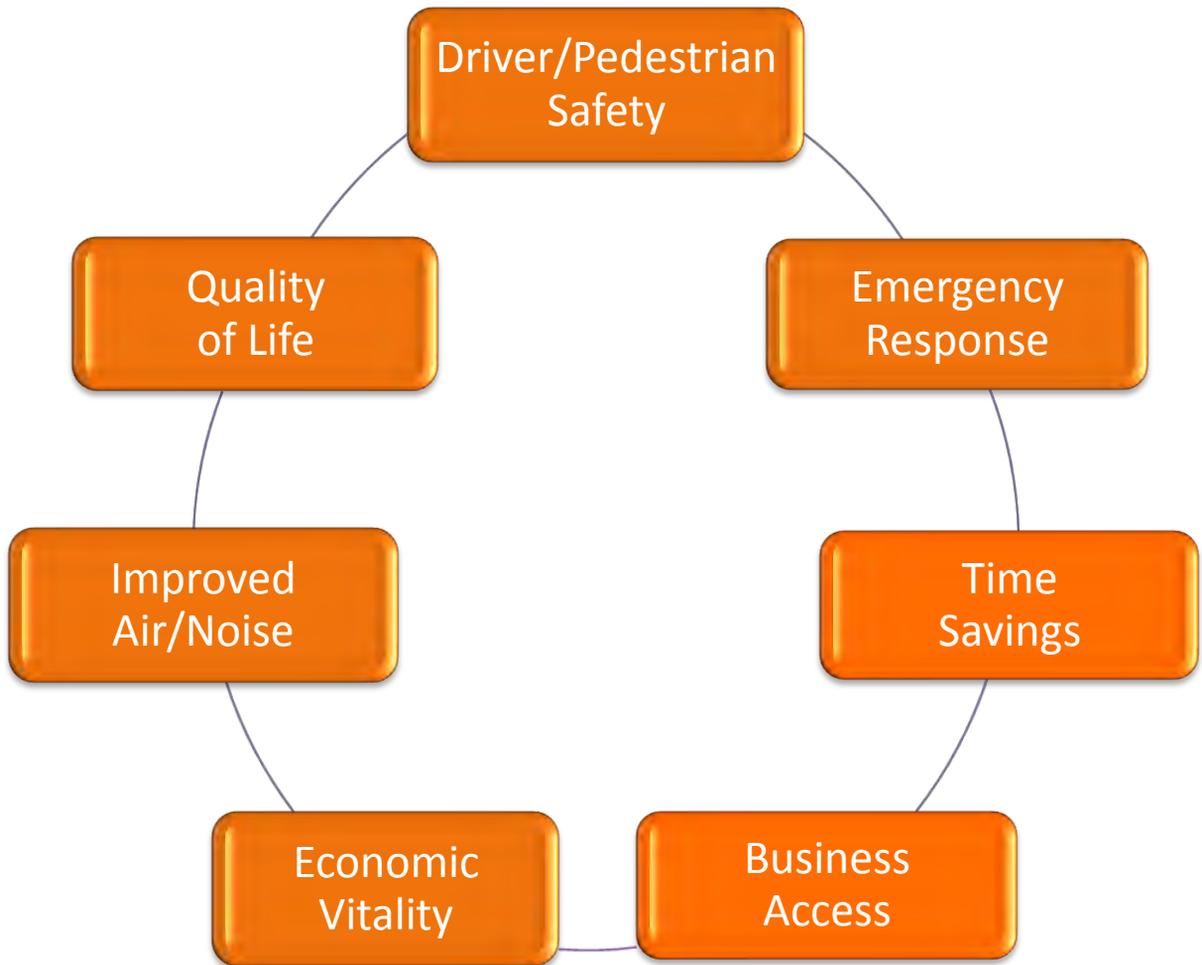


**Please register here.**

**Thank you for attending tonight's meeting.**

**This is an “open house” style meeting with no formal presentation. Project team members are available to provide information and answer your questions.**



## Orangethorpe Project: First Six Months

- Relocate underground and overhead utilities
- Build two-lane temporary bypass road for Orangethorpe Ave through existing Lakeside Plaza parking lot
- Construct new entrance to Bella Vista homes from Chapman Avenue at Haas Place
- Build temporary noise blanket walls
- Close Chapman Avenue and Orangethorpe Avenue intersection (local access to Bella Vista community will be allowed)

*Work is anticipated, but subject to change.*

## Orangethorpe Project: 7-12 Months

- Reduce Orangethorpe to one lane in each direction, using temporary bypass road. Alternative routes recommended.
- Complete temporary noise blanket walls
- Build north half of bridge. Work includes driving piles for bridge foundation.
- Build bridge over Carbon Canyon Channel
- Construct retaining walls along Orangethorpe; works involves pile driving
- Build improvements to Traub Lane

*Work is anticipated, but subject to change.*

OCTA's highest priority is safety for its project workers and the public. During construction, please:

- 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 mobile phones and other distractions
- Watch for closures and follow detours
- Be patient. Remember that this is a short-term inconvenience for a long-term traffic and safety solution.

## Orangethorpe Project



*Schedule is subject to change.*



## Measure M

Half-cent sales tax for Orange County transportation programs



## State

Proposition 1B  
Trade Corridor Improvement Funds



## Federal

Demonstration Funds  
Federal Transportation Act



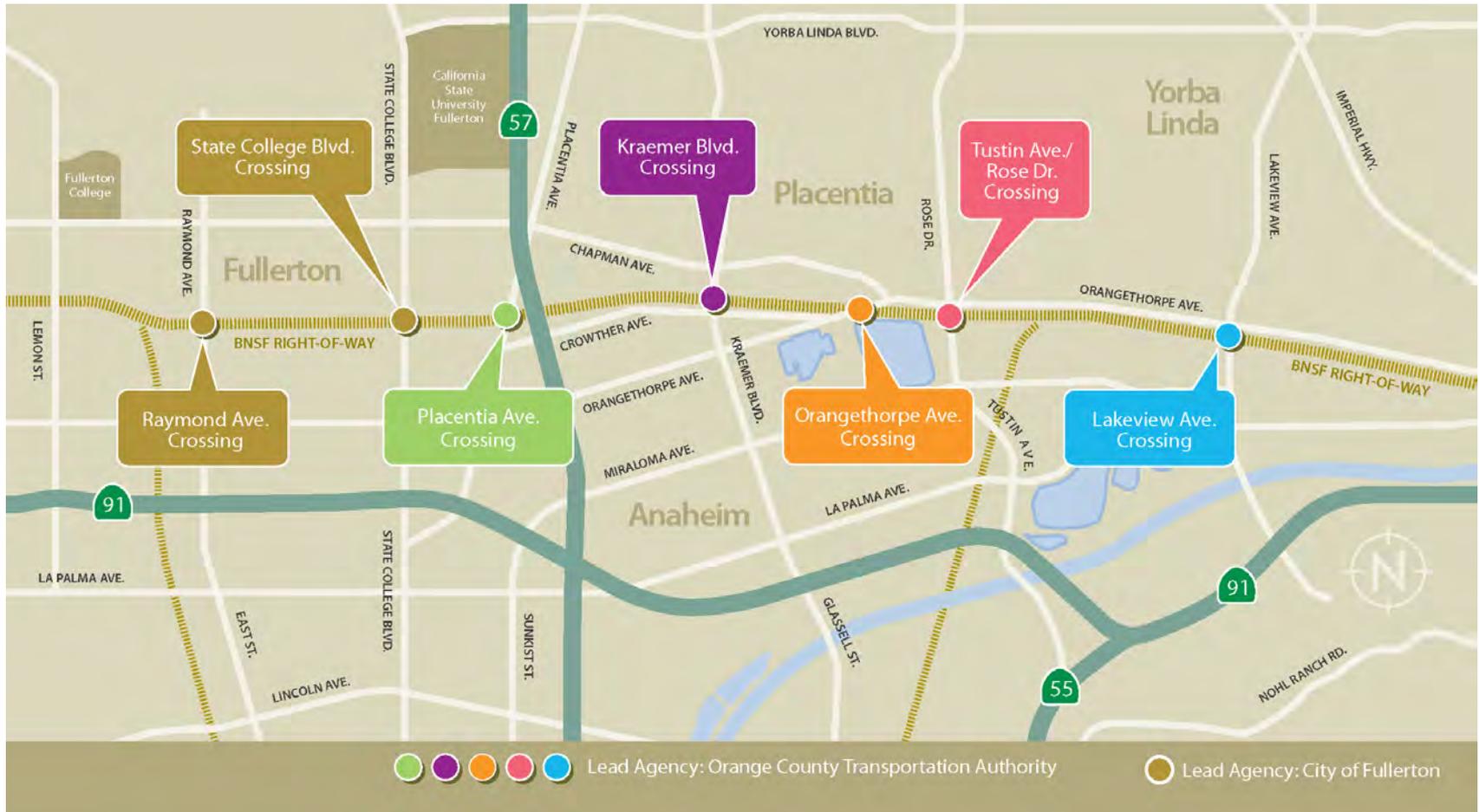
**O·C·BRIDGES**  
Improving safety. Removing delays.

# Outreach Contact



**Tresa Oliveri**  
Public Communications  
(714) 560-5374  
toliveri@octa.net

# Program Map





# Orangethorpe Avenue Grade Separation

PROJECT LAYOUT



MAY 9, 2013

AECOM

### GENERAL PILE DRIVING ACTIVITIES

- ALLOWABLE DRIVING HOURS: 8AM TO 7PM, MONDAY - SATURDAY
- PILE DRIVING EQUIPMENT SHALL UTILIZE HYDRAULIC IMPACT HAMMERS IN LIEU OF DIESEL IMPACT HAMMERS IF NECESSARY TO REDUCE NOISE LEVELS
- WHERE PILE DRIVING OCCURS WITHIN 400 FEET OF RESIDENCES, CONTRACTOR SHALL ENSURE THAT THE DRIVING EQUIPMENT HAS MAX. MUFFLING CAPACITY, AND THAT NOISE REDUCTION ENCLOSURES AND/OR NOISE BARRIERS BE EMPLOYED

### STAGE 2 PILE DRIVING

- ORANGETHORPE AVENUE OVERHEAD STRUCTURE
- RETAINING WALLS NO. 4 AND 9
- APPROXIMATE START DATE = JAN 2014
- MAX. DURATION = 100 CALENDAR DAYS

### STAGE 3 PILE DRIVING

- ATWOOD CHANNEL RETAINING WALL
- APPROXIMATE START DATE = JUNE 2014
- MAX. DURATION = 20 CALENDAR DAYS
- MILLER STREET BRIDGE AND RETAINING WALL NO.2
- APPROXIMATE START DATE = DEC 2014
- MAX. DURATION = 40 CALENDAR DAYS

### TEMPORARY SOUND BLANKETS

- TEMPORARY SOUND BLANKET, H=16'
- TEMPORARY SOUND BLANKETS SHALL BE INSTALLED PRIOR TO COMMENCING PILE DRIVING ACTIVITIES



# Orangethorpe Avenue Grade Separation

## PILE DRIVING AND TEMPORARY SOUND BLANKET LOCATION EXHIBIT



MAY 9, 2013



**LEGEND**

-  Stage 1 Construction
-  Stage 2A Construction
-  Stage 2B Construction
-  Stage 3A Construction
-  Stage 3B Construction
-  Stage 4 Construction

**APPROXIMATE STAGING DURATIONS**

- STAGE 1: 4 MONTHS**
- STAGE 2: 11 MONTHS**
- STAGE 3: 11 MONTHS**
- STAGE 4: 2 MONTHS**
- TOTAL: 28 MONTHS**

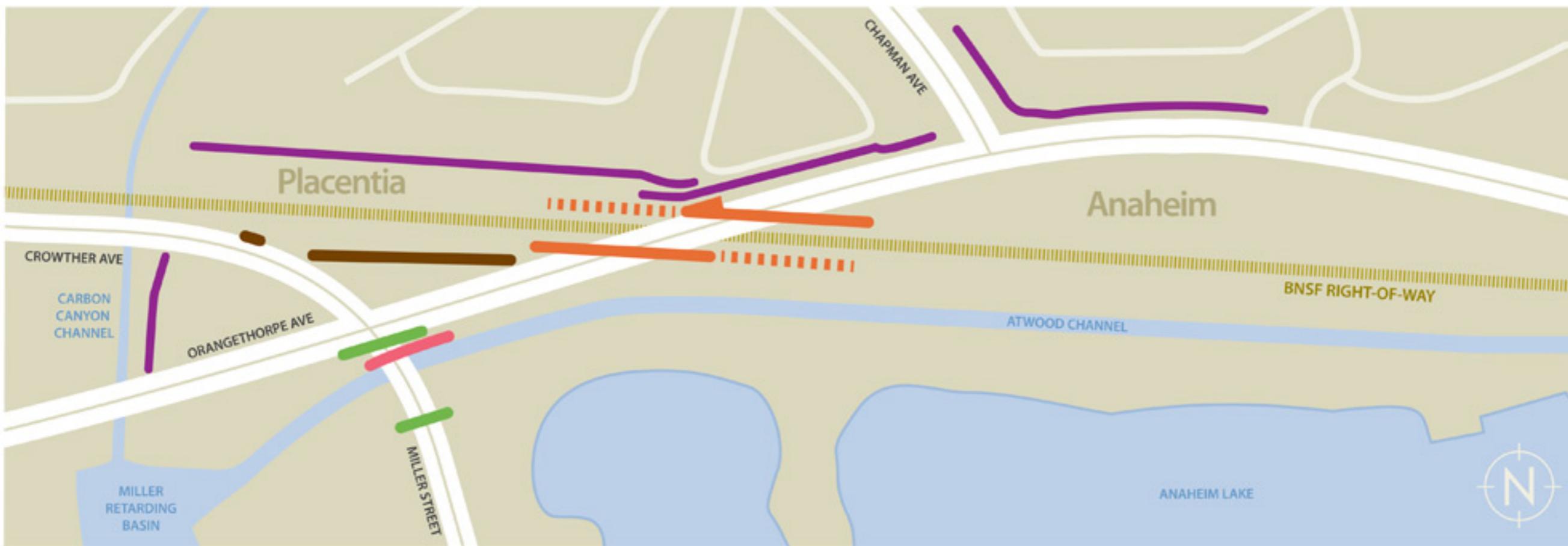


**Orangethorpe Avenue Grade Separation**  
 COMPOSITE CONSTRUCTION STAGING EXHIBIT



# Orangethorpe Avenue Grade Separation

Pile Driving and Temporary Sound Blanket Location Exhibit



## General Pile Driving Activities

Allowable driving hours: 8:00 am to 7:00 pm, Monday through Saturday.

Efforts will be made to reduce the noise levels of pile driving equipment.

Temporary sound blankets will be installed before pile driving begins.

Temporary sound blanket, Height: 16'

## Pile Driving Calendar

**Start date: January 2014\***

Maximum duration: 100 Calendar Days

Orangethorpe Avenue Overhead Structure

Retaining Walls No. 4 and 9

**Start date: June 2014\***

Maximum duration: 20 Calendar Days

Atwood Channel Retaining Wall

**Start date: December 2014\***

Maximum duration: 40 Calendar Days

Miller Street Bridge and Retaining Wall No. 2

\*Date is Approximate



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