

2018 FULL DEPTH RECLAMATION PROJECT – FREQUENTLY ASKED QUESTIONS

Q: What is the construction time frame for this project?

A: Construction began on Orinda streets in June 2018 and Moraga streets in August 2018 and is expected to be completed by December 2018.

Q: How and when will I know when my street will be fixed?

A: A three-week look ahead of construction items, location, and schedule that will be updated on a weekly basis will be available on the Measure K website, (www.moraga.ca.us/paving), or visit the Facebook page (www.Facebook.com/MoragaMeasureK) for daily updates. Additionally, construction notification signs will be placed on the street approximately five days prior to the start of work. Construction signs will also be placed three days prior to notify residents of parking restrictions. If the contractor needs to reschedule work on your street, signs will indicate the new work date two days in advance of the rescheduled date.

Q: Will I be able to drive on my street during work hours?

A: Full depth reclamation (FDR) is a treatment that mixes and recycles the existing roadway material in place. Therefore, cars will be able to safely and slowly drive on the surface throughout the multiple phases of construction. Note that the surface will be rough and dusty. Traffic should follow the recommended speed limit of 15 MPH during construction. The final asphalt overlay will be placed up to several days after the base surface is being mixed and prepared.

Q: Where will I park my car while the work is being done?

A: You may park your car along adjacent streets that do not have barricades while work is being performed. The contractor will place "No Parking" signs on barricades at least three working days prior. The signs will clearly show the dates and times of the proposed parking restrictions.

Q: Will I be able to get in and out of my driveway while the work is occurring?

A: Yes. You will be able to get in and out of your driveway most of the time. The only time you might not be able to get in and out is when we are paving right in front of your driveway. At that time, you may need to wait a few hours for the pavement to cool prior to driving over it. Work with the paving crew and they will help you get in or out if it is necessary.

Q: I'm having work done on my house. Can my contractor access my house?

A: You and your contractor will need to coordinate access to your home or driveway based on the posted no parking and closure signs and the 3-week look ahead on the website. You may also contact the construction manager for further questions on timing and access.

Q: What about emergencies?

A: Emergency vehicles will always have access during construction. The contractor will coordinate with mail and garbage to maintain their delivery schedules.

Q: Who should I contact if I have a problem during the construction?

A: Please contact Greg Horne, Construction Manager, (415) 710-3998 or ghorne@swinerton.com.

Q: What are the working hours and days for this project?

A: The work hours will be typically from 7:00 AM to 5:00 PM. No work is planned on weekends or on holidays (i.e. Labor Day). Unplanned emergency work may require work outside these hours. Lane closures and full road closures should be expected during these working hours (for more detailed information see the question addressing what to expect during construction).

Q: What should I expect during construction?

A: The roadway reconstruction will consist of both recycling the existing roadway materials in place, a technology called Full Depth Reclamation (FDR), and placing a new layer of asphalt on top. The pavement construction consists of four phases: 1) pulverize and mix pavement in-place; 2) remove excessive pulverized material; 3) re-mix material with cement; and 4) paving new asphalt.

Pulverizing and Mixing In-Place: During the pulverizing process, full road closures are expected. The existing roadway will be pulverized and mixed in-place to a depth of approximately 12 inches, using large specialty FDR machines, or reclaimers. The older and failed pavement surface will be mixed with underlying fill and native soil to develop a new base material for the reconstructed pavement. This "green" technology reduces the need to off

haul dozens of truckloads of roadway material by reusing the existing pavement materials and underlying soils. Subsequently, the technology substantially reduces the need number of truckloads of new material. This recycled material is safe for cars to drive on shortly after the FDR machine has passed through the roadway section. Please drive slowly as there may be loose gravel-like material on the recycled surface.

Material Removal: The next phase is meant to remove some of the mixed recycled material to make room for the new asphalt. The surface will be rough and result in an elevation difference which will be bridged with short, temporary pavement wedges to allow cars and other vehicles to safely drive on the road and into driveways. Please continue to drive slowly as there may be loose gravel-like material on the surface.

Re-Mixing with Cement: The remaining recycled material will then be re-mixed with the addition of cement and water in order to stabilize the material, making it a sturdy base for the new pavement section. The surface will be exposed generally up to one week before the first layer of new asphalt is placed. Also, the contractor will sweep any excess material. Although the surface will be fairly smooth at this point in the construction, please continue to drive slowly as there may be loose gravel-like material on the recycled surface.

Paving: The asphalt paving phase will require full road closures (8:00 AM to 5:00 PM). The asphalt overlay is a liquid asphalt binder premixed with aggregate, which is placed and compacted on the street surface. To avoid tracking asphalt material onto your driveways and property, please pay attention to construction signs and wait until the street has been cleared for access. The new pavement on top of the recycled base will be placed in two layers on separate days.

Note: When driving in construction areas, please pay close attention to all construction signs and directives from construction workers, including speed limits. Please do not park or drive on streets if construction signage indicates that the street will be closed. Driving on streets before they are opened will result in possible defects in the new pavement and pavement materials tracked onto your driveway and home.

Q: How long will the new treatment last?

A: Generally, reconstruction of the pavement surface lasts 15 to 20 years and sometimes longer with proper preventative maintenance.

Q: Where is the money coming from?

A: Moraga Voters approved Measure K in November 2012 which increased the local sales tax by one cent (or 1%), effective July 1, 2013 for 20 years. Currently, all funds collected from the sales tax increase go towards street improvements in Moraga. Additionally the Town has secured a CalRecycling grant to use recycled rubber tires mixed into the final asphalt overlay.

Q: Why did my street get picked and not my neighbor's?

A: The Town has approximately \$1.2 million of annual Measure K funds for the pavement management program but needs \$2.2 million to maintain the current average pavement condition for the entire Town. Unfortunately, not all streets will be resurfaced. In order to maximize the Town's dollars to preserve the Town's entire network of pavement in the best condition, the Town relies heavily on pavement asset management software to preliminarily select candidate streets for further evaluation. The goal for selecting streets for this year's project is to reconstruct streets that are in very poor to failed condition and are in need of a deeper pavement treatment to repair the extensive pavement failures. Your street was selected by our software for this year's project because it is in very poor to failed condition, which makes it eligible for pavement reconstruction.

Q: How can I help support the Town's paving program?

A: First, you can shop Moraga first to help increase the one cent sales tax revenue so that more streets can be paved. Second, display a lawn sign to promote Measure K funding, indicate that your street is being fixed, and encourage your friends and neighbors to shop in Moraga. Please contact Public Works staff, Jeanet Lara at jlara@moraga.ca.us or at (925) 888-7026 so that a lawn sign can be dropped off at your home.