bird's Eye View looking Northwest



Bird's Eye View looking Northwest



Bird's Eye View looking Southwest

Bird's Eye View looking Southeast

ELISE BESSE PARK SKATEPARK

FINAL CONCEPT DESIGN REPORT | TORRINGTON, CT | JULY 2023







FINAL CONCEPT DESIGN

3D RENDERING - SHEET 2 OF 2





View of Skatepark - Closed Bowl



View of Skatepark - Street Plaza Tech Zone



View of Skatepark - Torrington "T" Feature

View of Skatepark - Street Course

ELISE BESSE PARK SKATEPARK

FINAL CONCEPT DESIGN REPORT | TORRINGTON, CT | JULY 2023









DEPARTMENT:	Public Works	PROJECT ID: 2023.001	
PROJECT TITLE:	Catch Basin Replacement		
PROJECT LOCATION:	Various Locations		
	PROJECT DESCRI	PTION	
Replacement of Variou 35 Replacements to the	us Catch Basin around the City of nis point	Torrington 2023	
	_	_	_
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTR	UCTION 🗸
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	_
1. Planning/Study			
2. Design			
3. Property			
4. Construction	\$ 157,000.00	5818.0000	
5. Equipment	\$ 10,000.00	5305.0000	
6. Other Costs	\$ 12,500.00	Various	
TOTAL	\$ 179,000.00		
DESIGN ENGINEER:		EST DESIGN COMPLETION:	
CONSTRUCTION	207	CONSTRUCTION START:	
CONTRACTOR:	СОТ	CONSTRUCTION END:	12/31/2023
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
	СОМІ	MENTS	
This is on going work	replacing basins as they fail aroun	d the city	



DEPARTMENT:	Public Works	PROJECT ID: 2023.002	
PROJECT TITLE:	Bleacher Upgrades		
PROJECT LOCATION:	Oak Ave		
	PROJECT DESCRI	PTION	
Assemble Bleachers a Dugout Upgrades	and build Concrete Pads to set the		
PROJECT STATUS	PLANNING 🗸 DESIGN [✓ BIDDING CONSTRUCT	ION
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	
1. Planning/Study			
2. Design			
3. Property			
4. Construction	\$ 15,000.00		
5. Equipment	\$ 47,000.00		
6. Other Costs	\$ 3,000.00		
TOTAL	\$ 65,000.00		
DESIGN ENGINEER:		EST DESIGN COMPLETION:	
CONSTRUCTION		CONSTRUCTION START:	10/1/2023
CONTRACTOR:	City of Torrington	CONSTRUCTION END:	5/31/2024
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
	СОМІ	MENTS	
This is field ongoing up	ogrades.		



DEPARTMENT:	Public Work	PROJECT ID:	2023.008	
PROJECT TITLE:	Storm Repair/Repave			
PROJECT LOCATION:	Highhand Av. / Doman Dr.			
	PROJECT DESCRI	PTION		
Road repaving project				
PROJECT STATUS	PLANNING 🚺 DESIGN [BIDDING	CONSTRUCTION	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE	Œ:	_
1. Planning/Study				_
2. Design				<u> </u>
3. Property]
4. Construction	\$ 225,200.00	5818.0000]
5. Equipment]
6. Other Costs	\$ 28,000.00	5818.0000]
TOTAL	\$ 253,200.00			
DESIGN ENGINEER:		EST DESIGN COM	IPLETION:	
CONSTRUCTION		CONSTRUCTION	START:	10/12/2023
CONTRACTOR:	Laydon Industries	CONSTRUCTION	END:	11/17/2023
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
COMMENTS				
Repair roads damaged	d by July Flooding			



DEPARTMENT:	Public Works	PROJECT ID:	2023.004	
PROJECT TITLE:	Push Box Paving 2023			
PROJECT LOCATION:	Various			
	PROJECT DESCRIF	PTION		
Paving				
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	
1. Planning/Study]
2. Design]
3. Property]
4. Construction]
5. Equipment	\$ 7,000.00	031]
6. Other Costs	\$ 122,361.40	5818.0000]
TOTAL	\$ 129,361.40			
DECICAL ENGINEED.		EST DESIGN COL	ACCITION.	
DESIGN ENGINEER:		EST DESIGN COI		0/40/0000
CONTRACTOR	СОТ	CONSTRUCTION		6/19/2023
CONTRACTOR:		CONSTRUCTION	I END:	8/24/2023
EQUIPMENT	COT	DELIVERY DATE	:	
SUPPLIER:				
COMMENTS				
	sphalt in preparation for surface tr Rd. And Part of Funston Av.	eatments. Harris Dr.	,Hodges Hill Rd.,Bra	ıss Mill Dam



DEPARTMENT:	Public Works	PROJECT ID: 2023.010	
PROJECT TITLE:	Culvert Pipe Replacement		
PROJECT LOCATION:	Saw Mill Hill Rd.		
	PROJECT DESCRI	PTION	
Change Pipes at 500 [Block of Saw Mill Hill Rd. and raise	e road to accommodate.	
PROJECT STATUS	PLANNING DESIGN [BIDDING CONSTRUCT	ION
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	
1. Planning/Study			
2. Design			
3. Property			
4. Construction	\$ 47,000.00	5818.0000	
5. Equipment	\$ 26,500.00	5818.0000	
6. Other Costs	\$ 19,600.00	5818.0000	
TOTAL	\$ 92,000.00		
DESIGN ENGINEER:	СОТ	EST DESIGN COMPLETION:	
CONSTRUCTION		CONSTRUCTION START:	5/1/2024
CONTRACTOR:	СОТ	CONSTRUCTION END:	10/1/2024
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
COMMENTS			
Best time to be done is	s during summer dry season.		



INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Public Works	PROJECT ID:	2023.006	
PROJECT TITLE:	Sink Hole Repair			
PROJECT LOCATION:	Various			
	PROJECT DESCRI	PTION		
Repairing and unusual	amount (25) of sink holes around			
	,	,		
PROJECT STATUS	PLANNING DESIGN	BIDDING	CONSTRUCTION	\checkmark
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	_
1. Planning/Study]
2. Design]
3. Property]
4. Construction	\$ 29,750.00	5818.0000]
5. Equipment	\$ 3,115.00	031]
6. Other Costs	\$ 750.00	031]
TOTAL	\$ 33,615.00			
DESIGN ENGINEER:		EST DESIGN CON	MPLETION:	
CONSTRUCTION	City of Torrington	CONSTRUCTION		2/28/2023
CONTRACTOR:	ony or ronnigion	CONSTRUCTION	END:	12/1/2023
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
	COMMENTS			
There is many reasons for sink holes. I would say we are seeing and unusual amount of them this year because				

of the many torrential down pours through the spring and summer.



DEPARTMENT:	Public Works	PROJECT ID: 2023.007		
PROJECT TITLE:	Underdrains			
PROJECT LOCATION:	Various			
	PROJECT DESCRI	PTION		
Install drainage on road	d edge to reduce winter icing prob	lems.		
PROJECT STATUS	PLANNING DESIGN _	BIDDING CONSTRUCTION	u	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:		
1. Planning/Study				
2. Design				
3. Property				
4. Construction	\$ 25,525.00	5818.0000		
5. Equipment	\$ 5,725.00	5818.0000		
6. Other Costs	\$ 42,500.00	5818.0000		
TOTAL	\$ 73,750.00			
DESIGN ENGINEER:		EST DESIGN COMPLETION:		
			3/1/2023	
CONSTRUCTION CONTRACTOR:	СОТ	CONSTRUCTION START: CONSTRUCTION END:	11/1/2023	
			11/1/2023	
EQUIPMENT	COT	DELIVERY DATE:		
SUPPLIER:				
COMMENTS				
Under drains were done on the following roads: Allen Rd. X 2 Fredrick Dr., Funston Dr., Charles St. and Albrecht Rd.				
rtu.				



DEPARTMENT:	WPCA	PROJECT ID:			
PROJECT TITLE:	Automatic straining equipment for	Automatic straining equipment for plant water system			
PROJECT LOCATION:	Water Resource Recovery Facili	ity			
	PROJECT DESCRI	PTION			
The plant water system currently has, manual screenings as installed. We have found that is been a continuous demand on labor, and excess amount of call outs during off hours for staff. We are exploring installing an automatic straining equipment that would ultimately save on labor and keep the equipment that requires plant water to run without upsets.					
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRUCT	ION		
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:			
1. Planning/Study	\$ 20,000.00	WPCA Fund31			
2. Design					
3. Property					
4. Construction	\$ 40,000.00	WPCA Fund31			
5. Equipment	\$ 100,000.00	WPCA Fund31			
6. Other Costs					
TOTAL	\$ 160,000.00				
DESIGN ENGINEER:	Wright-Pierce	EST DESIGN COMPLETION:	4/1/2024		
CONSTRUCTION	TDD	CONSTRUCTION START:			
CONTRACTOR:	TBD	CONSTRUCTION END:			
EQUIPMENT		DELIVERY DATE:			
SUPPLIER:					
	COMM	MENTS			
currently in contact wi	th a few manufactures to see what	system would meet our needs.			



DEPARTMENT:	WPCA	PROJECT ID: D-15		
PROJECT TITLE:	Brightwood Ave Sewer Replacement			
PROJECT LOCATION:	Brightwood Ave			
	PROJECT DESCRI	PTION		
The sewer line on Brightwood Ave between. Alice St to Winthrop Street we found several problems. The line bottlenecks down to smaller sized pipe. Manhole that is always surcharged with the flow going through a bypass line. Part of a line crushed. Due to this area taken on more flow due to the new High school construction and future development on Kennedy Drive it is important for these problems to be addressed. We are looking to pick up the 15-inch line and run into the 15-inch line on the other side of Winthrop St. with no bypass lines.				
PROJECT STATUS	PLANNING 🗸 DESIGN [✓ BIDDING ✓ CONSTRUCTION	ı	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:		
1. Planning/Study	\$ 75,000.00	WPCA Fund 490/ CWF loan		
2. Design	\$ 75,000.00	WPCA Fund 490/ CWF loan		
3. Property				
4. Construction	\$ 450,000.00	WPCA Fund 490/ CWF loan		
5. Equipment	\$ 200,000.00	WPCA Fund 490/ CWF loan		
6. Other Costs				
TOTAL	\$ 800,000.00			
DESIGN ENGINEER:	Wright-Pierce	EST DESIGN COMPLETION:	9/1/2023	
CONSTRUCTION	TDD	CONSTRUCTION START:	4/1/2024	
CONTRACTOR:	TBD	CONSTRUCTION END:		
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
COMMENTS				
the design is completed and this project is excepted to be put out to bid before the end of 2023.				



DEPARTMENT:	Water Pollution Control	PROJECT ID:	CIP D1A	
PROJECT TITLE:	Central Basin SSES			
PROJECT LOCATION:	Central Sewer Basin			
	PROJECT DESCRI	PTION		
Project involves the performance of flow isolation, light cleaning and closed-circuit television (CCTV) inspection, physical survey of manholes and smoke testing services related to the sanitary system of the City's Central Basin. Goal to remove I & I from the basin. Upon completion of the SSES project will move to Design and construction phase.				
PROJECT STATUS	PLANNING 🗸 DESIGN	BIDDING	CONSTRUCTION	ı 🔃
PROJECT COST 1. Planning/Study	ESTIMATED COST: \$ 270,000.00	FUNDING SOUR	CE:	
2. Design	\$ 340,000.00	CWF		
3. Property				
4. Construction	\$ 4,200,000.00	CWF		
5. Equipment				
6. Other Costs				
TOTAL	\$ 4,810,000.00			
DESIGN ENGINEER:	TBD	EST DESIGN CO	MPLETION:	1/1/2024
CONSTRUCTION CONTRACTOR:	TBD	CONSTRUCTION CONSTRUCTION		
EQUIPMENT		DELIVERY DATE	:	
SUPPLIER:				
	COMM	MENTS		
Central Drainage Basin Phase III, Construction/Rehabilitation of Cost effective improvements as identified in the Infiltration/Inflow (I/I) Study. To Reduce sources of excessive water (storm & ground water) entering the sanitary sewer system.				



DEPARTMENT:	WPCA D-5	PROJECT ID:	D-5	
PROJECT TITLE:	Cinnamon Ridge Pump station			
PROJECT LOCATION:	Sage Way			
	PROJECT DESCRII	PTION		
The station currently serves the Cinnamon Ridge subdivision and Fuel Cell Energy of Technology Park. Fuel Cell Energy is proposing an expansion of their facility. The station has been starting to struggle keeping up with increased flows. Fuel Cell has put one fuel cell online. With the potential development in this area past planning considered this station would be a viable candidate for elimination. If study shows elimination to not be possible then upgraded pumps, controls, and on-site generator are needed at this time.				
PROJECT STATUS	PLANNING 🗸 DESIGN	BIDDING	CONSTRUCTION	
PROJECT COST	ESTIMATED COST:	FUNDING SOUR	CE:	
1. Planning/Study	\$ 60,000.00	WPCA Fund 490	/ CWF loan	
2. Design				
3. Property				
4. Construction	\$ 200,000.00	WPCA Fund 490/ CWF loan		
5. Equipment	\$ 400,000.00	WPCA Fund 490	/ CWF loan	
6. Other Costs				
TOTAL	\$ 660,000.00			
DESIGN ENGINEER:	TBD	EST DESIGN CON	19LETION: 12/1/2024	
CONSTRUCTION		CONSTRUCTION	START:	
CONTRACTOR:		CONSTRUCTION	END:	
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
COMMENTS				



DEPARTMENT:	WPCA	PROJECT ID: D-12	
PROJECT TITLE:	Evergreen, Cliffside, and Winsted Rd Pump Station upgrades		
PROJECT LOCATION:	Evergreen Dr., Cliffside Dr,and Winsted Rd		
	PROJECT DESCRI	IPTION	
Evergreen & Cliffside Stations were built in late 70's for Lakeridge Complex. Station capacities are adequate to continue to serve area. Electrical and Mechanical components will need to be upgraded. New Pumps installed in Cliffside in 2011- Controls upgraded 2023- Remainder of station still needs upgrade. One New Pump Installed at Evergreen in 2016 -2nd pump added in 2017 controls and building rebuilt 2023- Wet Well, Generator need upgrade. Winsted Rd Pump Station original constructed in 1992 will need upgrades to Electrical, Mechanical and Control Systems. At projected time of proposed modifications station will have been in continuous service for 32 years			
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING CONSTRUCTION	1
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	\neg
1. Planning/Study	\$ 50,000.00	WPCA Fund31	\dashv
2. Design			╡
3. Property	* 200 000 00	IMPOA Fund 24/ OMF In an	\dashv
4. Construction	\$ 200,000.00	WPCA Fund 31/ CWF loan	\dashv
5. Equipment	\$ 600,000.00	WPCA Fund31	=
6. Other Costs			
TOTAL	\$ 850,000.00		
DESIGN ENGINEER:		EST DESIGN COMPLETION:	
CONSTRUCTION CONTRACTOR:	TBD	CONSTRUCTION START: CONSTRUCTION END:	6/1/2024
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
COMMENTS			
WPCA staff has been completing much of the labor on work completed. (rebuild of building, new controls) Plan on going out to bid for generators for Evergreen and Cliffside early 2024. Planning to go out to bid for sleeving wet well at Evergreen.			



INFRASTRUCTURE IMPROVEMENT PROJECT STATUS REPORT

DEPARTMENT:	Water Pollution Control	PROJECT ID: CIP D-9	
PROJECT TITLE:	Harris Drive Pump Station Rehabilitation		
PROJECT LOCATION:	Harris Drive		
	PROJECT DESCRIPTION		
this project involves the rehabilitation of the Harris Drive Pump Station which was built in 1979, this is the WPCA's largest station and serves north end of Torrrington. Including new electrical, mechanical systems, new emergency power generation system and other appurtenants. Additional station is in a flood plane and will include flood proofing.			
PROJECT STATUS	PLANNING 🗸 DESIGN	BIDDING CONSTRUCTION	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	
1. Planning/Study	\$ 300,000.00	WPCA Fund31/CWF Grant	
2. Design	\$ 300,000.00	WPCA Fund 31/ CWF loan	
3. Property			
4. Construction	\$ 2,000,000.00	CWFL/ USC Grant	
5. Equipment	\$ 500,000.00	WPCA Fund 31/ CWF loan	
6. Other Costs	\$ 25,000.00		
TOTAL	\$ 3,125,000.00		
DESIGN ENGINEER:	TBD	EST DESIGN COMPLETION:	
CONSTRUCTION	TDD	CONSTRUCTION START: 6/1/2024	
CONTRACTOR:	TBD	CONSTRUCTION END:	
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			

COMMENTS

The Planning portion of this project is eligible for 55% Grant under CWF\Design and construction is eligible for CWF loan @2%

A grant application submitted to Senator Murphy's team for a US Congressional Grant and Torrrington. WPCA was awarded \$1.6 million toward this project.

Currently we are going through the RFQ process for Engineering services, which is a requirement for the grant.





Flooding Hurricane Sandy



DEPARTMENT:	WPCA	PROJECT ID:	
PROJECT TITLE:	Lyman Drive sewer replacement		
PROJECT LOCATION:	Lyman Drive		
	PROJECT DESCRI	PTION	
During the East basin lining project a section of Lyman Drive sewer was not straight but curved with many open joints. It was planned to repair this section adding 2 manholes and about 240 LF of 8 inch main, to make the section straight. Proposals were requested from the WPCA on Call contractors. We expect this work to be completed before the end of 2023.			
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRUCTION	N
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	_
1. Planning/Study			
2. Design			_
3. Property			
4. Construction	\$ 60,000.00	WPCA Fund 490	_
5. Equipment			_
6. Other Costs			
TOTAL	\$ 60,000.00		
DESIGN ENGINEER:		EST DESIGN COMPLETION:	
CONSTRUCTION		CONSTRUCTION START:	9/11/2023
CONTRACTOR:	Yield Industries	CONSTRUCTION END:	
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
	COMI	MENTS	



DEPARTMENT:	WPCA	PROJECT ID:	
PROJECT TITLE:	Palmer Bridge St sewer replacement		
PROJECT LOCATION:	Palmer Bridge St		
	PROJECT DESCRI	IPTION	
this road was scheduled to be rebuilt so during the pre-construction CCTV that the WPCA does before new road construction it was discovered the approximately 618 LF of the mainline was in need of replacement. The city Engineer designed the replacement and the WPCA requested proposals from the WPCA on call contractors. Yield Industries was the lowest bid. The work was complete December 2022.			
PROJECT STATUS	PLANNING DESIGN	BIDDING CONSTRUCTIO	ON 🗸
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	_
1. Planning/Study			_
2. Design			=
3. Property			
4. Construction	\$ 86,004.37		
5. Equipment			
6. Other Costs			
TOTAL			
DESIGN ENGINEER:	COT Engineer Dept	EST DESIGN COMPLETION:	9/30/2022
CONSTRUCTION		CONSTRUCTION START:	12/8/2022
CONTRACTOR:	Yield Industries	CONSTRUCTION END:	12/31/2022
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
COMMENTS			
All laterals that were not contacted were eliminated.			



DEPARTMENT:	WPCA	PROJECT ID:	D-21	
PROJECT TITLE:	Secondary Scum piping reroute			
PROJECT LOCATION:	Water Resource Recovery Facility			
	PROJECT DESCRI	IPTION		
Scum piping out of scum well connected to the Final Settling Clarifiers are currently piped into the Waste Sludge Piping which discharges into to solids handling system. The scum pumps can't run automatically because it overwhelms the solids handling system. This plan would reroute the piping up to the head of the primary settling tanks. This will allow the scum pumps to be automated.				
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING	CONSTRUCTION	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE	CE:	
1. Planning/Study	\$ 25,000.00	WPCA Fund31]
2. Design	\$ 25,000.00	WPCA Fund31]
3. Property]
4. Construction	\$ 100,000.00	WPCA Fund31]
5. Equipment	\$ 100,000.00	WPCA Fund31]
6. Other Costs				1
TOTAL	\$ 250,000.00			_
DESIGN ENGINEER:	Wright-Peirce Eng	EST DESIGN CON	IPLETION:	11/1/2023
CONSTRUCTION CONTRACTOR:	TBD	CONSTRUCTION CONSTRUCTION		12/1/2023 5/1/2024
EQUIPMENT SUPPLIER:	TBD	DELIVERY DATE:		
COMMENTS				
Most of the design is done. outside piping and the inside mechanical piping will bid separately				



DEPARTMENT:	WPCA	PROJECT ID: D-3Ab		
PROJECT TITLE:	Toro Siphon Project			
PROJECT LOCATION:	Perkins Street -Toro Field parkir	Perkins Street -Toro Field parking lot		
	PROJECT DESCRI	PTION		
Evaluation and rehabilitation of 3 barrel siphon located at Toro Field. Inlet siphon is in need of modifications and investigate potential for encasement of three barrels and reinforcement of undermining of pipes. Potential to seek alternate route for new sewer installation along east bank of Naugatuck River to WPCF. Project could potentially be coordinated with Greenway Project.				
PROJECT STATUS	PLANNING 🗸 DESIGN [BIDDING CONSTRUCTIO	N	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	_	
1. Planning/Study	\$ 180,000.00	WPCA Fund 490/ CWF loan	\supseteq	
2. Design			\supseteq	
3. Property				
4. Construction				
5. Equipment				
6. Other Costs				
TOTAL				
DESIGN ENGINEER:	Wright-Pierce	EST DESIGN COMPLETION:	12/1/2024	
CONSTRUCTION	TDD	CONSTRUCTION START:		
CONTRACTOR:	TBD	CONSTRUCTION END:		
EQUIPMENT		DELIVERY DATE:		
SUPPLIER:				
	СОМІ	MENTS		



DEPARTMENT:	WPCA	PROJECT ID: D-2	
PROJECT TITLE:	Winsted Road Forced main		
PROJECT LOCATION:	Winsted Rd		
	PROJECT DESCR	PTION	
Winsted Road Forced Main was built in mid 70's. In the section that crosses Winsted Road, there are two lines that have experienced breaks in the line. We are looking at all options. The city is exploring grant money for a tunnel for the expansion of the Sue Grossman Greenway trail which the two project could be done together.			
PROJECT STATUS	PLANNING DESIGN	✓ BIDDING CONSTRUCTION	
PROJECT COST	ESTIMATED COST:	FUNDING SOURCE:	
1. Planning/Study	\$ 100,000.00	WPCA Fund 490/ CWF loan	
2. Design			
3. Property			
4. Construction	\$ 1,000,000.00	WPCA Fund 490/ CWF loan	
5. Equipment			
6. Other Costs			
TOTAL	\$ 1,100,000.00		
DESIGN ENGINEER:	Wright-Peirce Eng	EST DESIGN COMPLETION: 12/1/2023	
CONSTRUCTION	TDD	CONSTRUCTION START: 6/1/2024	
CONTRACTOR:	TBD	CONSTRUCTION END:	
EQUIPMENT		DELIVERY DATE:	
SUPPLIER:			
	СОМ	MENTS	

