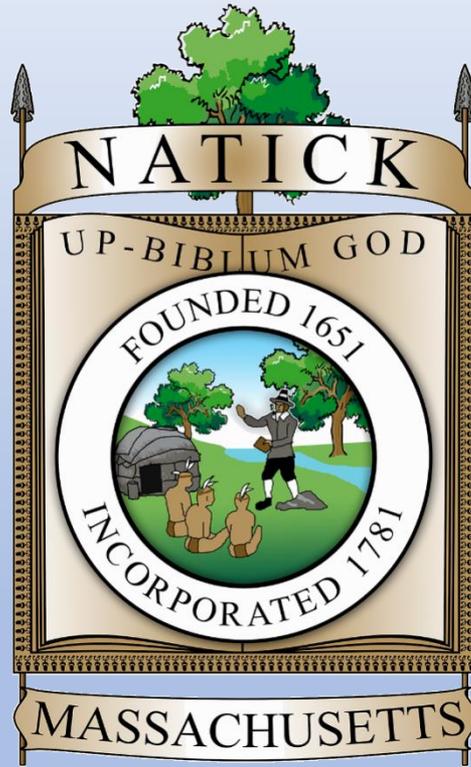


Town of Natick Department of Public Works



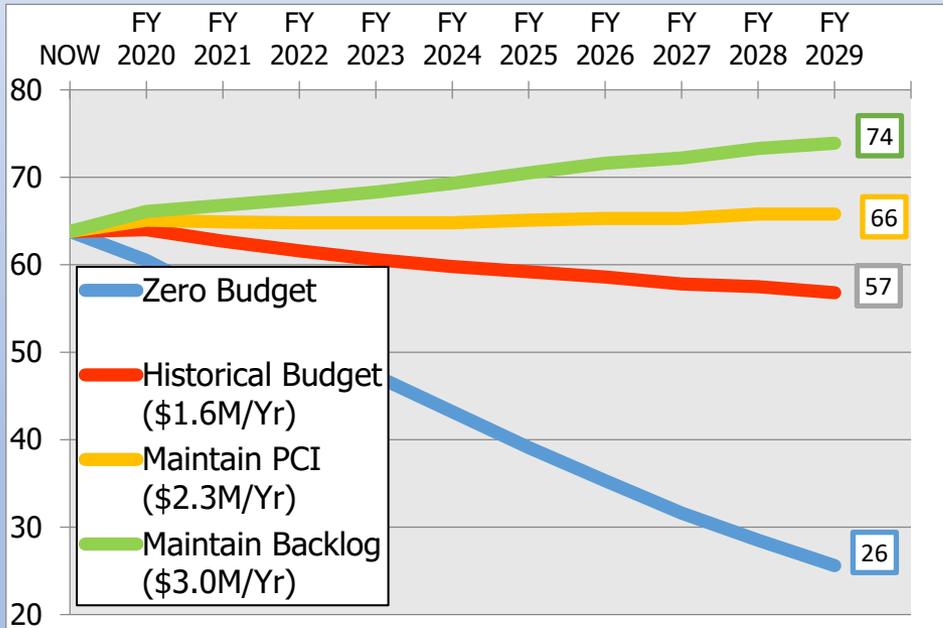
Five Year Roadway Improvement Plan

March 6, 2021

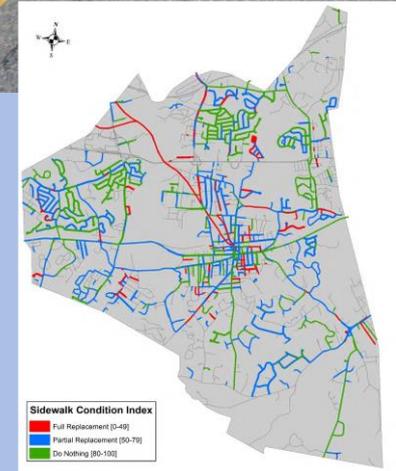
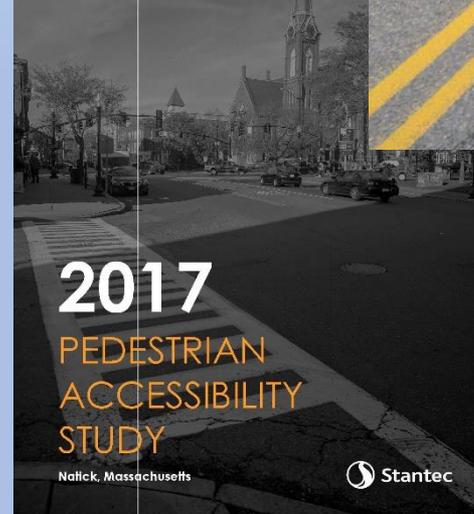
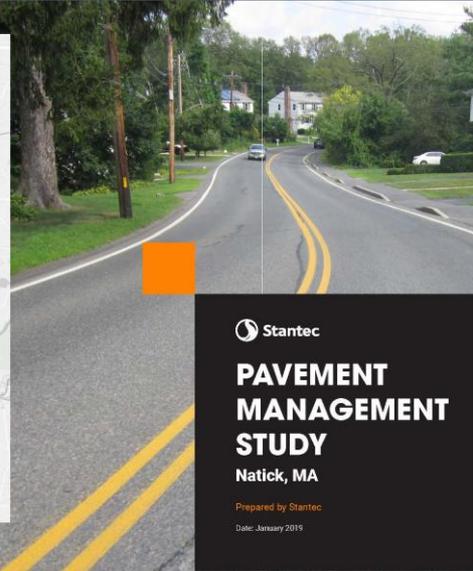
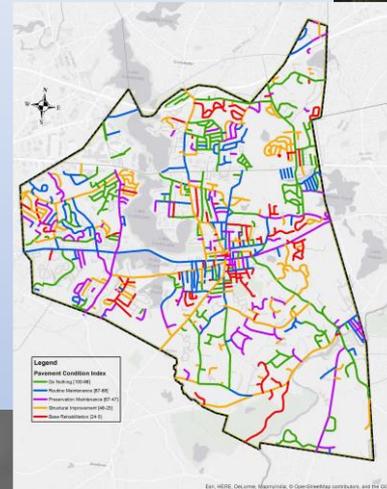


Pavement Management Program

- 2019 Pavement Management Study
- 2017 Pedestrian Accessibility Study



Annual Funding Target	
Pavement	\$2.8M
Sidewalk	\$700k
Total	\$3.5M

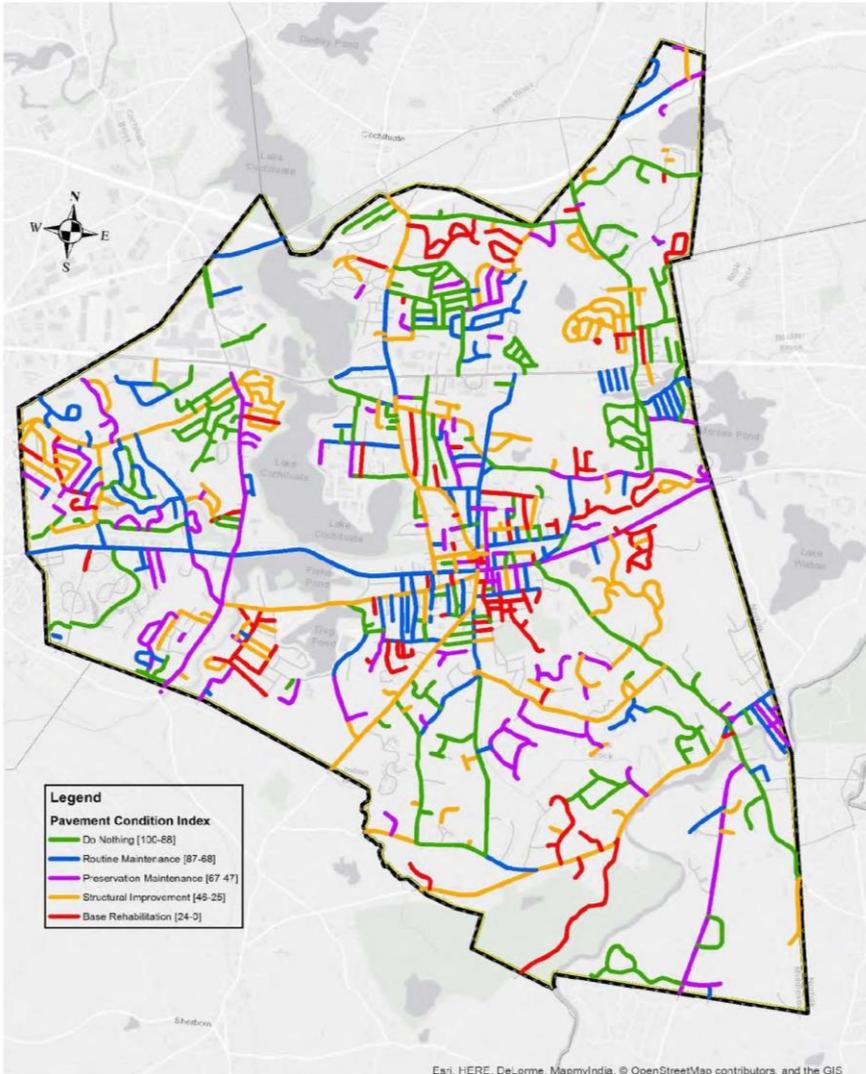




Pavement Management Program

Roadway Profile

Townwide Pavement Conditions



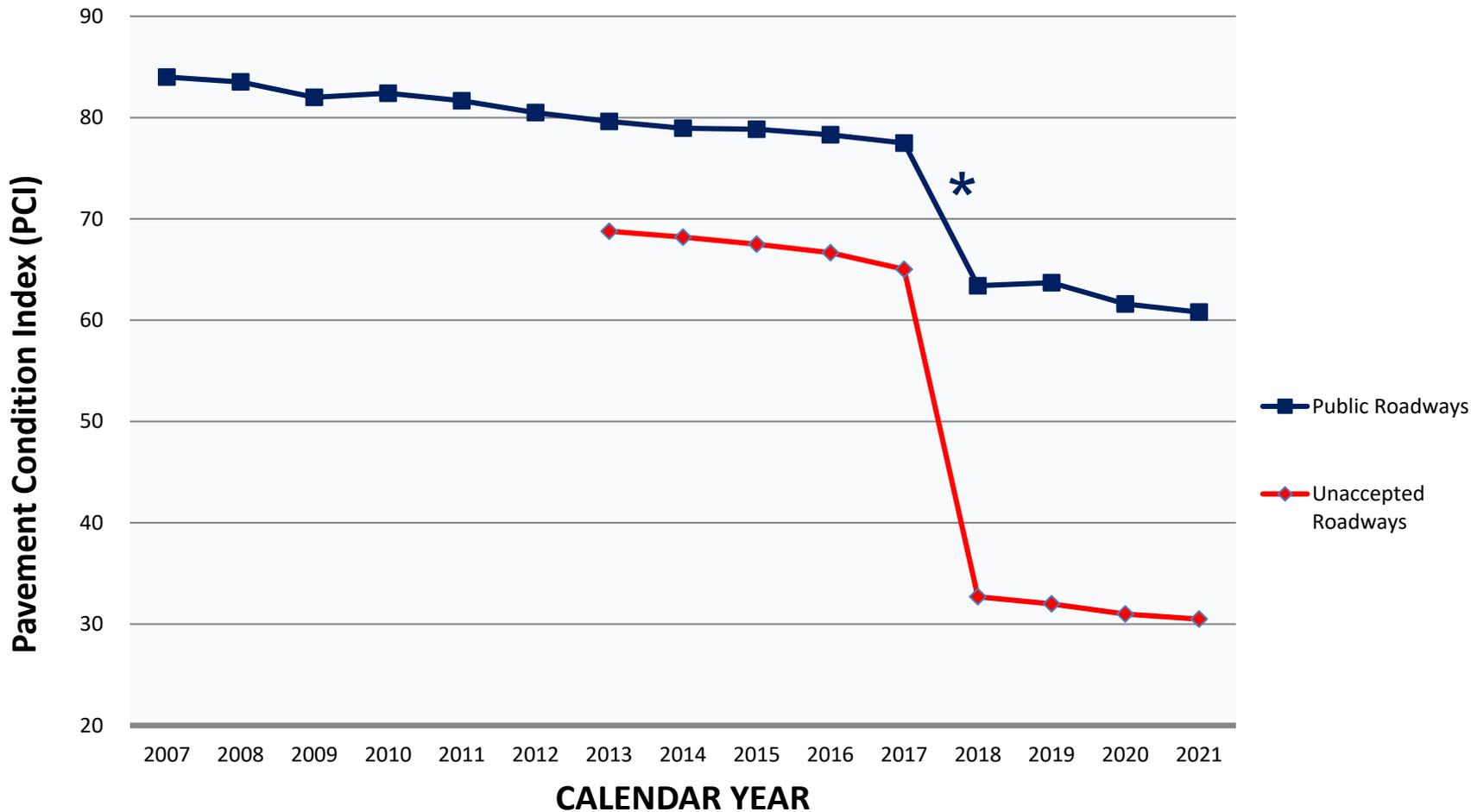
Type	Miles
Public Roadways	128.1
Public Sidewalks	149.7

Type	#
Wheelchair Ramps	1,550
Ramps likely not ADA Compliant	74%



Historical Pavement Condition

ROADWAY CONDITION TREND

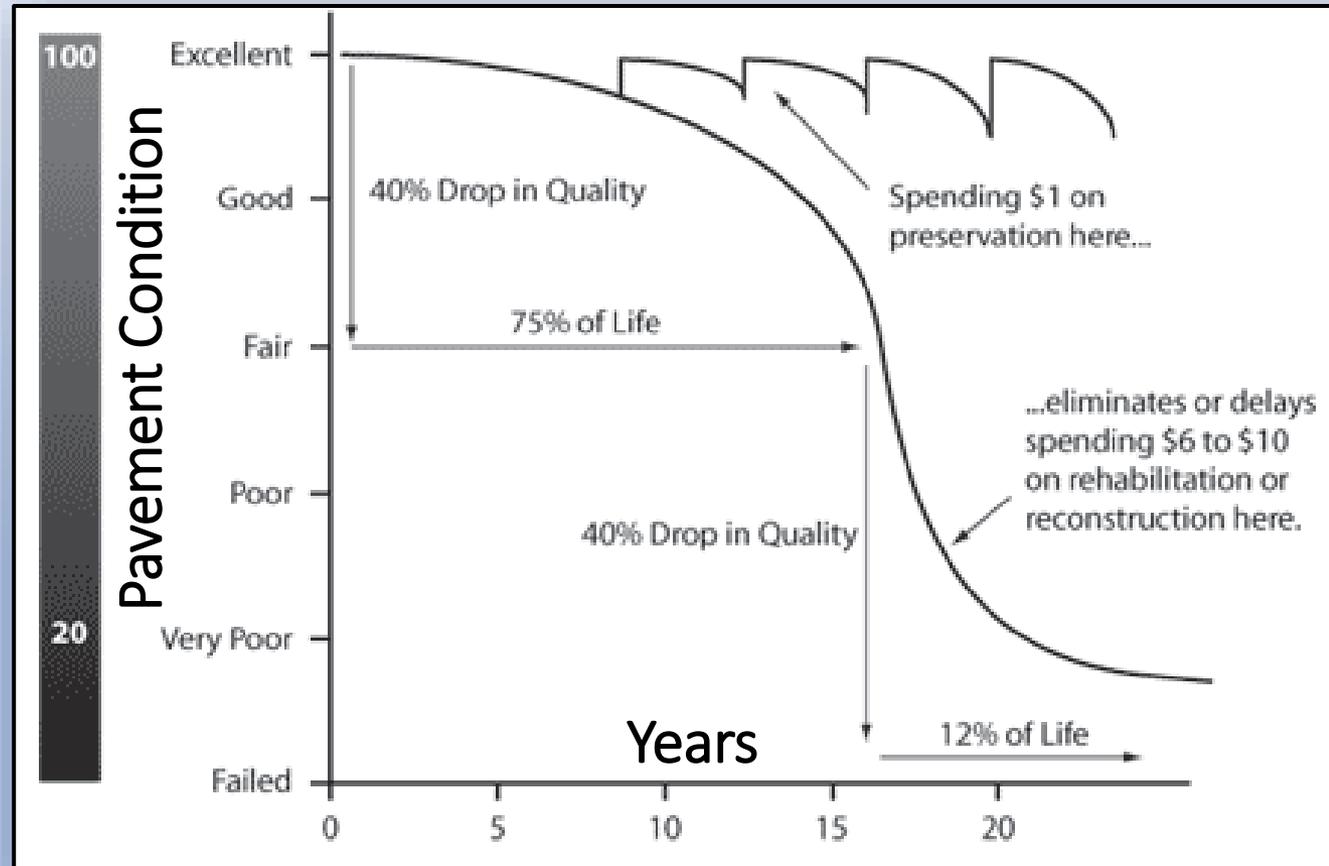


* Reset from 2019 Pavement Management Study



Pavement Management Overview

- The practice of planning for pavement maintenance and rehabilitation with the goal of maximizing the value and life of a pavement network
- The right repair at the right time!
- It is more cost effective to keep good roads in good condition



“The Life of a Road”



Five-year Roadway Improvement Plan Work Completed

2018 Statistics

20 Streets, 2.9 miles - \$1.9 Million

Cottage Street, 1.2 miles -

2019 Statistics

17 Streets, 4.5 miles - \$2 Million

2020 Statistics

22 Streets, 4.74 miles - \$2.5 Million

Bennett Hemenway Elementary School Parking

Preventative Maintenance - Crack Sealing 10 Streets

Sidewalk and Ramp Replacements - Natick Center and Walnut Street

Washington Avenue, 0.5 miles - \$1.75 Million

South Main Street, 1.4 miles - \$4.6 Million



Five-year Roadway Improvement Plan

Work Program for 2021

Proposed this Year

20 Streets, 3.37 miles - \$2.8 Million

- Vetted with Transportation Advisory Committee and Safety Committee
- Coordinated with water/sewer and natural gas
- Full width rehabilitation/reconstruction (sidewalk, WCRs, curbing)

Avon Street

School Street

Garfield Street

Common Street

Morse Street

Sheridan Street

Lincoln Street

Lincoln Street Ext

Bacon Street (east end)

Lincoln Circle

Allen Street

Park Street

Sherman Street

Sherman Terrace

Wilson Street

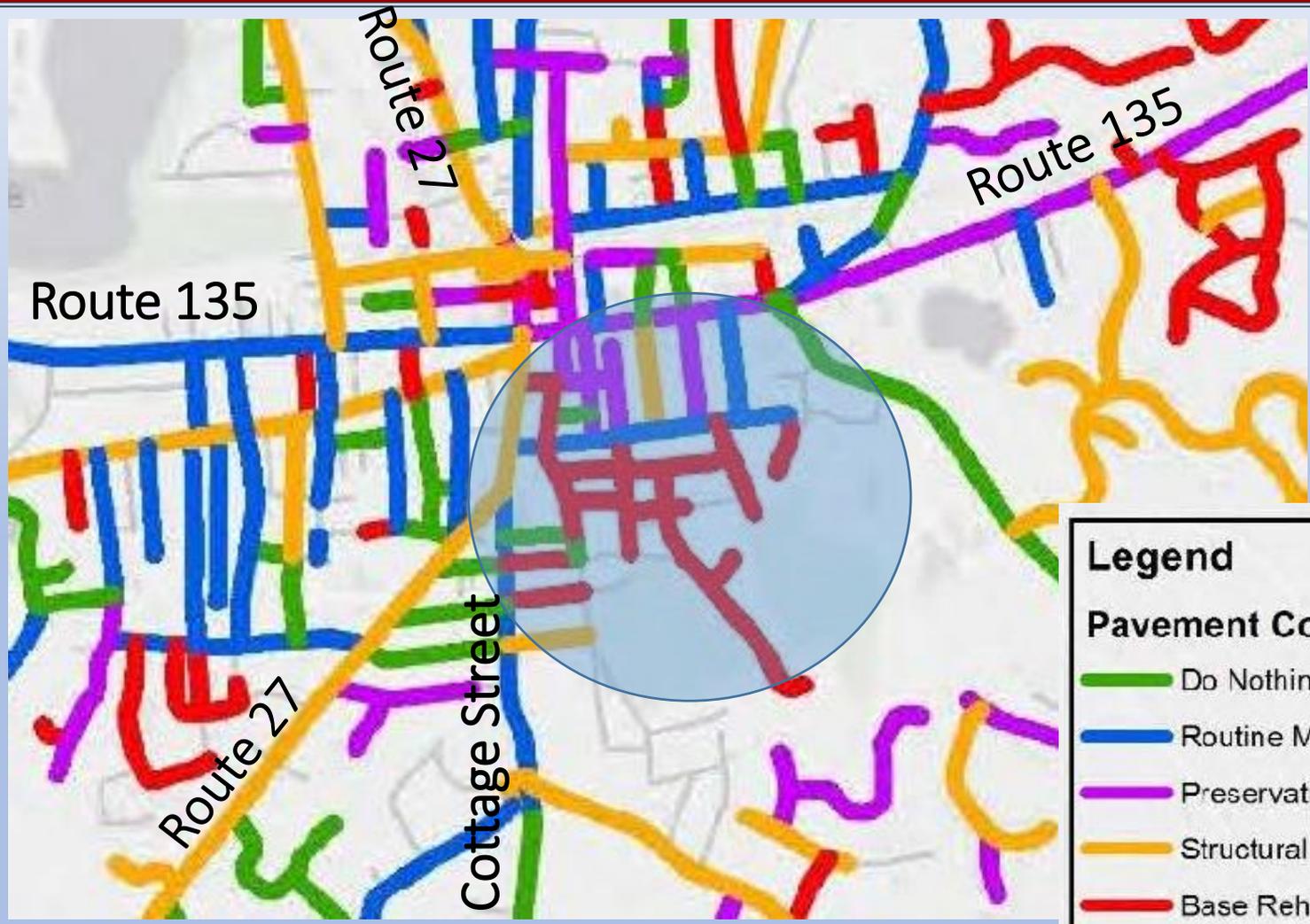
Church Street

East Street



Five-year Roadway Improvement Plan

Work Program for 2021

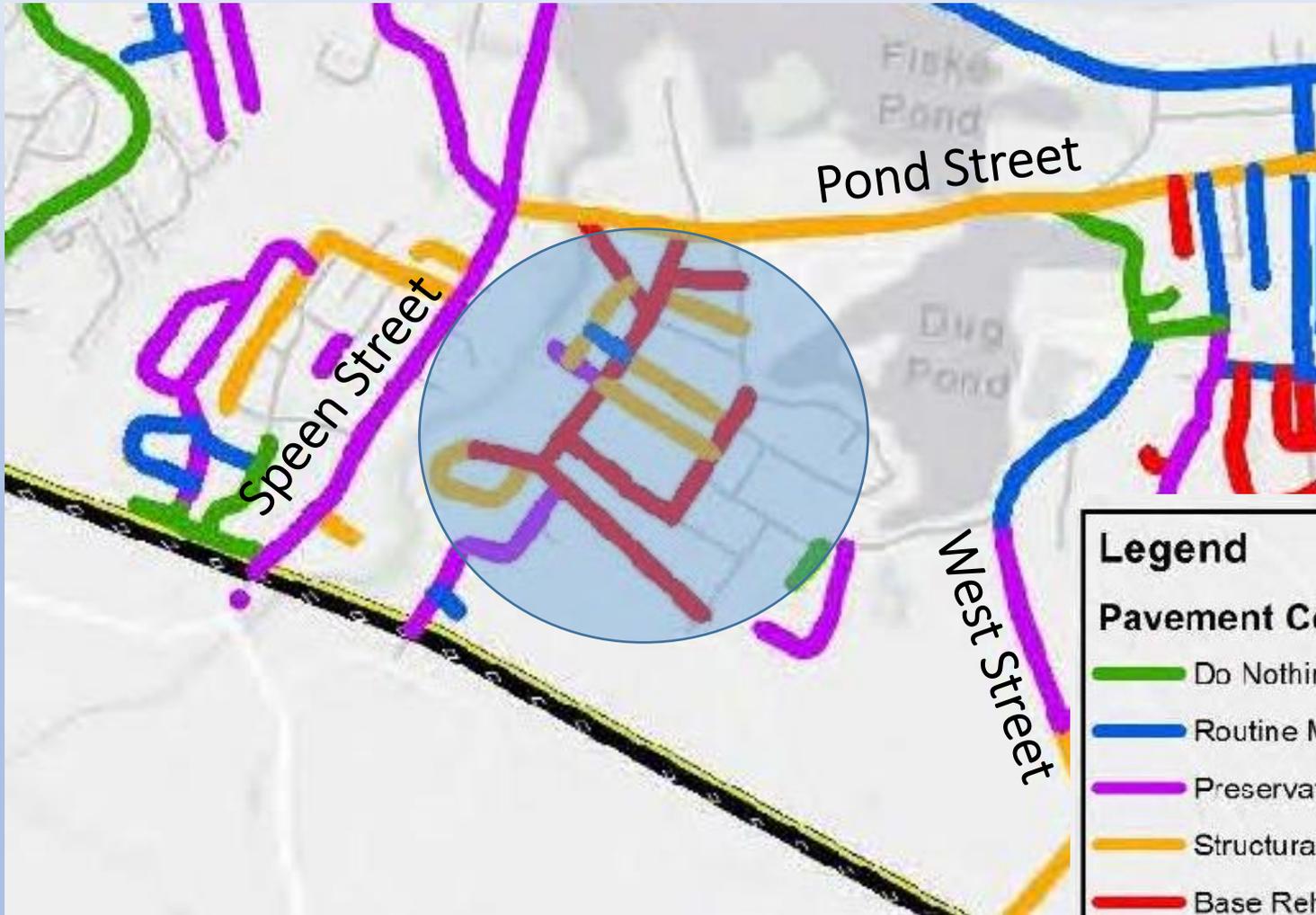


Legend	
Pavement Condition Index	
	Do Nothing [100-88]
	Routine Maintenance [87-68]
	Preservation Maintenance [67-47]
	Structural Improvement [46-25]
	Base Rehabilitation [24-0]



Five-year Roadway Improvement Plan

Work Program for 2022



Legend	
Pavement Condition Index	
	Do Nothing [100-88]
	Routine Maintenance [87-68]
	Preservation Maintenance [67-47]
	Structural Improvement [46-25]
	Base Rehabilitation [24-0]

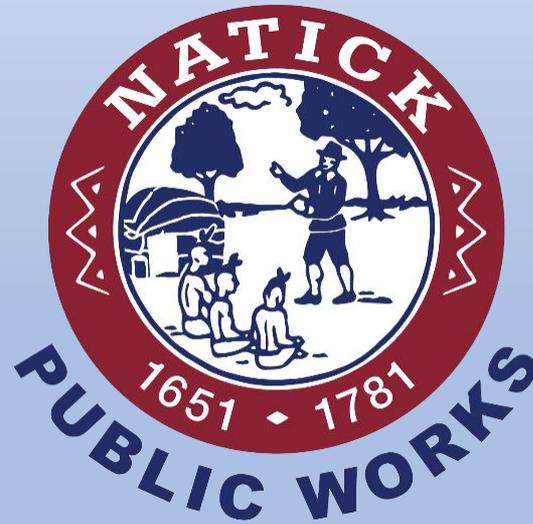
* Project limits pending public street acceptance



Five-year Roadway Improvement Plan

Next Select Board Meeting

- Full Five-year Roadway Improvement Plan (2021 – 2026)



Celebrating 100 Years in 2021