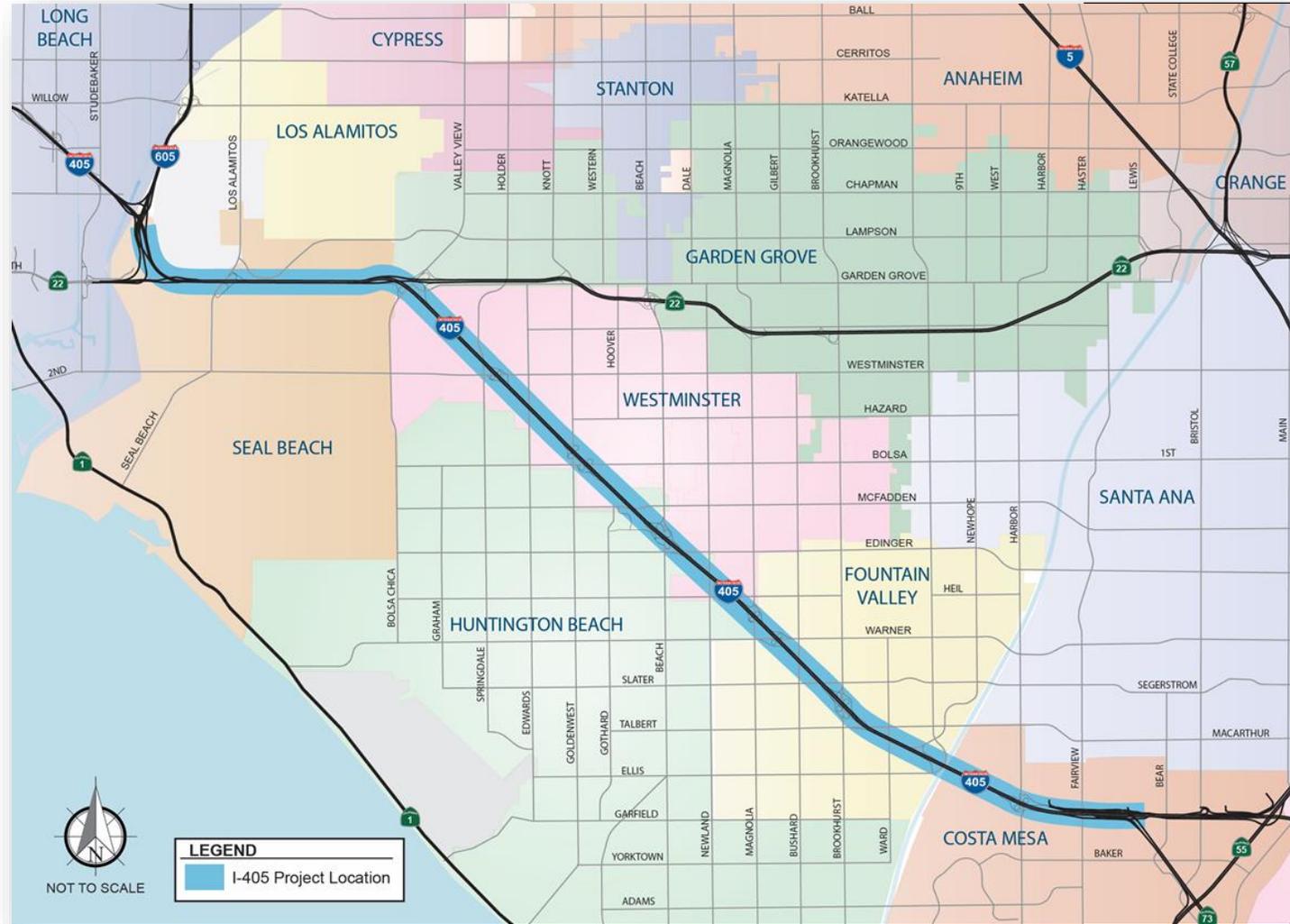




# Interstate 405 Improvement Project Update



# Project Location and Key Features



# Background



Milestone	Completion Date
Environmental clearance	May 2015
Orange County Transportation Authority Board of Directors awards design-build contract to OC 405 Partners (OC405)	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
Anticipated substantial completion	Late 2023

\* Transportation Infrastructure Finance and Innovation Act

# Design-Build Project Update



## General

- Over 80 percent complete with Interstate 405 Improvement Project
- Substantially complete with both design and right-of-way possession

## Construction

- Nine of 18 bridge replacements complete (all remaining bridges under construction)
- Approximately 90 percent of walls complete
- Approximately 80 percent of ramps complete
- Approximately 70 percent of paving complete

# 405 Express Lanes Update



- Toll Lane Systems Integrator
  - Selected Kapsch TrafficCom USA, Inc., (Kapsch) in 2018 to provide services for in-lane systems, electronic message signs, corridor cameras, traffic operations center staffing, etc.
  - Kapsch currently working with OC405 to design system and coordinate needs
- Back-Office System and Customer Service Center Vendor and Location
  - Agreement executed with WSP USA Services, Inc. in January 2022
  - Lease executed for customer service center site location in February 2022
- Traffic Operations Center
  - Utilizing Santa Ana Bus Base location and build out recently completed
- Marketing Services Procurement
  - Marketing request for proposals recently released

# Construction Update



**Fairview Road**



**Talbert Avenue**



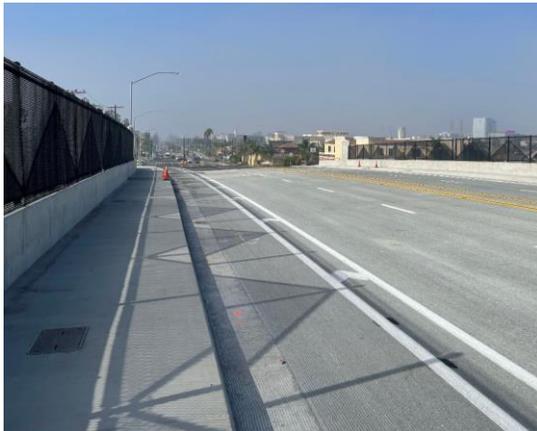
**Slater Avenue**



**Bushard Street**



**Magnolia Street**



**Edinger Avenue**



**McFadden Avenue**



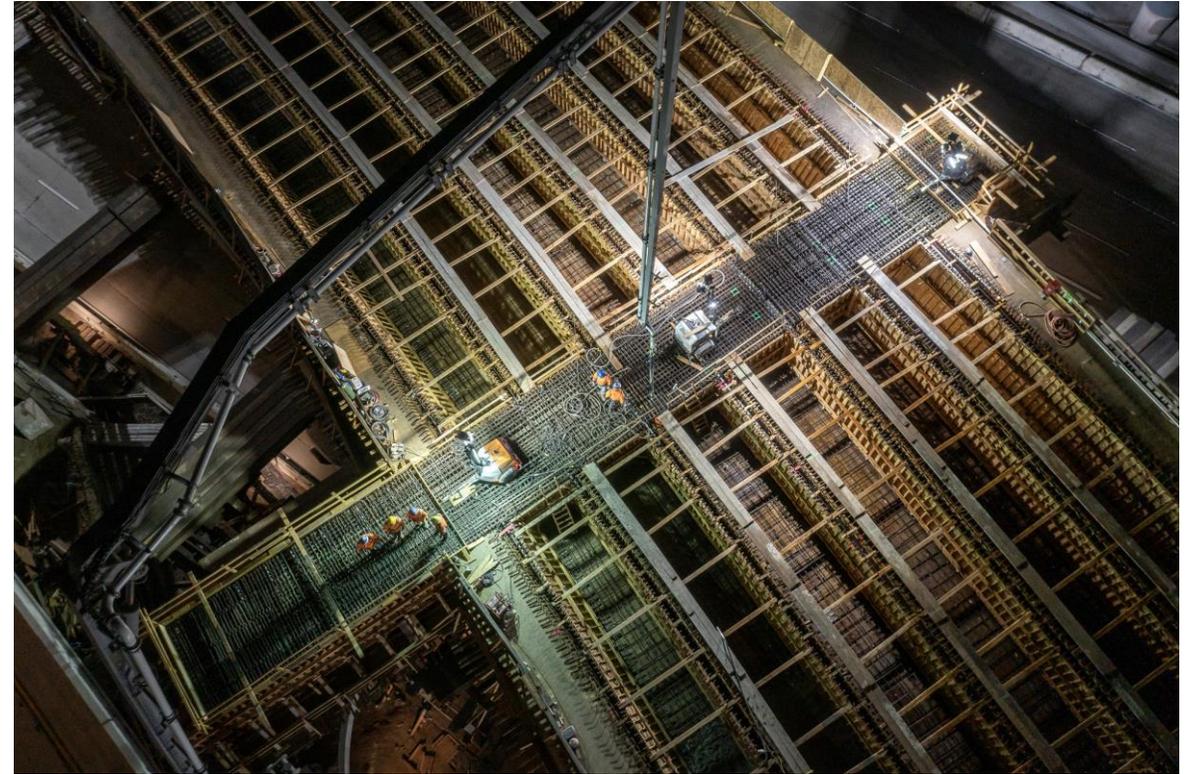
**Edwards Street**



**Bolsa Chica Road**

**Nine bridge replacements complete and open to traffic**

# Construction Update



**Interstate 405 (I-405)/State Route 73 (SR-73) median connector**

# Construction Update



**Ward Street bridge construction**



**Warner Avenue bridge construction**

# Construction Update



**Heil Avenue (pedestrian) bridge construction**



**Beach Boulevard construction**

# Construction Update



**Bolsa Avenue bridge construction**



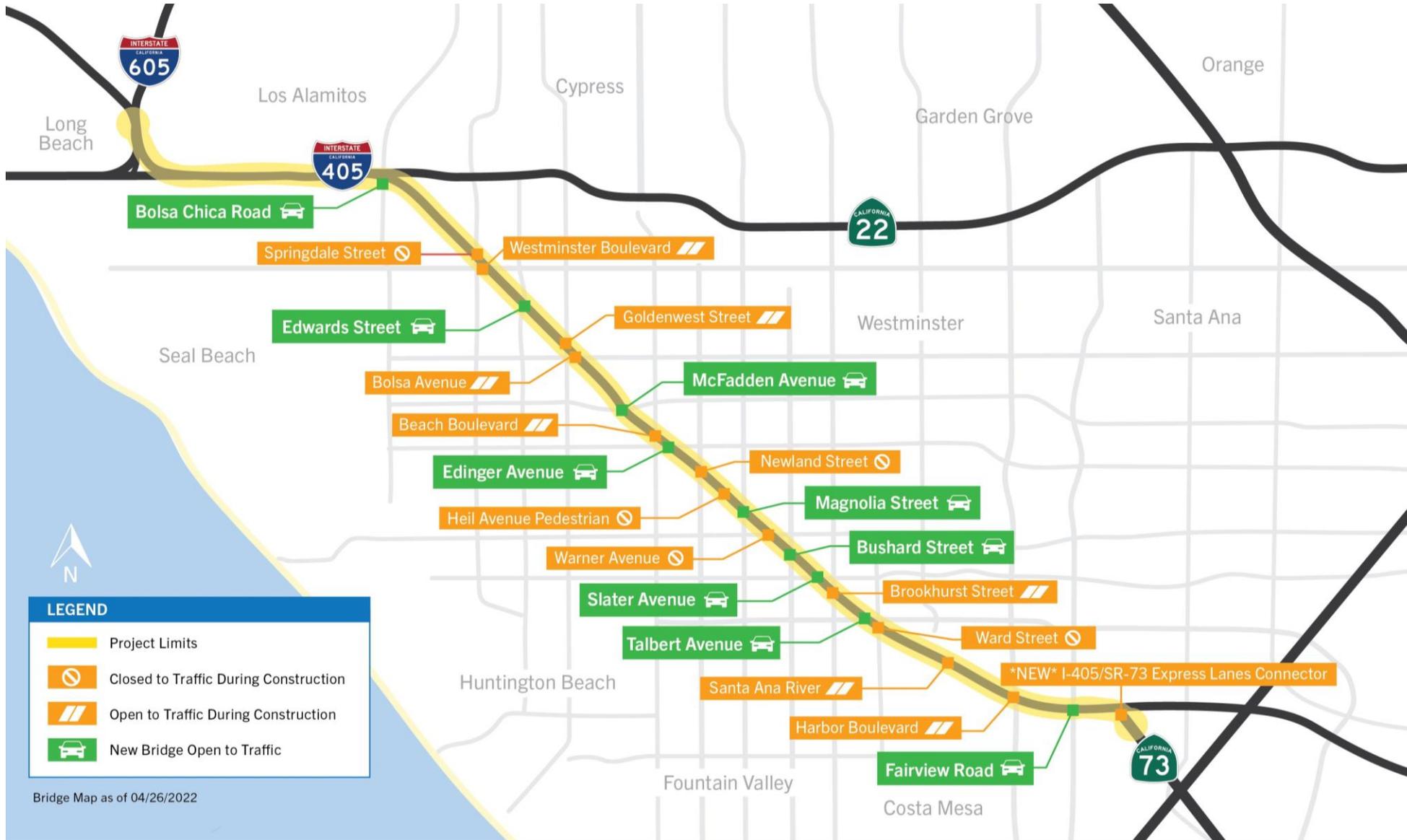
**Goldenwest Street bridge construction**

# Construction Update



**Westminster Boulevard bridge construction**

# Bridge Construction Map



# Status of 18 Bridge Replacements



Overcrossing Bridge	Number of Stages	Anticipated Opening Date		
		Open	2022	2023
Bolsa Chica Road	Two	X		
Springdale Street	One			X
Westminster Boulevard	Two		X	
Edwards Street	One	X		
Goldenwest Street	Two		X	
Bolsa Avenue	Two			X
McFadden Avenue	One	X		
Edinger Avenue	One	X		
Newland Street	One			X
Heil Avenue (Pedestrian)	One		X	
Magnolia Street	Two	X		
Warner Avenue	One			X
Bushard Street	One	X		
Slater Avenue	One	X		
Brookhurst Street	Two			X
Talbert Avenue	One	X		
Ward Street	One		X	
Fairview Road	Two	X		

# Major Risks Remaining



## Design-build risks:

- Archaeological resources
- Coronavirus
- Utility relocation delays
- Design-builder labor/material availability and cost escalation/pressure

## Tolling risks:

- Design-builder/toll lanes system integrator coordination and equipment installation
- Tolling vendor delivery of back-office system services

# Outreach Metrics



Category	April – June 2022	January – March 2022
Public comments, questions	261	274
Location-based advertising	403,332 impressions	606,361 impressions
Construction alerts	157 (52% average open rate)	140 (42% average open rate)
Web page views	22,688	17,702
Interactive map users	7,524	4,790
Social media reach	354,826	374,274
Flyers	31,470	53,250

# Upcoming Outreach



- Fall community events
  - National Night Out
  - Rossmoor Winter Festival
- Major activity notifications
  - I-405/SR-73 connector activities
  - Paving activities
  - Extended ramp closures
- Bridge openings
  - Ward Street
- Diverse communities
  - Briefings with community-based organizations

