



# I-210 Pavement Rehabilitation Project



Upgrade signs and sign structures



Replace traffic stripes and pavement markers using thermoplastic paint



Resurface the pavement to create a smoother driving surface



Upgrade the median concrete barriers and guardrails



Install new traffic loops



I-210/SR-134 Tunnels  
Upgrade electrical and lighting systems  
Repave tunnels with "High Friction Surface Treatment"



Replace distressed pavement with precast slabs



"Reconstruct and install curb ramps to meet the Americans with Disabilities Act (ADA) at various locations"



# Caltrans Construction Notice



## Foothill Freeway (I-210) Long-Term Closures



### WHAT

The California Department of Transportation (Caltrans) will close **one lane** of the eastbound Foothill Freeway (I-210) from Ocean View Boulevard to Lincoln Avenue as part of a pavement rehabilitation project. The lane closure is necessary as crews begin to replace damaged pavement along the freeway.

Along with the lane closure, long-term ramp closures will be taking place:

- **Eastbound I-210 Berkshire Place on-ramp and Arroyo Boulevard off-ramp will be closed**
- **Westbound I-210 Ocean View Boulevard on-ramp and La Crescenta Avenue off-ramp will be closed**

### WHEN

- The eastbound I-210 lane closure will begin April 17, and will remain in effect through winter 2017
- Ramp closures on westbound I-210 will begin April 11 through June 2017
- Ramp closures on eastbound I-210 will begin May 1 through June 2017

### WHY

The closures are part of \$148.5 million pavement rehabilitation project in both directions of I-210 in the cities of Glendale, La Canada Flintridge, and Pasadena. Once the project is completed in 2018, the new surface will provide a smoother drive for motorists, reduce time required for maintenance, and minimize the need for further lane closures.

### WHAT TO EXPECT

Detour signs will be posted. Motorists should expect delays, are advised to consider alternate routes, and check traffic conditions before traveling.

Caltrans reminds you to "Be Work Zone Alert"

**BE WORK  
ZONE ALERT**  
CALTRANS®

For real time freeway traffic information, please visit the Caltrans Quickmap, <http://quickmap.dot.ca.gov>  
For additional information please contact Karina Vargas at (213) 897-7602 or [karina.vargas@dot.ca.gov](mailto:karina.vargas@dot.ca.gov)  
Twitter: @CaltransDist7



**CALIFORNIA DEPARTMENT OF TRANSPORTATION - DISTRICT 7**

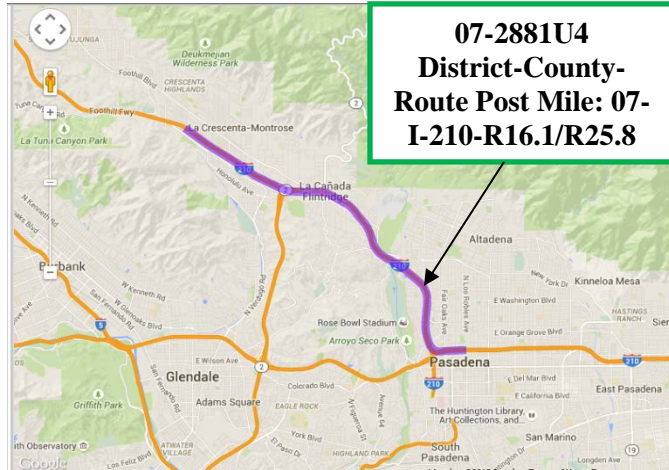
Contract No. 07-2881U4

Construct concrete pavement, precast concrete panels, and slabs on I-210

April 12, 2017

**PROJECT DESCRIPTION**

This project is located in Los Angeles County in the Cities of La Crescenta Montrose, La Cañada-Flintridge, Glendale and Pasadena from Dunsmore Ave. undercrossing to North Los Robles Avenue overcrossing. The project rehabilitates pavement, replaces the median barrier, upgrades overhead sign structures and lighting at three tunnels at the interchange of I-210 and SR-134, and installs a high friction surface to improve stopping and traction within the tunnels.



**STATUS OF CONTRACT COSTS**

<b>Project Capital Costs</b>	
Contract Amount	\$105,495,711
Contractor Paid to Date	\$ 67,201,090
% Work Completion	59%
% Time Completion	62%
Construction start date	Spring 2015
Estimated Completion Date	Summer 2018

**CURRENT WORK IN PROGRESS**

The work involves replacing concrete pavement on outside lanes from SR- 2 to Dunsmore Avenue.

- The eastbound traffic shift (lane reduction from Lowell Ave. to Rte 2) began on October 18, 2016. Work on the lane replacement was substantially completed ahead of schedule and was reopened to traffic in March.
- The westbound traffic shift (La Crescenta Avenue to Lowell Avenue) began January 6, 2017, the completed outer lane (#5) is now open for motorists.
- On westbound I-210 Pennsylvania Avenue on- and off-ramps are now open. However, these ramps will continue to close intermittently during night hours throughout the projects duration.
- On westbound I-210 Ocean View Boulevard on-ramp and La Crescenta Avenue off-ramp are now closed. These closures began April 11 and will remain in effect through June 2017

**Note: Date closures are weather permitting and subject to change.**

## **CALIFORNIA DEPARTMENT OF TRANSPORTATION - DISTRICT 7**

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Contract No. 07-2881U4

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April 12, 2017

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### **UPCOMING CLOSURES**

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- Beginning April 17, one lane on eastbound I-210 from Ocean View Boulevard to Lincoln Avenue will be closed as crews begin to replace damaged pavement along the freeway.
- Beginning May 1 through June 2017, eastbound I-210 Berkshire Place on-ramp and Arroyo Boulevard off-ramp will be closed long-term to construct new pavement across the ramps and replace guardrail.
- Various lanes, ramps, and connectors along I-210 will be closed intermittently between the hours of 7 p.m. and 6 a.m. through summer 2018.

**Note: Date closures are weather permitting and subject to change.**

### **LOCAL TRAFFIC SIGNAL TIMING MODIFICATIONS**

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- On December 5, 2016, Caltrans reached out to Los Angeles County Department of Public Works to investigate traffic conditions along Foothill Boulevard during the commute period and to take suitable actions.
- Their staff investigated and adjusted the light timing as necessary for the intersections maintained by the County. They were able to reduce commute time by 7 to 8 minutes.
- On March 30, 2017, Caltrans and La County partnered again and their department stated they will continue to monitor the area and make changes as necessary.
- Portable Changeable Message Signs (PCMS) are placed along the freeway stating "Foothill Blvd Jammed. Expect long delay". This sign will be activated only when Foothill Boulevard is jammed through a traffic sensor that will be installed on Foothill.
- A few PCMS are placed before the I-210/SR-134 split in Pasadena and are turned on during PM peak hours saying "210 Jammed. Use Alternate Route".

### **TRAFFIC ENHANCEMENTS**

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- The project includes construction warning signs indicating the 55 mile per hour construction zone speed limit for day and night.
- California Highway Patrol has been enhancing and enforcing safety in the construction zone from 7:30 p.m. to 6 a.m.
- On January 31, 2017, CHP confirmed that they will add more patrols between 9 a.m. and 3 p.m.



## **Project Description**

- It is a major roadway rehab project,
- It is located in Los Angeles County,
- Through Cities of La Crescenta Montrose, La Cañada-Flintridge, Glendale, and Pasadena as well as portions of County of Los Angeles,
- Project limits begin at Dunsmore Ave. undercrossing at the west end and ends at North Los Robles Avenue overcrossing at the east end,
- Caltrans is the Project Owner,
- Flatiron Construction is the Contractor.

## **Project Scope of Work**

- The project rehabilitates 90 lane-mile of pavement,
- Replaces lanes 3 & 4 completely
- Repairs lanes 1 & 2 as needed
- Replaces the median barrier,
- Upgrades overhead sign structures to the new standards that withstand higher wind loads,
- Upgrades the existing High Pressure Sodium lighting to the new energy efficient LED lighting system at the three tunnels at the interchange of I-210 and SR-134,
- Installs a high friction surface to improve stopping and traction within the tunnels to help reduce truck and vehicle accidents,
- Upgrades overhead sign panels with new more reflective signs that require no additional lighting,
- Upgrades the Drainage System to provide more capacity to improve drainage,
- Pavement life expectancy is 40 years.

# CALIFORNIA DEPARTMENT OF TRANSPORTATION

District 7 - Los Angeles and Ventura Counties  
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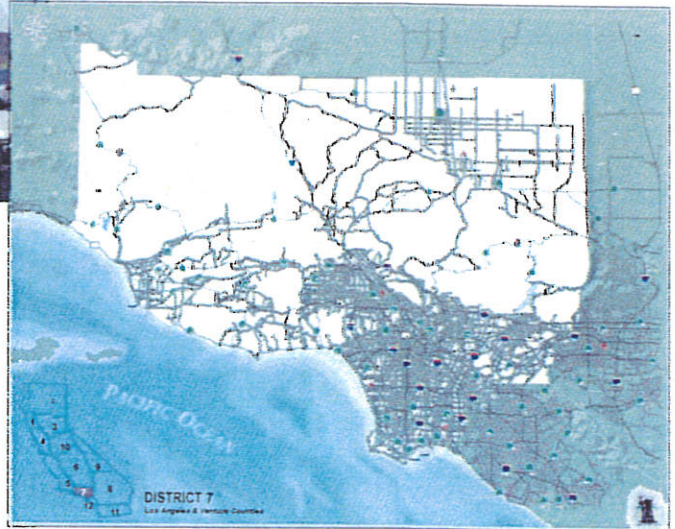
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The California Department of Transportation (Caltrans) is responsible for planning, design, construction, maintenance and operation of the state highway system. District 7, which includes Los Angeles and Ventura counties, has the second largest workforce of 12 Caltrans districts statewide. District 7 employs nearly 2,500 people with the largest workforce in construction and maintenance, and others in the administration, environmental, design, program/project management, planning, planning, external affairs and right of way divisions.



The Department's mission of improving mobility across California is evidenced in all District 7 activities. Several regional projects are currently in the planning process or underway which will assist in decreasing congestion and increasing mobility. On average, the District manages 110 to 114 ongoing construction projects valued at \$1 billion to \$1.5 billion. Through voter approved Propositions 1A and 1B, the state's transportation bond measures, funding has been allocated to many significant construction projects such as the Golden State and Santa Ana freeways (Interstate 5) Corridor Improvement Projects to add HOV, or carpool, lanes from State Route 134 to State Route 118 in north LA County and from the Orange County line to I-605 in south LA County. Combined, the 18 improvement projects on the I-5 Corridor total \$3.2 billion. Other HOV lane projects are in construction on the San Bernardino Freeway (I-10), the San Diego Freeway (I-405) and the first HOV lanes in Ventura County on US-101 from Mobil Pier Road to Casitas Pass Road.

Constructing an interconnecting HOV system continues to be a priority. A seamless HOV system will help to reduce congestion by using freeway capacity more efficiently. As of spring, 2014, District 7 operates 532 HOV lane miles in Los Angeles County, the most in the state. Currently, 58 HOV lane miles are under construction and 132 HOV lane miles are in the design and planning stages. By 2025, District 7 anticipates to have 706 HOV lane miles completed as part of its goal to construct 900 HOV lane miles.

Caltrans operates the Los Angeles Regional Transportation Management Center in partnership with the California Highway Patrol to rapidly detect and respond to incidents while managing the resulting congestion. With electronic technologies such as Changeable Message Signs, closed circuit television, fiber optic lines and wire loop detectors embedded in pavement, motorists using the largest freeway system in the world benefit from a more efficient transportation management network.

## **District 7 – Mileage Facts**

- District 7 is responsible for 42 freeways and highways
- There are 915 freeway and highway miles in Los Angeles County and 273 miles in Ventura County
- 100 million vehicle miles are traveled, on average, daily on District 7 freeways, equivalent to over 4,000 global trips

## **Strategic Goals**

SAFETY • MOBILITY • DELIVERY • STEWARDSHIP • SERVICE