

# State Route 91 Westbound and Eastbound Lane Addition Project Update







#### **Building A Better 91**







#### **Project Improvements**



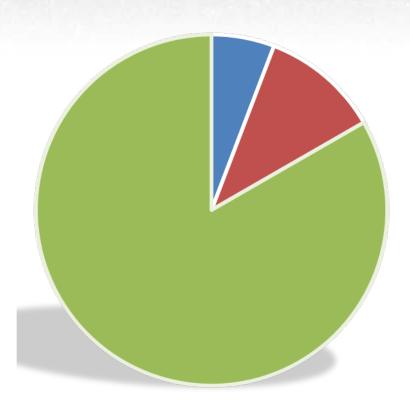


- New 6 mile Westbound and Eastbound (EB) lane
- Add second EB exit lane
- Widen 3 bridges
- Reconstruct 15 ramps
- Signage, lighting, barriers
- 1 ½ mile soundwall
- Bioswale and landscaping
- Estimated completion late 2012



#### **Cost and Funding**





Planning/Environmental: \$4.3M

Engineering: \$8.1M

Construction and \$61.9M Construction Management

Total Estimated Cost: \$74.3M

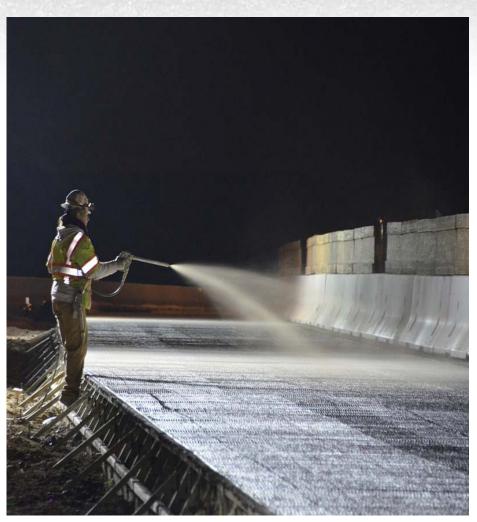
**Funding Sources:** 

State Transportation Improvement Program and Corridor Mobility Improvement Account



#### **Lane Paving**





- Paving 12 lane miles
- Standardized widths
- Portland Cement Concrete
- 25 30 year life span
- Concrete asphalt shoulders
- New striping throughout limits

#### Utility, Lane Paving, and Wall Work





**Under Construction** 

**Substantially Complete** 

# **Gantry Removal and Installation**





**Pre-Construction** 

**New Gantries** 



# Ramp Work





- Reconstruction and realignment
- 15 on- and off-ramps
- 5 higher-volume ramps
- 10 lower-volume ramps
- Staged work and full closures
- Max safety, productivity, and access



## Ramps







Lakeview Avenue

Imperial Highway



Yorba Linda/Weir Canyon



## **Bridge Widenings**





- Lakeview Avenue undercrossing
- Imperial Highway overcrossing
- Yorba Linda Boulevard/
   Weir Canyon Road overcrossing
- Pile driving, columns, abutments, and concrete pours
- Night work

# **Bridges – Span and Center Column**





## Soundwall



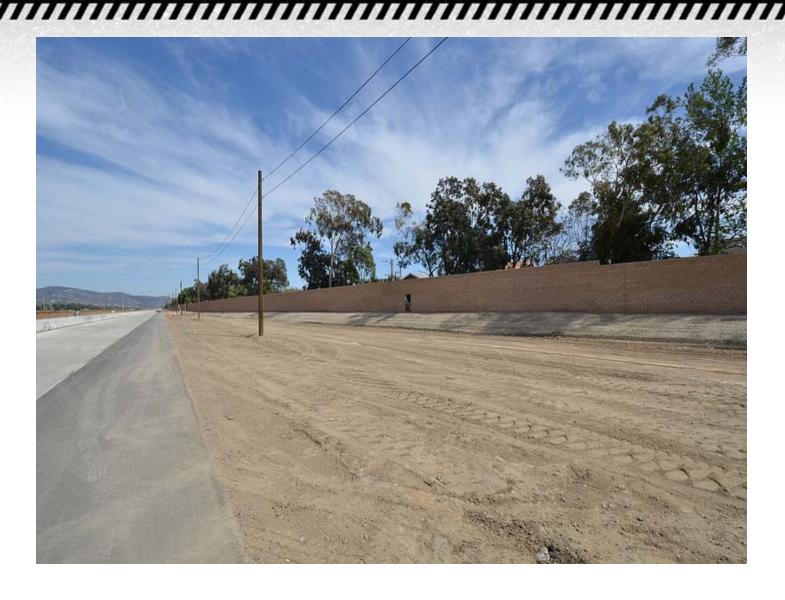
Trenching

Rebar, foundation, and block work



# **Substantially Complete**





# **Bioswale and Landscaping**





## **Traffic Management**



- Electronic signage
- Clearly marked detours
- Traffic signal and lane adjustments
- California Highway Patrol, Police, and Freeway Service Patrol



Know Before You Go!



#### **Public Outreach**



- Proactive communication
- 100% response to inquiries
- Constant communication
  - First responders
  - Motorists, residents
  - Home owner associations
  - Businesses
  - Schools, civic groups, churches, etc.





#### **Multimedia Communications**

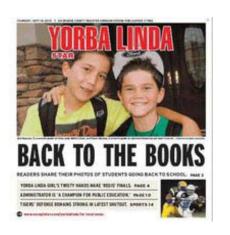




















#### Get Connected, Stay Informed







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#### **Get Connected, Stay Informed!**











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