

Paving Projects FY 2011/2012

The following roads are to be resurfaced during the 2011/2012 Fiscal Year. There are four different methods we will use for road resurfacing: Milling and Overlay, Heat Scarification, Shim and Chip Seal, and Crack Seal. Each road has been evaluated to determine which method is the most appropriate for the road surface. Following is the listing of roads to be resurfaced by each method followed by a brief description of how each method is performed.

1 Inch Overlay

Grant Estate Drive
Walker Drive
Springbrook Lane
Pettibone Drive

Michael Road
Elaine Drive
Lionel Drive
Gregory Lane

Timber Ridge Drive
Elliot Drive
Deerfield Lane

Mill and 1.5 Inch Overlay

Harvest Hill Road
Fox Den Road

Heat Scarification and 1 Inch Overlay

Chriswell Drive
Alder Road
Deep Wood Road
Russell Lane
Robin Road
Lost Brook Road

Glenbrook Drive
Bridlepath Road
Munnisunk Drive
Tim Clark Circle
Field Drive
Phelpscroft Road

Barry Lane
Northfield Road
Carver Circle
Tomstead Road
East Tomstead Road

Shim and Chip Seal

East Weatogue Street (from Route 185 to Riverside Road)
Riverside Road

Chip Seal [No Shim]

Terry's Plain Road (from East Weatogue Street to Route 315)
Old Meadow Plain Road (from Route 10 to Lawton Drive)

Complete Reconstruction

Brook Drive
Hoplea Road

*The above paving projects may be modified based upon weather, or other factors impacting schedule, including installation of water mains, sanitary sewers, etc.

**Additional roads may be added to this year's schedule if the above can be completed ahead of schedule.

Crack Seal

Hoskins Road	Fernwood Drive	Wintergreen Lane
County Road	George Street	Chestnut Hill Road
Holcomb Street	Ardsley Way	Glenn Hollow Lane
Great Pond Road	Neal Drive	Sherwood Lane
Anja Drive	Nila's Way	Huckleberry Lane
Pia Lane	West Mary Drive	Watch Hill
Saddle Ridge Drive	Joyce Lane	Colby Court
North Saddle Ridge Drive	Simsbury Manor Drive	Stockade Road
Five Gaits Farm	Mountain View Drive	Stratton Brook Road (from Route 10 to Route 309)
Joshua Drive	Sunrise Terrace	Barndoor Hills Road
Old Farms Road (from Farms Village Road to Firetown Road)	Colonial Drive	Hoskins Road
Maureen Drive	Kings Road	
	Parsons Drive	
	Madison Lane	

Milling and Overlay is the process that begins with milling (grinding out the existing asphalt) the gutters along the side of the road. By milling the gutters, it is possible to place the new asphalt onto the road surface without having to alter the height of the catch basins, making the resurfacing more economic. Following the milling, a one and one-half inch overlay of new asphalt is placed upon the road surface, creating a smooth roadway surface.

Heat Scarification is the process of heating the road surface to a high temperature. Metal forks are then inserted into the road which allows for the re-compaction of the asphalt. When completed, a thin layer of asphalt is applied and compacted with a roller.

Shim and Chip Seal is a two part process which is used to rehabilitate rural roads. The first step is called shimming and involves filling potholes and leveling out the road surface using bituminous asphalt. This step is followed by the chip seal. Chip sealing is a process in which an adhesive is placed upon the road surface and then covered over with loose gravel or aggregate. This differs from traditional road surfacing in that the aggregate and adhesive are not mixed prior to being placed on the road. The end result may be a rougher road surface, however this may lead to slower traveling speeds on rural roads and increase safety.

Crack Sealing is the process of sealing cracks in roads with hot bituminous sealant. The main function for crack sealing is to prevent moisture from entering into road pavement leading to significant roadway damage.