

LEGEND:

- DIRECTION OF TRAVEL
- CONSTRUCTION ZONE, CLOSED TO TRAFFIC
- DETOUR ROUTE (VEHICLES)
- DETOUR ROUTE (BIKE/PEDESTRIAN)
- CONSTRUCTION AREA SIGN (DETOUR), ONE POST
- CONSTRUCTION AREA SIGN (DETOUR), SEE SIGN DETAILS
- DETOUR ROUTE (BIKE/PEDESTRIAN)

NORTHBOUND DETOUR ROUTE (VEHICLES)

- * WEST ON LA PALMA AVENUE OR MIRALOMA AVENUE
- * NORTH ON RICHFIELD ROAD
- * EAST ON BUENA VISTA AVENUE

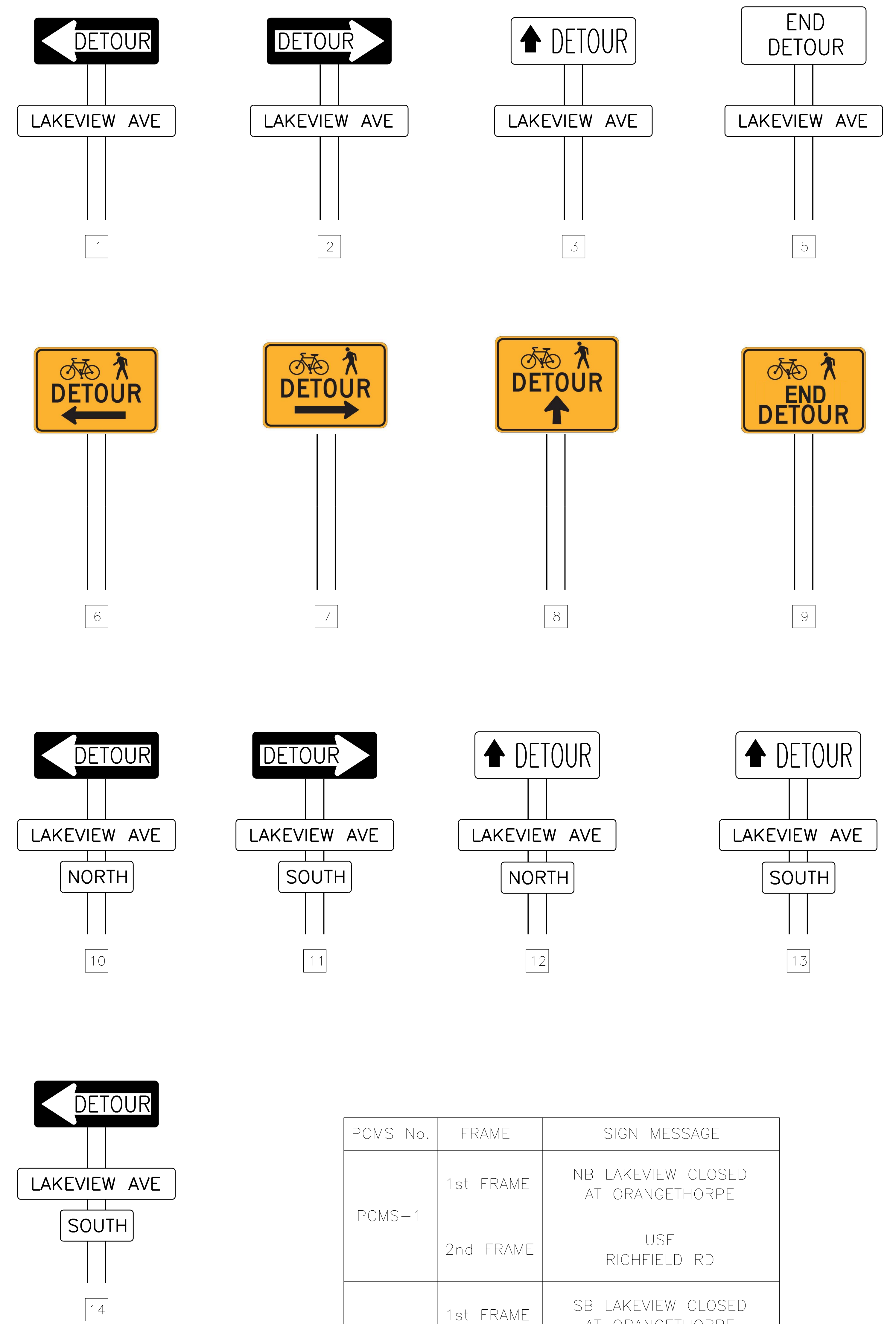
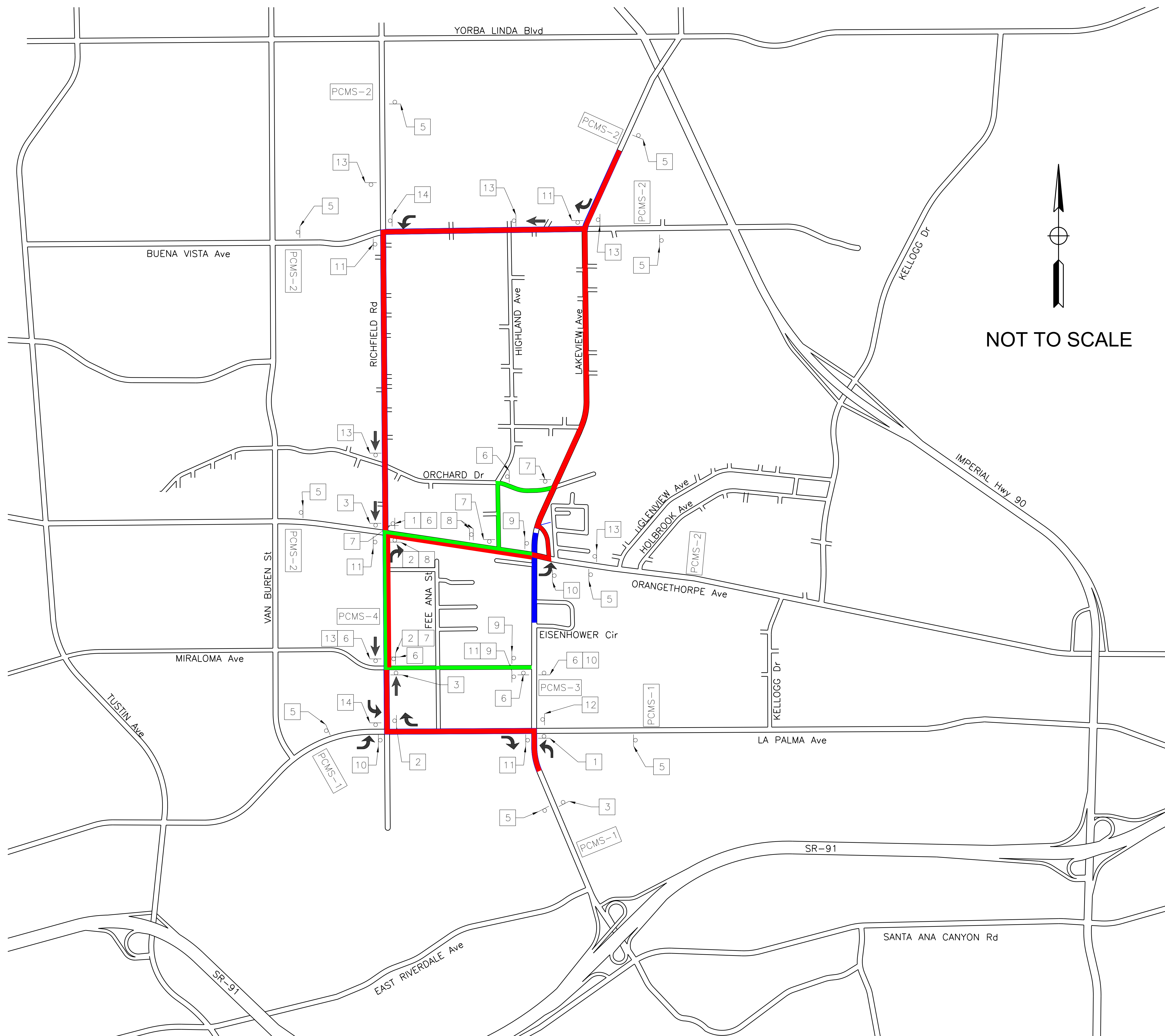
SOUTHBOUND DETOUR ROUTE (VEHICLES)

- * WEST ON BUENA VISTA AVENUE
- * SOUTH ON RICHFIELD ROAD
- * EAST ON LA PALMA AVENUE OR MIRALOMA AVENUE

DETOUR STAGE

- * STAGE 3

PCMS No.	FRAME	SIGN MESSAGE
PCMS-1	1st FRAME	NB LAKEVIEW CLOSED AT ORANGETHORPE
	2nd FRAME	USE RICHFIELD RD
PCMS-2	1st FRAME	SB LAKEVIEW CLOSED AT ORANGETHORPE
	2nd FRAME	USE RICHFIELD RD
PCMS-3	1st FRAME	LAKEVIEW CLOSED AT ORANGETHORPE
	2nd FRAME	USE RICHFIELD RD
PCMS-4	1st FRAME	NB LAKEVIEW DETOUR
	2nd FRAME	← USE MIRALOMA
PCMS-5	1st FRAME	SB LAKEVIEW DETOUR
	2nd FRAME	USE MIRALOMA/LA PALMA



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NORTHBOUND DETOUR ROUTE (VEHICLES)

- * WEST ON LA PALMA AVENUE OR MIRALOMA AVENUE
- * NORTH ON RICHFIELD ROAD
- * EAST ON ORANGETHORPE AVENUE
- * NORTH ON CONNECTOR ROAD
- * NORTH ON LAKEVIEW AVENUE

SOUTHBOUND DETOUR ROUTE (VEHICLES)

- * WEST ON BUENA VISTA AVENUE
- * SOUTH ON RICHFIELD ROAD
- * EAST ON LA PALMA AVENUE OR MIRALOMA AVENUE

DETOUR STAGE

- * STAGE 4

PCMS No.	FRAME	SIGN MESSAGE
PCMS-1	1st FRAME	NB LAKEVIEW CLOSED AT ORANGETHORPE
	2nd FRAME	USE RICHFIELD RD
PCMS-2	1st FRAME	SB LAKEVIEW CLOSED AT ORANGETHORPE
	2nd FRAME	USE RICHFIELD RD
PCMS-3	1st FRAME	NB LAKEVIEW DETOUR
	2nd FRAME	← USE MIRALOMA
PCMS-4	1st FRAME	SB LAKEVIEW DETOUR
	2nd FRAME	USE MIRALOMA/LA PALMA



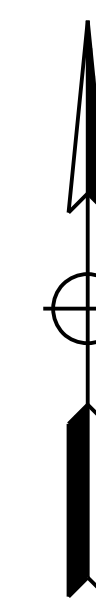
Lakeview Avenue Grade Separation Project
 Stage 4 Detour Route Layout
 August 2014





LEGEND:

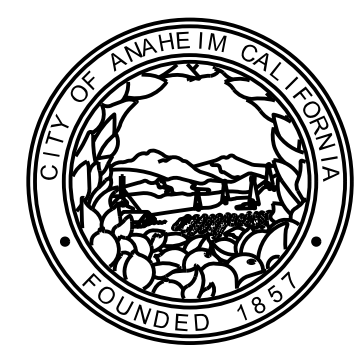
- TRAFFIC SIGNAL
- EXISTING RIGHT-OF-WAY LINE
- CITY BOUNDARY
- PROPOSED RETAINING WALL
- ROADWAY IMPROVEMENTS
- SIDEWALK IMPROVEMENTS
- RAISED MEDIAN IMPROVEMENTS
- BRIDGE STRUCTURES
- LANDSCAPING IMPROVEMENTS



SCALE: 1" = 100'



Orange County
Transportation
Authority

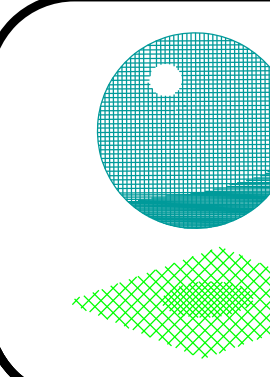


CITY OF
ANAHEIM

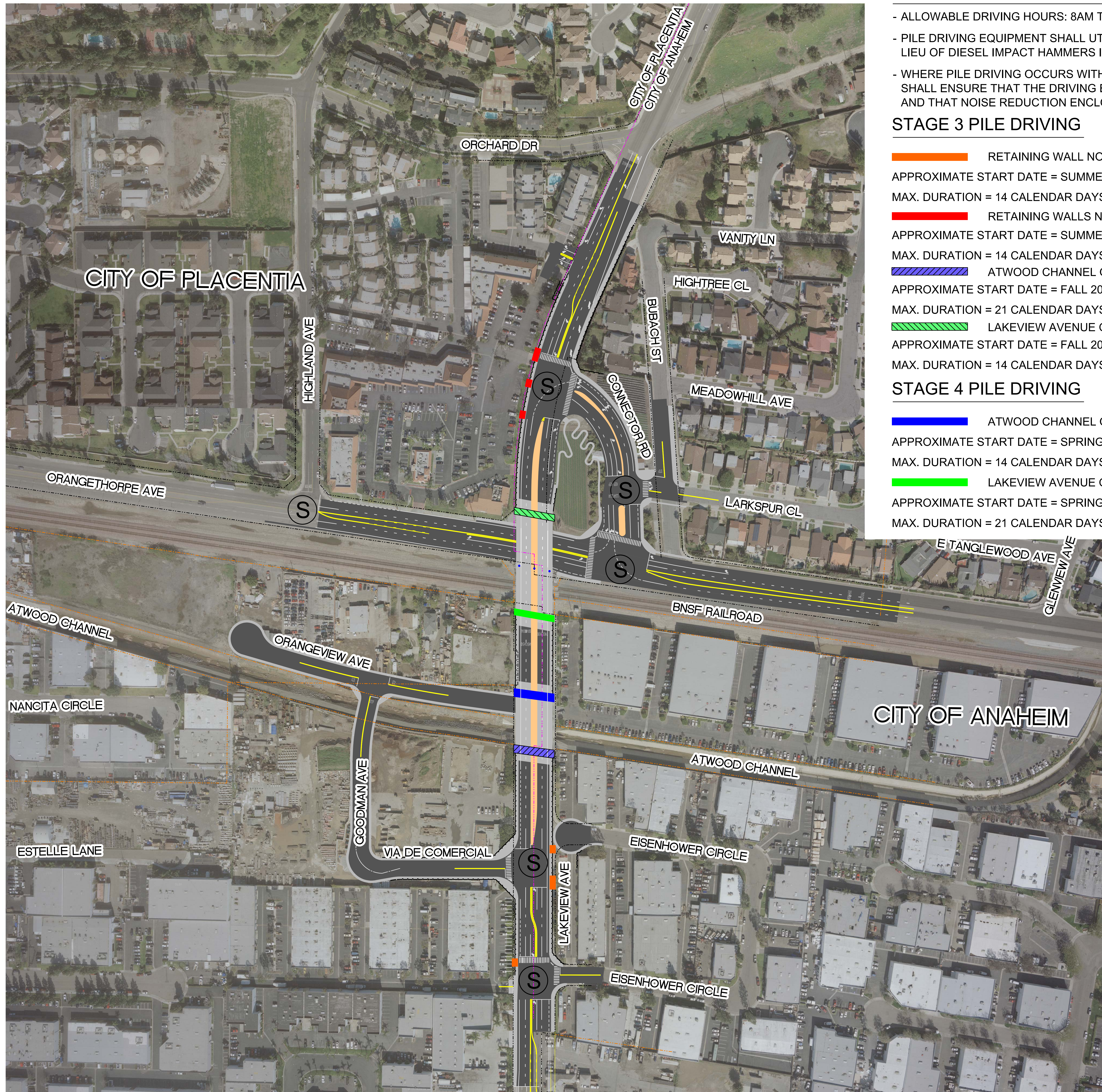


CITY OF
PLACENTIA

Lakeview Avenue Grade Separation Project
PROJECT LAYOUT
August 2014



CH2MHILL



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 MAXIMUM MUFFLING CAPACITY AND THAT NOISE REDUCTION ENCLOSURES AND/OR NOISE BARRIERS BE EMPLOYED

STAGE 3 PILE DRIVING

RETAINING WALL NO. 1 AND 2

APPROXIMATE START DATE = SUMMER 2015

MAX. DURATION = 14 CALENDAR DAYS

RETAINING WALLS NO. 6, 6A AND 6B

APPROXIMATE START DATE = SUMMER 2015

MAX. DURATION = 14 CALENDAR DAYS

ATWOOD CHANNEL OVERHEAD STRUCTURE ABUT 1

APPROXIMATE START DATE = FALL 2015

MAX. DURATION = 21 CALENDAR DAYS

LAKEVIEW AVENUE OVERHEAD STRUCTURE ABUT 3

APPROXIMATE START DATE = FALL 2015

MAX. DURATION = 14 CALENDAR DAYS

STAGE 4 PILE DRIVING

ATWOOD CHANNEL OVERHEAD STRUCTURE ABUT 2

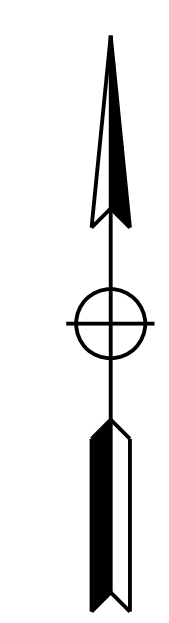
APPROXIMATE START DATE = SPRING 2016

MAX. DURATION = 14 CALENDAR DAYS

LAKEVIEW AVENUE OVERHEAD STRUCTURE ABUT 1

APPROXIMATE START DATE = SPRING 2016

MAX. DURATION = 21 CALENDAR DAYS

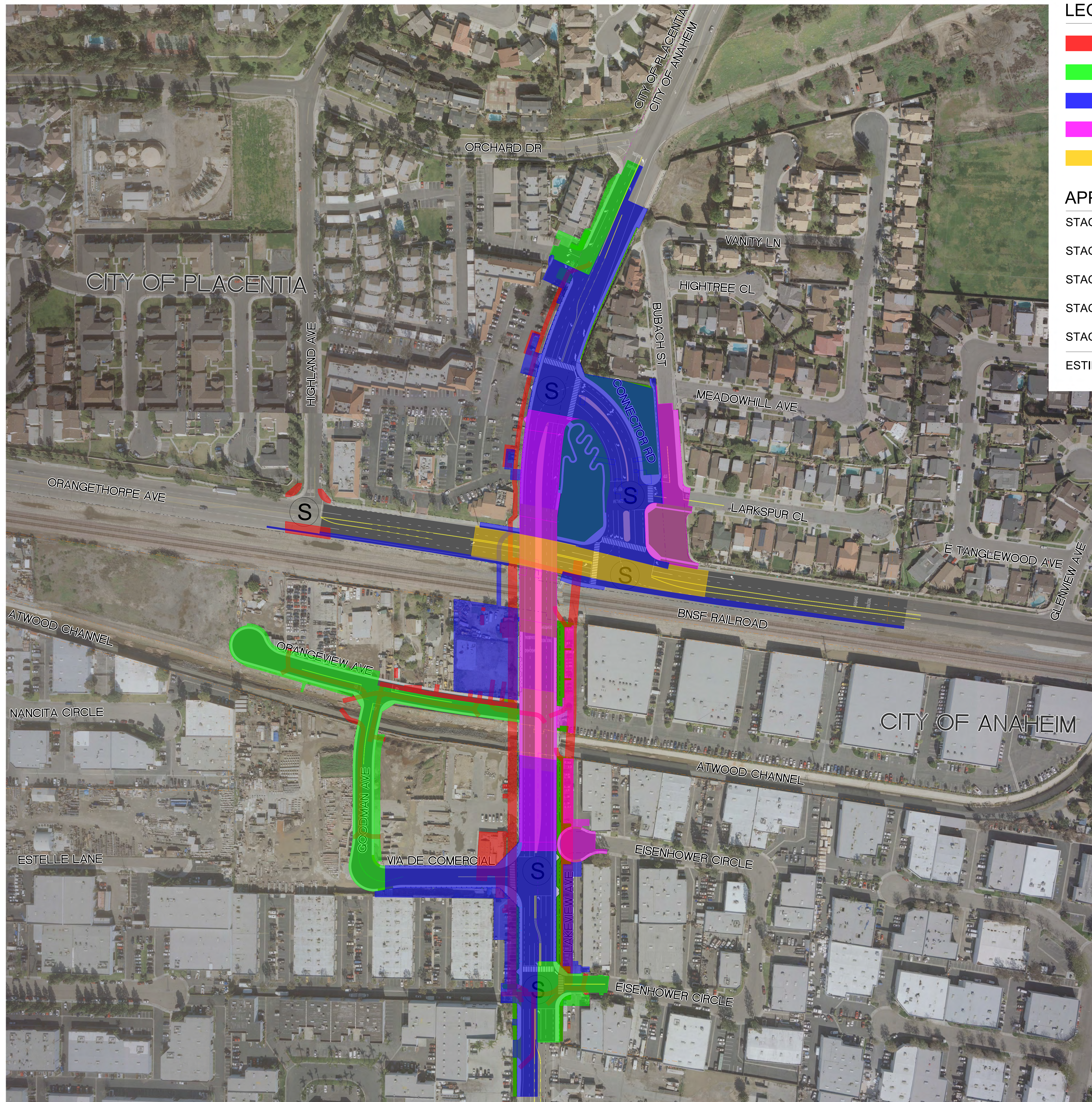


SCALE: 1" = 100'



Lakeview Avenue Grade Separation Project
 PILE DRIVING EXHIBIT
 August 2014



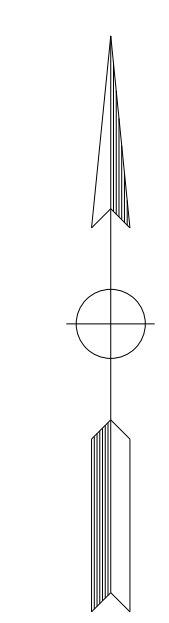


LEGEND:

- STAGE 1 CONSTRUCTION
- STAGE 2 CONSTRUCTION
- STAGE 3 CONSTRUCTION
- STAGE 4 CONSTRUCTION
- STAGE 5 CONSTRUCTION

APPROXIMATE STAGING DURATIONS

- STAGE 1: 16 MONTHS
- STAGE 2: 16 MONTHS (CONCURRENT WITH STAGE 1)
- STAGE 3: 18 MONTHS
- STAGE 4: 15 MONTHS (PARTIALLY CONCURRENT WITH STAGE 3)
- STAGE 5: 1 MONTH
- ESTIMATED TOTAL PROJECT DURATION: 34 MONTHS



SCALE: 1" = 100'



Orange County
Transportation
Authority

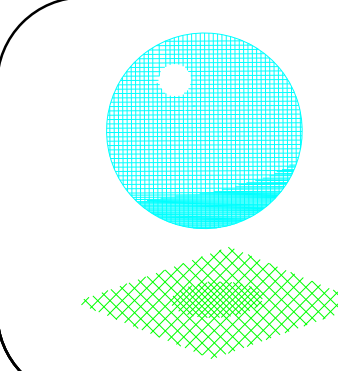


CITY OF
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CITY OF
PLACENTIA

Lakeview Avenue Grade Separation Project
COMPOSITE CONSTRUCTION STAGING EXHIBIT
August 2014



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