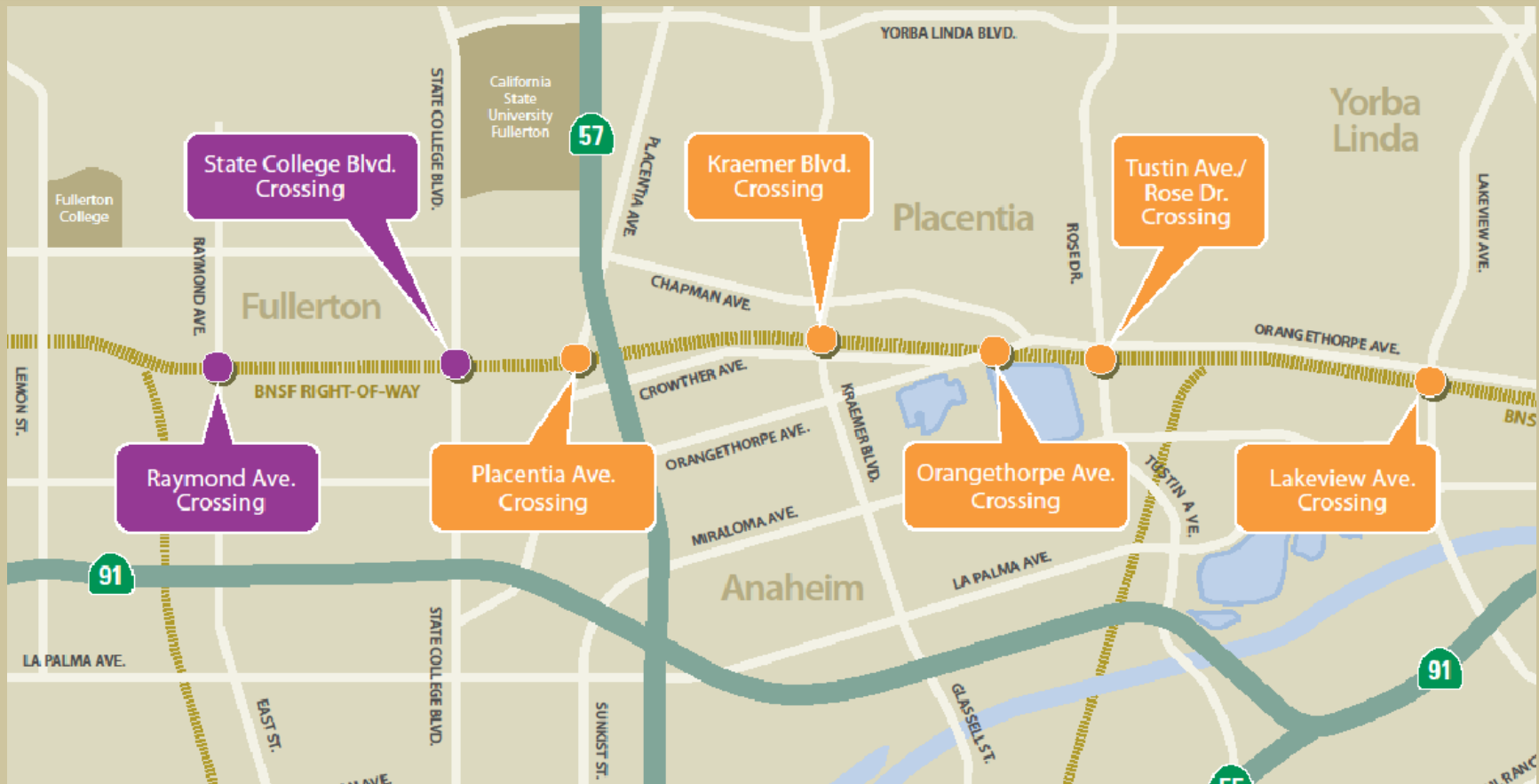




OC Bridges Railroad Grade Separation Program Update



Program Overview



Project Benefits : Improve Mobility and Safety resulting in a better quality of life

How are projects funded?

Construction Cost: \$25M to \$50M Each



Measure M2

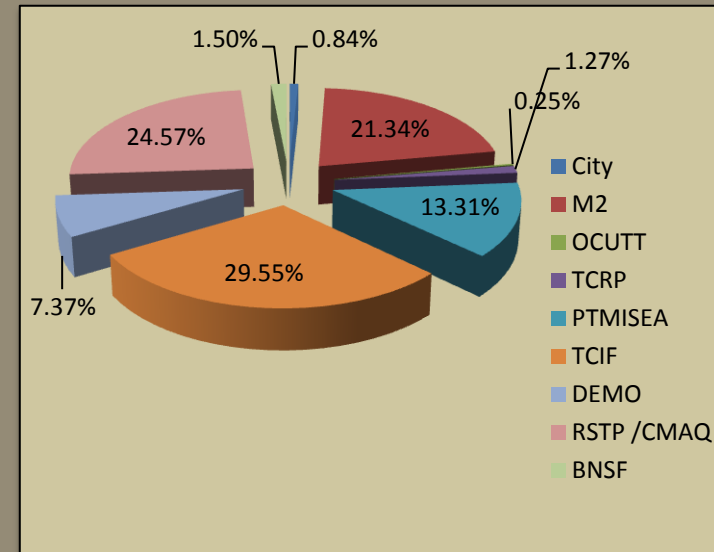
- ½ cent sales tax for transportation
- Passed by 70% of Orange County voters in 2006

State of California

- 
- Proposition 1B/TCIF
 - Passed by 61% of California voters in 2006
 - PTMISEA

Federal Transportation Funding

- 
- Congressional Appropriations
 - Federal Transportation Act
 - CMAQ



M2 – Measure M2

OCUTT – Orange County Unified Transportation Trust

TCRP – Traffic Congestion Relief Program

PTMISEA – Public Transportation

Modernization, Improvement, and Service Enhancement Account

TCIF – Trade Corridor Improvement Fund

DEMO – Federal Demonstration Earmarks

RSTP/CMAQ – Regional Surface Transportation Program/Congestion Mitigation and Air Quality

BNSF – Burling Northern Santa Fe Railway

Financial Summary

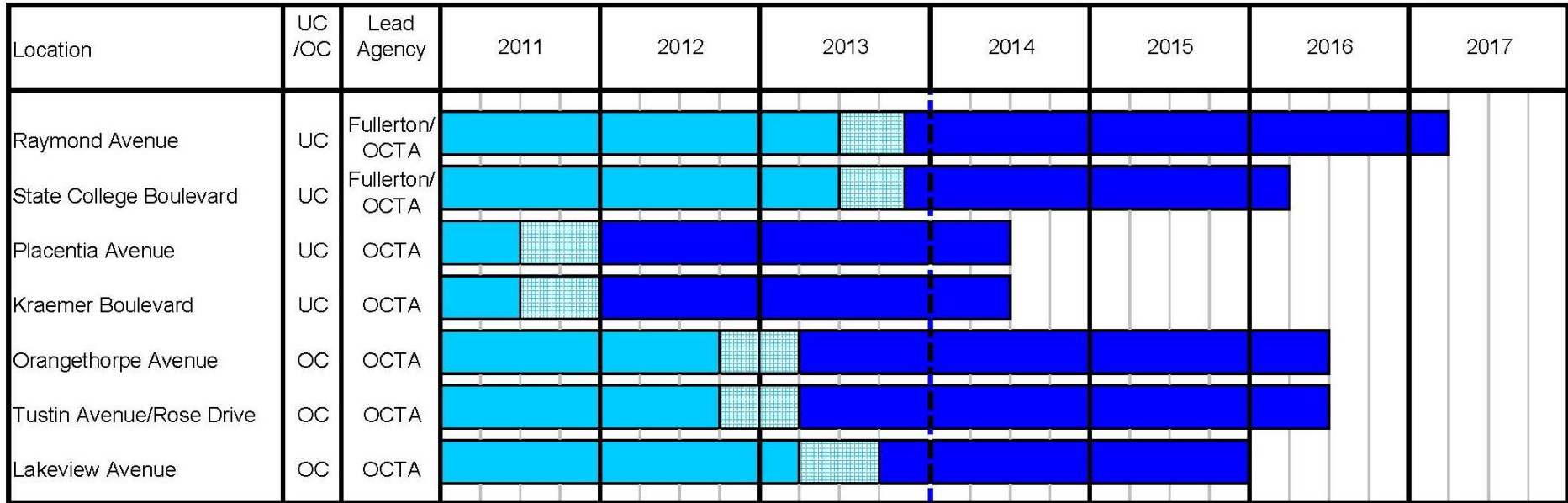


Project	Budget
Raymond Avenue	\$78 million
State College Boulevard	\$75 million
Placentia Avenue	\$67 million
Kraemer Boulevard	\$68 million
Orangethorpe Avenue	\$115 million
Tustin Avenue/Rose Drive	\$91 million
Lakeview Avenue	\$96 million
TOTAL	\$590 million

Current Program Schedule



Railroad Grade Separation Program Schedule



UC - undercrossing
OC - overcrossing

- Legend:
- Final Design, Right of Way Acquisition and Utility Relocation
 - Bid
 - Construction

↑
Trade Corridors
Improvement Fund
(TCIF)
Construction
Must-Start Date



Construction Sequence



Open during construction with a bypass road

- Raymond Avenue
- Placentia Avenue
- Orangethorpe Avenue
- Tustin Avenue/Rose Drive

Project Status

Placentia Avenue Grade Separation



Contractor
Flatiron West

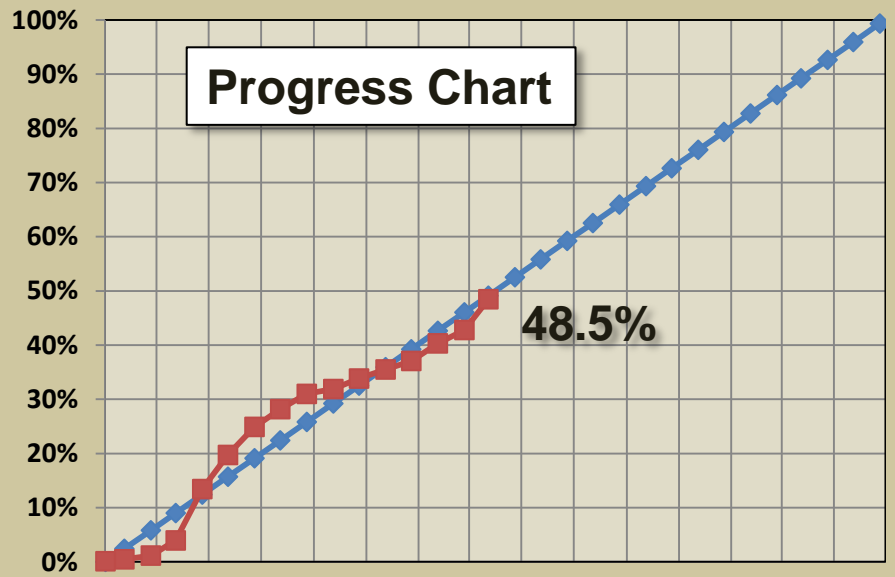
Value
\$25,169,593
910 days

Key Dates:

1/3/12 – Start Construction
November 2014 – Contract Completion

Through March 2013:

- 48.5% (\$12,213,577) paid to date
- 49.1% complete with time



Placentia Avenue – March 2013



OCTA Time-Lapse Camera image

Placentia Avenue Underpass Rendering



Project Status

Kraemer Boulevard Grade Separation



Contractor
Atkinson

Value
\$33,288,447
865 days

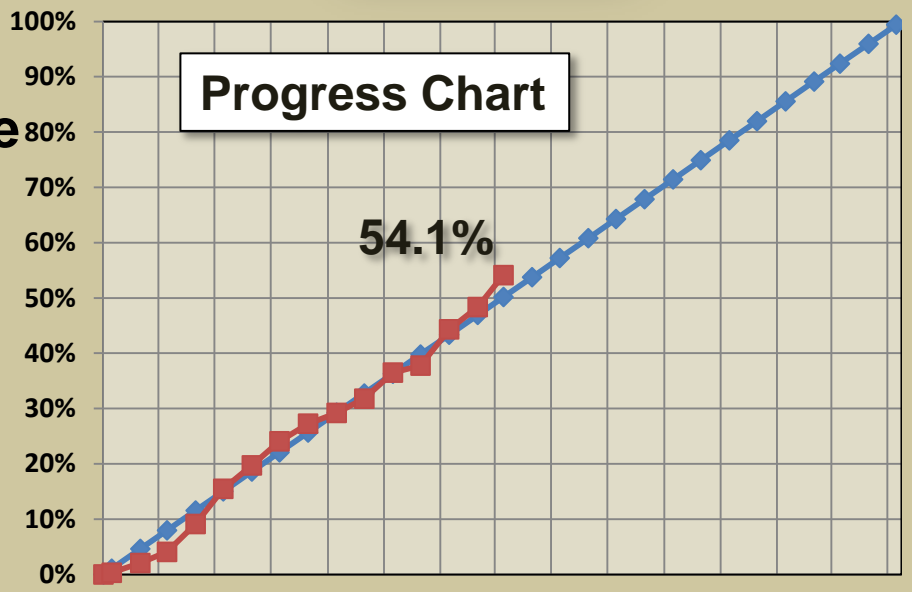
Key Dates:

1/16/12 – Start Construction
October 2014 – Contract Completion



Through March 2013:

- 54.1% (\$18,018,684) paid to date
- 50.2% complete with time



Kraemer Boulevard – March 2013



Kraemer Boulevard Underpass

Rendering



Raymond Avenue Underpass Rendering



State College Boulevard Underpass Rendering



Orangethorpe Avenue Overpass Rendering



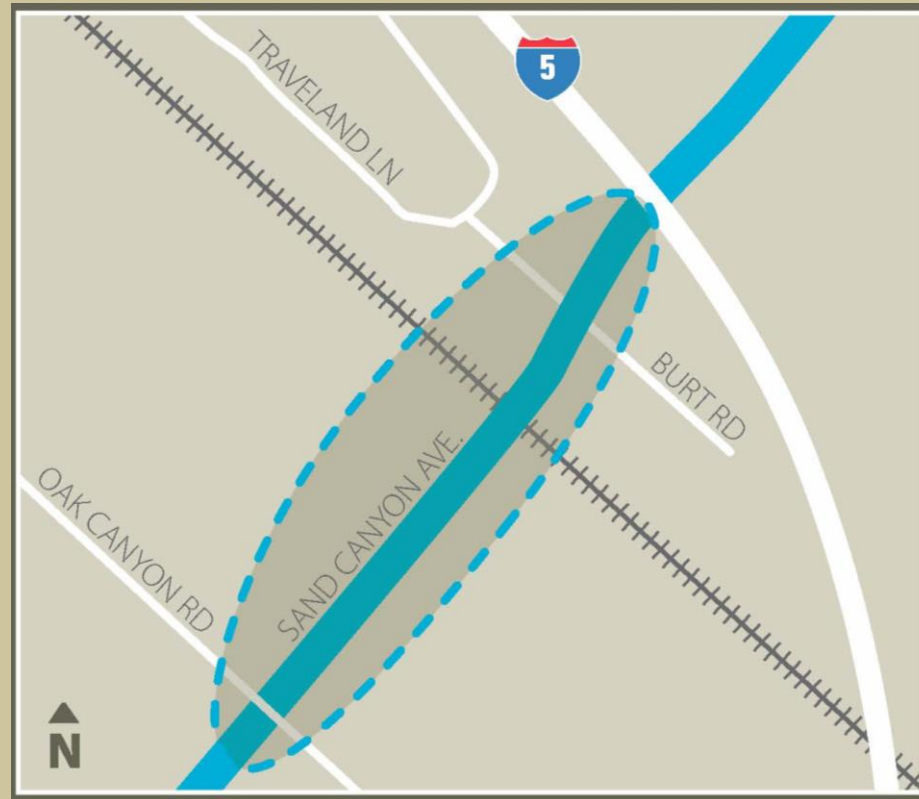
Tustin Avenue/Rose Drive Overpass Rendering



Lakeview Avenue Overpass Rendering



Sand Canyon Ave Undercrossing



OCTA is working in partnership with the City of Irvine to deliver the project

Sand Canyon Ave Undercrossing

<u>Contractor</u>	<u>Value</u>
CC Myers, Inc.	\$23,105,632
	1192 days

Key Dates:

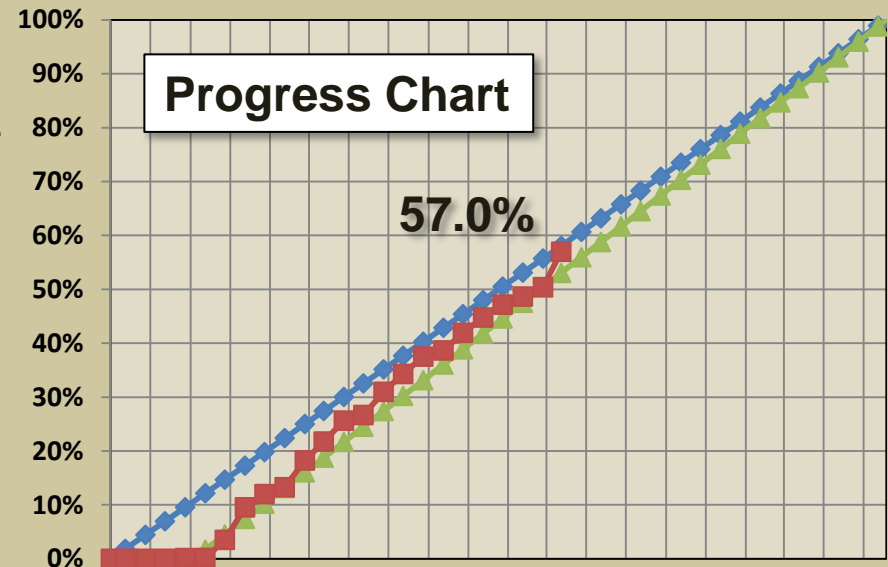
5/03/11 – Limited NTP

9/07/11 – NTP for Construction

Aug 2014 – Contract Completion

Through March 2013:

- 57.0% (\$13,163,060) paid to date
- 58.1% complete with time



Sand Canyon Avenue – April 2013



Sand Canyon Avenue Underpass Rendering



NORTHBOUND



SOUTHBOUND



Outreach Meetings

City Council / School Boards

Open Houses

Property Owners

Homeowner Associations

Community Events

Business Parks

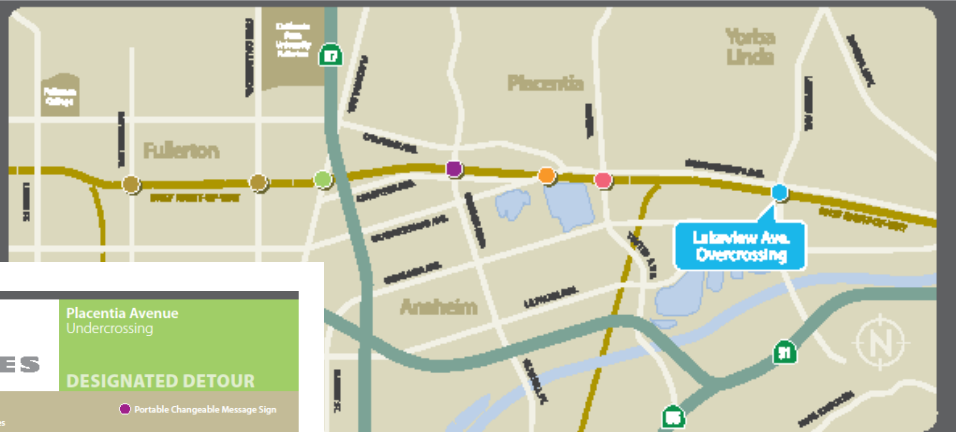
Individual 1: 1



Program Awareness



You are invited to a neighborhood meeting for the Lakeview Avenue Bridge Project
October 2, 2012



Placentia Avenue Undercrossing

DESIGNATED DETOUR

KEY

- Bypass Road
- Road Closures
- Bypass Road
- Portable Changeable Message Sign

For more information, visit ocbridges.net or contact Tresa Oliveri, the OCTA External Affairs Director by email at toliveri@octa.net or by phone at (714) 560-5374.

Schedule is estimated and subject to change. Project area is approximate.

Tuesday, October 2, 6 - 7:30 pm
 Yorba Linda Unified School District, Board Room
 1301 E. Orangethorpe Avenue
 Placentia, CA 92870



Construction Notification

February 8, 2013

The Orange County Transportation Authority has begun construction of the Placentia Avenue and Kraemer Boulevard undercrossings. In accordance with federal railroad safety regulations, residents should expect to hear an increase in the frequency of train horns because of construction activities on and around the railroad tracks, regardless of quiet zone designation.

Regular work hours are Monday through Saturday, 7 a.m. to 8 p.m.

The following construction activities are anticipated to begin during the next two weeks:

- Placentia Avenue**
 - Continue installing shoring for bridge construction
 - Continue installing shoring for pump station and various retaining walls
 - Continue excavating portions of Placentia Avenue and Fender Avenue north of BNSF shoofly
 - Continue installation of traffic signals at intersection of Placentia Avenue and Crowther Avenue
 - Continue construction of Home Depot Driveway
 - Continue installation of waterline improvements along Fender Avenue
- Kraemer Boulevard**
 - Continue installation of 60" RCP storm drain at Kraemer Boulevard / Orangethorpe Avenue intersection
 - Continue installation of piles
 - Continue form, reinforce and pour pump station foundation
 - Continue water line relocation at Kraemer Boulevard / Orangethorpe Avenue intersection
- Orangethorpe Avenue**
 - Utility company relocations continue along Orangethorpe Avenue
- Tustin Avenue/Rose Drive**
 - Utility company relocations continue along Orangethorpe Avenue
- Lakeview Avenue**
 - Right-of-way activities continue to secure necessary property access for construction phase, which is anticipated to begin before the end of 2013

Please remember you can follow construction progress on the individual project pages at the OC Bridges website. Please visit www.ocbridges.com. (Click on the individual project page, scroll to the bottom and watch the daily progress)

If you have any questions about this notification or other project issues, please contact: Tresa Oliveri, Outreach Project Manager, (714) 560-5374 or toliveri@octa.net or see below for additional options to "Get Connected/Stay Connected."

To sign up for bi-weekly construction notifications, please visit the OC Bridges website: www.ocbridges.com

Job Safety is OCTA's Top Priority

- Slow down and watch for workers and equipment
- Allow extra time to get to work, school and appointments
- Be extra careful when driving at night and in rainy weather
- Avoid use of mobile phones or other distractions
- Watch for closures and follow detours
- Be patient. Remember that this is a short-term inconvenience for a long-term solution.

Get Connected/Stay Connected

For more information and to register for notifications:
 Tresa Oliveri, Outreach Manager
 (714) 560-5374 – toliveri@octa.net

Visit www.ocbridges.com | [OCBridges](https://www.facebook.com/OCBridges)
 (877) OCTA-999 | [@OCBRIDGES](https://twitter.com/OCBRIDGES)
ocbridges@octa.net



2012/08/03

Get connected – Stay connected



OCTA – OC Bridges



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1-877-OCTA-999
Tresa Oliveri 714.560.5374



OC Bridges Railroad Grade Separation Program Update

