

NEWPORT, NH

TEN-YEAR PAVED ROAD SURFACE MAINTENANCE STRATEGY 2021-2030



PREPARED BY UPPER VALLEY LAKE SUNAPEE
REGIONAL PLANNING COMMISSION
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This informational report is intended to be used for planning and budgeting purposes by the Town of Newport. It does not represent a formally approved or adopted budget for the Town of Newport.

INTRODUCTION

Road Surface Management Systems (RSMS) is a program offered by **Upper Valley Lake Sunapee Regional Planning Commission (UVLSRPC)** to assist member communities with long-term planning and budgeting for maintaining paved roads. Under this program, UVLSRPC staff perform windshield assessments of road surface conditions using a statewide protocol developed by the NH Department of Transportation and the University of New Hampshire Technology Transfer Center (UNH T²). The results of the assessment are then uploaded to a software package that assists with multi-year budgeting. The resulting road maintenance strategy becomes a useful tool for municipalities in creating annual and multi-year road maintenance plans and budgets.

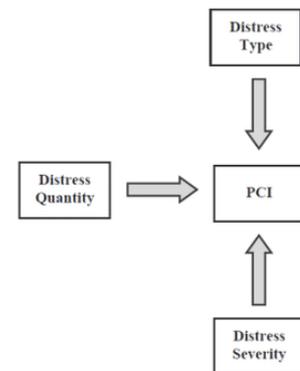
ROAD SURFACE MANAGEMENT OVERVIEW

Pavement Condition Index (PCI) Assessment

PCI is a widely-used road surface condition rating that uses a scale from 0 (completely failed) to 100 (perfect condition). PCI is determined by assessing the extent and severity of various types of surface pavement deformations (cracking, rutting, potholes, frost heaves, etc) via windshield assessment.

Once PCI has been estimated, a segment of road is then classified into qualitative categories, which inform strategies for long-term maintenance:

PCI Category	PCI Range	Road Maintenance Strategy
Excellent	86 - 100	Corrective maintenance; deferred maintenance
Good	75 - 85	Preventative maintenance
Fair	58 - 74	Resurfacing
Poor	41 - 57	Rehabilitation
Failed	0 - 40	Reclamation/Reconstruction



Source: *Estimating PCI Using Vibration Data for Asphalt Concrete Pavements*

Long-Term Maintenance Strategies

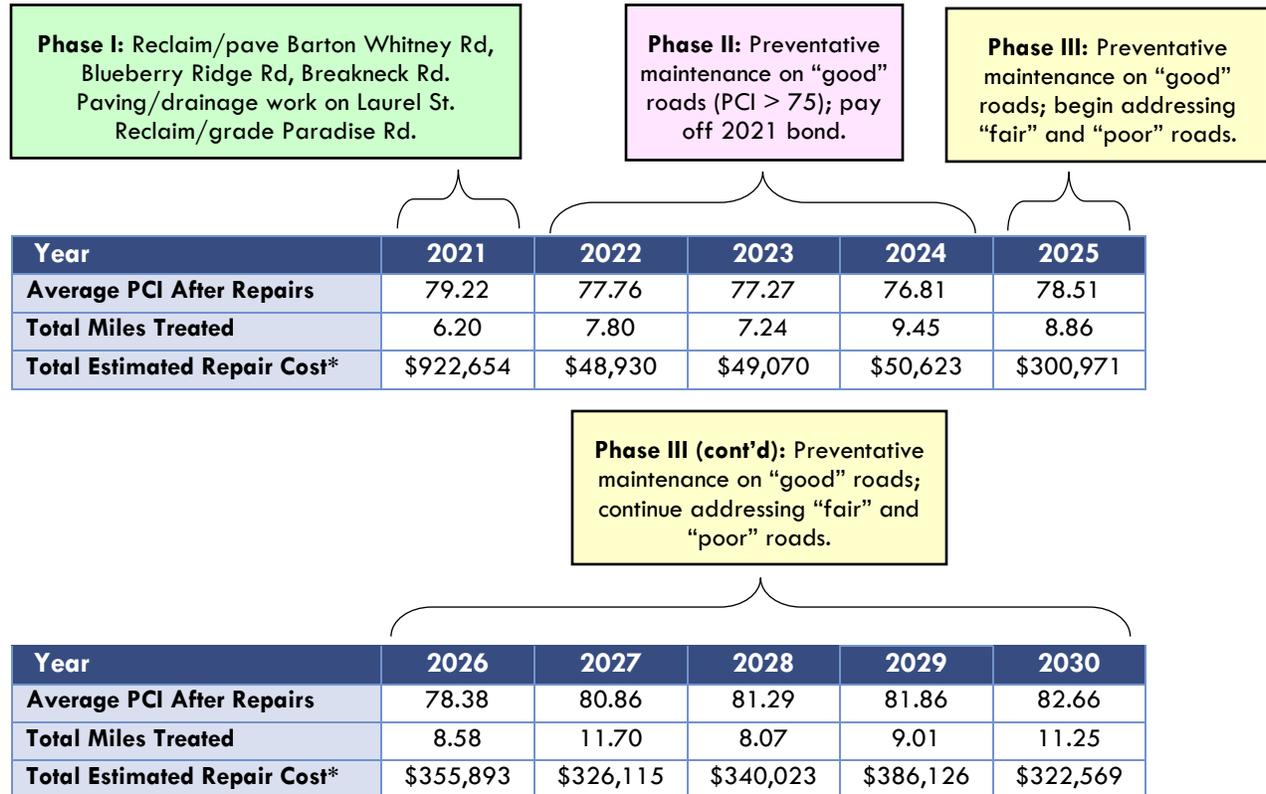
In general, the maintenance strategies presented in this report are based on PCI ratings and previously-planned roadway projects. The strategies listed below provide a guide for developing this long-term approach to maintaining paved road surfaces:

- **Keep “Good” Roads “Good”:** it is far less expensive to keep a road in “good” or “excellent” condition than it is to defer maintenance and let it deteriorate into “fair” or “poor” condition, at which point more expensive repair strategies are required. “Good” roads are prioritized for preventive maintenance strategies throughout the ten-year strategy presented in this report.
 - **Key Maintenance Strategies:** crack sealing, fog sealing, chip sealing, patching.
- **Get “Fair”, “Poor”, and “Failed” Roads into “Good” Condition and Keep Them “Good”:** if a road has deteriorated to this level, more intensive maintenance is typically required. There may be underlying causes of worsening conditions, such as frost heaving. These underlying conditions should be addressed during major maintenance projects. Once in “good” or condition, these roadways should receive preventative maintenance treatments to keep in them in “good” condition.
 - **Key Maintenance Strategies:** paving shims and overlays, mill-and-overlay, reclamation, reconstruction.

TEN-YEAR PAVED ROAD MAINTENANCE STRATEGY: OVERVIEW

This page presents a summary of a ten-year paved road maintenance strategy for the Town of Newport. The strategy is based on the guidelines presented on page 3.

Ten-Year Strategy and Budget



Ten-Year Strategy – Key Considerations:

- The Town of Newport plans to bond for significant reclamation work in 2021 (**Phase I**). The bond will then be paid off in 2022, 2023, and 2024 (**Phase II**).
- During the **Phase II** period, approximately \$50,000 will be budgeted per year for preventative maintenance on roads in "good" condition (e.g., crack sealing). *During this time, the average network PCI will fall from 79.2 (solidly "good") to 76.8 (borderline "fair") due to deferred maintenance on "fair" and "poor" roads.*
- During **Phase III**, preventative maintenance on "good" roads will continue. Additionally, work will be done to improve roads in "fair" condition to "good" condition. This will include milling road surfaces and paving new overlays.
- By the end of **Phase III** (year 2030), network PCI is projected to be 82.7, which is near the higher end of the "good" PCI range and trending towards "excellent" (PCI > 85).

* Total repair costs presented for each year factor in 2.8% annual inflation.

Pavement Maintenance Strategies & Major Projects

Repair Category	Repair	Strategies & Major Projects
Pavement Preservation (good roads)	Chip Seal	Strategy: Appropriate on more rural roads with extensive alligator cracking but otherwise in decent condition. Lifespan is 5-10 years.
	Crack Seal	Strategy: Generally used on longitudinal/transverse or edge cracking. Not effective on alligator cracking. Lifespan is 3-4 years.
	Sand Seal	Strategy: Used on roads with extensive cracking that is low in severity (i.e., hairline cracks).
	Isolated Patch and HMA Shim	Strategy: Used to patch potholes or address isolated areas of moderate/severe alligator cracking.
Overlay (fair roads)	1 1/4" Wearing	<p>Strategy: Overlays are used on roads in fair condition where cracking and other deformations are too extensive or severe for sealing. The type of overlay is informed by the road surface condition and traffic volume.</p> <p>Major Projects: Overlay paving in Elaine St neighborhood in 2026.</p>
	3/4" Shim	
	HMA Overlay (1")	
	HMA Overlay (1.5")	
	HMA Overlay (2")	
Rehabilitation (fair/poor roads)	Milling / HMA (1.5")	<p>Strategy: Milling is warranted where road conditions are significantly deteriorated and some improvement to base pavement is needed before an overlay is applied. Examples include locations with significant alligator cracking or minor rutting.</p> <p>Major Projects: Mill/overlay Beech St, Spruce St, Balsam Ave, Linden Ave, Hatch, Dexter, Whitney, Cheney St, Lincoln Terrace, Sandy Ln in 2025; Mill/overlay Airport Rd in 2027; mill/overlay Fletcher Rd and Rowel Rd in 2030.</p>
	FDR & HMA (4")	<p>Strategy: Reclamation and reconstruction is warranted when subsurface conditions (e.g., old/deteriorated road base, severe frost heaving, deteriorated buried utilities) warrant a major overhaul of the roadway. Reclamation is a less-expensive treatment that recycles old road base; reconstruction is typically required when there are buried utilities.</p> <p>Major Projects: Reclaim/repave Barton Whitney Rd, Blueberry Ridge Rd, and Breakneck Rd in 2021; reconstruct Maple St between Main St and Bradford Rd in 2026 (coincide with water/sewer/sidewalk upgrade); reclaim/repave Witcher Rd in 2028; reclaim/repave paved section of Springfield Rd in 2029; reclaim/repave Hale Rd in 2030.</p>
FDR w/ Asphalt Stabilization and HMA (3")		
Grind/Gravel		
Grind/ Gravel/ Drainage and 3" Base Pave		

FDR = Full-depth reclamation

HMA = Hot-mix asphalt overlay

Summary of Repair Types and Costs by Year

Phase I: Reclaim Barton Whitney Rd, Blueberry Ridge Rd, Breakneck Rd. Paving/drainage work on Laurel St. Reclaim/grade Paradise Rd.

Phase II: Preventative maintenance on “good” roads (PCI > 75); pay off 2021 bond.

Phase III: Preventative maintenance on “good” roads; address “fair” and “poor” roads.

Repair Category	Repair	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Pavement Preservation (good roads)	Chip Seal	\$0	\$0	\$0	\$0	\$54,015	\$51,699	\$0	\$0	\$0	\$18,571
	Crack Seal	\$1,274	\$37,848	\$37,218	\$50,623	\$27,070	\$38,215	\$47,114	\$42,279	\$48,398	\$57,388
	Sand Seal	\$0	\$11,082	\$1,352	\$0	\$0	\$0	\$12,972	\$1,582	\$0	\$0
	Isolated Patch and HMA Shim	\$0	\$0	\$10,501	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overlay (fair roads)	1 1/4" Wearing	\$45,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	3/4" Shim	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	HMA Overlay (1")	\$0	\$0	\$0	\$0	\$48,687	\$0	\$109,940	\$0	\$0	\$54,877
	HMA Overlay (1.5")	\$8,263	\$0	\$0	\$0	\$0	\$0	\$7,351	\$0	\$0	\$0
	HMA Overlay (2")	\$0	\$0	\$0	\$0	\$10,778	\$0	\$0	\$0	\$0	\$0
Rehabilitation (fair/poor roads)	Milling / HMA (1.5")	\$0	\$0	\$0	\$0	\$160,422	\$12,332	\$148,739	\$35,315	\$53,448	\$135,600
Reclamation & Reconstruction (poor/failed roads)	FDR & HMA (4")	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,133
	FDR w/ Asphalt Stabilization and HMA (3")	\$793,118	\$0	\$0	\$0	\$0	\$0	\$0	\$260,846	\$284,280	\$0
	Grind/Gravel	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Grind/ Gravel/ Drainage and 3" Base Pave	\$0	\$0	\$0	\$0	\$0	\$253,647	\$0	\$0	\$0	\$0
	Total Est. Cost*	\$922,654	\$48,930	\$49,070	\$50,623	\$300,971	\$355,893	\$326,115	\$340,023	\$386,126	\$322,569

FDR = Full-depth reclamation

* Total repair costs presented for each year factor in 2.8% annual inflation.

HMA = Hot-mix asphalt overlay

TEN-YEAR PAVED ROAD MAINTENANCE STRATEGY: DETAILED BUDGET BY YEAR

Year 2021

Street	Map ID	Repair	Cost
Barton Whitney Rd	1	FDR w/ Asphalt Stabilization and HMA (3")	\$57,995
Barton Whitney Rd	2	FDR w/ Asphalt Stabilization and HMA (3")	\$58,029
Barton Whitney Rd	3	FDR w/ Asphalt Stabilization and HMA (3")	\$58,062
Barton Whitney Rd	4	FDR w/ Asphalt Stabilization and HMA (3")	\$58,055
Barton Whitney Rd	5	FDR w/ Asphalt Stabilization and HMA (3")	\$58,065
Barton Whitney Rd	6	FDR w/ Asphalt Stabilization and HMA (3")	\$58,061
Barton Whitney Rd	7	FDR w/ Asphalt Stabilization and HMA (3")	\$58,072
Barton Whitney Rd	8	FDR w/ Asphalt Stabilization and HMA (3")	\$57,368
Blueberry Ridge Rd	1	3/4" Shim	\$29,288
Blueberry Ridge Rd	1	1 1/4" Wearing	\$31,442
Blueberry Ridge Rd	2	3/4" Shim	\$30,482
Blueberry Ridge Rd	2	1 1/4" Wearing	\$32,724
Blueberry Ridge Rd	3	FDR w/ Asphalt Stabilization and HMA (3")	\$58,113
Blueberry Ridge Rd	4	FDR w/ Asphalt Stabilization and HMA (3")	\$58,219
Blueberry Ridge Rd	5	FDR w/ Asphalt Stabilization and HMA (3")	\$58,080
Blueberry Ridge Rd	6	FDR w/ Asphalt Stabilization and HMA (3")	\$58,854
Blueberry Ridge Rd	7	FDR w/ Asphalt Stabilization and HMA (3")	\$44,856
Breakneck Rd	1	FDR w/ Asphalt Stabilization and HMA (3")	\$2,973
Breakneck Rd	1	FDR w/ Asphalt Stabilization and HMA (3")	\$60,844
Breakneck Rd	2	FDR w/ Asphalt Stabilization and HMA (3")	\$73,120
Laurel St	3	HMA Overlay (1.5")	\$8,263
Paradise Rd	1	Grind/Gravel	\$20,090
Paradise Rd	2	Grind/Gravel	\$20,094
Paradise Rd	3	Grind/Gravel	\$6,509
Summer St	1	Crack Seal (Minor)	\$1,274

Year 2022

Street	Map ID	Repair	Cost
Ash St	1	Crack Seal (Minor)	\$467
Belknap Ave	1	Crack Seal (Minor)	\$705
Belknap Ave	2	Crack Seal (Minor)	\$1,281
Bradford Rd	1	Crack Seal (Minor)	\$1,379
Bradford Rd	2	Crack Seal (Minor)	\$1,374
Bradford Rd	3	Crack Seal (Minor)	\$1,373

Bradford Rd	4	Crack Seal (Minor)	\$1,374
Bradford Rd	5	Crack Seal (Minor)	\$1,375
Bradford Rd	6	Crack Seal (Minor)	\$1,374
Bradford Rd	7	Crack Seal (Minor)	\$1,376
Bradford Rd	8	Crack Seal (Minor)	\$1,821
Elm St	1	Crack Seal (Minor)	\$1,374
Elm St	2	Crack Seal (Minor)	\$1,374
Elm St	3	Crack Seal (Minor)	\$1,433
Highland Ave	1	Crack Seal (Minor)	\$442
Meadow Rd	1	Crack Seal (Minor)	\$1,500
Oak St	1	Crack Seal (Minor)	\$1,374
Oak St	2	Crack Seal (Minor)	\$1,248
Oak St	3	Crack Seal (Minor)	\$1,250
Oak St	4	Crack Seal (Minor)	\$1,250
Oak St	5	Crack Seal (Minor)	\$1,250
Oak St	6	Crack Seal (Minor)	\$1,250
Oak St	7	Crack Seal (Minor)	\$1,250
Oak St	8	Crack Seal (Minor)	\$1,250
Oak St	9	Crack Seal (Minor)	\$1,854
Prospect St	1	Crack Seal (Minor)	\$1,208
Sand Hill Rd	1	Crack Seal (Minor)	\$1,124
Sand Hill Rd	2	Crack Seal (Minor)	\$1,328
Summer St	2	Sand Seal	\$5,314
Summer St	3	Sand Seal	\$5,768
West St	1	Crack Seal (Minor)	\$352
Winter St	1	Crack Seal (Minor)	\$1,839

Year 2023

Street	Map ID	Repair	Cost
Alexander Ave	2	Crack Seal (Minor)	\$1,353
Alexander Ave	3	Crack Seal (Minor)	\$848
Bald Mountain Rd	1	Crack Seal (Minor)	\$2,541
Beverly St	1	Crack Seal (Minor)	\$911
Chateau Dr	1	Crack Seal (Minor)	\$312
Church St	1	Crack Seal (Minor)	\$1,158
Church St	1	Isolated Patch and HMA Shim	\$2,838
Columbus Cir	1	Crack Seal (Minor)	\$759
Cross St	1	Crack Seal (Minor)	\$894

Dewalt Ave	1	Crack Seal (Minor)	\$720
Dewalt Ave	1	Isolated Patch and HMA Shim	\$1,764
Dolores St	1	Crack Seal (Minor)	\$877
Elaine St	1	Crack Seal (Minor)	\$1,353
First St	1	Crack Seal (Minor)	\$555
Fourth St	1	Crack Seal (Minor)	\$576
Golf Dr	1	Crack Seal (Minor)	\$933
Grand View Ave	1	Crack Seal (Minor)	\$273
Jefferson St	1	Crack Seal (Minor)	\$593
Karlene St	2	Crack Seal (Minor)	\$1,393
Killarney Ln	1	Crack Seal (Minor)	\$621
Knoll St	1	Crack Seal (Minor)	\$816
Laurel St	1	Crack Seal (Minor)	\$1,322
Laurel St	1	Isolated Patch and HMA Shim	\$3,239
Lorraine St	1	Crack Seal (Minor)	\$1,352
Newport Ave	1	Sand Seal	\$1,352
Pine St	1	Crack Seal (Minor)	\$1,162
Pine St	2	Crack Seal (Minor)	\$1,160
Pine St	3	Crack Seal (Minor)	\$1,160
Pine St	4	Crack Seal (Minor)	\$1,160
Pine St	5	Crack Seal (Minor)	\$656
Pinnacle Rd	1	Crack Seal (Minor)	\$851
Post Office Rd	1	Crack Seal (Minor)	\$350
Sargent Ln	1	Crack Seal (Minor)	\$1,142
Second St	1	Crack Seal (Minor)	\$464
Shannon Ct	1	Crack Seal (Minor)	\$501
South St	1	Crack Seal (Minor)	\$452
South St	1	Isolated Patch and HMA Shim	\$1,108
Spring St	1	Crack Seal (Minor)	\$666
Spring St	1	Crack Seal (Minor)	\$1,703
Summit Rd	1	Crack Seal (Minor)	\$1,921
Swan St	1	Crack Seal (Minor)	\$663
Third St	1	Crack Seal (Minor)	\$607
William St	1	Crack Seal (Minor)	\$917
Willow St	1	Crack Seal (Minor)	\$886
Woodland Ave	1	Crack Seal (Minor)	\$464
Woodland Ave	1	Isolated Patch and HMA Shim	\$1,136
Woodland Ave	1	Crack Seal (Minor)	\$170
Woodland Ave	1	Isolated Patch and HMA Shim	\$416

Year 2024

Street	Map ID	Repair	Cost
Bascom Rd	7	Crack Seal (Minor)	\$1,763
Campus St	1	Crack Seal (Minor)	\$259
Canal St	1	Crack Seal (Minor)	\$1,474
Cedar St	1	Crack Seal (Minor)	\$240
Cheney St	1	Crack Seal (Minor)	\$1,329
Clark St	1	Crack Seal (Minor)	\$151
Corbin Rd		Crack Seal (Minor)	\$1,106
Cottage St	1	Crack Seal (Minor)	\$317
Country Club Dr	1	Crack Seal (Minor)	\$1,085
Court St	1	Crack Seal (Minor)	\$682
Court St	1	Crack Seal (Minor)	\$1,983
Crescent St	1	Crack Seal (Minor)	\$462
Dale St	1	Crack Seal (Minor)	\$156
East Mountain Rd	4	Crack Seal (Minor)	\$1,331
East Mountain Rd	5	Crack Seal (Minor)	\$910
East Mountain Rd	5	Crack Seal (Minor)	\$1,332
East Mountain Rd	6	Crack Seal (Minor)	\$1,332
East Mountain Rd	7	Crack Seal (Minor)	\$1,331
East Mountain Rd	8	Crack Seal (Minor)	\$1,368
Fairbanks Rd	1	Crack Seal (Minor)	\$591
Fairway Ave	1	Crack Seal (Minor)	\$946
Green Rd	1	Crack Seal (Minor)	\$1,122
Grove St	1	Crack Seal (Minor)	\$568
Laurel St	2	Crack Seal (Minor)	\$373
Laurel St	3	Crack Seal (Minor)	\$626
Maple St	3	Crack Seal (Minor)	\$1,331
Maple St	4	Crack Seal (Minor)	\$1,331
Maple St	5	Crack Seal (Minor)	\$1,331
Maple St	6	Crack Seal (Minor)	\$1,331
Maple St	7	Crack Seal (Minor)	\$1,331
Maple St	8	Crack Seal (Minor)	\$1,331
Maple St	9	Crack Seal (Minor)	\$1,332
Maple St	10	Crack Seal (Minor)	\$827
Mechanic St	1	Crack Seal (Minor)	\$627
Myrtle St	1	Crack Seal (Minor)	\$868
Page Hill Rd	5	Crack Seal (Minor)	\$1,397
Page Hill Rd	6	Crack Seal (Minor)	\$1,397

Page Hill Rd	7	Crack Seal (Minor)	\$1,291
Park St	1	Crack Seal (Minor)	\$1,332
Pearl St	1	Crack Seal (Minor)	\$655
Pleasant St	1	Crack Seal (Minor)	\$753
Putnam Rd	1	Crack Seal (Minor)	\$1,047
River St	1	Crack Seal (Minor)	\$556
Roseland Rd	1	Crack Seal (Minor)	\$564
Schoolhouse Rd	1	Crack Seal (Minor)	\$1,333
Schoolhouse Rd	2	Crack Seal (Minor)	\$1,332
Schoolhouse Rd	3	Crack Seal (Minor)	\$1,947
Syndicate St	1	Crack Seal (Minor)	\$658
Union St	1	Crack Seal (Minor)	\$835
Victory Dr	1	Crack Seal (Minor)	\$384
Walnut St	1	Crack Seal (Minor)	\$533
Woodhull Way	1	Crack Seal (Minor)	\$136

Year 2025

Street	Map ID	Repair	Cost
Balsam Rd	1	Milling / HMA (1.5")	\$17,832
Barton Whitney Rd	1	Crack Seal (Minor)	\$1,441
Barton Whitney Rd	2	Crack Seal (Minor)	\$1,442
Barton Whitney Rd	3	Crack Seal (Minor)	\$1,443
Barton Whitney Rd	4	Crack Seal (Minor)	\$1,442
Barton Whitney Rd	5	Crack Seal (Minor)	\$1,443
Barton Whitney Rd	6	Crack Seal (Minor)	\$1,443
Barton Whitney Rd	7	Crack Seal (Minor)	\$1,443
Barton Whitney Rd	8	Crack Seal (Minor)	\$1,425
Beech St	1	Milling / HMA (1.5")	\$26,759
Beech St	2	Milling / HMA (1.5")	\$31,598
Blueberry Ridge Rd	1	Crack Seal (Minor)	\$1,459
Blueberry Ridge Rd	2	Crack Seal (Minor)	\$1,518
Blueberry Ridge Rd	3	Crack Seal (Minor)	\$1,444
Blueberry Ridge Rd	4	Crack Seal (Minor)	\$1,447
Blueberry Ridge Rd	5	Crack Seal (Minor)	\$1,443
Blueberry Ridge Rd	6	Crack Seal (Minor)	\$1,462
Blueberry Ridge Rd	7	Crack Seal (Minor)	\$1,115
Breakneck Rd	1	Crack Seal (Minor)	\$74
Breakneck Rd	1	Crack Seal (Minor)	\$1,512

Breakneck Rd	2	Crack Seal (Minor)	\$1,817
Camel Hump Rd	1	Chip Seal	\$8,070
Camel Hump Rd	2	Chip Seal	\$8,187
Chandlers Mill Rd	10	Chip Seal	\$8,077
Chandlers Mill Rd	11	Chip Seal	\$7,788
Cheney St	2	Milling / HMA (1.5")	\$26,775
Cheney St	3	Milling / HMA (1.5")	\$26,856
Coit View Dr	1	Crack Seal (Minor)	\$814
Cornish Tpke	1	HMA Overlay (1")	\$3,563
Dexter Ave	1	HMA Overlay (1")	\$3,302
Golf Club Rd	1	HMA Overlay (1")	\$10,536
Hatch Ave	1	HMA Overlay (1")	\$2,970
Hatch Ave	1	Milling / HMA (1.5")	\$5,909
Juniper St	1	HMA Overlay (2")	\$10,778
Lincoln Ter	1	Milling / HMA (1.5")	\$6,044
Linden Ave	1	Milling / HMA (1.5")	\$4,223
Old Goshen Rd	1	Chip Seal	\$8,072
Old Goshen Rd	2	Chip Seal	\$8,468
Old Goshen Rd	3	Chip Seal	\$5,353
Sandy Ln	1	Milling / HMA (1.5")	\$2,524
Spruce St	1	Milling / HMA (1.5")	\$11,901
Sullivan St	1	HMA Overlay (1")	\$3,903
Summer St	1	Crack Seal (Minor)	\$1,445
Whitney Ave	1	HMA Overlay (1")	\$4,601
Winter St	1	HMA Overlay (1")	\$19,812

Year 2026

Street	Map ID	Repair	Cost
Ash St	1	Chip Seal	\$3,110
Belknap Ave	1	Crack Seal (Minor)	\$800
Belknap Ave	2	Crack Seal (Minor)	\$1,453
Bradford Rd	1	Crack Seal (Minor)	\$1,565
Bradford Rd	2	Crack Seal (Minor)	\$1,559
Bradford Rd	3	Crack Seal (Minor)	\$1,558
Bradford Rd	4	Crack Seal (Minor)	\$1,559
Bradford Rd	5	Crack Seal (Minor)	\$1,559
Bradford Rd	6	Crack Seal (Minor)	\$1,559
Bradford Rd	7	Crack Seal (Minor)	\$1,561
Bradford Rd	8	Crack Seal (Minor)	\$2,065

Elm St	1	Crack Seal (Minor)	\$1,559
Elm St	2	Crack Seal (Minor)	\$1,559
Elm St	3	Crack Seal (Minor)	\$1,625
Falls Rd	1	Milling / HMA (1.5")	\$12,332
Highland Ave	1	Crack Seal (Minor)	\$501
Maple St	1	Grind/Gravel/Drainage and 3" Base Pave	\$126,706
Maple St	2	Grind/Gravel/Drainage and 3" Base Pave	\$126,941
Meadow Rd	1	Chip Seal	\$9,995
Oak St	1	Crack Seal (Minor)	\$1,558
Oak St	2	Crack Seal (Minor)	\$1,416
Oak St	3	Crack Seal (Minor)	\$1,417
Oak St	4	Crack Seal (Minor)	\$1,418
Oak St	5	Crack Seal (Minor)	\$1,418
Oak St	6	Crack Seal (Minor)	\$1,418
Oak St	7	Crack Seal (Minor)	\$1,418
Oak St	8	Crack Seal (Minor)	\$1,418
Oak St	9	Crack Seal (Minor)	\$2,103
Pollards Mill Rd	1	Chip Seal	\$9,181
Pollards Mill Rd	2	Chip Seal	\$9,166
Pollards Mill Rd	3	Chip Seal	\$9,164
Pollards Mill Rd	4	Chip Seal	\$8,741
Prospect St	1	Crack Seal (Minor)	\$1,370
Sand Hill Rd	1	Crack Seal (Minor)	\$1,275
Sand Hill Rd	2	Crack Seal (Minor)	\$1,506
West St	1	Chip Seal	\$2,343

Year 2027

Street	Map ID	Repair	Cost
Airport Rd	1	Milling / HMA (1.5")	\$11,890
Alexander Ave	2	HMA Overlay (1")	\$15,039
Alexander Ave	3	HMA Overlay (1")	\$9,430
Bald Mountain Rd	1	Crack Seal (Minor)	\$2,882
Beverly St	1	HMA Overlay (1")	\$10,127
Chateau Dr	1	Crack Seal (Minor)	\$354
Church St	1	Crack Seal (Minor)	\$1,314
Columbus Cir	1	Crack Seal (Minor)	\$861
Country Club Dr	2	Milling / HMA (1.5")	\$15,052
Cross St	1	Crack Seal (Minor)	\$1,014

Dewalt Ave	1	Crack Seal (Minor)	\$817
Dolores St	1	HMA Overlay (1")	\$9,743
Elaine St	1	HMA Overlay (1")	\$15,037
Fairway Ave	2	Milling / HMA (1.5")	\$33,062
First St	1	Crack Seal (Minor)	\$629
Fourth St	1	Crack Seal (Minor)	\$654
Golf Dr	1	Crack Seal (Minor)	\$1,058
Grand View Ave	1	Crack Seal (Minor)	\$310
High St	1	Milling / HMA (1.5")	\$5,735
Hill St	1	HMA Overlay (1.5")	\$3,683
Hillside Dr	1	Milling / HMA (1.5")	\$8,334
Jefferson St	1	Crack Seal (Minor)	\$672
Karlene St	2	HMA Overlay (1")	\$15,490
Killarney Ln	1	Crack Seal (Minor)	\$705
Knoll St	1	Crack Seal (Minor)	\$926
Laurel St	1	Crack Seal (Minor)	\$1,499
Laurel St	2	Crack Seal (Minor)	\$410
Lorraine St	1	HMA Overlay (1")	\$15,026
Maple St	3	Crack Seal (Minor)	\$1,463
Maple St	4	Crack Seal (Minor)	\$1,463
Maple St	5	Crack Seal (Minor)	\$1,463
Maple St	6	Crack Seal (Minor)	\$1,463
Maple St	7	Crack Seal (Minor)	\$1,463
Maple St	8	Crack Seal (Minor)	\$1,463
Maple St	9	Crack Seal (Minor)	\$1,464
Maple St	10	Crack Seal (Minor)	\$909
Pine St	1	Crack Seal (Minor)	\$1,318
Pine St	2	Crack Seal (Minor)	\$1,316
Pine St	3	Crack Seal (Minor)	\$1,316
Pine St	4	Crack Seal (Minor)	\$1,316
Pine St	5	Crack Seal (Minor)	\$744
Pinnacle Rd	1	Crack Seal (Minor)	\$966
Post Office Rd	1	Crack Seal (Minor)	\$397
Sargent Ln	1	Crack Seal (Minor)	\$1,296
School St	1	Milling / HMA (1.5")	\$19,037
Schoolhouse Rd	1	Crack Seal (Minor)	\$1,465
Schoolhouse Rd	2	Crack Seal (Minor)	\$1,464
Schoolhouse Rd	3	Crack Seal (Minor)	\$2,140
Second St	1	Crack Seal (Minor)	\$527
Shannon Ct	1	Crack Seal (Minor)	\$569

Short St	1	HMA Overlay (1.5")	\$3,667
Spring Brook Rd	1	Milling / HMA (1.5")	\$18,735
Spring St	1	Crack Seal (Minor)	\$755
Spring St	1	Crack Seal (Minor)	\$1,932
Summer St	2	Sand Seal	\$6,220
Summer St	3	Sand Seal	\$6,752
Summit Rd	1	Crack Seal (Minor)	\$2,179
Swan St	1	Crack Seal (Minor)	\$752
Third St	1	Crack Seal (Minor)	\$689
Whipple Rd		Milling / HMA (1.5")	\$36,894
William St	1	HMA Overlay (1")	\$10,199
Willow St	1	HMA Overlay (1")	\$9,849
Woodland Ave	1	Crack Seal (Minor)	\$526
Woodland Ave	1	Crack Seal (Minor)	\$193

Year 2028

Street	Map ID	Repair	Cost
Bascom Rd	7	Crack Seal (Minor)	\$1,999
Campus St	1	Crack Seal (Minor)	\$294
Canal St	1	Crack Seal (Minor)	\$1,671
Cary St	1	Milling / HMA (1.5")	\$35,315
Cedar St	1	Crack Seal (Minor)	\$273
Cheney St	1	Crack Seal (Minor)	\$1,508
Clark St	1	Crack Seal (Minor)	\$171
Corbin Rd		Crack Seal (Minor)	\$1,255
Cornish Tpke	1	Crack Seal (Minor)	\$400
Cottage St	1	Crack Seal (Minor)	\$359
Country Club Dr	1	Crack Seal (Minor)	\$1,231
Court St	1	Crack Seal (Minor)	\$774
Court St	1	Crack Seal (Minor)	\$2,249
Crescent St	1	Crack Seal (Minor)	\$524
Dale St	1	Crack Seal (Minor)	\$177
East Mountain Rd	4	Crack Seal (Minor)	\$1,510
East Mountain Rd	5	Crack Seal (Minor)	\$1,033
East Mountain Rd	5	Crack Seal (Minor)	\$1,511
East Mountain Rd	6	Crack Seal (Minor)	\$1,511
East Mountain Rd	7	Crack Seal (Minor)	\$1,510
East Mountain Rd	8	Crack Seal (Minor)	\$1,551

Fairbanks Rd	1	Crack Seal (Minor)	\$670
Fairway Ave	1	Crack Seal (Minor)	\$1,072
Golf Club Rd	1	Crack Seal (Minor)	\$1,182
Green Rd	1	Crack Seal (Minor)	\$1,272
Grove St	1	Crack Seal (Minor)	\$644
Laurel St	3	Crack Seal (Minor)	\$710
Mechanic St	1	Crack Seal (Minor)	\$711
Myrtle St	1	Crack Seal (Minor)	\$984
Newport Ave	1	Sand Seal	\$1,582
Page Hill Rd	5	Crack Seal (Minor)	\$1,584
Page Hill Rd	6	Crack Seal (Minor)	\$1,584
Page Hill Rd	7	Crack Seal (Minor)	\$1,464
Park St	1	Crack Seal (Minor)	\$1,510
Pearl St	1	Crack Seal (Minor)	\$743
Pleasant St	1	Crack Seal (Minor)	\$855
Putnam Rd	1	Crack Seal (Minor)	\$1,187
River St	1	Crack Seal (Minor)	\$631
Roseland Rd	1	Crack Seal (Minor)	\$640
Sullivan St	1	Crack Seal (Minor)	\$438
Syndicate St	1	Crack Seal (Minor)	\$746
Union St	1	Crack Seal (Minor)	\$947
Victory Dr	1	Crack Seal (Minor)	\$436
Walnut St	1	Crack Seal (Minor)	\$604
Whitcher Rd	1	FDR w/ Asphalt Stabilization and HMA (3")	\$82,653
Whitcher Rd	2	FDR w/ Asphalt Stabilization and HMA (3")	\$82,651
Whitcher Rd	3	FDR w/ Asphalt Stabilization and HMA (3")	\$95,543
Woodhull Way	1	Crack Seal (Minor)	\$154

Year 2029

Street	Map ID	Repair	Cost
Balsam Rd	1	Crack Seal (Minor)	\$1,037
Barton Whitney Rd	1	Crack Seal (Minor)	\$1,635
Barton Whitney Rd	2	Crack Seal (Minor)	\$1,635
Barton Whitney Rd	3	Crack Seal (Minor)	\$1,636
Barton Whitney Rd	4	Crack Seal (Minor)	\$1,636
Barton Whitney Rd	5	Crack Seal (Minor)	\$1,636
Barton Whitney Rd	6	Crack Seal (Minor)	\$1,636
Barton Whitney Rd	7	Crack Seal (Minor)	\$1,637
Barton Whitney Rd	8	Crack Seal (Minor)	\$1,617

Beech St	1	Crack Seal (Minor)	\$1,557
Beech St	2	Crack Seal (Minor)	\$1,838
Blueberry Ridge Rd	1	Crack Seal (Minor)	\$1,655
Blueberry Ridge Rd	2	Crack Seal (Minor)	\$1,722
Blueberry Ridge Rd	3	Crack Seal (Minor)	\$1,638
Blueberry Ridge Rd	4	Crack Seal (Minor)	\$1,641
Blueberry Ridge Rd	5	Crack Seal (Minor)	\$1,637
Blueberry Ridge Rd	6	Crack Seal (Minor)	\$1,659
Blueberry Ridge Rd	7	Crack Seal (Minor)	\$1,264
Breakneck Rd	1	Crack Seal (Minor)	\$84
Breakneck Rd	1	Crack Seal (Minor)	\$1,715
Breakneck Rd	2	Crack Seal (Minor)	\$2,061
Cheney St	2	Crack Seal (Minor)	\$1,557
Cheney St	3	Crack Seal (Minor)	\$1,562
Coit View Dr	1	Crack Seal (Minor)	\$923
Dexter Ave	1	Crack Seal (Minor)	\$382
Falls Rd	1	Crack Seal (Minor)	\$695
Hatch Ave	1	Crack Seal (Minor)	\$344
Juniper St	1	Crack Seal (Minor)	\$735
Lincoln Ter	1	Crack Seal (Minor)	\$352
Linden Ave	1	Crack Seal (Minor)	\$246
Maple St	1	Crack Seal (Minor)	\$1,860
Maple St	2	Crack Seal (Minor)	\$1,863
Park View Ave	1	Milling / HMA (1.5")	\$27,318
Park View Ave	2	Milling / HMA (1.5")	\$16,698
Parkview St	1	Milling / HMA (1.5")	\$9,432
Sandy Ln	1	Crack Seal (Minor)	\$147
Springfield Rd	1	FDR w/ Asphalt Stabilization and HMA (3")	\$71,011
Springfield Rd	2	FDR w/ Asphalt Stabilization and HMA (3")	\$71,080
Springfield Rd	3	FDR w/ Asphalt Stabilization and HMA (3")	\$71,080
Springfield Rd	4	FDR w/ Asphalt Stabilization and HMA (3")	\$71,109
Spruce St	1	Crack Seal (Minor)	\$692
Summer St	1	Crack Seal (Minor)	\$1,639
Whitney Ave	1	Crack Seal (Minor)	\$532
Winter St	1	Crack Seal (Minor)	\$2,293

Year 2030

Street	Map ID	Repair	Cost
Airport Rd	1	Crack Seal (Minor)	\$670

Alexander Ave	2	Crack Seal (Minor)	\$1,687
Alexander Ave	3	Crack Seal (Minor)	\$1,058
Belknap Ave	1	Crack Seal (Minor)	\$907
Belknap Ave	2	Crack Seal (Minor)	\$1,648
Beverly St	1	Crack Seal (Minor)	\$1,136
Bradford Rd	1	Crack Seal (Minor)	\$1,775
Bradford Rd	2	Crack Seal (Minor)	\$1,768
Bradford Rd	3	Crack Seal (Minor)	\$1,767
Bradford Rd	4	Crack Seal (Minor)	\$1,768
Bradford Rd	5	Crack Seal (Minor)	\$1,768
Bradford Rd	6	Crack Seal (Minor)	\$1,768
Bradford Rd	7	Crack Seal (Minor)	\$1,771
Bradford Rd	8	Crack Seal (Minor)	\$2,342
Chandlers Mill Rd	10	Chip Seal	\$9,455
Chandlers Mill Rd	11	Chip Seal	\$9,116
Country Club Dr	2	Crack Seal (Minor)	\$848
Dolores St	1	Crack Seal (Minor)	\$1,093
Elaine St	1	Crack Seal (Minor)	\$1,686
Elm St	1	Crack Seal (Minor)	\$1,768
Elm St	2	Crack Seal (Minor)	\$1,768
Elm St	3	Crack Seal (Minor)	\$1,843
Fairway Ave	2	Crack Seal (Minor)	\$1,863
Fletcher Rd	1	Milling / HMA (1.5")	\$14,322
Fletcher Rd	2	Milling / HMA (1.5")	\$31,902
Fletcher Rd	3	Milling / HMA (1.5")	\$30,240
Hale St	1	FDR & HMA (4")	\$56,133
High St	1	Crack Seal (Minor)	\$323
Highland Ave	1	Crack Seal (Minor)	\$569
Hill St	1	Crack Seal (Minor)	\$279
Hillside Dr	1	Crack Seal (Minor)	\$470
Karlene St	2	Crack Seal (Minor)	\$1,737
Laurel St	2	Crack Seal (Minor)	\$451
Lorraine St	1	Crack Seal (Minor)	\$1,685
Oak St	1	Crack Seal (Minor)	\$1,767
Oak St	2	HMA Overlay (1")	\$15,736
Oak St	3	Crack Seal (Minor)	\$1,608
Oak St	4	Crack Seal (Minor)	\$1,608
Oak St	5	Crack Seal (Minor)	\$1,608
Oak St	6	Crack Seal (Minor)	\$1,608

Oak St	7	Crack Seal (Minor)	\$1,608
Oak St	8	HMA Overlay (1")	\$15,764
Oak St	9	HMA Overlay (1")	\$23,377
Prospect St	1	Crack Seal (Minor)	\$1,554