

CITY OF PALMDALE

NEWS RELEASE

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Road Sealing Project Underway in City of Palmdale

PALMDALE - The City of Palmdale has begun work on a road sealing project that will cover approximately 3,348,300 square feet of pavement---or roughly 5 percent of the residential network---throughout the City.

The sealing project will deploy a pavement preservation method known as a Asphalt Rubber Aggregate Membrane (ARAM) Cape Sealing within the City's residential network now through Nov. 20.

"People may notice an odor that smells like 'burnt rubber' which you might smell at a race track," said Palmdale Associate Civil Engineer/Project Manager Mike Livingston. "It usually happens in the morning when the contractor begins to blend the recycled crumb rubber tires and tennis balls to 350 degrees, and then adds asphalt paving oil together to make the emulsion that seals and binds the aggregate rock to the street's surface."

"This pavement preservation procedure ensures that the streets will maintain performance utilizing the existing pavement asset an additional 12 to 15 years before the area will need to be revisited," said Livingston. "Conventional overlay practices average \$3.50 a square foot. This method of preservation costs \$1.40 per square foot which allows the City to cover almost twice as many roads for the same money."

According to AB 939, there is a requirement to divert 50 percent of daily waste from going into landfills. "The ARHM mix design utilizes 15 percent crumb rubber from scrap tires," said Livingston. "This project will divert approximately 6,800 scrap tires from the landfill through the use of this material."

The City of Palmdale is responsible for maintaining 91,868,510 square feet of pavement within its jurisdiction. There are 504 miles of maintained streets within the network. The arterial and collector network consists of 155.1 miles and 31,819,944 square feet of pavement. The residential network consists of 349.4 miles and 60,048,507 square feet of pavement.

For more information about this project contact Public Works at 661/267-5300.

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