

SONOMA COUNTY DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

PAVEMENT PRESERVATION PROGRAM



“Pavement Preservation” is a proactive approach to prolonging the life of a road, while also lowering the long-term cost of maintaining it. With a focus on higher volume roadways serving larger populations, the distinguishing characteristic of this strategy is that it often entails applying less expensive treatments to roads that are still in moderately good condition as a means to prolong the need for major road replacement.

HOW ARE ROADS EVALUATED?

TPW performs inspections every two years. Pavement Condition Index is a numerical index between 0 and 100 used to classify the condition of a specific segment of road pavement. The index includes five classifications: Very Poor (0-24), Poor (25-49), Good/Fair (50-69), Very Good (70-89) and Excellent (90-100).

HOW ARE ROADS SELECTED FOR PAVING?

1. As adopted in 2014, The **Road Evaluation Framework** includes general roadway information by classification, including average daily traffic, pavement condition, bike and transit relevance, the presence of public safety facilities and Supervisorial District.
2. **StreetSaver®** is the Metropolitan Transportation Commission’s (MTC) pavement management program, which most local agencies in the Bay Area use to help identify both maintenance needs and a cost effective pavement capital program to address those needs. The program inputs consist of the length, width, surface type, functional classification and current pavement condition for each road. The program then applies a complex algorithmic model to predict how each road will deteriorate over time, when and what type of pavement maintenance or repair treatment is appropriate and the cost of the treatment. The software focuses on providing cost effective recommendations that enhance the overall system Pavement Condition Index (PCI).
3. The Department of Transportation and Public Works will utilize StreetSaver® in combination with feedback from the Road Maintenance Division and individual Board members to identify a list of candidate roads as a component of the annual pavement management program work plan.

WORST FIRST PROGRAM

The focus for this category of funding is to identify roads that would not be identified as a priority in the Road Evaluation Framework and have degraded beyond the maintenance team’s ability to reasonably perform routine maintenance.



For more information about the Pavement Preservation Program, please contact the Roads Department at tpw@sonoma-county.org or (707) 565-2231. Visit our website at: <https://sonomacounty.ca.gov/development-services/transportation-and-public-works/divisions/roads/services/pavement-preservation>