



Laguna Hills City Council



Update on the Interstate 5 Widening Project Between State Route 73 and El Toro Road Interchange July 9, 2013





Interstate 5 (I-5) Widening from State Route 73 (SR-73) to El Toro Road



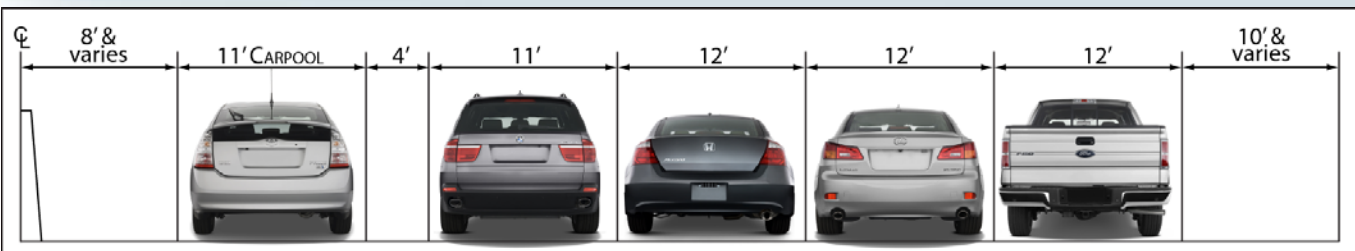


Project Highlights – SR-73 to El Toro Road

- Two build alternatives under consideration with the following features:
 - Additional general purpose lanes
 - Extension of second carpool lane from Alicia Parkway to El Toro Road
 - Conversion of existing carpool lanes to continuous access
 - Reconstruction of Avery Parkway and La Paz Road interchanges
 - Re-establishment of all existing auxiliary lanes
 - Soundwalls



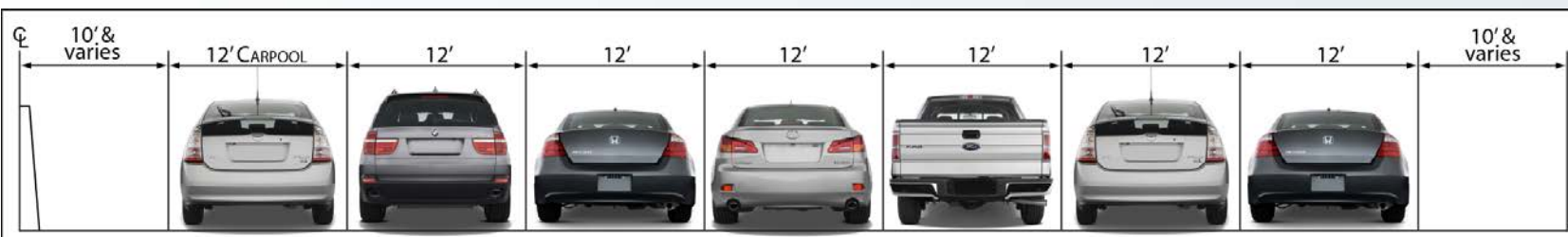
Project Alternatives – SR-73 to El Toro Road



Alternative 1: No-Build*



Alternative 2: Add one general purpose lane*



Alternative 3: Add two general purpose lanes*

* NOT TO SCALE



I-5/Avery Parkway Interchange Improvements

Avery Parkway widened from five to ten lanes (with dual left turns to northbound (NB) and southbound (SB) ramps)

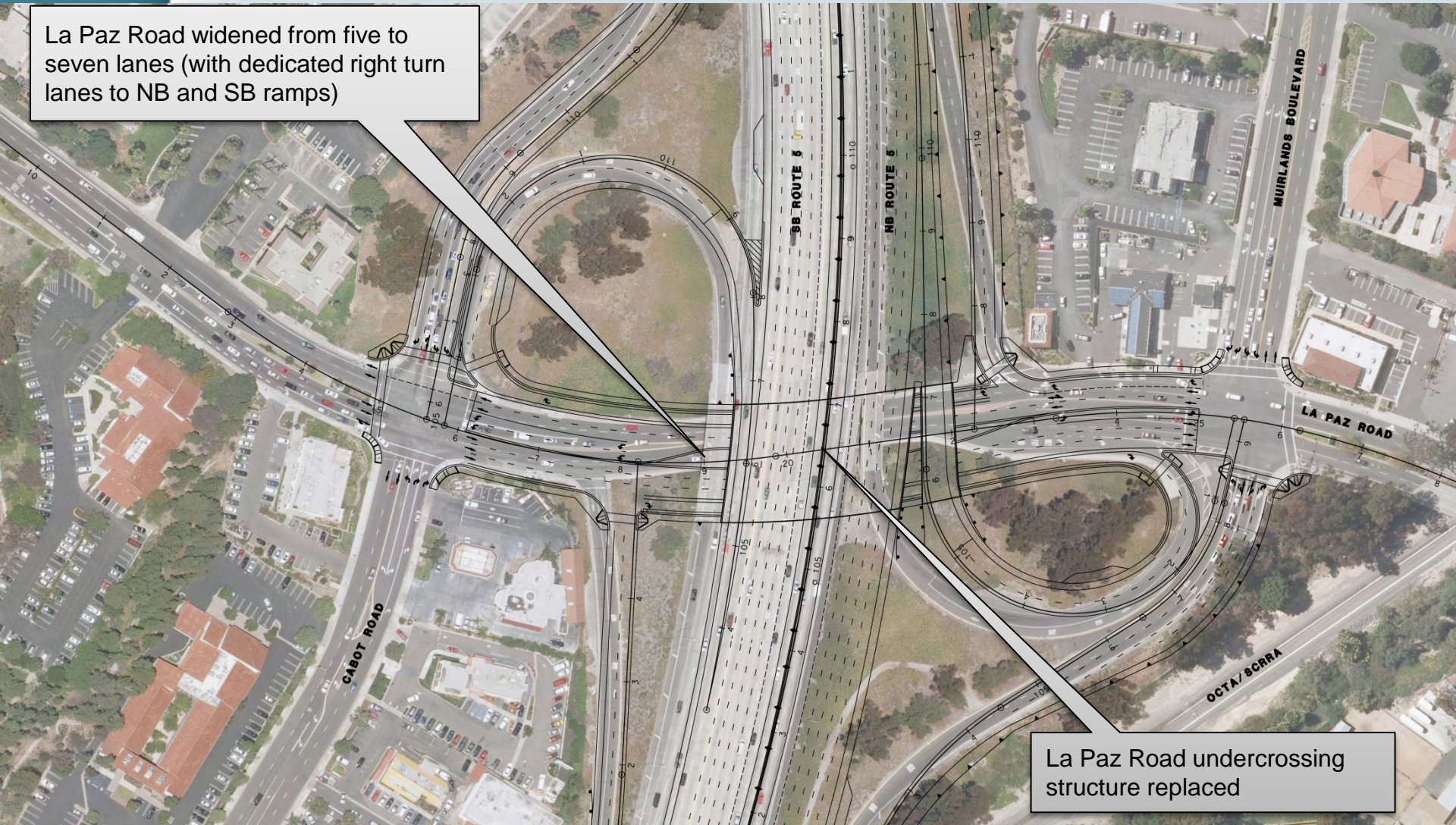
Avery Parkway undercrossing structure replaced

Additional capacity at Avery Parkway/Marguerite Parkway intersection



I-5/La Paz Road Interchange Improvements

La Paz Road widened from five to seven lanes (with dedicated right turn lanes to NB and SB ramps)



La Paz Road undercrossing structure replaced



Potential Right-of-Way Acquisitions



- Potential Full Acquisitions

- Avery Parkway interchange area
 - Cities of Laguna Niguel and Mission Viejo
- El Toro Road interchange area
 - City of Lake Forest

- Potential Partial Acquisitions/Temporary Construction Easements

- Various locations throughout the project limits to accommodate widening and construct retaining walls/soundwalls





Environmental Considerations



- Soundwalls
- Bicycle Lanes
 - Project will provide bicycle access on local arterials being widened, in accordance with Orange County Transportation Authority's Commuter Bikeways Strategic Plan
- Landscaping/Aesthetics
 - Coordination will occur with the cities during the design phase
- Construction Staging
 - Transportation Management Plan





Soundwall Analysis Process



- Prepare Noise Study Report
 - Take noise measurements and identify traffic noise impacts
 - Propose noise abatement where impacts are identified
 - Determine whether abatement measures are feasible
 - Calculate reasonable allowance per feasible noise barrier
- Prepare Noise Abatement Decision Report
 - Determine whether noise barriers are reasonable
 - Noise level reduction design goal
 - Estimated construction cost of barrier
- Survey property owners and non-owner occupants
- Develop preliminary recommendation and decision



Soundwalls Analyzed in Laguna Hills



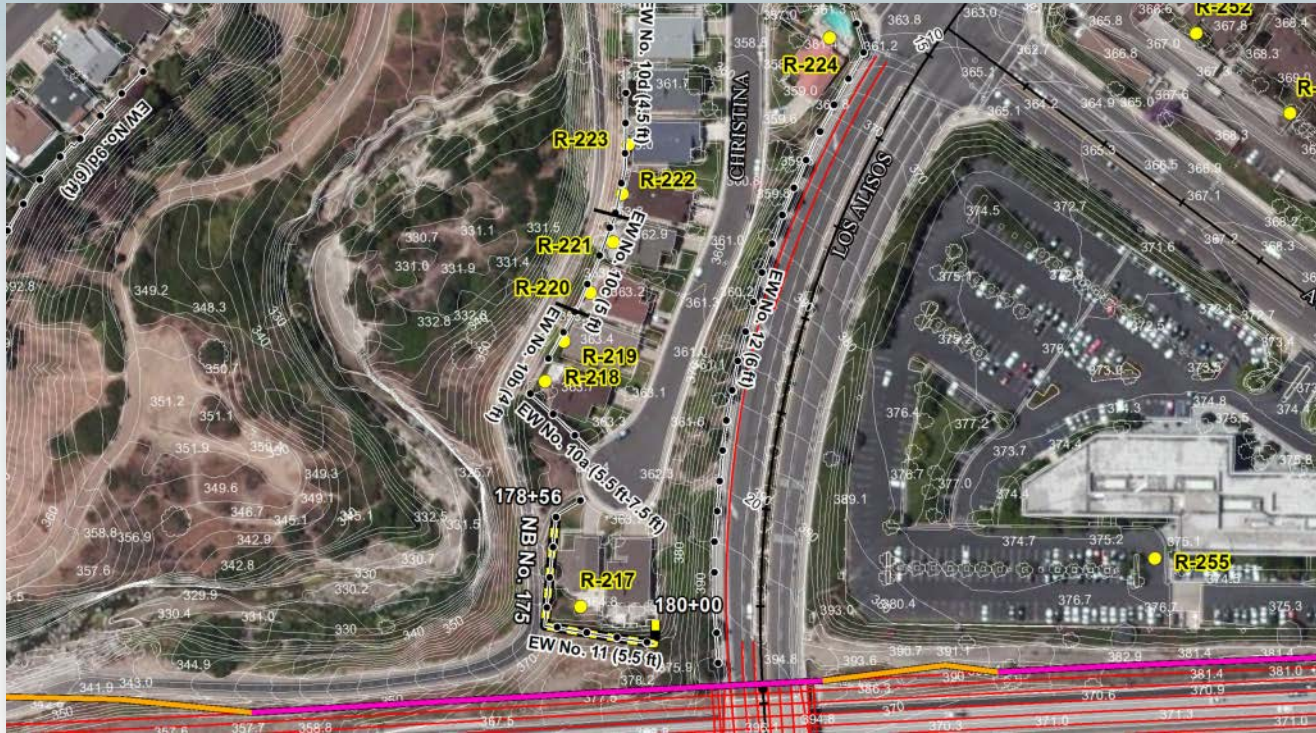
Soundwall No.	Feasible?	Reasonable?		Summary	Length	Height
		Without R/W Donation?	With R/W Donation?			
115	Yes	No	Yes (8 ft to 16 ft)	Wall will continue to be considered if R/W is donated by residents. Survey will be sent to benefited residences during public review. (100% approval required.)	959 ft	8 ft <i>(Minimum Feasible/ Reasonable Height with R/W Donated)</i>
121	Yes	No	No	Wall is unreasonable.	--	--
EW-7		Existing Wall to be Replaced In-Kind ¹			1,153 ft (Alt. 2) 1,377 ft (Alt. 3)	12 ft

Note: All soundwall locations are preliminary and are subject to change following public review or during final design.





Soundwalls Analyzed in Laguna Hills



Soundwall No.	Feasible?	Reasonable?		Summary	Length	Height
		Without R/W Donation?	With R/W Donation?			
175	Yes	No	No	Wall is unreasonable.	--	--

Note: All soundwall locations are preliminary and are subject to change following public review or during final design.



Project Schedule



October 2011

Began Environmental Phase

Mid 2013

Draft Project Report and Environmental Document Complete

Mid 2013

Public Hearing/Public Review Period

Early 2014

**Complete Environmental Phase
Final Project Report and Environmental Document**

2014 to 2017

Final Design

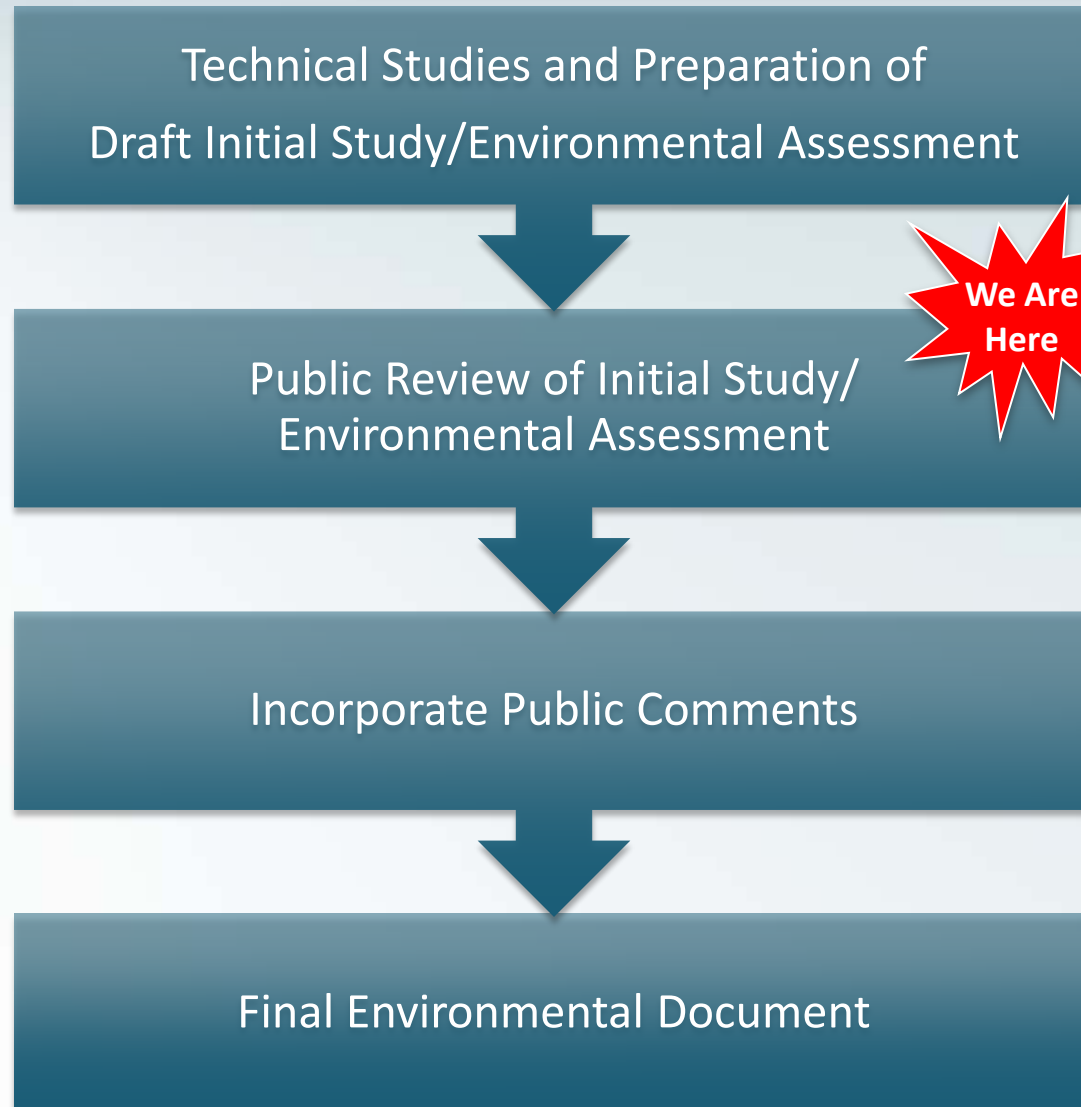
2018 to 2022

Construction





Environmental Process Key Steps





Ongoing Community Outreach



- Brief officials in all adjacent cities through council presentations
- Host community meetings
- Conduct ascertainties with key stakeholders, such as churches, schools, shopping centers, community groups, and organizations
- Host speakers bureau
- Update Facebook posts
- Share updates through project website
- Distribute e-Newsletters



Summer 2013 Look Ahead



- Anticipated public circulation start:
Early August
- Council presentations to adjacent cities
- Ascertainments with local businesses
- **Public Hearing in August**
Mission Viejo Community Center





Thank you!



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Check us out online at:



www.facebook.com/OCI5SouthCounty



www.octa.net/I5ElToro

