



## Winter Is Coming



**Is your Mailbox Ready?**

**Join the Community Relations Committee**

**November 16, 2022**

**6:30 PM**



Town Hall Annex or Online  
To find out about the services  
Ledyard Public Works provides

- ✓ Snow Plowing
- ✓ Trash and Recyclables Collection
- ✓ Transfer Station Operations
- ✓ Road Maintenance
- ✓ Roadside Mowing - Tree Trimming
- ✓ Buildings and Grounds Maintenance



### Bring your questions:

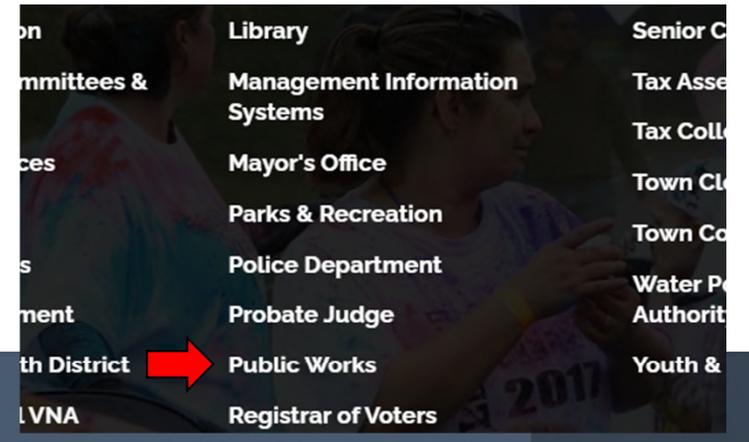
- "Why does my driveway get plowed in right after I shovel?"
- "When is my street getting paved?"
- And the ever popular: "Why can't I recycle this?"



**Ledyard Public Works Department**



# Intro



Road Maintenance Plan

Roadwork Notices

Stormwater Pollution  
Prevention

Trash & Recycling

Public Works Annual  
Report

Warning & Advisory Signs  
Update

Winter Operations Facts &  
FAQs

Home › Departments › Public Works

▼ A ▲

## Public Works

### Overview

#### Responsibilities

The Public Works Department is responsible for a wide range of town services associated with:

- Road and building management, maintenance, and improvements
- Vehicle fleet maintenance
- Waste collection and disposal

### Road Maintenance

The realm of road maintenance includes many specific services, such as:

- Catch basin cleaning
- Drainage repairs and improvements
- Road patching and resurfacing
- Roadside mowing and vegetation control
- Snow removal
- Street sweeping
- Traffic signs and markings

### Waste Management

Waste management services include curbside trash, recyclables, and bulky waste collection and operation of a part-time transfer station.

### Engineering Design & Review

The department also administers engineering design and review associated with town infrastructure projects and development and satisfies various compliance requirements related to federal and state programs governing both roads and waste management. The department accomplishes its tasks through a combination of in-house staff and contract services.

## Contact Us

**PUBLIC WORKS DEPARTMENT**  
Town Garage  
889R Colonel Ledyard Highway  
Ledyard, CT 06339-1511

**Town Garage Hours**  
Monday - Friday  
7:30 a.m. – 3:30 p.m.

**Director's Office**  
741 Colonel Ledyard Highway  
Ledyard, CT 06339-1511

**Director's Hours**  
Monday - Friday  
8:30 a.m. – 4:30 p.m.

**Steve Masalin**  
Director  
Phone: 860-464-3238  
Fax: 860-464-1126  
[Email](#)

**Joseph Tillmann**  
Highway Superintendent  
Phone: 860-464-9060 ext 1  
Fax: 860-464-9160  
[Email](#)

**Shawn Ruszczyk**  
Building/Grounds Foreman  
Phone: 860-464-9060 ext 2  
Fax: 860-464-9160  
[Email](#)

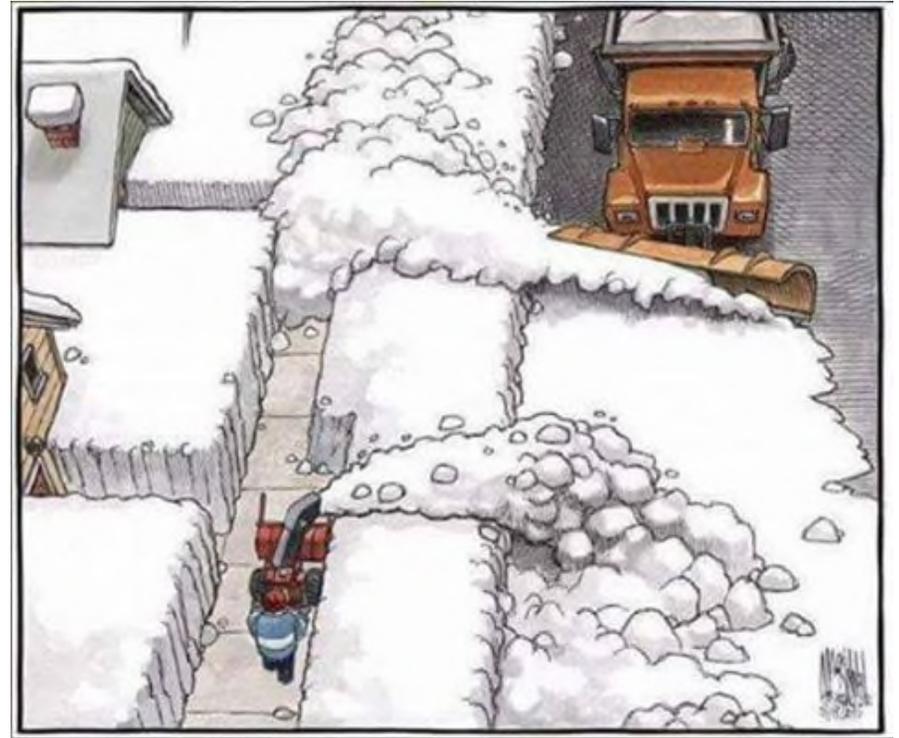
**Ralph Michaud**  
Maintenance Foreman  
Phone: 860-464-9060 ext 3  
Fax: 860-464-9160  
[Email](#)

[Staff Directory](#)

# Winter Operations

## *Plowing Info*

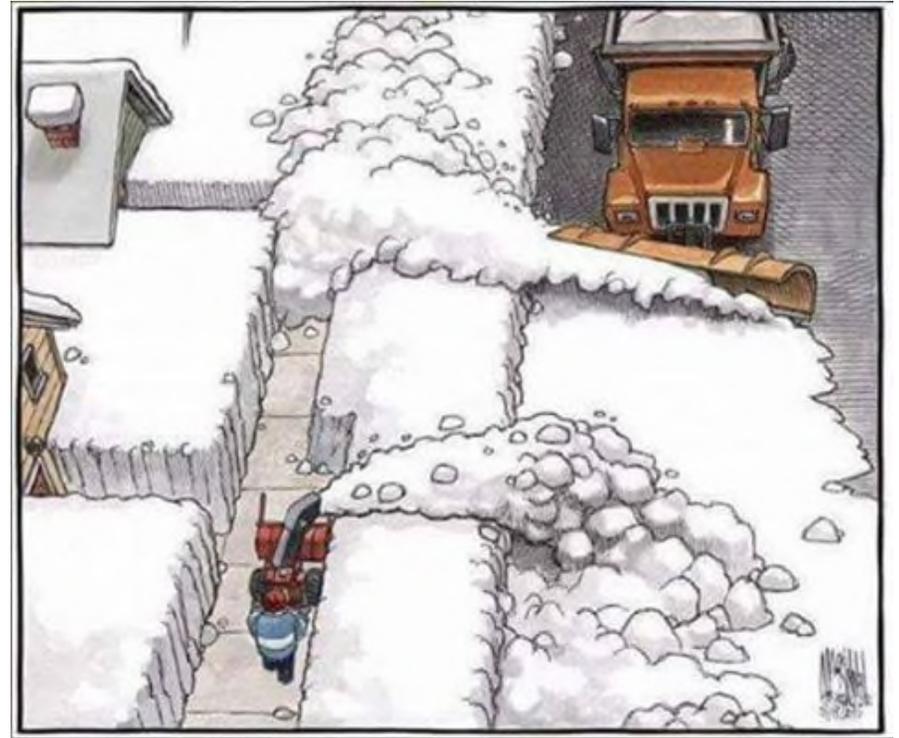
- Protocols
  - Mobilization
  - Plowing priorities



# Winter Operations

## *Plowing Info*

- Protocols
- Routes

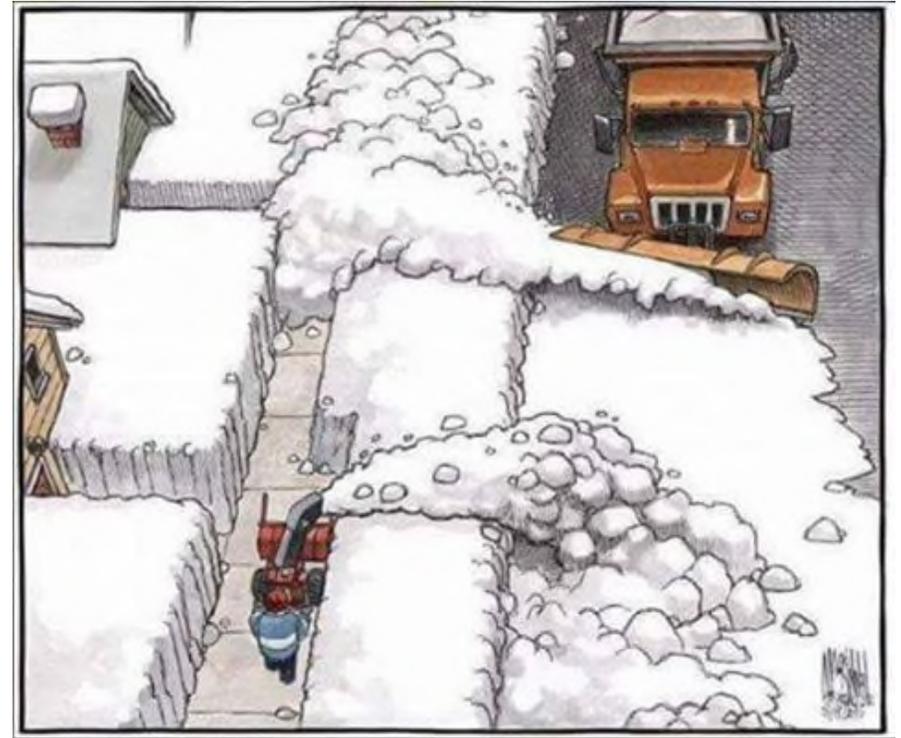


- 11 Plow Routes — ave of 10 miles each
- About 2-3 hours to complete simple pass
- About 8 hours to complete final cleanup

# Winter Operations

## *Plowing Info*

- Protocols
- Routes
- Parking Ban

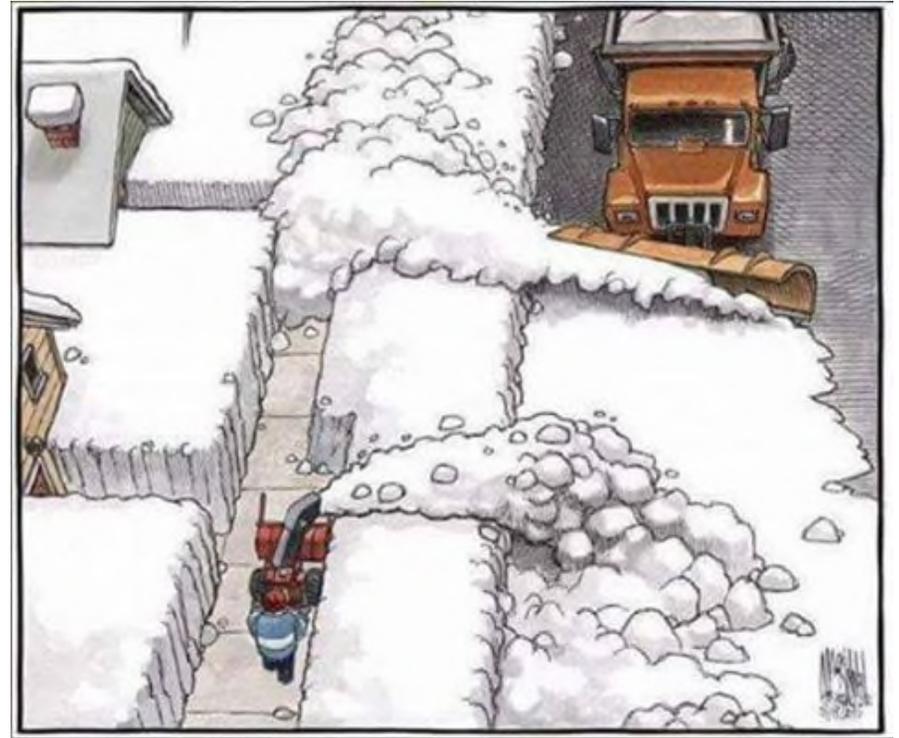


- Ordinance 300-027
- No on-street parking 1 to 6 AM from 12/1 to 3/31
- No on-street parking during declared parking ban

# Winter Operations

## *Plowing Info*

- Protocols
- Routes
- Parking Ban
- Complaints/Questions



Calls should be directed to:  
Highway Superintendent, 860-464-9060, ext 1

# Mailboxes

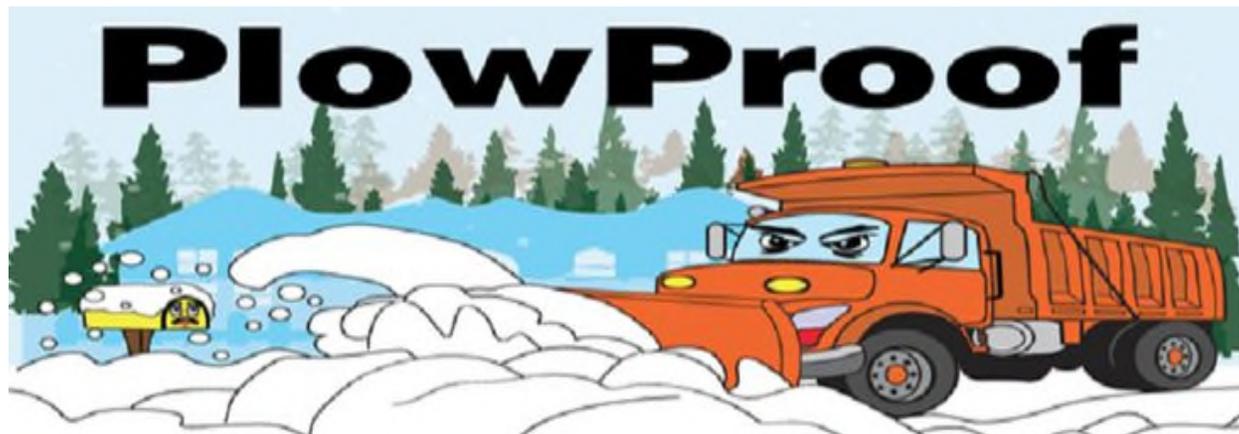
The Public Works Department will repair damaged mailboxes only if damage is the result of direct contact with the plow.

Damage will not be repaired by the Town if it is the result of:

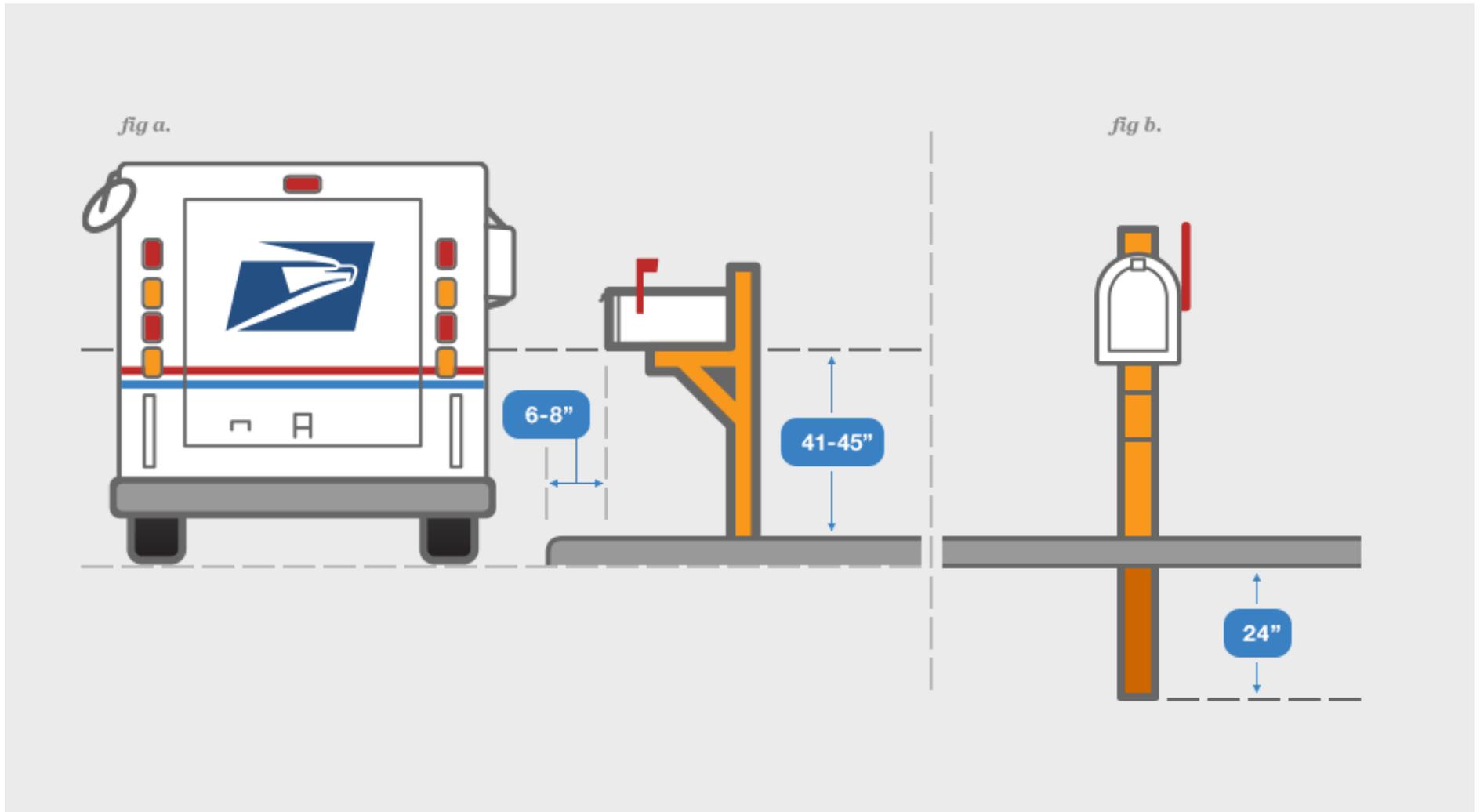
- contact by only slush or snow
- improper installation, placement, or deteriorated condition of its post or support structure

Residents should evaluate the location and condition of their mailboxes:

- Securely fastened to a sturdy post solidly anchored in the ground?
- Mailbox assembly can withstand exposure to the substantial weight of a heavy snow cast from a large plow?



# Official USPS Guidance for Mailbox Placement





Road Maintenance Plan

Roadwork Notices

Stormwater Pollution Prevention

Trash & Recycling

Public Works Annual Report

Warning & Advisory Signs Update

Winter Operations Facts & FAQs



Library

Management Information Systems

Mayor's Office

Parks & Recreation

Police Department

Probate Judge

Public Works

Registrar of Voters



## Town of Ledyard

### Winter Operations Facts and FAQs

er season, keeping Town roads safe and free of snow  
yard Public Works Department (PWD). Hazardous road co  
ation or weather events. These events include snow, sleet,  
se categories there are additional varieties of effects. Our  
uring the storm and to clear the streets, curb to curb, withi  
times the PWD faces tricky circumstances or operational  
nd even with the best of intentions or sense of completion,  
tion. We apologize for any such instances. In any case,  
onditions when driving during the winter season. During  
ifficult travel and adjust accordingly, staying off the roads  
ways necessary if travel is essential.

# Waste Services

## *Curbside Collection*

- Service Basics



- Regulated according to Ordinance 400-007
- Contracted service, NOT private subscription
- Weekly trash, bi-weekly recycling
- Carts at curb by 6 AM day of service
- Six Holidays that may affect collection schedule:

New Year's Day    Memorial Day    4<sup>th</sup> of July  
Labor Day        Thanksgiving    Christmas

# Waste Services

## *Curbside Collection*

- Service Basics
- Service Provisions
  - One (1) Trash & one (1) single family unit (no ex
  - Single stream recycling
  - Overflow provisions
  - Trash & cardboard to Trai



# Waste Services

## *Curbside Collection*

- Service Basics
- Service Provisions
- Cart Rules



- Owned by Contractor; stay with the house
- Needs managed directly by Town
- Enforced strictly according to Ordinance; violations may involve visit from Town staff or impact service

# Waste Services

- Household Furniture (including mattresses). Maximum of two (2) pieces per pick-up.
- Scrap Wood. A neat pile of material not to exceed five (5) feet long, three (3) feet high, and five (5) feet wide. No Sheetrock/drywall or plaster.
- White Goods (e.g., appliances). One (1) appliance per pick-up. Freon-bearing items must display a pickup decal available from Town Hall and Libraries, at the cost of \$5.00. Metal appliances will be picked up on Fridays.
- Miscellaneous Metals. Maximum eight (8) foot length. Unlimited quantity if properly sized. Scrap metal will be picked up on Fridays.
- Leaves. (Note: Service limited to period from November 1st to December 31st) *Must be in paper biodegradable bags*. Unlimited quantity. Bags available commercially at places like Walmart, Home Depot, Lowe's and Holdridge's. Leaves will be collected on Wednesdays.

- Two collections per year
- Materials/limits/other details on website
- Arrangements made directly with Casella (Willi Waste) at 860-423-4527

# Waste Services

## *Curbside Collection*

- Service Basics
- Service Provisions
- Cart Rules
- Bulky Waste
- Contacts



- Complaints or questions about a particular service incident: Casella (Willi Waste) – 860-423-4527
- Cart matters or other questions about service: Town of Ledyard – 860-464-3238

# Waste Services

## *Household Hazardous Waste (HHW)*

- Service Basics



- Run regionally by Southern Connecticut Regional Resources Recovery Authority (SCRRA)
- Several collections a year from April to November
- Collection typically held in Ledyard first Saturday in November

# Waste Services

## *Household Hazardous Waste (HHW)*

- Service Basics
  - Provisions
  - Contacts
- Numerous items accepted (list on Town website, along with items not accepted)
  - SCRRRA manages and may be contacted directly



**SCRRRA**

Phone: 860-381-5558

Fax: 860-381-5948

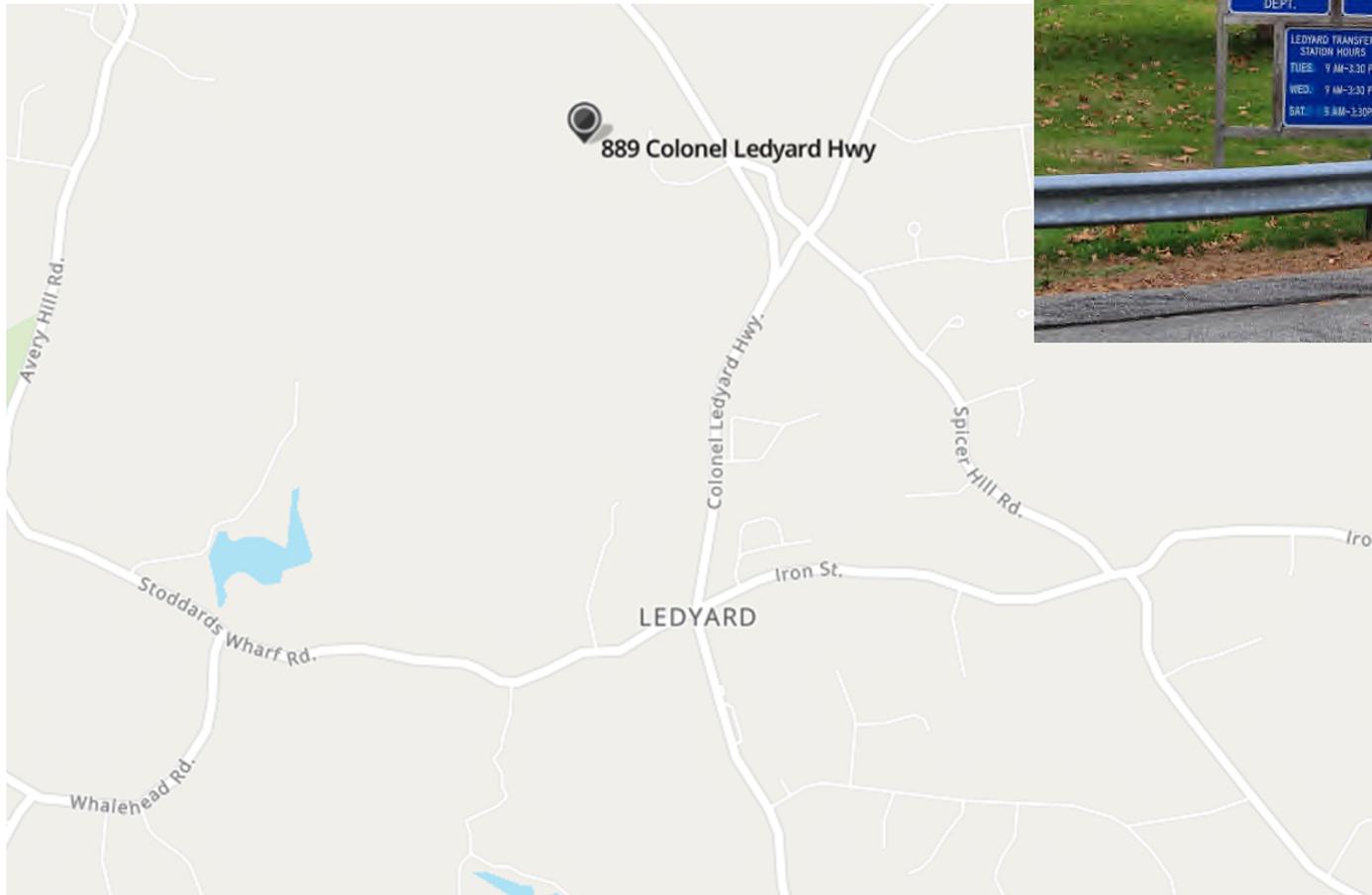
7 Hurlbutt RD

Gales Ferry, CT 06335

# Waste Services

## *Transfer Station*

- Location



# Waste Services

## *Transfer Station*

- Location
- Services/Fees

### No Fee — Residents Only

Leaves and brush  
Waste Oil and Antifreeze (\*See note below)  
Scrap Metal  
Non-Freon bearing appliances  
Car Batteries  
Electronic Equipment (Computers, TVs, etc.):  
Fluorescent light bulbs  
Ni-cad— Cell phone Batteries  
Paint  
Mattresses/Box Springs

Note: Fee schedule approved  
by Town Council

### Fees Collected — Residents Only

#### Tires:

Car \$1 (with or without rims)

Truck \$2

Oversize \$25

Freon-bearing Appliances - \$5 per item

### Leaves/Brush Disposal Fees (Commercial)

Small load (pick-up) \$5

Medium load (small dump) \$15

Large load (large dump) \$25

### Bulky Disposal Fees (Residential and Commercial)

Small load (pick-up) Bulk \$35 / Shingles \$75

Medium load (small dump) Bulk \$125 / Shingles \$300

Large load (large dump) Bulk \$250 / Shingles \$600

# Waste Services

## *Transfer Station*

- Location
- Services/Fees
- Hours

*Tuesday*

*Wednesday*

*Saturday*

9 AM to 3:30 PM



# Waste Services

## *Transfer Station*

- Location
- Services/Fees
- Hours
- Contacts

During Hours

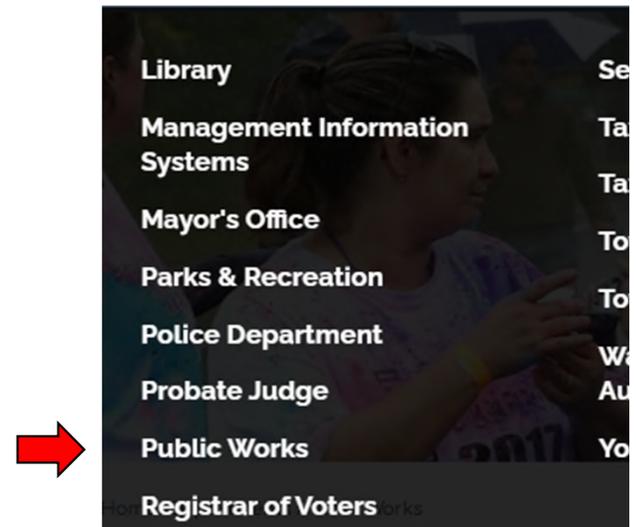
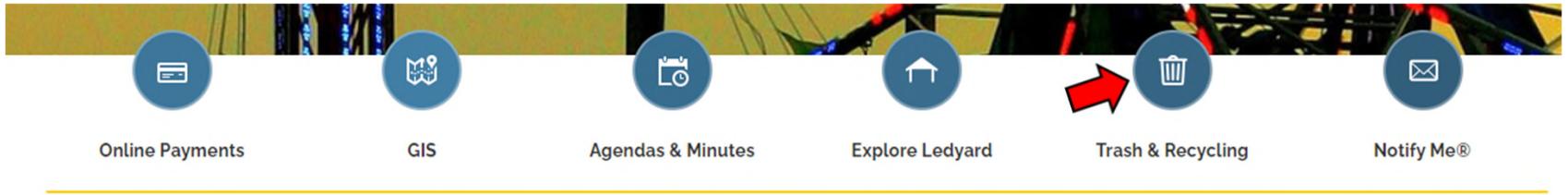
860-464-9060 ext 4

At other times

860-464-9060 ext 1



# Waste Services Website Links



# Waste Services Website Links

Home › Departments › Public Works › Trash & Recycling

Bulky Waste

Curbside Collection

Hazardous Waste  
Collection

Transfer Station

Home › Departments › Public Works › Trash & Recycling › Transfer Station

## Transfer Station

### Transfer Station Location

The Ledyard Transfer Station is located at 889 Colonel Ledyard Highway near the Town Public Works Garage and the Animal Control Office and can be reached at Phone: (860) 464-9060, extension #

- [Click for map](#)

### Transfer Station Hours:

The Transfer Station is open 9:00 a.m. to 3:30 p.m. Tuesday, Wednesday, and Saturday.  
The Transfer Station is closed Monday, Thursday, Friday, and Sunday.

### Transfer Station Fees:

*Exact Change Only*

**No Fee — Residents Only**

# Road Maintenance

- Road Network

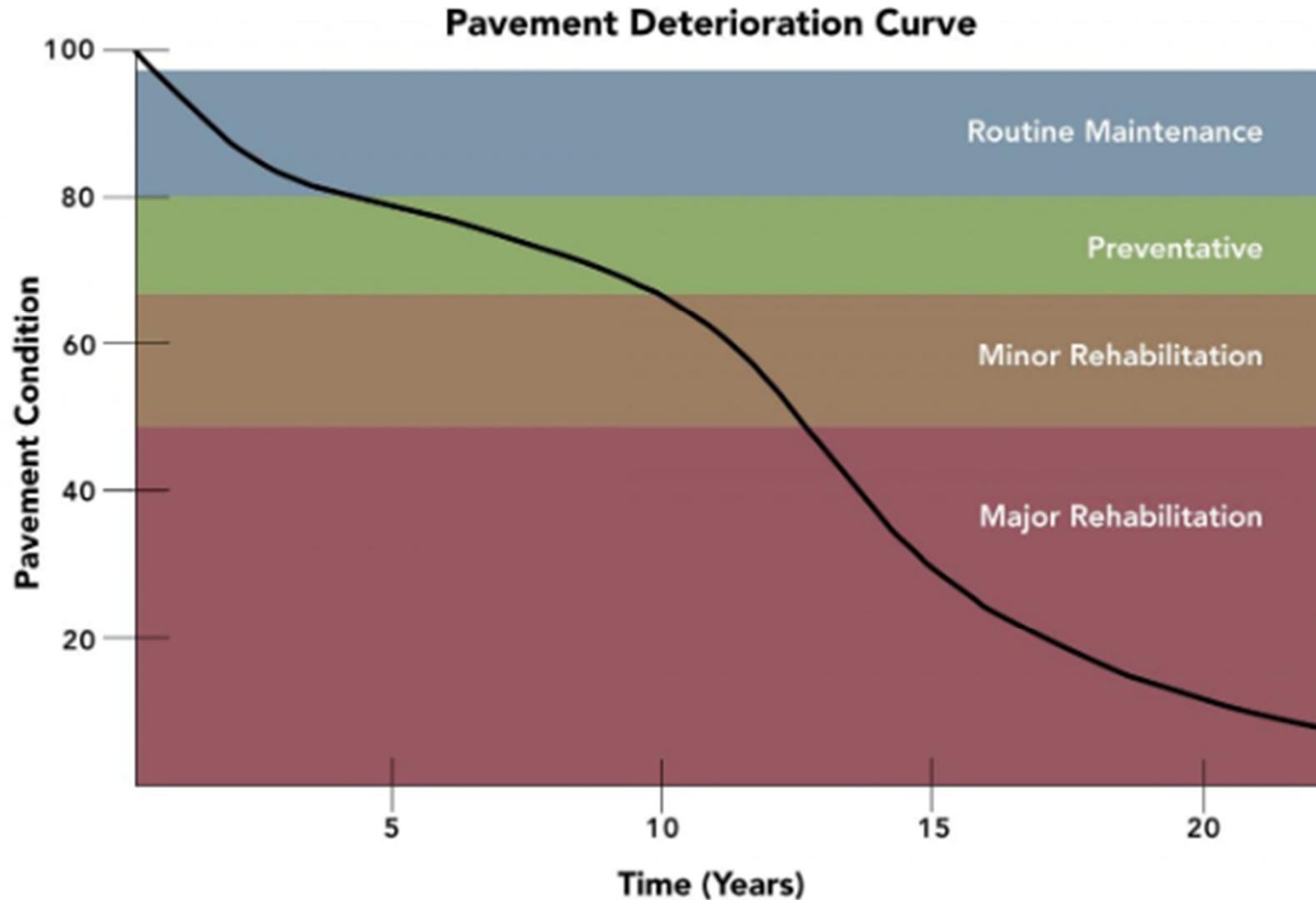
Roadway Type	Length (Miles)
Asphalt	111.48
Gravel	1.26
Total:	112.74

## Asphalt Road Functional Class Mileages

Arterial	34.28
Collector	14.27
Local	62.93

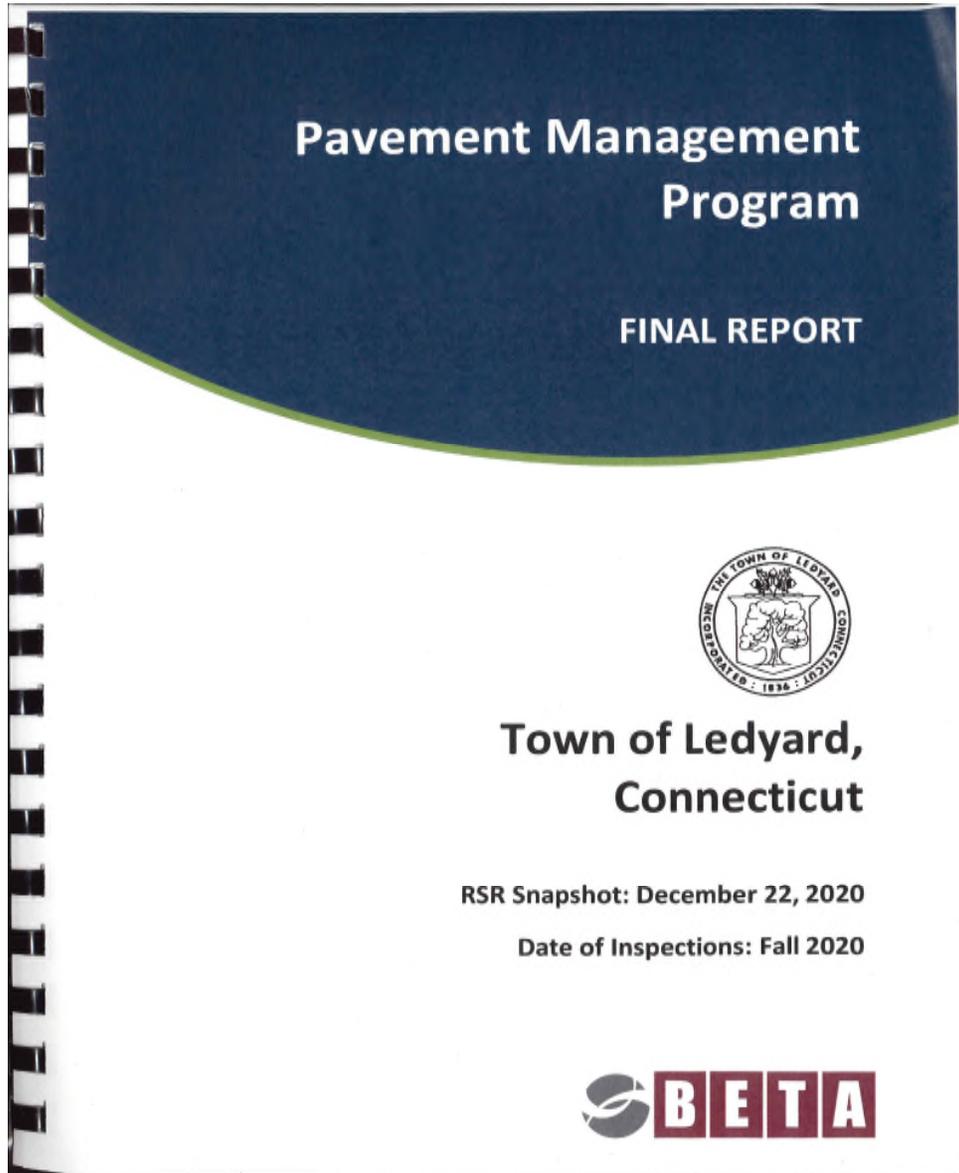
# Road Maintenance

- What are we up against?



# Road Maintenance

- Road Surface Study



## Previous Versions

2011 (initial)

2014

2017

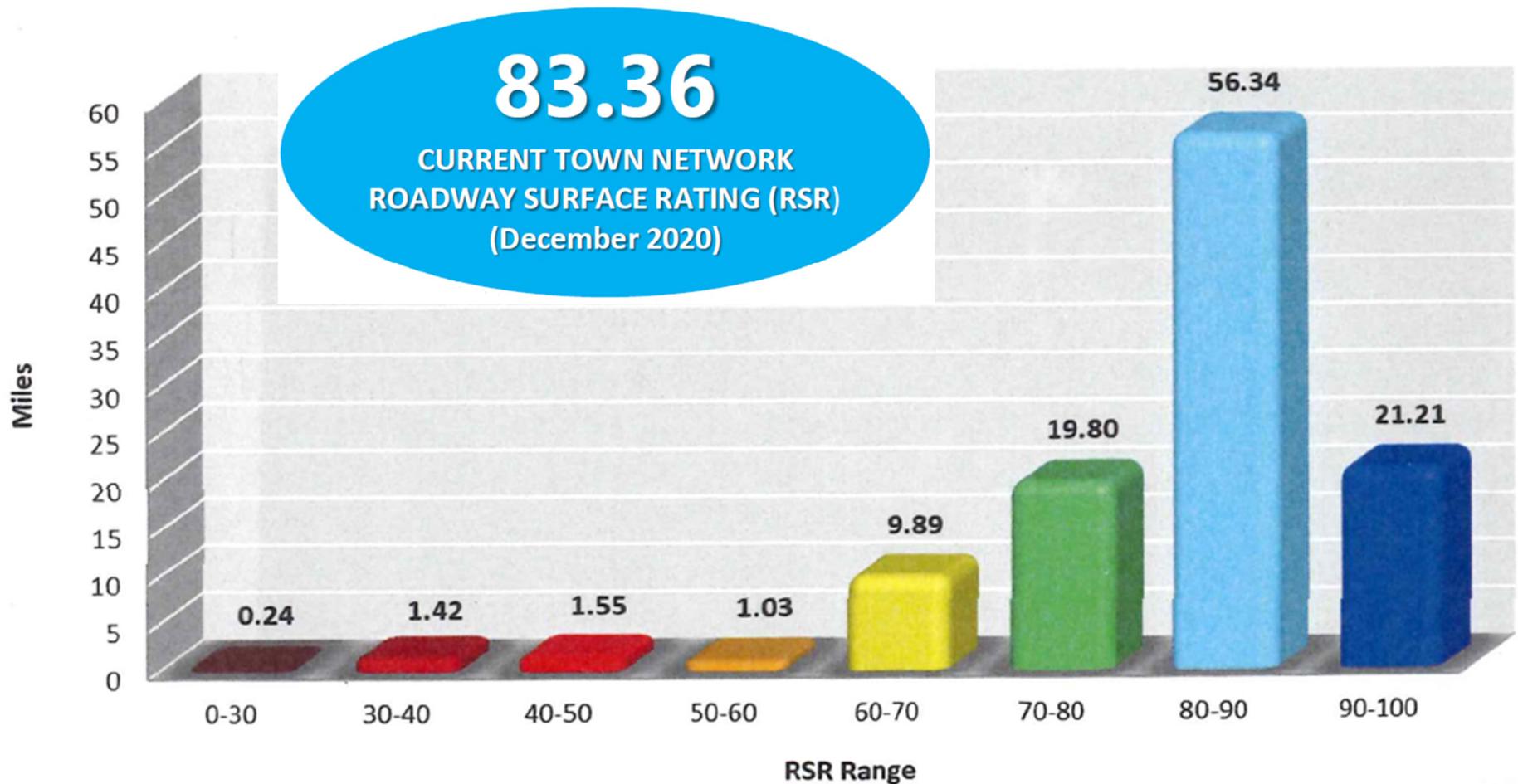
# Road Maintenance

- Ledyard Road Surface Maintenance Synopsis

The Town of Ledyard retained BETA Group, Inc. (BETA) to provide pavement management services to better maintain the Town's roadway network. Roadway inspections were originally collected in 2010, with re-inspections being performed in 2013 and 2017 utilizing a windshield survey approach. Most recently, BETA was hired in the Fall of 2020 to re-inspect the roadways using an automated approach to assess current roadway conditions. Since the inception of the program, the Town has focused on a pavement preservation approach with the mindset of keeping good roadways in good condition. This effort was achieved by applying several routine and preventative maintenance treatments including crack seal, fog seal, and micro-surfacing as roads only began to show signs of deterioration. Over this 10-year window, almost all 111 Town maintained roadway miles have been addressed, with many roadways being treated 2-3 times. BETA has worked with the Town to track each roadway improvement treatment and cost by year. Overall, this approach has led to a significant increase (roughly 10 points) in the network Road Surface Rating (RSR) over time. As a result of the longevity of success and improvement to its road network, the Town of Ledyard should be viewed as a model community in New England as they have demonstrated their full commitment to maintaining the Pavement Management Program (PMP).

# Road Maintenance

- Road Surface Ratings (RSR's) – as of 2020 report

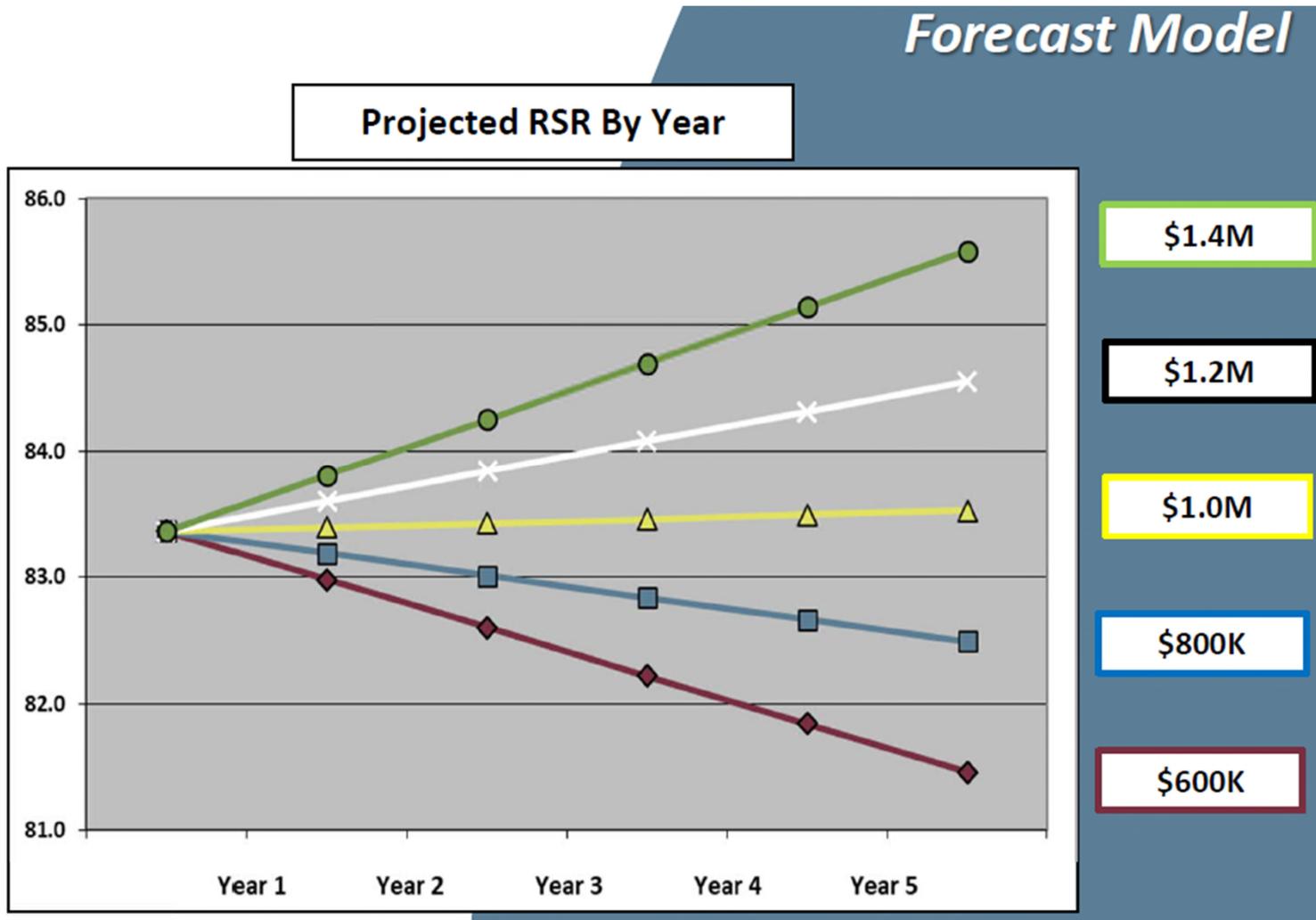


# Road Maintenance

- Funding Requirements
  - *Routine Maintenance*  
potholes, patching, drainage, line striping, guiderail repairs, tree removal/canopy trimming, etc. (not including snow removal)  
**\$180,000 to \$200,000 annually**
  - *Road Resurfacing*

# Road Maintenance

- Road Resurfacing Funding Requirements



# Road Maintenance

- Primary Road Repair Treatments

Repair Category	
Repair Method	
	Reconstruction
	Reclamation
	Rehabilitation
	Preventative Maintenance
	Routine Maintenance
	Defer Maintenance

} Paving



Microsurf  
Crack Se

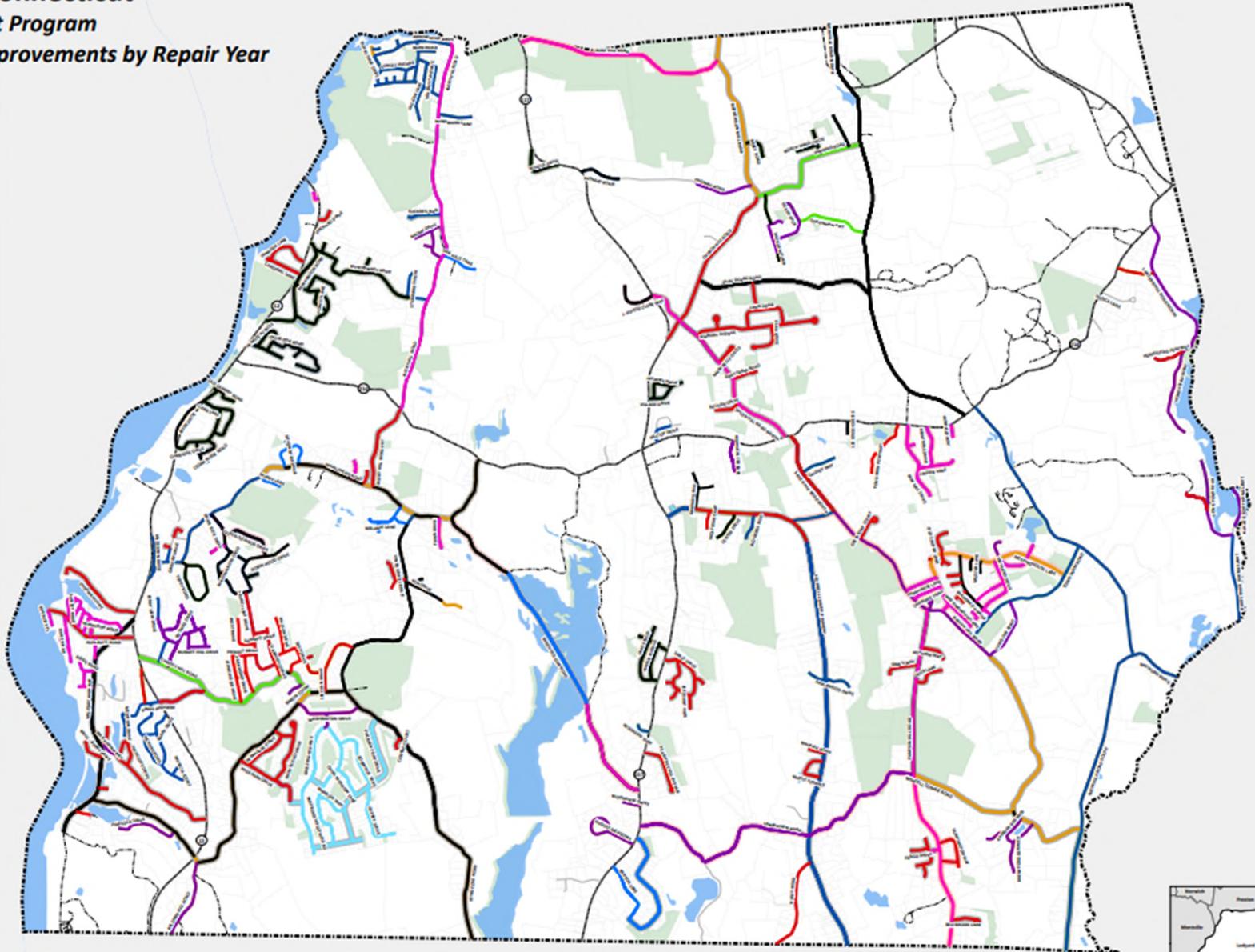


# Road Maintenance

Town of Ledyard, Connecticut  
Pavement Management Program  
2011-2022 Roadway Improvements by Repair Year

## Legend

### Repair Year



# Road Maintenance

## Town of Ledyard, Connecticut Pavement Management Program Spending Cost per Square Yard

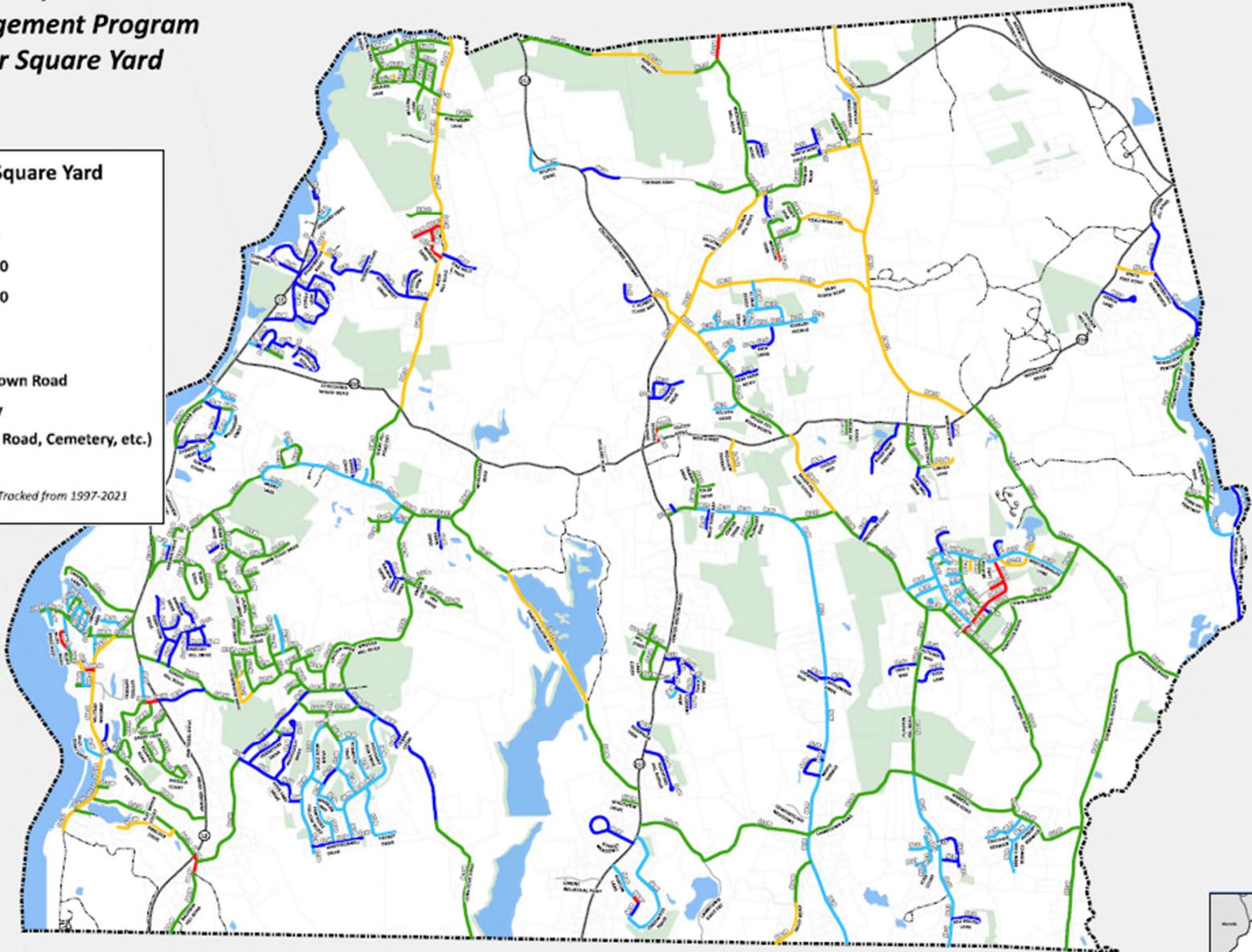


### Spending Cost per Square Yard

- < \$5.00
- \$5.01 - \$10.00
- \$10.00 - \$20.00
- \$20.00 - \$30.00
- > \$30.00

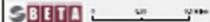
- Non-Treated Town Road
- State Roadway
- Other (Private Road, Cemetery, etc.)

\*Roadway History Spending Tracked from 1997-2021



DRAFT

Issue Date: November 11, 2021  
This Map is Intended for Planning Purposes Only



# Road Maintenance



Road Network Rating

## 84.06

Last Updated: 8/5/2022



8/5/2022

## Town of Ledyard, Connecticut Pavement Management Program Road Surface Ratings & Repair Categories

### Legend

#### Repair Category

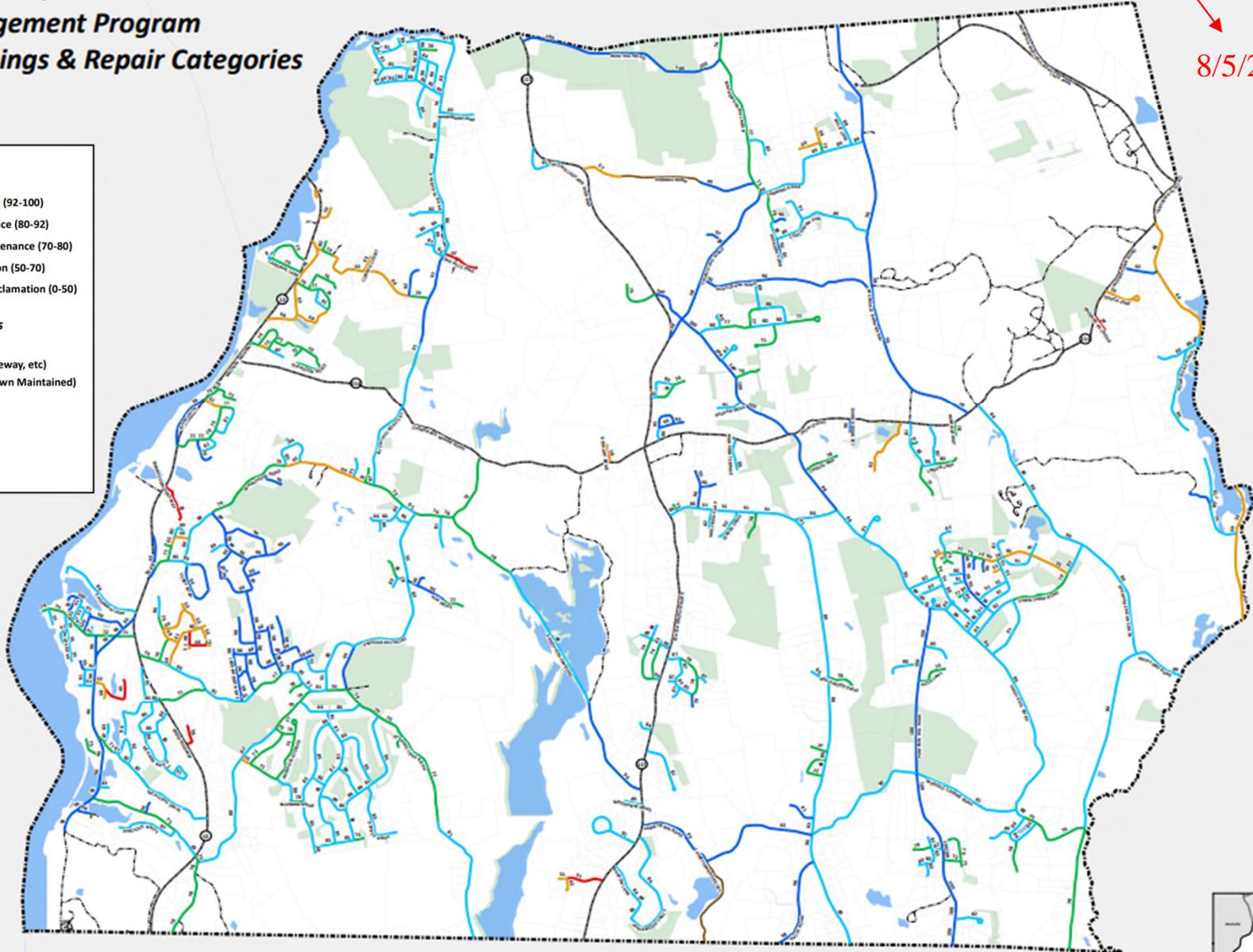
- Defer Maintenance (92-100)
- Routine Maintenance (80-92)
- Preventative Maintenance (70-80)
- Minor Rehabilitation (50-70)
- Reconstruction/Reclamation (0-50)

#### Non-Inspected Roadways

- State
- Other (Private, Driveway, etc)
- Gravel Roadway (Town Maintained)

#### Other

- Open Space
- Waterbodies



DRAFT

Date of Inspections: Fall 2020

RSR Snapshot: August 4, 2022

This Map is Intended for Planning Purposes Only



# Road Maintenance

- Road Surface Maintenance Website Info



- Road Maintenance Plan
- Roadwork Notices
- Stormwater Pollution Prevention
- Trash & Recycling
- Public Works Annual Report
- Warning & Advisory Signs Update
- Winter Operations Facts & FAQs

- Library
- Management Information Systems
- Mayor's Office
- Parks & Recreation
- Police Department
- Probate Judge
- Public Works
- Registrar of Voters

# Road Maintenance

- Road Maintenance Plan

This is a list by road (or road segment) of the next planned maintenance treatment based on present road condition, prospective funding, and anticipated condition at the estimated year of treatment. This plan is as of September 2022 and will be updated at least annually to reflect any needed adjustments and for actual work accomplished.

Road	Next Treatment	Year
Abbey	Crack Seal	2025
Adios	Pave	2027
Albatross	Pave	2027
Aljen	Crack Seal	2023
Allyn	Crack Seal	2027
Amber	Crack Seal	2028
Anderson	Crack Seal	2024
Applewood	Crack Seal	2023
Arrowhead	Crack Seal	2023
Ash	Crack Seal	2026
Aspen	Pave	2026
August Meadows	Crack Seal	2024
Autumn Way	Crack Seal	2026
Avebury Berwick	Crack Seal	2024
Avery Hill	Microsurface	2026
Avery Hill Ext	Microsurface	2026
Baldwin Hill	Crack Seal	2024

# Road Right-of-Way Maintenance

- Mowing
  - Generally, from mid-May into October
  - Two passes on main roads; one pass on side streets
  - Residents must be careful about what they place in the Town ROW (governed by Ordinance 300-027)
  - Have added a second mower starting next year

# Road Right-of-Way Maintenance

- Mowing
- Brush Cutting
  - Seasonal & spot clearing back to edge of ROW
  - Important for several reasons
    - ✓ Sightlines
    - ✓ Traffic impacts
    - ✓ Pedestrian access
    - ✓ Snow shelf preservation
    - ✓ Proactive tree clutter prevention

# Road Right-of-Way Maintenance

- Mowing
- ROW Brush Cutting
- Tree Removal/Trimming
  - Hazard trees
    - ✓ Proactive approach
    - ✓ Dramatic increase over last several years
  - Canopy
    - ✓ Rationale
    - ✓ Systematic approach
    - ✓ About 3 miles per year
    - ✓ Almost 80% complete

# Buildings & Grounds Maintenance

- Facilities – Eight traditional primary
  - Town Hall Complex (includes Annex)
  - Police Station
  - Emergency Services Building
  - Highway Garage
  - Bill Library
  - Gales Ferry Library/Community Center
  - Senior Center
  - ACO Facility
  - Food Pantry (added 2020)

# Buildings & Grounds Maintenance

- Facilities
- Grounds
  - In addition to grounds at Town facilities, the Department maintains numerous miscellaneous ROW areas
  - The Town Green has been added and budgeted for specifically for annual miscellaneous grounds maintenance

# Buildings & Grounds Maintenance

- Capital Planning



**TOWN OF LEDYARD**  
**CONNECTICUT**  
PUBLIC WORKS DEPARTMENT

741 Colonel Ledyard Highway  
Ledyard, CT 06339

Comprehensive  
Municipal Facilities  
Capital Needs  
FY 2022 Update

# Other PW Areas

- Fleet management/capital planning
- Fleet Maintenance
- Engineering
- Application reviews