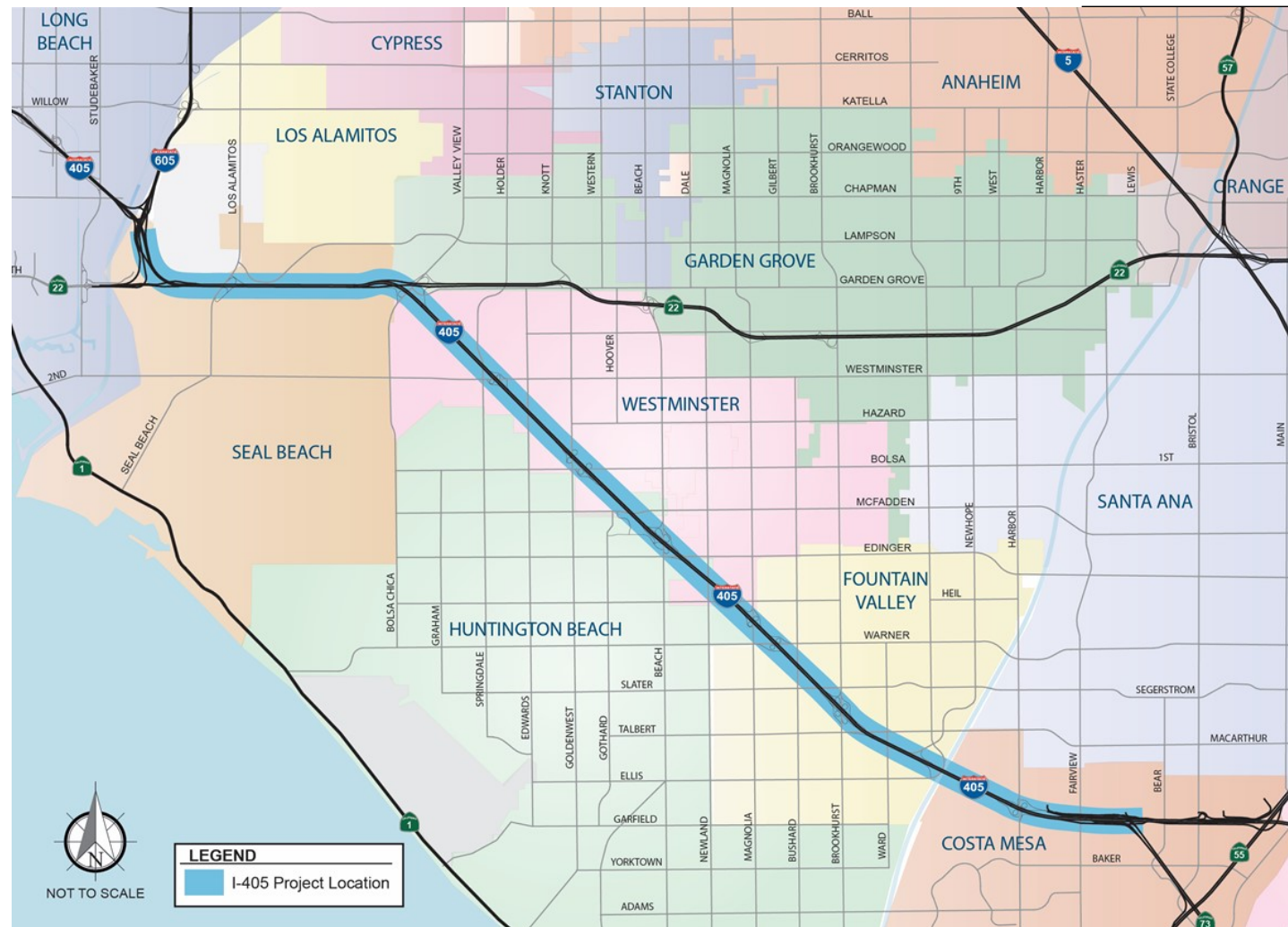




# Interstate 405 Improvement Project Update



# Project Location and Key Features



# Background



Milestone	Completion Date
Environmental clearance	May 2015
Orange County Transportation Authority (OCTA) Board of Directors (Board) awards design-build contract to OC 405 Partners	November 2016
Notice to Proceed (NTP) No. 1 issued	January 2017
TIFIA* loan executed	July 2017
NTP No. 2 issued	July 2017
Construction began	March 2018

\* Transportation Infrastructure Finance and Innovation Act

# Project Update



## Funding/ Financing

- TIFIA has reimbursed OCTA approximately \$287 million to date
- Next TIFIA loan disbursement anticipated in September 2020

## Design

- Project design approximately 85 percent complete
- Design anticipated to be fully complete by early 2020

## Right-of-Way

- 288 parcels impacted – on schedule overall
- 288 offers presented
- 269 agreements or possession (93 percent of total parcels needed)
- 60 resolutions of necessity adopted by the Board



# Construction Update



Santa Ana River bridge construction can only take place in the “dry season” (inside the river channel)



**Santa Ana River bridge construction**



# Construction Update



Aug 15, 2019 at 18:22:41  
33.708975° N, 117.959930° W  
9630 EL Rey Ave  
Fountain Valley CA 92708  
Altitude:35.3ft



Aug 15, 2019 at 18:55:31  
33.708869° N, 117.959030° W  
Slater Ave  
Fountain Valley CA 92708  
Altitude:38.6ft



**Slater Avenue bridge construction -  
Opened prior to Labor Day**



# Construction Update



**Oceanview Channel construction**



# Construction Update



**Magnolia Street bridge construction**



# Construction Update



**McFadden Avenue bridge construction**



# Construction Update



**Goldenwest Street bridge construction**



# Look Ahead for Bridge Construction



**August – December  
2019**

- After Slater Avenue bridge opens to traffic:
  - Talbert Avenue overcrossing (replace in one stage)
  - Bushard Street overcrossing (replace in one stage)
- Three freeway bridge widenings:
  - Navy overhead (old railroad crossing)
  - Bolsa overhead (current railroad crossing)
  - Beach Boulevard undercrossing

# Bridge Construction Map





# Project Challenges



- Oversight and approvals from many different agencies and third parties
- Cost and availability of construction resources in this active construction market
- Change management
- Minimizing impacts and disruptions to the public
- Schedule impacts and mitigations

# Schedule Mitigations



Implemented		Other Future Opportunities
Slater Avenue bridge from two-stage to one-stage construction	Edwards Street bridge from two-stage to one-stage construction	Longer ramp closure durations
Improvements to staging of Oceanview Channel construction	Long-term closure of one of two northbound off-ramps to Westminster Boulevard	Extended and/or multiple night closures

- Mitigations intended to maintain Project completion date
- To be balanced with minimizing traffic impacts



# Interactive Engagement



	April	May	June	July
<b>Website users*</b>	627	631	649	725
<b>Interactive map users*</b>	1,589	2,994	3,728	2,051
<b>Mobile app installs</b>	84	246	54	28

\*Includes new and returning users



# Upcoming Community Outreach



- Community Events
  - Back to School
  - Rossmoor Winter Festival
- Safety Awareness Campaign
- Ethnic Communities Outreach
- “Insider” tours
- Stakeholder Briefings
- Committee Updates
- Neighborhood meetings
  - Long-term ramp closures



2019 Fountain Valley Summerfest