

TOWN OF WATERTOWN  
PUBLIC WORKS DEPARTMENT



**Capital Improvement  
Program (CIP)**

**2024**

**Year of Accomplishments**

# TOWN OF WATERTOWN PUBLIC WORKS DEPARTMENT

(Mission Statement on Page 23)



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# INTRODUCTION TO THE PUBLIC WORKS DEPARTMENT

The Department of Public Works encompasses the Highway Division, the Transfer Station, the Engineering Department, and the Water & Sewer Department.

## Highway Garage

The Highway Division of the Public Works Department is responsible for various seasonal operations ranging from snow removal to street sweeping, roadway maintenance, sidewalk repairs, signs and guardrails, drainage work, roadside mowing, and tree trimming/removal.

Responsibilities of this department include:

- ⇒ Maintenance of 145 miles of accepted paved roads
- ⇒ 30 miles of storm sewers
- ⇒ 49 detention basins
- ⇒ 37 miles of sidewalks
- ⇒ 4,503 catch basins
- ⇒ 4 dams
- ⇒ 26 bridges/culverts, and 6 bridges over 20 feet

# Engineering

The Engineering Department is comprised of the Town Engineer, an Assistant Town Engineer and Engineer Technicians. This division of Public Works is responsible for project planning and oversight of construction, tree removal, and paving work in the town.

## Water & Sewer

The Watertown Water and Sewer Authority operates with a staff of 8 employees to services approximately 4,500 customers. Our Administration staff is responsible for customer service, billing, collections, scheduling, budget and all administrative duties. Operations is tasked with annual hydrant flushing & repairs, water & sewer pipe repairs, water & sewer inspections, weekly water compliance samples, inspection & testing of backflow prevention devices, and CBYD (Call Before You Dig) tickets. Responsibilities of this department include:

- ⇒ 70 miles of water main
- ⇒ 3 water booster stations
- ⇒ 2 water storage tanks
- ⇒ 650 hydrants
- ⇒ 60 miles of sanitary sewer pipes
- ⇒ 7 sewer lift stations
- ⇒ 2,000 manholes

## Transfer Station

The Transfer Station is open year-round, serving Watertown residents and assisting with the disposal of solid waste, bulk waste, and recyclables.

# WOOLSON STREET BRIDGE



Woolson Street Bridge, Watertown, Circa 1890's

**PROJECT NAME:** Woolson Street Bridge Replacement

**STATE PROJECT #** 9153-4409

**PROJECT DESCRIPTION:**

After state inspection, it was found that Woolson Street Bridge was in need of replacement for safety and to improve traffic conditions. Replacement of the bridge will provide safer and more efficient travel.

**FUNDING:**

**MUNICIPAL:** \$1,455,330

**STATE MATCH:** \$1,455,330

**TIMELINE:**

**START:** Spring of 2023

**COMPLETION:** Spring of 2024 (estimated)

**DESIGNER:**

SLR

**CONTRACTOR:**

Dayton Construction

# GUERNSEYTOWN ROAD RECONSTRUCTION



Guernseytown Road, Watertown

**PROJECT NAME:** Guernseytown Road Reconstruction

**STATE PROJECT #** L153-0003

**PROJECT DESCRIPTION:**

The realignment of the intersection of Guernseytown Road and West Road, for improved sightlines and increased safety. The project is a part of the broader vision of creating a safer, more accessible community.

**FUNDING:**

**LOTICIP Grant:** The project is 100% state funded with approximately \$4,300,000 under the Local Transportation Capital Improvement Program (LOTICIP) by the State of Connecticut Department of Transportation (DOT)

**TIMELINE:**

**START:** Summer of 2023

**COMPLETION:** Fall of 2024 (estimated)

**DESIGNER:**

Weston & Sampson

**CONTRACTOR:**

Guerrera Construction

# PAVEMENT REHABILITATION

\$5.5 Million Per Year—5 Year Plan	To Road Surface Rating (RSR) of 100
\$3.8 Million Per Year—10 Year Plan	
Request: \$5 Million Bond Every Other Year	

**PROJECT NAME:** Road Study/Pavement Rehabilitation

**PROJECT DESCRIPTION:**

The Town of Watertown retained BETA Group, Inc. (BETA) to provide pavement management services to better maintain the Town’s roadway network. This comprehensive study was undertaken with the goal of establishing an extensive database of roadway surface conditions to produce a prioritized list of improvements.

Road Surface Rating (RSR) for Watertown’s Town maintained roadway network was 60.81. The state average RSR is 72 and the Town of Watertown is planning to bring our score up to the state average.

**FUNDING:**

A multi-year Capital Improvement Plan (CIP) has been put into motion in order to obtain this goal. Funding has been secured through Town Bonding and American Rescue Plan Act (ARPA). The plan will be available on the town website showing the current roads to be worked on in the future.



# PAVEMENT REHABILITATION



Hungerford Avenue, Watertown

**PROJECT NAME:** Various Pavement Rehabilitation Projects

**PROJECT DESCRIPTION:**

Following the BETA Road Study, the Public Works Department began a program to improve road conditions over time. It was found that \$45 million would be need to repair or replace every road in town. The improvement plan will take a decade with a majority of funding going towards milling and paving, and full depth reconstruction with improvements to drainage, where applicable. Preventative maintenance for preservation of roads in more acceptable condition will consist of skim/shim paving, crack sealing, chip sealing, and fog sealing. Priority will be placed on the most damaged, and highly traveled roads based on the BETA study. Continued residential support for funding will be imperative to keep the program running.

**FUNDING:**

**BONDING:** \$5,000,000; Budget Referendum November 2022  
\$2,500,000 (50%); allocated to date

**ARPA:** \$1,500,000

# STEELE BROOK GREENWAY



**PROJECT NAME:** Steele Brook Greenway

**STATE PROJECT #** 153-125

**PROJECT DESCRIPTION:**

Extension of existing trail by approximately 3,800 feet from Unico Field to French Street where it connects to gravel path at Siemon Company. A new prefabricated pedestrian bridge to be installed over Steele Brook. Minor drainage adjustments, fencing, landscaping, and paved surface to ADA Standards.

**FUNDING:**

**GRANT AWARD:** \$489,900; State/Federal

**MUNICIPAL MATCH:** \$122,475; 20%

**DESIGNER:**

Weston & Sampson

# NAUGATUCK RIVER GREENWAY



**PROJECT NAME:** Naugatuck River Greenway

## **PROJECT DESCRIPTION:**

The Naugatuck River Greenway Routing Study recommended a route through Watertown as part of a 44-mile regional greenway project in the Central Naugatuck Valley Region. A study was conducted and is aligned with surrounding towns with similar plans.

It is the goal of the Naugatuck River Greenway (NVG) and the Town of Watertown to offer non-motorized, accessible pathways that provide access along the public river in support of activities such as fishing and biking. Funding has been secured in the amount of \$2.4 Million for design. The segment is from Frost Bridge to the Branch Brook/Thomaston line, to the future Thomaston Greenway segment.

Watertown is in discussion with Waterbury and NVCOG about extending southerly link with Waterbury Greenway.

## **FUNDING:**

CT DEEP: \$300,000; Permit & Studies—Professional  
Consultant  
In-House Design

# MAIN STREET

## Improvements in Oakville/Watertown

The Town of Watertown has a broad vision for the future of Main Street from Oakville, through downtown Watertown. Beyond beautification, the goal is to create a safer and more accessible community. There are several projects that have begun to take shape to support this initiative.



Main Street, Watertown

# MAIN STREET

Rectangular Rapid Flashing Beacons (RRFB)

Traffic Light at Mobil Station Driveway

## Sidewalk from Starbucks to St John's Wall



PROJECT NAME: Main Street Operational & Safety Improvement Project

STATE PROJECT # 153-124

### PROJECT DESCRIPTION:

Various projects including a light head that will be installed at the intersection of Woodruff at the Mobil Station, Rectangular Rapid Flashing Beacons (RRFB's) that will be added to enhance pedestrian safety along Main Street, and an addition of a sidewalk to run from Starbucks to the St. John's School wall. Utilizing the Road Safety Audit (RSA) study for safety improvement.

### FUNDING:

GRANT AWARDS: \$128,000; 2020 STEAP grant

MUNICIPAL MATCH: \$128,000

### DESIGNER:

RRFB: Weston & Sampson

SIDEWALK: In-House

TRAFFIC LIGHT: SLR

# MAIN STREET

## Heminway Park Road Enhancement

### PROJECT DESCRIPTION:

Conversion of Heminway Park Road into a one-way street with an addition of approximately 23 parking spaces. The work would include renovating the entire width of the street, including replacement of concrete sidewalks and curbs to provide for safe and accessible pedestrian mobility to the downtown area.

STATE PROJECT # 153-126

### FUNDING:

GRANT AWARD: \$250,000; 2022 STEAP grant

MUNICIPAL MATCH: \$60,000

### DESIGNER:

In-House

Off-Street Parking Lot

Greenberg Property

### PROJECT DESCRIPTION:

Expansion of Greenberg Property development involving the demolition of the white building located at 680 Main Street, Watertown. Project aims to add 52 new parking spaces in the downtown area and reduce the amount of on-street parking to improve sightline distance. The parking lot will include Electric Vehicle (EV) charging stations and energy efficient LED lighting.

### FUNDING:

ARPA: \$1,500,000; American Rescue Plan Act

# MAIN STREET

## Complete Street Improvements

### Main Street Corridor

#### PROJECT DESCRIPTION:

The designed improvements will include operational and safety improvements along Main Street/CT Route 63 between Baldwin Street and French Street. Limited visioning study and designs for Oakville to Waterbury line. The selected consultant will review previous studies and recommendations developed by the town and will coordinate with other ongoing design and construction projects within the project limits. Study and design goals include the following:

- ⇒ create a safe and walkable town center
- ⇒ balance the needs for all travel modes
- ⇒ enhance safe bus transit connectivity
- ⇒ accommodate individuals ranging in physical ability
- ⇒ consider the necessary interactions between roadway and adjacent land uses
- ⇒ incorporate linkages to community resources such as off-street parking and Steele Brook Greenway
- ⇒ establish gateway treatments and changes to the character of the corridor to influence driver behavior
- ⇒ promote economic development
- ⇒ improve quality of life for our community

#### FUNDING:

GRANT AWARD: \$3,000,000; 2023 Congresswoman  
Johanna Hayes Grant

ARPA: \$2,400,000; American Rescue Plan Act  
funds

#### DESIGNER:

Tighe & Bond

# MAIN STREET

## **St. John's Wall Reconstruction**

**PROJECT NAME:** St. John's Wall Reconstruction

**PROJECT DESCRIPTION:**

In the future, with successful acquisition of a Community Connectivity Grant, the removal and replacement of St. John's School wall, constructing a new wall further back from the road.

**FUNDING:**

**GRANT AWARDS:** \$800,000 Community Connectivity Grant  
(decision pending; we are next in line to be awarded the grant)

**DESIGNER:**

To be determined



# ADA SIDEWALK PROJECT

## Americans with Disabilities Act Sidewalk Improvements



**PROJECT NAME:** Americans with Disabilities Act (ADA) Sidewalk Improvements

**STATE PROJECT #** L153-0002

**PROJECT DESCRIPTION:**

The project aims to renovate the sidewalk ramps at approximately 200 locations throughout Watertown. These renovations will make crosswalks safer and more accessible for citizens with disabilities, and shall be designed in compliance with the standards set by the Americans with Disabilities Act (ADA). For more information about The Americans with Disabilities Act (ADA), visit: [www.ada.gov](http://www.ada.gov)

**FUNDING:**

LOTICIP: \$2,750,000;  
Local Transportation Capital Improvement Program

**DESIGNER:**

In-House, reviewed by NVCOG, Weston & Sampson, and DOT

# WATERTOWN FOUNDATION PARK



**PROJECT NAME:** Watertown Foundation Park

**PROJECT DESCRIPTION:**

A half acre-of property located at the intersection of Echo Lake Road and Route 262 will be developed into a park and used for recognizing and education the public about community service.

**FUNDING:**

Watertown Foundation Sponsorship for a portion of the project.

# NEW REQUEST HIGHWAY GARAGE RENOVATIONS



**PROJECT NAME:** Highway Garage Renovations

**STATE PROJECT #** 153-149

**PROJECT DESCRIPTION:**

Replacement of the roof, fence/gate, and windows. Installation of smoke/fire detection, carbon monoxide detection, addition to extend office space, painting, and line striping.

**FUNDING:**

**GRANT AWARD:** \$500,000 from 2023 STEAP grant

**MUNICIPAL MATCH:** \$100,000

# NEW REQUEST

## DRAINAGE IMPROVEMENTS

**PROJECT NAME:** Various Road Reconstruction/Drainage Improvements

**PROJECT DESCRIPTION:**

Part of a \$4,000,000 5-10 year program for drainage improvements.

**FUNDING:**

**BONDING:** \$250,000; per year

Detention Basins (49 Total)	\$704,000
Culvert/Pipe Replacement	\$340,000
Catch Basins	\$416,000
Driveway Aprons	\$500,000
Cleaning Steele Brook and Turkey Brook	\$365,000
New Detention Basins	\$450,000
Material for Stockpile	\$283,800
Four Town Owned Dams	\$50,000
GIS Layers	\$75,000
Mower	\$125,000
Pipe Lining	\$225,000
Grant Writer - 35% Designs	\$75,000
Drainage Intern	\$125,000
Town Work Crews	\$181,440
<b>GRAND TOTAL</b>	<b>\$3,915,240</b>
<b>PER YEAR FOR 5 YEARS</b>	<b>\$783,048</b>
<b>DEPARTMENT REQUEST PER YEAR</b>	<b>\$250,000</b>

# NEW REQUEST ELECTRIC VEHICLE (EV) STATIONS GRANT



**PROJECT NAME:** DEEP's VW Diesel Emissions Mitigation Program

**PROJECT DESCRIPTION:**

Install 7 Dual-Port Level 2 Chargers on Outdoor Pedestals.

**Locations:**

- ⇒ 61 Echo Lake Road, Watertown
- ⇒ 680 Main Street, Watertown
- ⇒ 0 Depot Street, Watertown
- ⇒ Hemingway Park Road, Watertown
- ⇒ 29 Davis Street, Oakville

**FUNDING:**

**GRANT AWARD:** \$147,550

**MUNICIPAL MATCH:** \$79,450

**TOTAL:** \$227,000

# WATER & SEWER

To be added in Fiscal Year 2025/2026.

Water & Sewer has a separate Capital Improvement Plan  
for Fiscal Year 2024/2025

# PUBLIC WORKS MISSION

The mission of the Department of Public Works is to provide the residents, businesses, and visitors of the Town of Watertown with high-quality, efficient, and responsive services. The key is to improve our infrastructure.

## **Vision**

Our commitment to our mission ensures an exceptional quality of life, promotes economic prosperity, and improves mobility for the residents of Watertown. We strive to continuously improve our operations to provide a safe and sustainable environment.

## **Core Values and Operating Principles**

- ⇒ Customer Service –
- ⇒ Excellence –
- ⇒ Teamwork –
- ⇒ Integrity –
- ⇒ Accountability –
- ⇒ Innovation –
- ⇒ Adaptability –
- ⇒ Commitment –
- ⇒ Education –

# Town of Watertown

## Public Works Department

# Capital Improvement Program (CIP)

**2024**  
Year of Accomplishments



**Address:**

61 Echo Lake Road  
Watertown, CT 06795

**Phone:**

203 - 945 - 5240

**Web:**

[https://watertownct.org/departments/public\\_works\\_department](https://watertownct.org/departments/public_works_department)