

Paving Projects FY 2012/2013

Simsbury Public Works has scheduled the following roads for paving during the 2012 construction season. These roads have been selected for paving in accordance with our Pavement Management Plan. This plan is a comprehensive maintenance plan developed to provide the best maintained roads at the lowest annual cost to our residents. For more information on our Pavement Management Plan, please see our website, www.simsbury-ct.gov/pubworks. As with any construction of this type, work is dependent on weather and other contributing factors.

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 1/2 Inch Overlay

Birch Rd.	Crescent Way	Shady Lane
Butterchurn	Drake Hill Rd.	The Glade
Case Circle	Homestead Rd.	The Mews
Cedar Glen Rd.	Iron Horse Blvd.	Watson Dr.
Cedar Hill Rd.	Old Bridge Rd.	Wyngate
Clearfield Rd.	Pheasant Lane	
Country Club Dr.	Quorn Hunt Rd.	

Heat Scarification and 1 Inch Overlay

Alder Rd.	Hyer Dr.
Ann Mar Lane	Knollwood Circle
Banks Rd.	Litchfield Dr.
Barnard Dr.	Lucy Way
Berkshire Way	Robin Rd.
Blueridge Dr. from Old Oak Dr. to Cul-de-sac	Russell Lane
Centerwood	Saxton Brook Dr.
Chriswell Rd.	Talcott Mountain from E. Weatogue to Cul-de-sac
Deepwood Rd.	Westminster Cartway
Gordon St.	Westwood Dr.
Hampshire Lane	Willard St.
Howard St.	

Shim and Chip Seal

Firetown from Town Line to Old Farms Rd.

Chip Seal

Terry's Plain Rd. from Quarry Rd. to East Weatogue St.
Ferry Lane
Goodrich Rd.

*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

Brookridge	Ichabod Rd.	Rebecca La.
Candlewood Court	Katharine Lane	Roberts Rd.
Canton Rd. to Wildwood	Kerr Farm Rd.	Seminary Rd.
Caryn La.	Laurel Dr.	Shaw Dr.
Clifdon Dr.	Laurie-Joe Way	Short Lane
Daniel La.	Lawton Dr.	Simsbury Pines
Eastview	Minister Brook Dr.	Tower Dr.
Firebrick La.	North Dr.	Tuller Dr.
Hearthstone Dr.	Oakland Court	Westborough Dr.
Hemlock Lane	Old Stone Crossing	Whyntwood
Hickory Hill Rd.	Oxford Ct.	Wolcott Rd.
Hopbrook from Old Farms to Great Pond	Paine Rd.	

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.