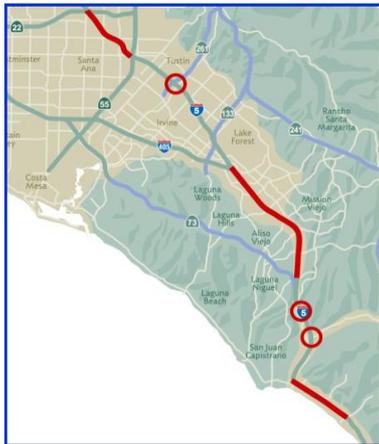


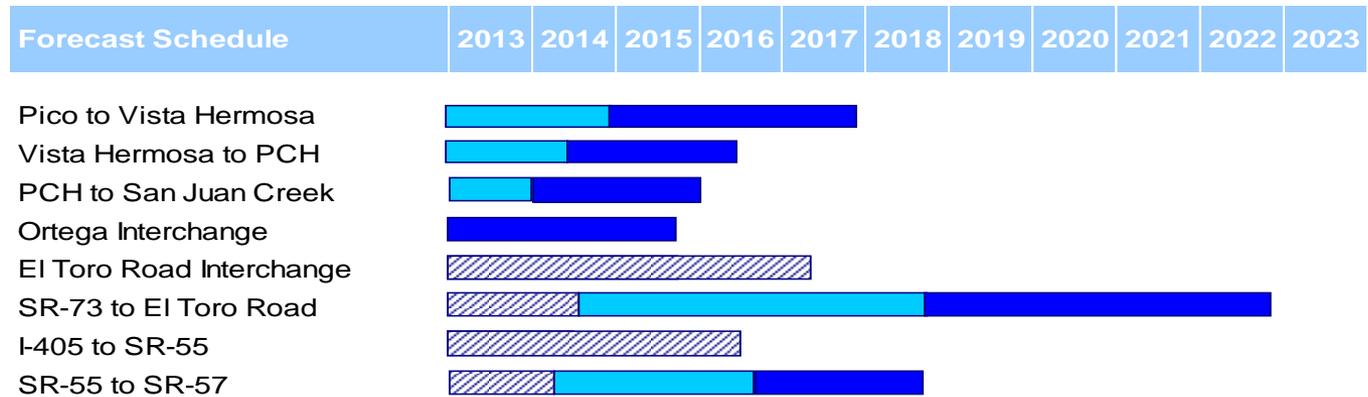
# Quarterly Highway Program Status Report

Orange County Transportation Authority

# Interstate 5 Projects



Project	Measure Project	Cost
Pico to Vista Hermosa	M2	\$113 million
Vista Hermosa to PCH	M2	\$76 million
PCH to San Juan Creek	M2	\$70 million
Ortega Interchange	M2	\$81 million
El Toro Road Interchange	M2	\$3 million
SR-73 to El Toro Road	M2	\$535 million
I-405 to SR-55	M2	\$10 million
SR-55 to SR-57	M2	\$47 million



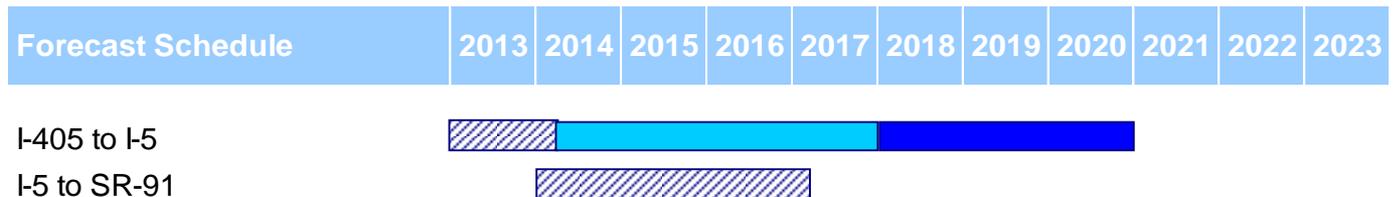
- Legend:
-  Environmental
  -  Final Design
  -  Construction

Data Date: June 2013

# State Route 55 Projects



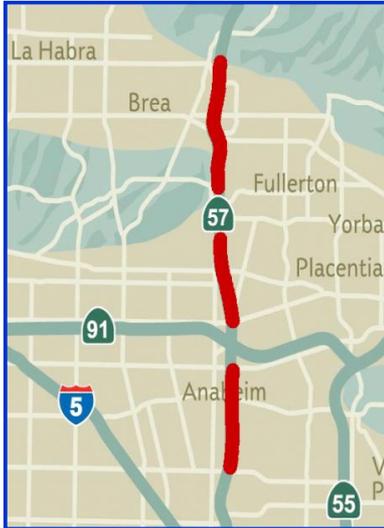
Project	Measure Project	Cost
I-405 to I-5	M2	\$275 million
I-5 to SR-91	M2	\$3 million



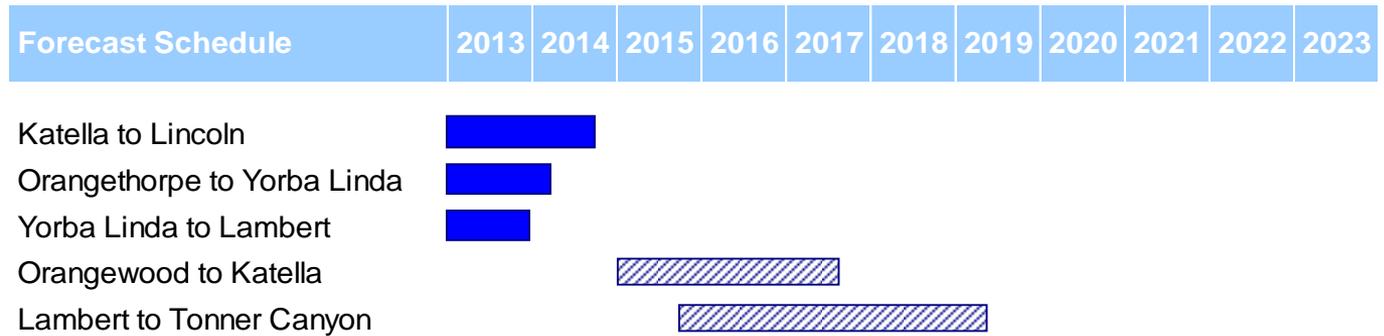
- Legend:
-  Environmental
  -  Final Design
  -  Construction

Data Date: June 2013

# State Route 57 Projects



Project	Measure Project	Cost
Katella to Lincoln	M2	\$39 million
Orangethorpe to Yorba Linda	M2	\$58 million
Yorba Linda to Lambert	M2	\$57 million
Orangewood to Katella	M2	\$500 thousand
Lambert to Tonner Canyon	M2	\$3 million



- Legend:
- Environmental
  - Final Design
  - Construction

Data Date: June 2013

# State Route 91 Projects



Project	Measure Project	Cost
I-5 to SR-57	M2	\$68 million
Tustin Avenue to SR-55	M2	\$49 million
SR-57 to SR-55	M2	\$9 million

Forecast Schedule	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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- Legend:
-  Environmental
  -  Final Design
  -  Construction



Data Date: June 2013

# Interstate 405 Projects

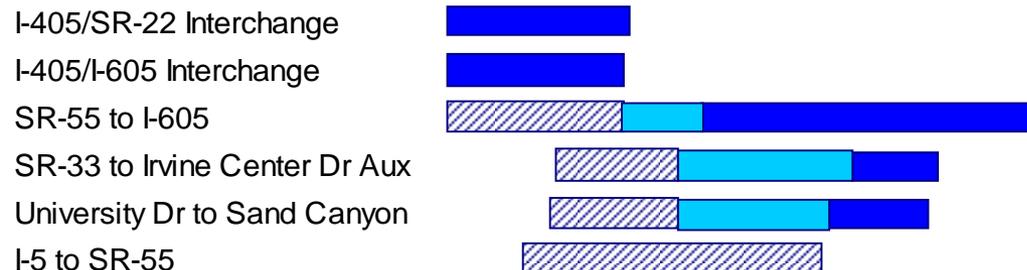


Project	Measure Project	Cost
I-405/SR-22 Interchange	M1	\$120 million
I-405/I-605 Interchange	M1	\$170 million
SR-55 to I-605	M2	\$1,299 million
SR-33 to Irvine Center Dr Aux	-	\$6 million
University Dr to Sand Canyon	-	\$8 million
I-5 to SR-55	M2	\$8 million

Forecast Schedule	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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- Legend:
-  Environmental
  -  Final Design
  -  Construction

Data Date: June 2013



# Grade Separation Projects

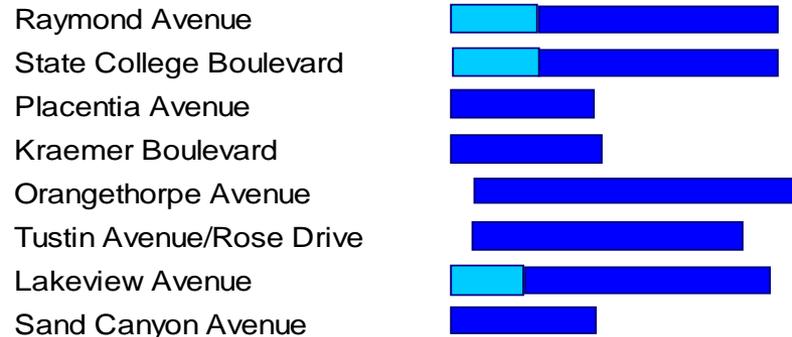


Project	Measure Project	Cost
Raymond Avenue	M2	\$98 million
State College Boulevard	M2	\$80 million
Placentia Avenue	M2	\$70 million
Kraemer Boulevard	M2	\$66 million
Orangethorpe Avenue	M2	\$107 million
Tustin Avenue/Rose Drive	M2	\$91 million
Lakeview Avenue	M2	\$105 million
Sand Canyon Avenue	M2	\$56 million

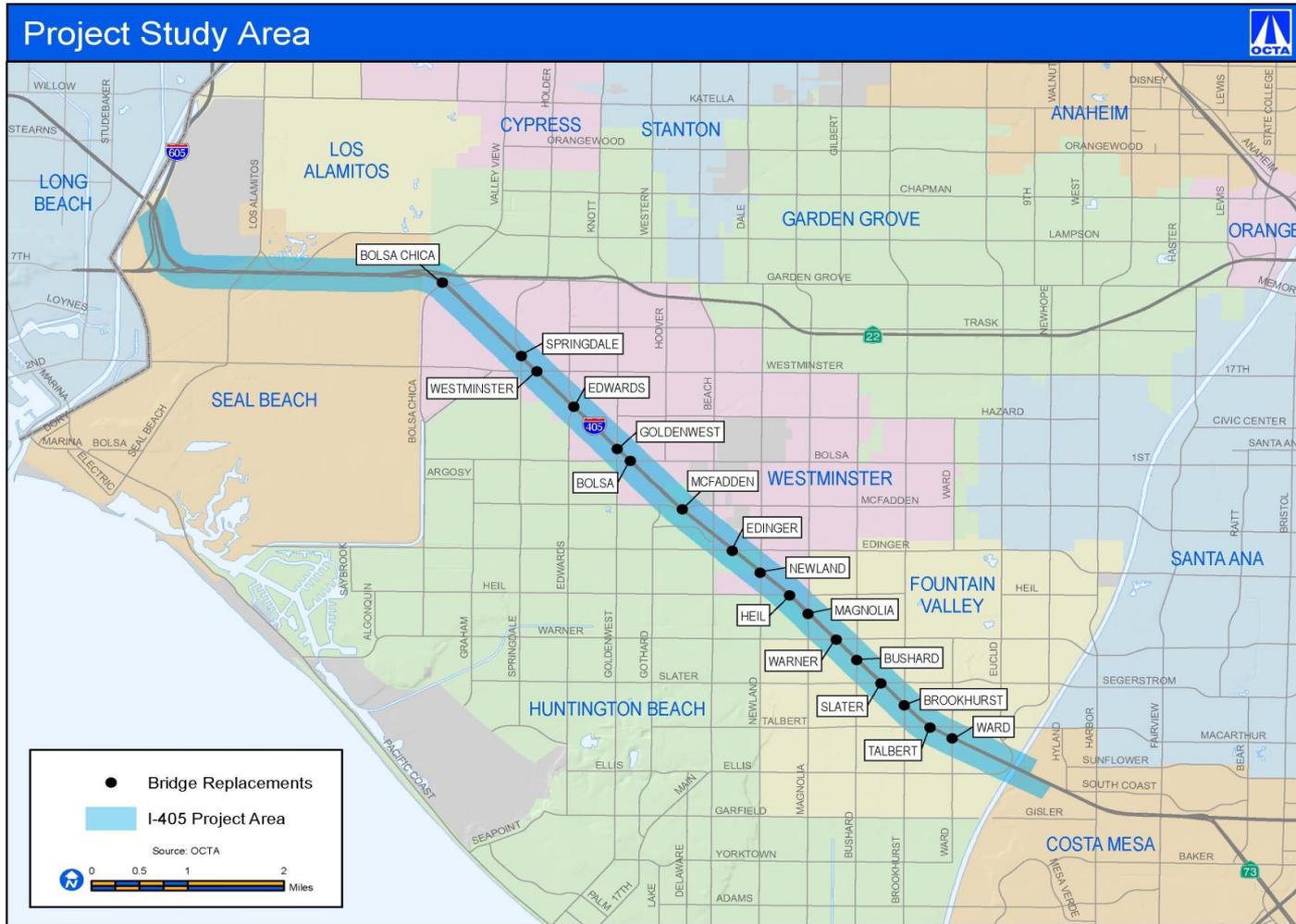
Forecast Schedule	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
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- Legend:
-  Environmental
  -  Final Design
  -  Construction

Data Date: June 2013



# 405 Study Area



October 31, 2012

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# 405 Build Alternatives

Alt*	General Description	Original Cost Estimate	Revised Cost Estimate With Variations**
1	Add one general purpose (GP) lane each direction (Measure M2 Project K)	\$1.3 billion	\$1.25 billion
2	Add two GP lanes each direction	\$1.4 billion	\$1.35 billion
3	Add one GP lane and one high-occupancy toll (HOT)/express lane	\$1.7 billion	\$1.47 billion

\* Alt = Alternative

\*\*Alts 1, 2, 3 – eliminates braided ramps in City of Fountain Valley (reduces costs by \$50 million)

Alt 3 – truncates express lanes at Euclid Street/Ellis Street, eliminates State Route 73 connector (reduces costs by \$180 million)

Note: Costs based on scope contained in draft project report, approximately 20 percent design



# Last Several Months

- October 2012                      Locally preferred alternative selected
- December 2012                      Long Beach traffic study prepared
- April 2013                              Caltrans high-occupancy vehicle (HOV) lane degradation findings submitted
- January to March 2013              New concepts suggested



# Locally Preferred Alt and New Concepts

**Alt 1: Measure M2 Project K**  
Add one GP Lane Each Direction  
(Included in all alternatives and concepts)

Concept A\*

M2 Project  
+  
one GP  
+  
Convert HOV to HOT

Concept B\*\*

M2 Project  
+  
one GP

\*Alt 2 and convert existing single HOV lane to HOT lane  
\*\* Alt 2 variation, second northbound GP lane eliminated north of Valley View Street



Design Variation



New Alternative



# Path Forward

Activity	Proceed with Alt 1 or 2*	New Alt
Recirculate supplemental draft environmental impact report/environmental impact statement (DEIR/EIS) (Long Beach traffic)	July 2013	July 2013
Proceed with preliminary design and right-of-way tasks**	July 2013	July 2013
Complete screening new concept(s)	August 2013	August 2013
Return to the Board of Directors with findings***	September 2013	September 2013
Develop/recirculate supplemental DEIR/EIS	N/A	March 2015
Select preferred alternative (Project Development Team)	October 2013	April 2015
Issue design-build request for proposals	Fall 2014	Fall 2015
Design-complete construction of project	Early 2020	Early 2021

\* With design variation within the footprint of existing alternatives

\*\* Tasks common to all alternatives

\*\*\*Board of Directors direction on new concept or alternative selection



# Next Steps

- Advance project development of M2 Project K (Alt 1)
- Initiate preliminary design and right-of-way tasks
- Screen Concept A and Concept B
- Reconvene SWG and PWG (June and Aug/Sept 2013)
- Reconvene Technical Working Group (August 2013)
- Return to the Board of Directors (September 2013)