

2023 Crack Sealing Program

Project Overview: The goal of the Town's annual crack sealing program is to extend the life span of the existing roadway. Cracks naturally develop in asphalt due to oxidation and pavement deterioration. Crack sealing is a necessary maintenance procedure to prolong the life of a roadway, by preventing excess water from penetrating the roadway surface and migrating into the sub-base material, which is a major cause of premature pavement failure.

Project Schedule: Utilizing the updated Street scan survey data, Engineering staff have developed a list of streets to receive crack sealing during the 2023 construction season. Street Logix software produces recommendations based on the condition of the roadway as well as prioritization plan. Evaluations of these recommendations have been conducted by field verifying each roadway surface to ensure crack sealing is the proper maintenance procedure.

This contract was put out to bid in March with the Bid opening on April 10th. Superior Sealcoat, Inc. of Wilmington Ma was the lowest bidder, and has since been awarded the contract for \$45,463.00 which includes almost 10.5 miles of roadway. CPW has executed contracts with the contractor. Construction began in late July and will continue through the construction season.

List of streets to be crack sealed.

Street Name	From Street Name	To Street Name	Length (ft)
Heaths Bridge Road	Sudbury Road	The Valley Road	3600
Seven Star Lane	Old Road to Nine Acre Corner	Sudbury Road	1036
Nut Meadow	Old Road to Nine Acre Corner	End	1710
Partridge Lane	Bedford Street	End	2570
Powder Mill Road	Old Pickard Road	Sudbury Road	7540
Spring Road	Old Marlboro Road	End	1330
Tarbell Spring Road	Ministerial Drive	Ministerial Drive	1550
Southfield Road	Sudbury Road	Pilgrim Road	2370
Grant Street	Sudbury Road	Belknap Street	940
Elsinore Street	Grant Street	Belknap Street	3165
Hubbard Street	Thoreau Street	Union Street	300
Willow Street	Thoreau Street	Union Street	348
Union Street	Hubbard Street	Fielding Street	400
Fielding Street	Union Street	Thoreau Street	390
Walden Terrace	Thoreau Street	End	950
Keyes Road	Lowell Road	Main Street	1700
Bedford Street	house #256(cold seam)	House #374(cold Seam)	1085

Church Street	Main Street	Commonwealth Ave.	770
Conant St.	Main Street	Lawbrook Road	2100
East Circle	Holden wood Road	End	200
Finigan Way	Strawberry Hill Road	End	1200
Fitchburg Turnpike	Sudbury Town Line	Garfield Road	4650
Holden Lane	Holden Wood Road	End	270
Liberty Street	Monument Street	Lowell Road	3000
Baker Avenue	Elm Street	End	1917
Grove St	Barretts Mill Road	Barretts Mill Road	1340
Plainfield Road	Fitchburg Turnpike	Powdermill Road	4935
Laurel Street	Walden Street	Stow Street	860
Thoreau Street	Sudbury Road	Main Street	500
Crest Street	Main Street	Cottage Street	810
Brook Trail Road	Main Street	Hayward Mill Road	1040
Woodland Road	Old Marlboro Road	End	720
MacArthur Road	Main Street	Old Marlboro Road	1010

Town Contacts:

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