Interstate 405 Improvement Project Update
Purpose of the Project

• Reduce congestion;
• Enhance operations;
• Increase mobility, improve trip reliability, maximize throughput, and optimize operations; and
• Minimize environmental impacts and right of way (ROW) acquisition.
Existing Condition

I-405 looking northwest at Springdale Street bridge
Project Description
Significant Project Features

• Two new lanes in each direction (one GP and one tolled express lane)

• 18 structure replacements plus new and widened structures

• Interchange reconfigurations

• Auxiliary lane improvements

• Arterial improvements

• Drainage improvements

• Anticipated 6-year design-build contract duration

• Overall programmatic cost is $1.9 billion
Express Lanes

• Dedicated, separated lanes in freeway median
• Provides the choice to pay a toll for a reliable, predictable trip at free-flow speed
• Reduce demand in regular lanes
• In operation 24-hours a day, 7-days a week
• FasTrak account and transponder required to use Express Lanes
• Pre-set toll prices that vary throughout the day based on congestion
• No toll booths
### Background

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

* TIFIA = Transportation Infrastructure Finance and Innovation Act
Stakeholders

- California Department of Transportation
- Federal Highway Administration
- Costa Mesa, Fountain Valley, Westminster, Huntington Beach, Seal Beach
- Over 30 separate utility owners
- Orange County Flood Control District
- Union Pacific Railroad
- Army Corps of Engineers
- U.S. Navy
- Emergency service providers
Project Status

**Design**
- Project design is substantially complete
- Future design refinements allowed in DB process

**Right-of-Way**
- 288 properties impacted – on schedule overall
- 288 properties in possession
- 60 resolutions of necessity adopted by the Board

**Construction**
- Construction approaching 40 percent complete
- Over 1,000 workers involved in the Interstate 405 Improvement Project (Project) each working day
Edinger and Brookhurst demo

Oct 18, 2020 at 12:25:51 AM
I-405 N
Fountain Valley CA 92708
United States
Santa Ana River

Santa Ana River bridge construction
Wall Construction

Wall construction
Oceanview channel construction
Greenville Banning Channel

Jun 23, 2020 at 12:56:37 PM
Greenville-Banning Channel Culvert

Aug 10, 2020 at 11:22:35 AM
Greenville-Banning Channel Culvert
Bolsa 2 Stage

Bolsa Avenue bridge construction
Magnolia 2 Stage

[Images of construction site]
Look Ahead for Bridge Construction

July – December 2020
- Started Heil Avenue pedestrian overcrossing
- McFadden Avenue bridge fully opens to traffic
- Start Edinger Avenue bridge
- Bushard Street fully opens to traffic
- Start Brookhurst Street bridge (first half)
- Westminster Boulevard bridge (first half) opens to traffic

January – June 2021
- Talbert Avenue bridge fully opens to traffic
- Start Ward Street bridge
- Fairview Road bridge (first half) opens to traffic
- Bolsa Avenue bridge (first half) opens to traffic
Project Challenges

• Oversight and approvals from many different agencies and third parties
• Dispute resolution and change management
• Minimizing impacts and disruptions to the public
• Timely performance of third-party utility work
• Schedule impacts and mitigations
• COVID 19
Project Contact Information

Email: 405project@octa.net
Project Helpline: 888.400.8994
Website: www.octa.net/405improvement
Interactive Map: www.octa.net/405map
Facebook: www.facebook.com/405improvement
Twitter: @405improvement
Instagram: www.Instagram.com/405_Improvement
## Upcoming Contract Opportunities

Visit cammnet.octa.net for all upcoming opportunities

<table>
<thead>
<tr>
<th>Project</th>
<th>Service</th>
<th>Approx. Value</th>
<th>Anticipated Release</th>
</tr>
</thead>
<tbody>
<tr>
<td>SR-91 Widening from SR-57 to SR-55 (Segment 3)</td>
<td>PS&amp;E</td>
<td>$5 million</td>
<td>March 9, 2020</td>
</tr>
<tr>
<td>I-605/Katella Interchange PS&amp;E</td>
<td>PS&amp;E</td>
<td>$1.2 million</td>
<td>April 13, 2020</td>
</tr>
<tr>
<td>Detectable Tile Replacement Project</td>
<td>Construction</td>
<td>$1.1 million</td>
<td>April 27, 2020</td>
</tr>
<tr>
<td>I-5/El Toro Interchange Alternatives Study</td>
<td>Study</td>
<td>$150,000</td>
<td>April 27, 2020</td>
</tr>
<tr>
<td>I-5 Widening from Yale Avenue to SR-55 (Segment 2)</td>
<td>PS&amp;E</td>
<td>$8.5 million</td>
<td>June 22, 2020</td>
</tr>
<tr>
<td>I-5 Widening from Avenida Pico to County Line</td>
<td>PA/ED</td>
<td>$4.1 million</td>
<td>June 22, 2020</td>
</tr>
<tr>
<td>Anaheim Canyon Metrolink Station</td>
<td>Construction</td>
<td>$21 million</td>
<td>September 2020</td>
</tr>
<tr>
<td>Irvine Station Improvements Project</td>
<td>Environ., PS&amp;E</td>
<td>$4.4 million</td>
<td>September 2020</td>
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<tr>
<td>SR-55 Widening from I-405 to I-5</td>
<td>CM</td>
<td>$13 million</td>
<td>October 2020</td>
</tr>
<tr>
<td>I-5 Widening from I-405 to Yale Avenue (Segment 1)</td>
<td>PS&amp;E</td>
<td>$9.5 million</td>
<td>December 2020</td>
</tr>
<tr>
<td>Placentia Metrolink Station</td>
<td>Construction</td>
<td>$25 million</td>
<td>January 2020</td>
</tr>
<tr>
<td>NB SR-57 from Orangewood to Katella</td>
<td>PS&amp;E</td>
<td>$3.5 million</td>
<td>January 2021</td>
</tr>
<tr>
<td>SR-55 Improvement from I-5 to SR-91 PS&amp;E</td>
<td>PS&amp;E</td>
<td>$5 million</td>
<td>May 2021</td>
</tr>
<tr>
<td>Transit Security and Operations Center</td>
<td>Construction</td>
<td>$35 million</td>
<td>January 2022</td>
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