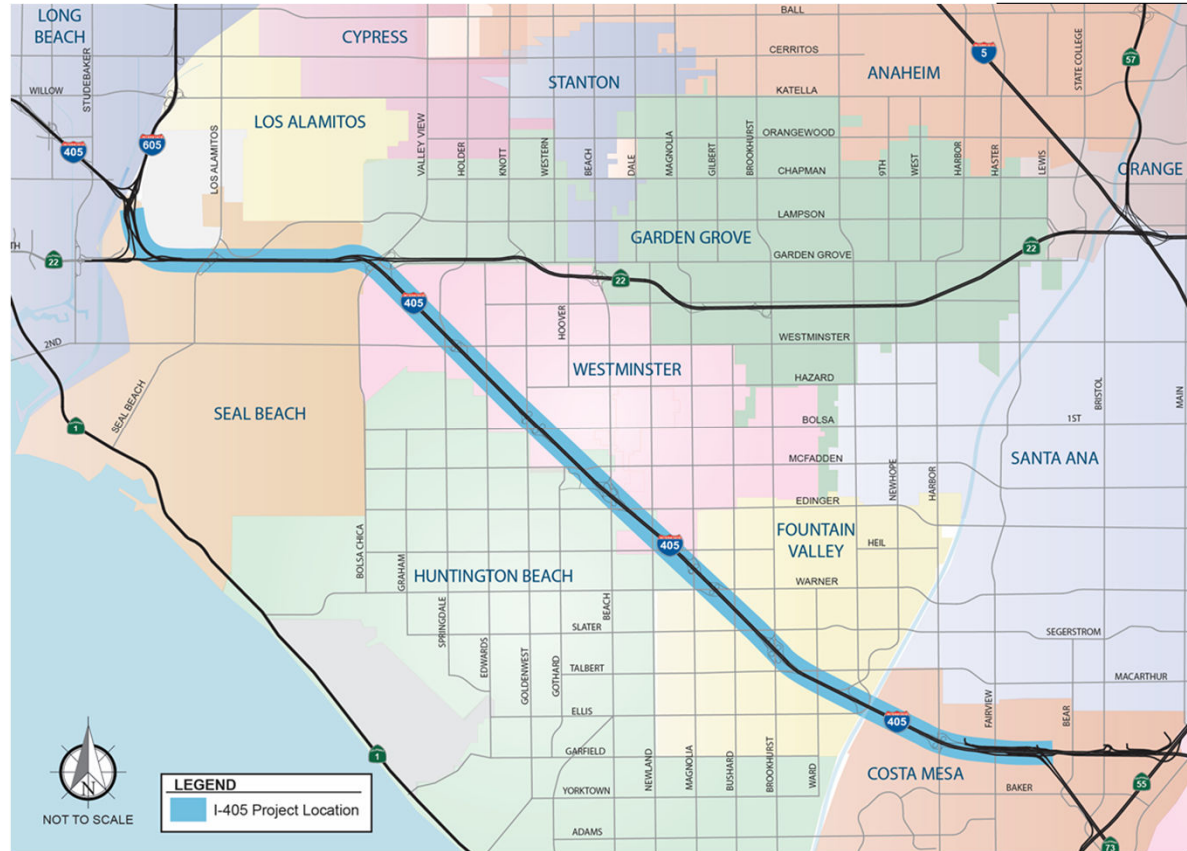




Interstate 405 Improvement Project Update



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	Late 2023

* Transportation Infrastructure Finance and Innovation Act

DB 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 median connector bridge complete

Construction Update (Cont.)



Ward Street bridge complete

Construction Update (Cont.)



Brookhurst Street bridge complete

Construction Update (Cont.)



Warner Avenue bridge complete

Construction Update (Cont.)



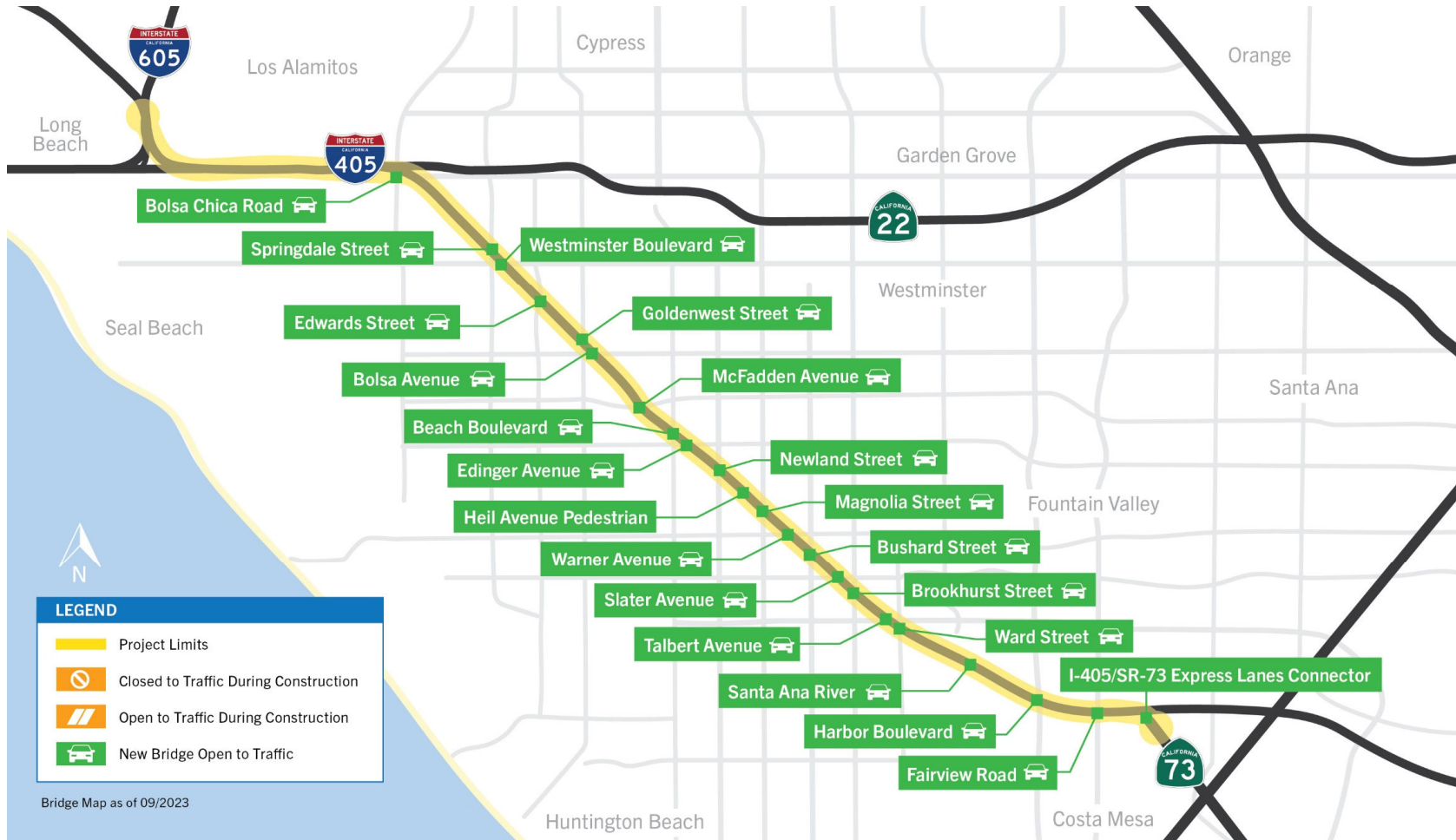
Newland Street bridge complete

Construction Update (Cont.)



Springdale Street bridge complete

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

- Toll Policy finalized
- Initial toll rate schedule established
- Procurement for Freeway Service Patrol services completed

Back-Office System/ Customer Service Center Services

- Selected WSP USA Services, Inc., (WSP) in 2021
- System development continues
- Staffing commenced

Toll Lane System

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

Express Lanes Update (Cont.)



Traffic Operations Center

- Tenant improvements completed
- Furniture and equipment installed
- Staffing being provided by Kapsch

Customer Service Center

- Tenant improvements completed
- Furniture and equipment installed
- Staffing being provided by WSP

Upcoming Agreements

- Enforcement services with the California Highway Patrol
- Maintenance agreement with the California Department of Transportation

Tolling Elements



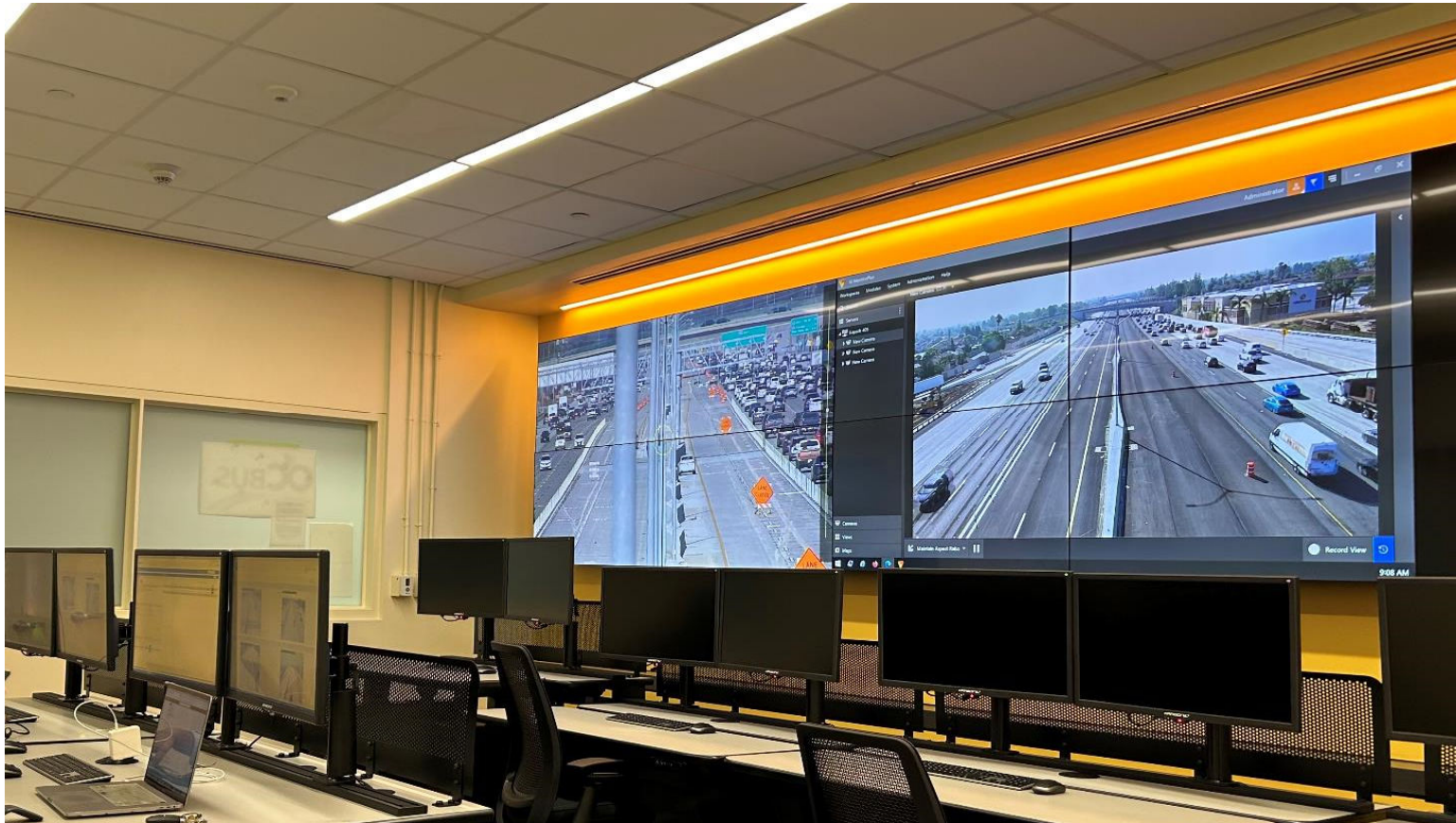
405 Express Lanes tolling elements

Tolling Elements (Cont.)



Express Lanes striping

Tolling Elements (Cont.)



Traffic Operations Center at Santa Ana Bus Base

Next Steps



Milestone	Completion Date
Anticipated opening of all lanes	Late 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

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