



PUBLIC WORKS FACT SHEET

Community begins here.

High Friction Surface Treatment

Strategic Commitment:
*Providing a Vibrant
Infrastructure &
Sustainable
Environment*

City of Modesto Public Works

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Our Mission:

*“Our mission is to
construct and maintain
public infrastructure and
operate utility and
transportation systems to
the highest standard of
excellence and
accountability in order to
support a vibrant business
environment and to
enhance the quality of
community life.”*



Start Date: Fall 2018

**Anticipated End Date:
Fall 2018**

**Location: Scenic Ave at
Bodem St—Orangeburg Ave
West of Martin**

Project Summary:

This project will install High Friction Surface Treatment on a curved street segment on Scenic Drive and Orangeburg Avenue where a loss of traction may occur.

Project Description:

This project was identified as one of the City's top safety priorities through the City's regular review of collision data. This process consisted of examining city wide crash data and traffic volumes to identify potential improvement projects and prioritize them. Scenic Drive and West Orangeburg Avenue are two major Arterial streets in the city that connect East Modesto to Highway 99. They are on the top list of roadways for the number of collisions in the City roadway systems. Through the implementation of the citywide safety improvement and field verification, these two street segments were identified as candidates for the installation of High Friction Surface Treatment (HFST) applied at two curves where a loss of traction may occur. Due to the existing geometry of the roadway and constraints by adjacent properties, HFST will help reduce collisions by helping vehicles stay in their lanes as they are driving thru these curves. Below is HFST applied to Pennsylvania DOT Route 611.

Funding:

Highway Safety Improvement Program (HSIP) Grant



High Friction Surface Treatment applied to Pennsylvania Department of Transportation Route 611