Orange County Transportation Authority



February 12, 2019





Overview

- I-405 Improvement Project
- OC Streetcar Project
- I-5 Widening (SR-73 to El Toro)
- SR-55 (I-405 to I-5)
- I-5 (I-405 to SR-55)
- SR-91 (SR-55 to SR-57)
- Highway A&E Opportunities















I-405 Improvement Project

405 PROJEC

- Two new lanes in each direction (one GP and one tolled express lane)
- 18 bridge replacements plus new and widened bridges
- Interchange reconfigurations
- Auxiliary lane improvements
- Arterial street improvements
- New and replaced soundwalls
- New bike lanes and sidewalks
- Anticipated 6-year design-build contract duration (2017 - 2023)
- Project cost is approximately \$1.9 billion





Project Update



General

- Second TIFIA loan disbursement received in December 2018 for \$122 million
- Speed limit reduced to 55 miles per hour in construction zone

Design

- Project design approximately 75 percent complete
- Design-builder construction at-risk packages
- Design anticipated to be fully complete in 2019

Right-of-Way

- 288 parcels impacted on schedule overall
- 276 offers presented
- 236 agreements or possession (82 percent of total parcels needed)
- 54 resolutions of necessity adopted by the Board







Storm water treatment measures



Overhead sign removal









Goldenwest and McFadden embankments





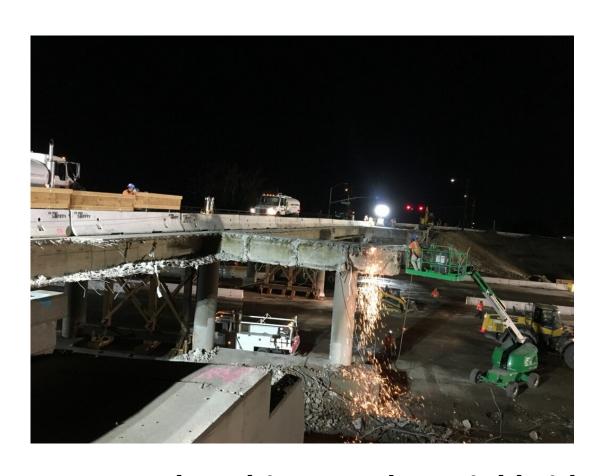




Slater Avenue full bridge demolition – September 2018









Bolsa Chica Road partial bridge demolition – December 2018



2019 Look Ahead for Bridge Construction



Early 2019

- Fairview Road overcrossing (replace in 2 stages)
- Harbor Boulevard undercrossing (widen freeway bridge)
- Bolsa Avenue overcrossing (replace in 2 stages)

Mid 2019

- Heil Avenue pedestrian overcrossing (replace in 1 stage)
- Westminster Boulevard overcrossing (replace in 2 stages)
- Santa Ana River bridge (widen freeway bridge)

Late 2019

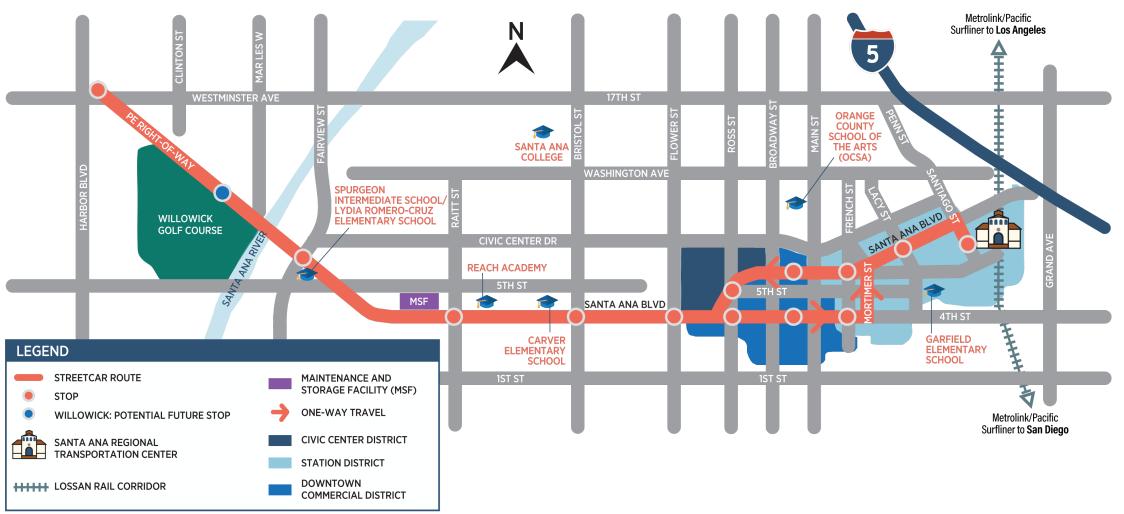
- Talbert Avenue overcrossing (replace in 1 stage)
- Bushard Street overcrossing (replace in 1 stage)

McFadden Avenue overcrossing and Slater Avenue overcrossing anticipated to be complete and open to traffic in late 2019



OC Streetcar

OCSTREETCAR





OC Streetcar Project Status

- \$407.8 m total cost and \$150 m FTA Full Funding Grant Agreement
- \$220.5 million construction contract, Walsh Construction Company
- Utility relocation underway, Notice to Proceed imminent
- Operations and Maintenance Proposals being evaluated
- Planned integrated testing and certification of vehicles Spring 2021
- Begin revenue service Winter 2021



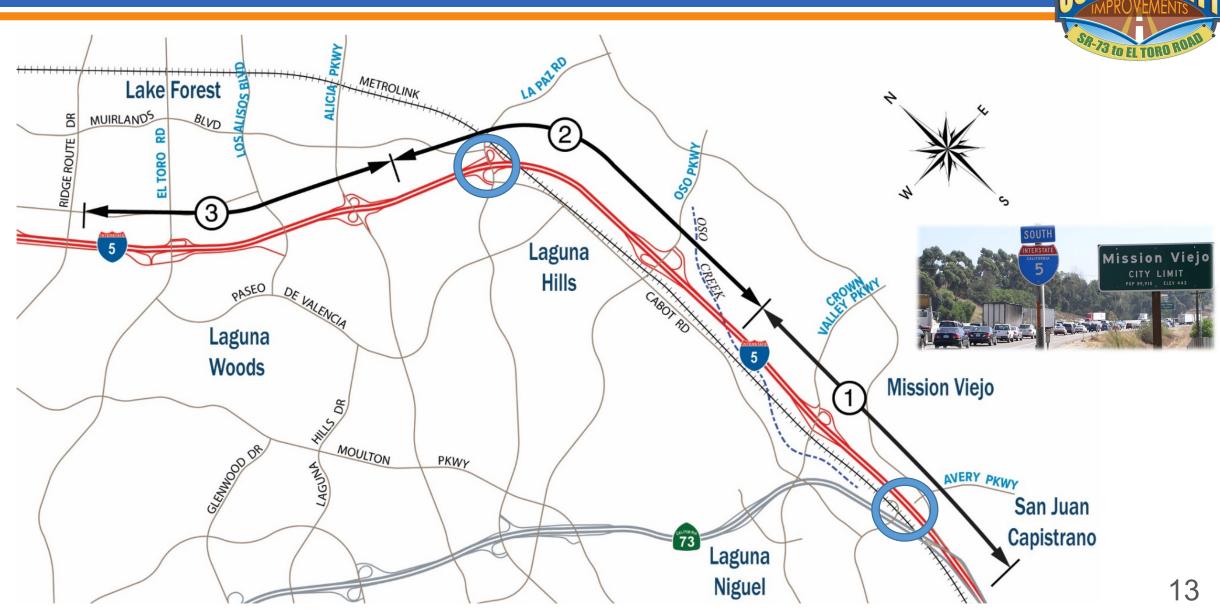
OC Streetcar Vehicle

- S70 Model, +350 vehicles in operation in 8 U.S. cities
- 88 feet long
- 181 passenger capacity
- 70 seats
- Level boarding
- 70 percent low floor





I-5 Widening (SR-73 to El Toro Road)





I-5 Widening (SR-73 to El Toro Road)

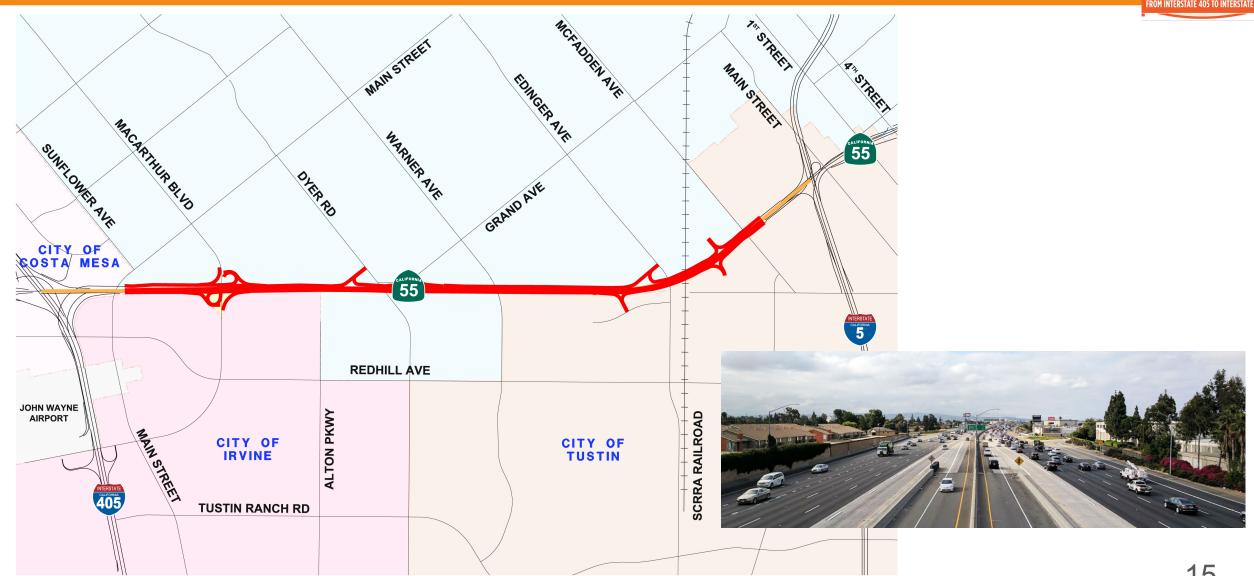


Milestone	Timeframe			
Complete Final Design	June 2018 – April 2019			
Complete Right-of-way Acquisition and Ready to List	May 2018 – November 2019			
Construction Phase	February 2019 – January 2025			
- Segment 2	February 2019 – November 2023			
- Segment 1	December 2019 – January 2025			
- Segment 3	June 2020 – July 2024			



SR-55 Widening (I-405 to I-5)







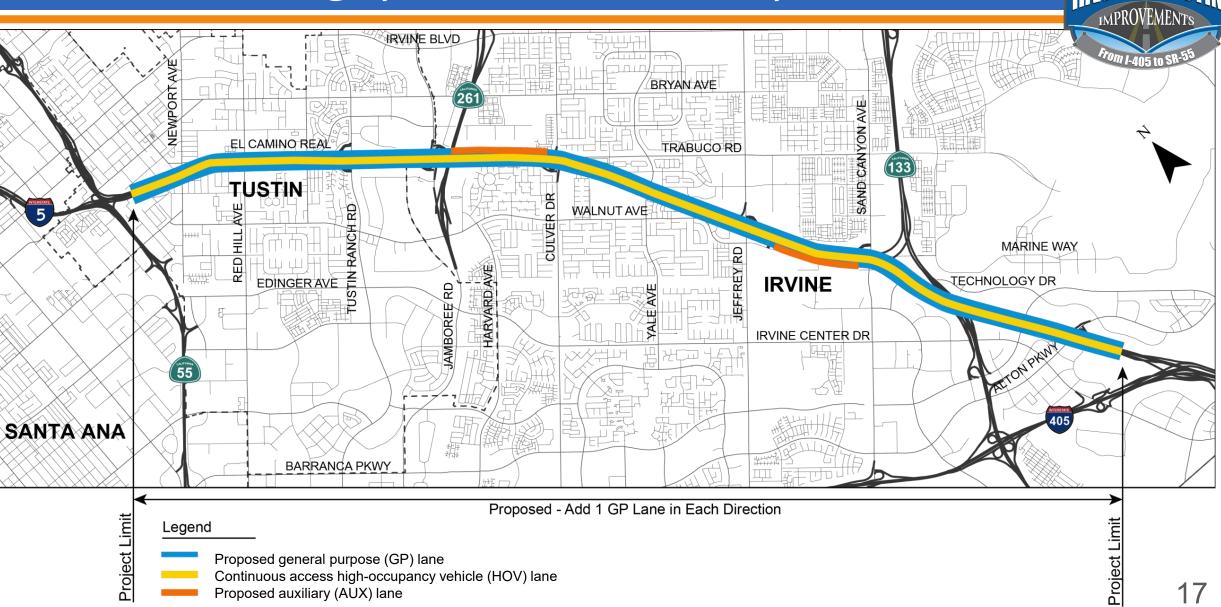
SR-55 Widening (I-405 to I-5)



Milestone	Timeframe	
Complete Final Design	December 2019	
Complete Right-of-way Acquisition and Ready to List	June 2020	
Advertise Construction	September 2020	
Construction Phase	December 2020 – December 2023	

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I-5 Widening (I-405 to SR-55)





I-5 Widening (I-405 to SR-55)

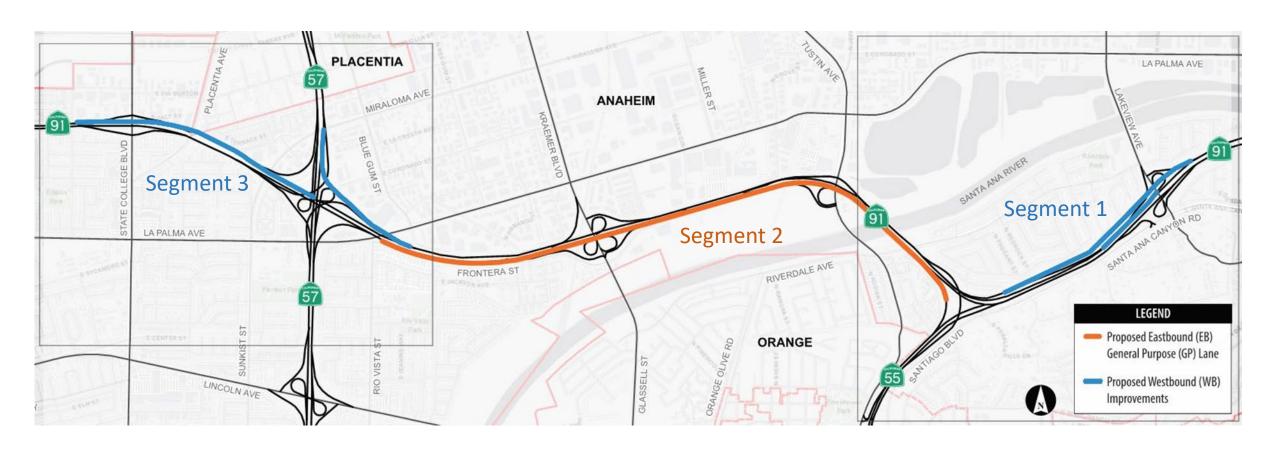


Milestone	Timeframe		
Draft Project Report and Environmental Document (30-day public review)	May – June 2018		
Public Hearing Open House	May 2018		
Project Preferred Alternative Selection	Early 2019		
Final Environmental Document	August 2019		



SR-91 Widening (SR-55 to SR57)







SR-91 Widening (SR-55 to SR57)



Milestone	Timeframe		
Draft Project Report and Environmental Document (30-day public review)	November – December 2018		
Public Hearing Open House	December 2018		
Project Preferred Alternative Selection	March 2019		
Final Environmental Document	December 2019		

Contract Opportunities and Projects in Environmental Phase

(www.cammnet.octa.net)

Project	Services	Approx. Value	Anticipated Release *	
I-5 Widening from Alicia Parkway to El Toro Road (Segment 3)	CM	\$9,000,000	2 nd Q 2019	
SR-91 Widening from SR-57 to SR-55 (Segment 1)	PS&E	\$3,750,000	2 nd Q 2019	
SR-91 Widening from SR-57 to SR-55 (Segment 2)	PS&E	\$9,600,000	3 rd Q 2019	
I-5 Widening from Avenida Pico to County Line	PA/ED	\$4,500,000	3 rd Q 2019	
SR-91 Widening from SR-57 to SR-55 (Segment 3)	PS&E	\$1,650,000	4 th Q 2019	
SR-55 Widening from I-405 to I-5	CM	\$10,000,000	1st Q 2020	
I-5 Widening from I-405 to SR-55	PS&E	\$20,000,000	1st Q 2021	
Total		\$58,500,000		
Project		Environmental Phase		
I-405 Widening from I-5 to SR-55		August 2018 **		
I-605/Katella Avenue Interchange		November 2018 **		
NB SR-57 from Orangewood to Katella		February 2019		
I-5 Widening from I-405 to SR-55		August 2019		
SR-91 from SR-57 to SR-55		December 2019		
SR-55 from I-5 to SR-91		January 2020		
* O = Calendar year quarter **Completed				

^{*} Q = Calendar year quarter **Complete

Questions?

