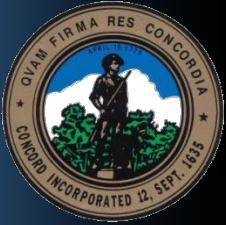


# 2025 Pavement Management Projects



Steve Dookran, P.E.  
Town Engineer

Joe Cormier  
Senior Public Works Engineer  
Project Manager

Concord Public Works  
133 Keyes Road  
Concord, MA 01742

Telephone: (978) 318-3210



107 Miles – Public  
• 426 Street Segments

# Topics



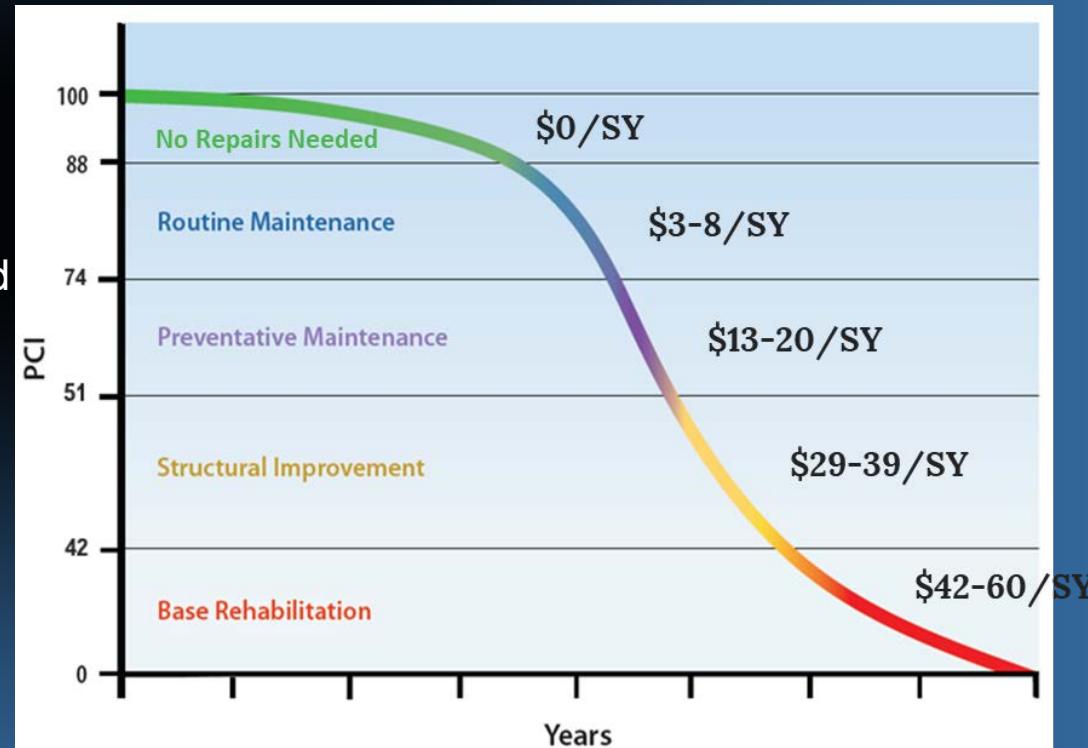
1. Intro to the Pavement Management Program
2. Review Streets to be Resurfaced
3. Review Pavement Treatments and Construction Impacts
5. Utility Coordination & Roads Moratorium
5. Irrigation Systems
7. Proposed (FY26-FY30) Pavement Management Plan
8. Questions and Comments

# Pavement Management Program

## - Selection of streets to be resurfaced



- Pavement Condition Data(Streetscan)
- PCI Deterioration Curve
  - Prioritizes street segments at bottom of treatment bands to reduce future repair costs
- Streetlogix generates priority list based on available budget
- Other Considerations
  - Functional class/traffic volume
  - Type of deterioration
  - Utility needs



# 2025 Pavement Management Projects



- List is subject to change based on bids received and available funding at the time of contract award
- Construction anticipated to begin this construction season

Street Name	From Street Name	To Street Name	Planned Treatment Method
Adin Dr	Fairhaven Rd	Cul-De-Sac	RECONSTRUCTION
Hill St	Laws Brook Rd	Hillside Av	RECONSTRUCTION
Pond View Ln	Lowell Rd	Cul-De-Sac Loop	RECONSTRUCTION
Silver Hill Rd	Turning Mill Road	Cul-De-Sac Loop	RECONSTRUCTION
Elm St	Wood St	RT 2	MILL & OVERLAY
Lowell Rd	Westford Rd	Carlisle Town Line	MILL & OVERLAY
Main St	Coolidge Rd	Old Rd to 9 Acre	MILL & OVERLAY
Maple St	Laws Brook Rd	Bradford St	MILL & OVERLAY
Musketaquid Rd	Elm St	Simon Willard Rd	MILL & OVERLAY
Orchard Rd	Old Marlboro Rd	Main St	MILL & OVERLAY
Plain Field Rd	Fitchburg Tpke	Powder Mill Rd	MICRO-SURFACE
Kenney Ln	Phillip Farm	Cul-de-sac	MICRO-SURFACE
Walden Ter	Thoreau St	Cul-De-sac	MICRO-SURFACE



# Road Reconstruction Treatments



## Full Depth Reconstruction



## Mill & Overlay



Street Name	From Street Name	To Street Name	Planned Treatment Method
Elm St	Wood St	Baker Av	MILL & OVERLAY
Lowell Rd	Westford Rd	Carlisle Town Line	MILL & OVERLAY
Main St	Coolidge Rd	Old Rd to 9 Acre	MILL & OVERLAY
Maple St	Laws Brook Rd	Bradford St	MILL & OVERLAY
Musketaquid Rd	Elm St	Simon Willard Rd	MILL & OVERLAY
Orchard Rd	Old Marlboro Rd	Main St	MILL & OVERLAY

Street Name	From Street Name	To Street Name	Planned Treatment Method
Adin Dr	Fairhaven Rd	Cul-De-Sac	RECONSTRUCTION
Hill St	Laws Brook Rd	Hillside Av	RECONSTRUCTION
Pond View Ln	Lowell Rd	Cul-De-Sac Loop	RECONSTRUCTION
Silver Hill Rd	Turning Mill Road	Cul-De-Sac Loop	RECONSTRUCTION

# Preservation Treatments



## Micro-Surface



Street Name	From Street Name	To Street Name	Planned Treatment Method
Plain Field Rd	Fitchburg Tpke	Powder Mill Rd	MICRO-SURFACE
Kenney Ln	Phillip Farm	Cul-de-sac	MICRO-SURFACE
Walden Ter	Thoreau St	Cul-De-sac	MICRO-SURFACE

# Utility Coordination



- It is encouraged to coordinate any planned underground utility connections prior to the resurfacing projects (water, sewer, gas, electric, etc.).
- Cutting into the road after resurfacing has a negative impact to the road condition and is discouraged.
- Concord's 5-year moratorium on road excavations.

# Irrigation System Notice



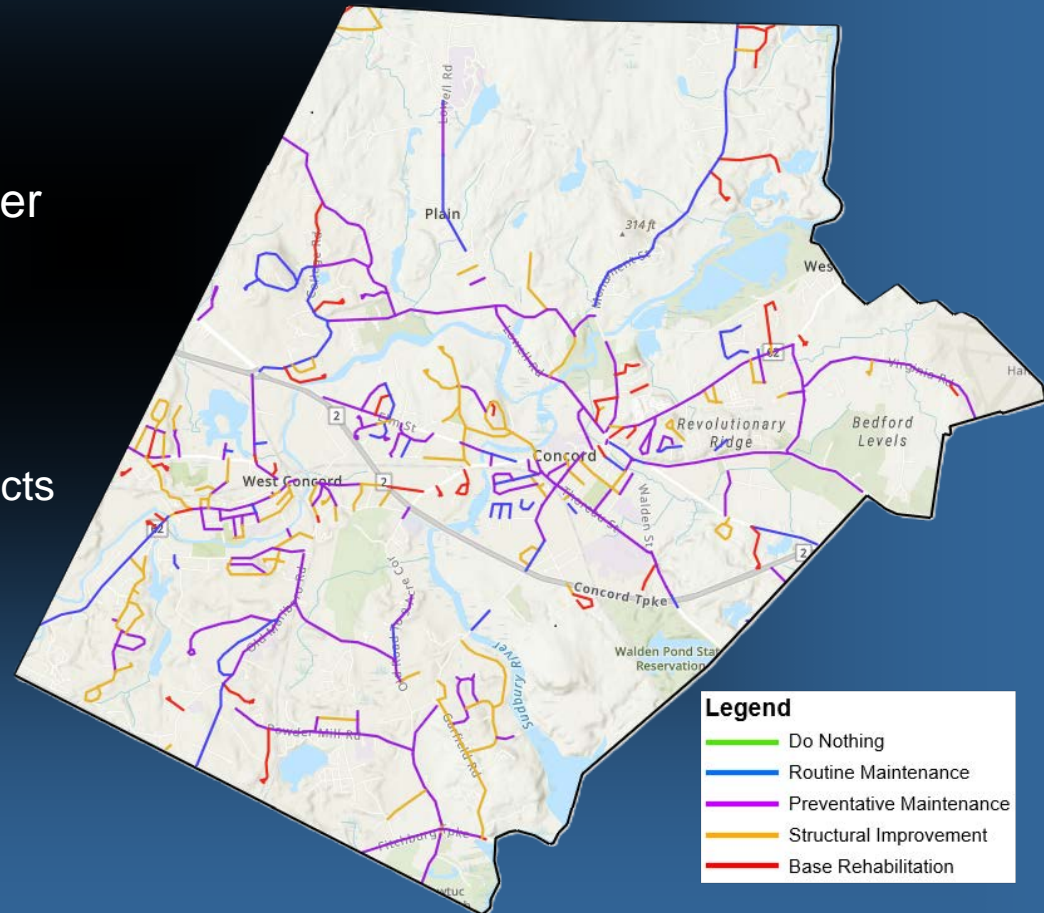
- Irrigation system located in the ROW
- Relocate system 5' away from edge of pavement
- Contractor nor CPW can be held responsible

# Roads Maintenance and Safety Improvement



## Proposed FY26-FY30 Resurfacing Projects

- \$25M Proposed for Pavement Management  
(To be voted on at the 2025 annual Town Meeting)
- Increased funding will allow for a higher PCI target
- Allow for Long Range planning for comprehensive road projects
  - Safety & sidewalk improvement projects
  - Utility coordination



# May 1, 2025 PWC 2025 Pavement Management Projects



## Questions and Comments

Follow up questions and comments can be forwarded to the  
Engineering Division:

Joe Cormier  
Senior Public Works Engineer  
(978) 318-3210  
[jcormier@concordma.gov](mailto:jcormier@concordma.gov)