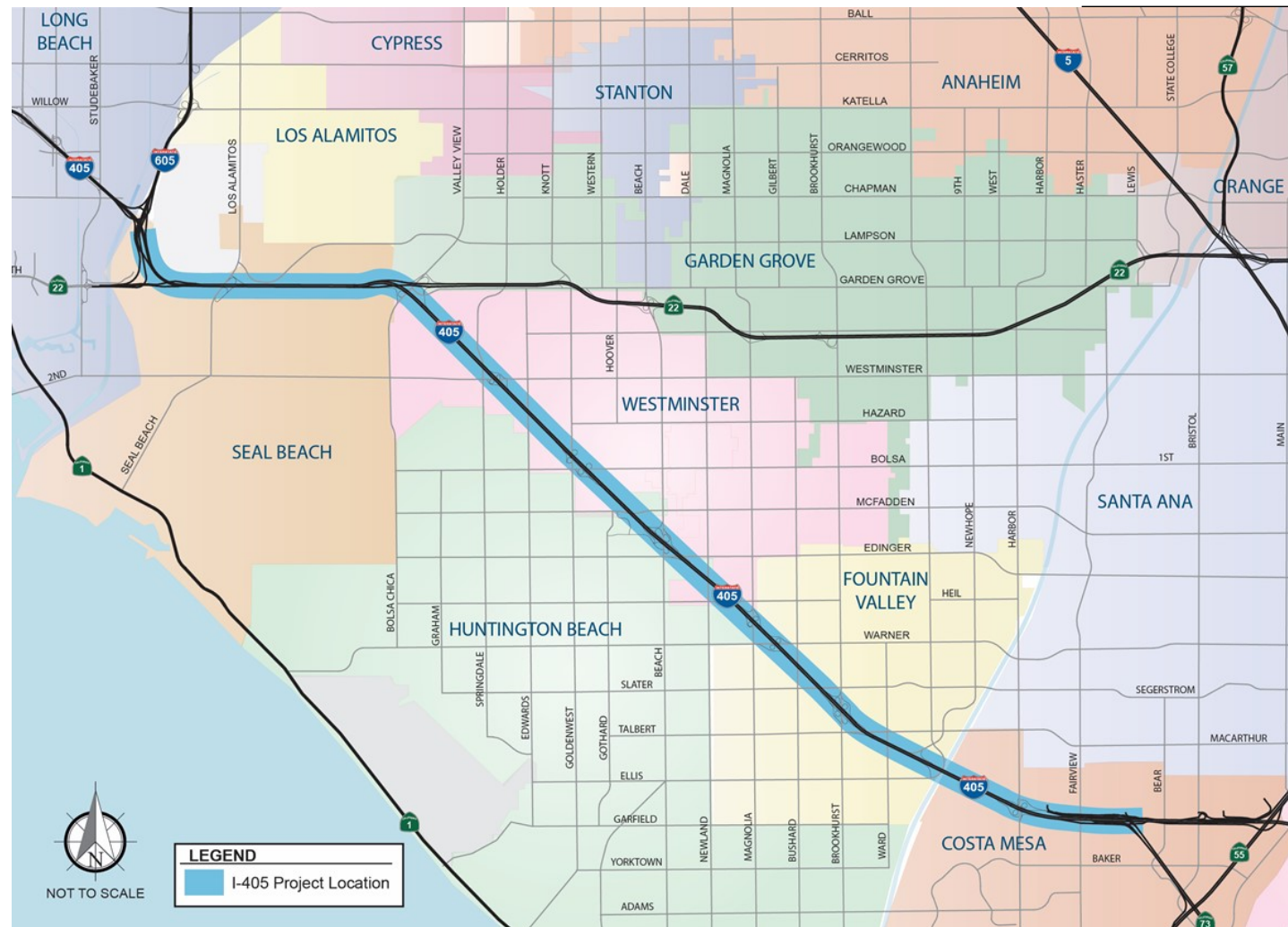




Interstate 405 Improvement Project Update



Project Location and Key Features



Background



Milestone	Completion Date
Environmental clearance	May 2015
Orange County Transportation Authority Board of Directors (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



Design

- Project design approximately 95 percent complete
- Roadway and bridge design complete
- Wall design to be complete in 2020

Right-of-Way

- 288 parcels impacted – on schedule overall
- 288 offers presented
- 281 parcels in possession (98 percent of total parcels needed)
- 60 resolutions of necessity adopted by the Board

Construction

- Construction approximately 25 percent complete
- Design-builder has approximately 700 workers involved in Project

Construction Update



Concrete paving operations

Construction Update



Retaining wall and soundwall construction

Construction Update



Fairview Road bridge and ramp construction

Construction Update



Santa Ana River bridge construction

Construction Update



Bushard Street bridge demolition and construction

Construction Update



Nov 1, 2019 at 4:25:33 AM
Magnolia St
Huntington Beach CA 92708
United States

Magnolia Street bridge construction

Construction Update



Westminster Boulevard bridge construction

Construction Update



Bolsa Chica Road bridge construction

Look Ahead for Bridge Construction



January – June 2020

- Bolsa Chica Road bridge (first half) opens to traffic
- Magnolia Street bridge (first half) opens to traffic

July – December 2020

- McFadden Avenue bridge fully opens to traffic
- Start Heil Avenue pedestrian overcrossing
- Westminster Boulevard bridge (first half) opens to traffic
- Goldenwest Street bridge (first half) opens to traffic
- Fairview Road bridge (first half) opens to traffic
- Freeway bridge widening over Harbor Boulevard complete

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



Previously Implemented		Recently Implemented
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 for archeological discovery within Project site being explored
- Mitigations intended to maintain Project completion date
- To be balanced with minimizing traffic impacts

Community Engagement

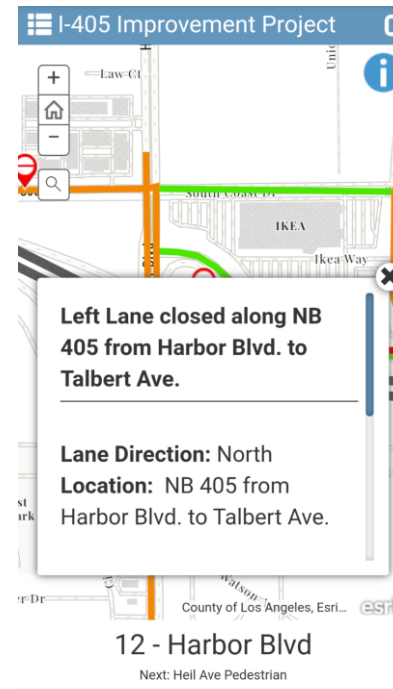


Category	Average per month
Public comments and questions	140 constituents
Flyers	16,000 addresses
Social media reach	150,000 users
Construction emails	8 (10,600 recipients)
Interactive map	1,965 users
Mobile app	1,636 users
Website closures list	504 downloads

Upcoming Outreach



- Phase 2 bridge neighborhood meetings
 - Bolsa Chica Road
 - Magnolia Street
- Milestone events
 - Bolsa Chica Road bridge
 - McFadden Avenue bridge
- City council updates
- Key stakeholder briefings
- Exclusive insider tours
- Culturally relevant outreach
- Community event participation



CONSTRUCTION ALERT Sound Wall Pile Driving Activities

WHAT

Pile driving for the foundation of a new sound wall along SB I-405. Approximately 300 piles will be installed.

WHERE

Along SB I-405, between Talbert and Ward, adjacent to the Tiburon community.

WHEN

Beginning as early as Monday, Oct. 14, 7 a.m. to 4 p.m. weekdays for approximately two months. Crews may also conduct pile installation activities at night.

Dates and times are subject to change due to unforeseen operational factors or inclement weather.

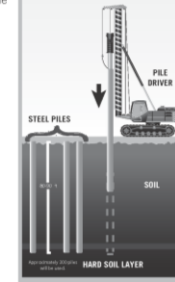
WHY

To construct the foundation of the new sound wall.

Please be advised that this work may be loud.

WHAT IS PILE DRIVING?

Pile driving is a common method of constructing structure foundations. To support the structure, steel or concrete beams or "piles" are driven into the soil until reaching a hard layer of earth beneath the structure foundation.



FOR MORE INFORMATION

PROJECT HELP LINE: 888-400-8894
PROJECT EMAIL: 405@caltrans.ca.gov
WEBSITE: 405.ca.gov/405improvement
FOLLOW US: @405improvement
TWITTER: @405improvement
INSTAGRAM: @405improvement
YOUTUBE: 405improvement

Si prefiere recibir información en español, por favor llame este número 888-400-8894.
Nếu quý vị muốn nhận được thông tin này bằng tiếng Việt, xin vui lòng liên lạc với cơ
Lý Gia 888-662-8569



THỜI GIẠN:

Bắt đầu sớm nhất là vào thứ Hai, ngày 14 tháng 10, từ 7 giờ sáng đến 4 giờ chiều vào các ngày trong tuần trong khoảng hai tháng. Đội ngũ xây dựng cũng có thể tiến hành các hoạt động lắp đặt cọc vào ban đêm.

Ngày và giờ có thể thay đổi do các yếu tố hoạt động không lường trước hoặc do thời tiết khác thường.

LÝ DO:

Để xây dựng nền móng cho bức tường âm môi.

Xin thông báo công việc này có thể gây tiếng động ồn ào.

