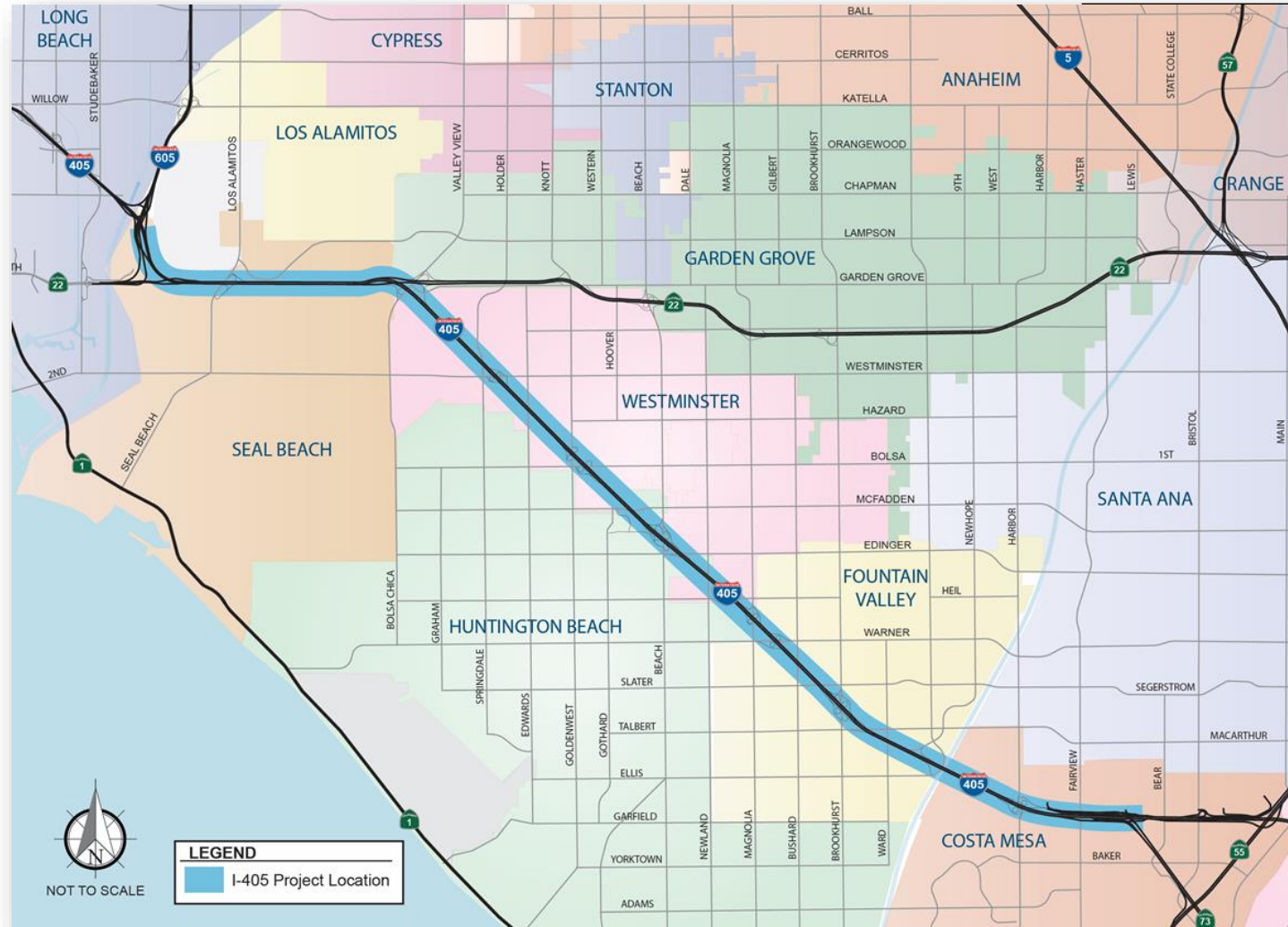




Interstate 405 Improvement Project Update



Project Location and Key Features



Background



Milestone	Completion Date
Environmental clearance	May 2015
Orange County Transportation Authority (OCTA) Board of Directors awards design-build (DB) 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 opening of all lanes	Early December 2023

* Transportation Infrastructure Finance and Innovation Act

Design-Build Project Update



General

- Over 95 percent complete with Interstate 405 (I-405) Improvement Project
- Remaining work consists of landscaping, additional bridge lighting, cultural resources restoration, and punch-list activities

Construction

- All bridges complete
- All ramps complete
- All walls and paving complete

Construction Update



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



Ward Street bridge

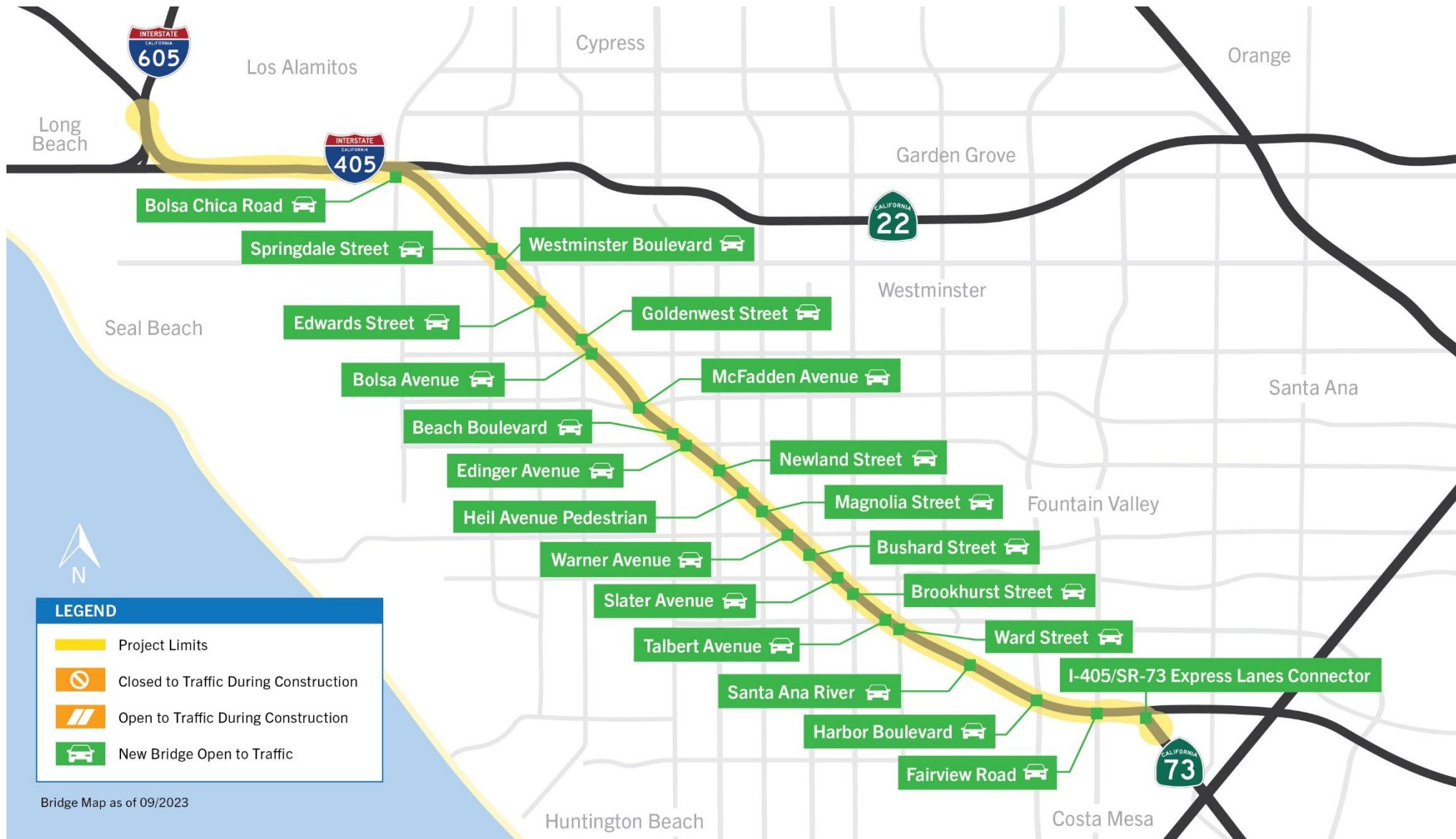


Newland Street bridge



Springdale Street bridge

Bridge Construction Map



Major Risks Remaining



DB risks:

- Force majeure event
- Changes in scope of work

Tolling risks:

- Toll lanes system integrator coordination, equipment installation, and testing
- Tolling vendor delivery of back-office system services

Express Lanes Update



General

- Enforcement services agreement with the California Highway Patrol approved
- First shipment of transponders received

Back-Office System/Customer Service Center Services

- Selected WSP USA Services, Inc., (WSP) in 2021
- System development continues
- System integration testing is complete and user acceptance testing is ongoing

Toll Lane System

- Selected Kapsch TrafficCom USA, Inc., (Kapsch) in 2018
- Installation complete and system testing continues

Express Lanes Update (Cont.)



Traffic Operations Center

- Tenant improvements completed
- Hiring of staff has commenced (provided by Kapsch)

Customer Service Center

- Tenant improvements completed
- Hiring of staff continues (being provided by WSP)

Upcoming Agreements

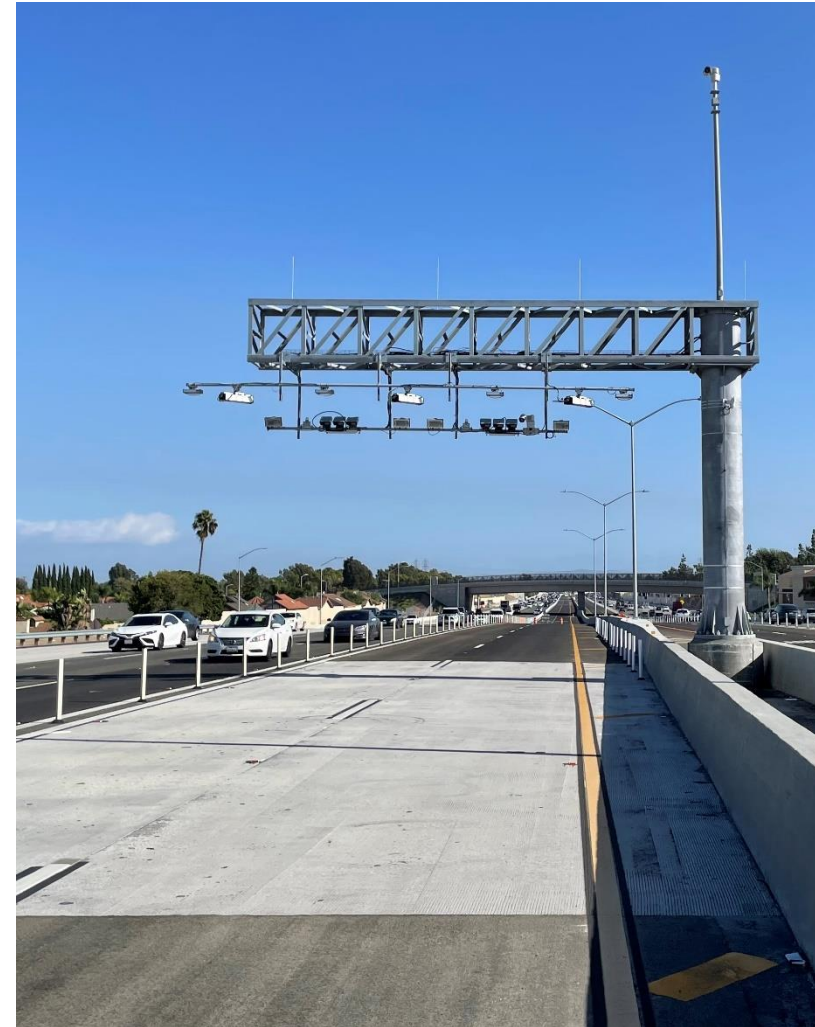
- Maintenance agreement with the California Department of Transportation (Caltrans)

Tolling Elements



405 Express Lanes striping and channelizers

Tolling Elements (Cont.)



405 Express Lanes tolling elements

Tolling Elements (Cont.)



405 Express Lanes Customer Service Operations Center

Tolling Elements (Cont.)



405 Express Lanes Traffic Operations Center

Next Steps



Milestone	Completion Date
Anticipated opening of all lanes	Early December 2023
DB project completion (landscaping, installation of remaining bridge lighting, cultural resources restoration, and punch-list activities will be ongoing until project completion)	February 2024
DB final acceptance (final punch-list activities will be addressed and acceptance of project improvements by stakeholders, including Caltrans and the cities)	June 2024
DB contract acceptance (end of a three-year plant establishment period)	2027

Project Contact Information



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