

Current Projects

Pavement preservation is essential to keep our roads from deteriorating and can be accomplished for a fraction of the cost of new construction. See our website, www.sccrc-roads.org, for additional information. Under the "Projects" tab, preservation and construction projects are listed by year. Each project lists the location, funding, type of treatment and status. Under the "Transparency" tab, click on St. Clair County Road Commission Asset Management to view a variety of information regarding recommended asphalt treatments and their associated costs for different road conditions.

www.sccrc-roads.org

St. Clair County Road Commission

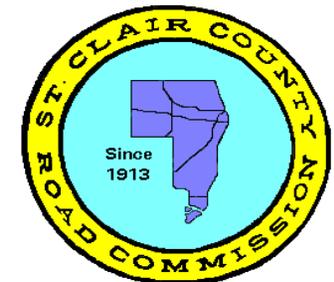
21 Airport Drive
St. Clair, MI 48079

Phone: (810) 364-5720
Fax: (810) 364-9050

Pavement Preservation Program



St. Clair County Road Commission



Pavement Preservation

Pavement preservation is a planned system of treating pavements at the optimum time to maximize their useful life, thus enhancing pavement longevity at the lowest cost. It is a preventative maintenance program, not a construction project.



Crack Filling

Crack filling is the placement of material into individual existing cracks to reduce water infiltration and help prevent secondary cracking. It also provides support to the adjacent pavement.

It also provides support to the adjacent pavement.

Chip Seal

A chip seal is a surface treatment in which the pavement is sprayed with asphalt and then immediately covered with aggregate and rolled. Chip seals are used primarily to seal pavement and improve the surface friction

by providing a new wearing surface. Chip



seals also slow reflection cracking and enrich hardened or oxidized pavement.

Fog Seal

A fog seal is a light application to an existing surface of a slow-setting asphalt emulsion diluted with water. Typically it is used to restore flexibility to old asphalt surfaces that have become dry and brittle with age.



Fog seal is also utilized to coat newly chip sealed surfaces. Coating the new chip seal surface eliminates dust, aids in retention of the newly applied stone, and helps to make pavement marking more visible. A fog seal can add years to the life of a chip seal before additional treatment is required.

Microsurfacing

Microsurfacing is a mixture of high-quality aggregates and polymer-modified emulsion binder applied in a thin (3/8") coating to seal the pavement surface, improve the surface friction and fill



ruts and minor surface irregularities.

Ultrathin Hot Mix Asphalt

An ultrathin hot mix asphalt treatment is designed specifically for thin lift (3/4") placement. It's the only preventive maintenance technique that adds structural value to the roadway while helping to extend a pavement's service life.

St. Clair County Road Commission

Phone: (810) 364-5720
Fax: (810) 364-9050
E-mail: roads@stclaircounty.org