

# Public Works Engineering 311 Vernon Street

Roseville, California 95678-2649

August 15, 2013

# RE: ADVANCE NOTICE OF THE 2013 ARTERIAL MICROSURFACING PROJECT

#### Dear Resident:

As part of the City's Pavement Management Program, we will be completing the 2013 Arterial Microsurfacing Project. The location of this project will include portions of E. Roseville Pkwy, Roseville Pkwy, Diamond Creek Dr, Fiddyment Rd, Sunrise Ave, Taylor Rd, and Alexandra Dr. Please see the attached map for detailed locations. The intent of this letter is to help you understand the project and hopefully minimize any inconvenience you may encounter.

#### When will the work occur?

The project is scheduled to begin August 26, 2013. We anticipate completion by the end of October 2013. The working hours for this project are 7:00am to 7:00pm for the pavement work and 7:00pm to 7:00am for the resurfacing work. The contractor has posted Changeable Message Signs (CMS) on each side of the road which show the date, time, and type of work being completed. The tentative schedule will also be posted on the City of Roseville's website at:

#### http://www.roseville.ca.us/road

#### What work will be done?

Work will be completed in two phases. The first phase will target streets with a hot mix asphalt (HMA) pavement treatment completed by a city-hired contractor. This process will repair bad spots in some of the existing roadways. During this paving work, the contractor will close 1 to 2 lanes of traffic. The treatment itself is a two-step process. The first step involves grinding out the sections of roadway that need to be replaced. The second step is placement of the hot mix asphalt pavement that will then be compacted. Once the new HMA has cooled, the roadway will be reopened to vehicles. The City performed much of this work on Roseville Pkwy and E. Roseville Pkwy during 2012, but there are still locations that need to be addressed. The streets targeted for HMA include portions of Roseville Pkwy, Alexandra Dr, Sunrise Ave, and Taylor Rd.

The second phase is a resurfacing treatment. The resurfacing treatment being used is called microsurfacing. The microsurfacing application is a mixture of small aggregate, asphalt, cement, and water. Microsurfacing is a liquid material and sets to a harder surface after all the water evaporates. This process is called curing and the initial cure can take anywhere from one (1) to two (2) hours while the water evaporates before vehicles can drive on the new surface. However, the microsurfacing will continue to cure over the next

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six (6) to eight (8) weeks. The streets that will be microsurfaced are portions of E. Roseville Pkwy, Roseville Pkwy, Diamond Creek Dr, Fiddyment Rd, Sunrise Ave, Taylor Rd, and Alexandra Dr. Please see the attached map for detailed locations.

## Why will the resurfacing working hours be at night?

The streets on this project are main arterials in Roseville and are heavily used by the motoring public. Since the congestion impact for motorist would be too great, we cannot complete the resurfacing portion of the work during the day. We evaluated doing a portion of the resurfacing at night and a portion during the day. This is called a split shift and would have greatly increased the project cost. We are aware that some of your homes back up to these Streets and carefully considered your needs and comfort as we developed the working hours and schedule for this project. Note that the noisiest portion of the project, the pavement grinding and HMA paving, will be completed during the day to reduce the sound impact of the work.

We realize this project is an inconvenience to you. However, by doing the resurfacing portion of project at night we limit congestion to the motoring public. Also, we get a better construction cost which leaves more funding for future paving projects.

## Why are the streets being paved and resurfaced?

The City of Roseville has an aggressive streets maintenance program and every year the City hires contractors to complete resurfacing and pavement projects. By doing these projects annually we preserve and maintain our streets.

The City determines the pavement or resurfacing type needed based on the pavement quality index rating, age of the street, and the amount of traffic on the street. Every street has a rating called the Pavement Quality Index (PQI). The PQI ratings range from 0 to 100 with 0 being the worst and 100 being the best. For example, the pavement quality index for Roseville Parkway is in the 55 to 65 range. We therefore need to complete an HMA pavement with dig outs to maintain the structural integrity of the roadway.

We regret any inconvenience caused by these roadway maintenance projects. However, doing nothing would result in an increase in the deterioration of the pavement and would require very expensive pavement overlays and major reconstruction. That option is not cost effective. Our goal is to complete the work with minimal disturbance to the residents near the project areas.

#### What if I have more questions?

If you have additional questions, please call Public Works - Engineering at (916) 782-ROAD (7623) or Public Works - Street Maintenance at (916) 774-5790.

Thank you for your understanding. With your help we can keep Roseville's roads in great condition.