

CENTRAL COUNTY

I-5 IMPROVEMENT PROJECT SR-55 TO SR-57

Fact sheet as of March 2012

MILES

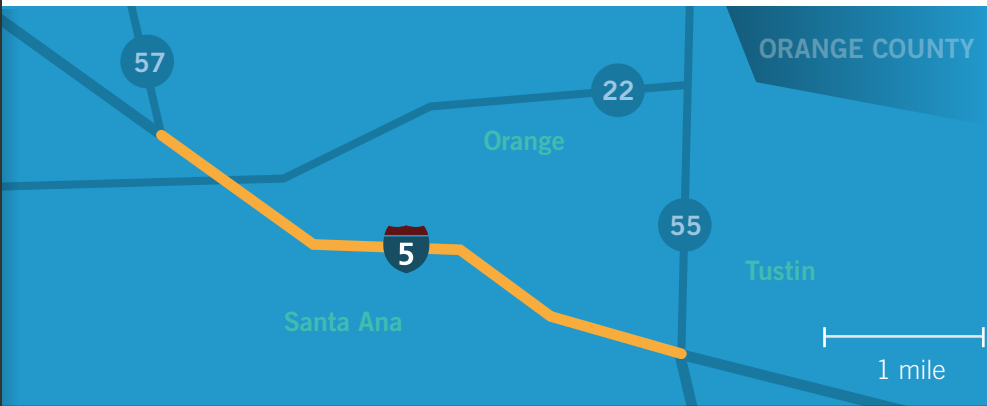
Approximately 4 miles

IMPACTED CITIES

Santa Ana, Tustin and Orange

AT A GLANCE

PROJECT COST:	\$45 million
FUNDING:	Local Measure M2
CEQA/NEPA LEAD:	Caltrans
COMMUNITY OUTREACH:	Julie Toledo 714/560-5573 jtoledo@octa.net
WEBSITE:	www.octa.net/I5Central
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PROJECT HIGHLIGHTS

Currently, 390,000 motorists travel the I-5 between the SR-55 and SR-57 daily. Projected traffic volumes are anticipated to continue increasing over the next 20 years.

The \$45 million project will reduce freeway congestion on I-5 between SR-55 and SR-57 and will improve the southbound First Street on-ramp.

The project will add capacity at I-5 between SR-55 and SR-57 to relieve congestion at the "Orange Crush"

PROJECT NEED

Current one-lane carpool facilities have insufficient capacity to handle existing and projected travel demand

High traffic demand and existing bottlenecks result in decreased level of service and high travel time delays

Interchange/ramps with inadequate weaving/merging lane lengths resulting in congested operations

Current configurations with existing and projected average daily traffic volumes exceed maximum capacity of the carpool lanes and interchanges/ramps

PROJECT PURPOSE

Decrease congestion and travel delay for current and future users of carpool facilities

Meet current and future traffic demands and eliminate existing bottlenecks

Lengthen weaving/merging lanes to address existing deficiencies

Improve operational configurations and efficiencies within the carpool lanes and at the interchanges/ramps

PROJECT ALTERNATIVES

- Alternatives under consideration:
 - No Build
 - Adds a second carpool lane next to the existing carpool barrier in each direction on I-5 between SR-55 and SR-57 and increase the merge length at the southbound I-5 First Street on-ramp
 - Adds a second carpool lane in each direction on I-5 between SR-55 and SR-57 within the existing separated carpool area and remove the carpool off-ramp at Main Street; or remove the carpool off- and on-ramps at Main Street and increase the merge length at the southbound I-5 First Street on-ramp
 - Relocate existing carpool barrier closer to the centerline and add a second carpool lane next to the carpool barrier in each direction on I-5 between SR-55 and SR-57 and increase the merge length at the southbound I-5 First Street on-ramp
- There are three options to increase the weave length between the southbound I-5 First Street on-ramp and the southbound SR-55 connector:
 - Remove the southbound I-5 First Street on-ramp and construct a new southbound I-5 on-ramp at Fourth Street. This requires the northbound horseshoe off-ramp to First Street to be demolished
 - Remove the southbound I-5 First Street on-ramp and construct a southbound I-5 loop on-ramp at First Street. This leaves in place the northbound horseshoe off-ramp to First Street
 - Remove the southbound I-5 First Street on-ramp and construct a southbound I-5 on-ramp between First and Fourth Streets



www.octa.net

Orange County Transportation Authority

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I-5 CENTRAL COUNTY IMPROVEMENT SR-55 TO SR-57

	2011	2012	2013	2014	2015	2016	2017
Public Outreach			*				
Environmental							
Begin Design							
Complete Design							
Advertise and Award							
Begin Construction							
Complete Construction							

* indicates Public Hearing in early 2013