

SM 101 EXPRESS LANES PROJECT

Quarterly Project Update



SM C/CAG Board Meeting February 13, 2020



- Construction Progress
- Traffic Impacts
- Public Outreach Plan



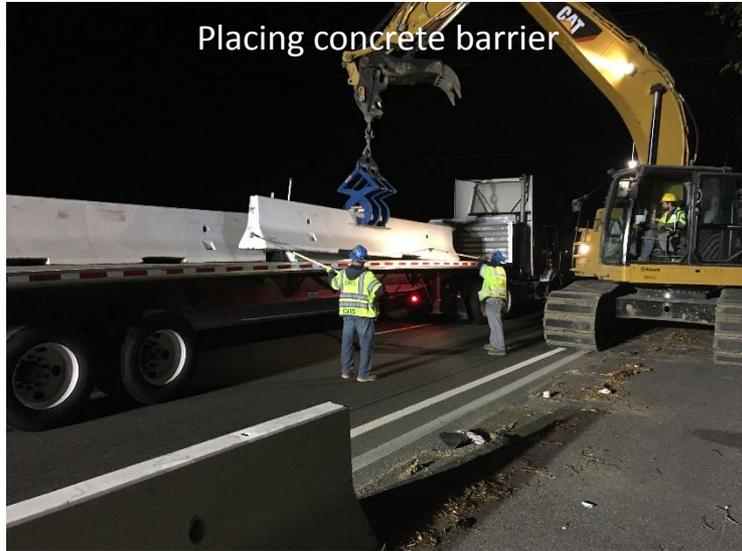
- **Construction Progress**
- Traffic Impacts
- Public Outreach Plan

SM 101 EXPRESS LANES PROJECT PROJECT LIMITS



SM 101 EXPRESS LANES PROJECT

CONSTRUCTION ACTIVITIES COMPLETED



Placing concrete barrier



Pouring barrier foundation



Erecting an express lane sign



Through December, south of Whipple:

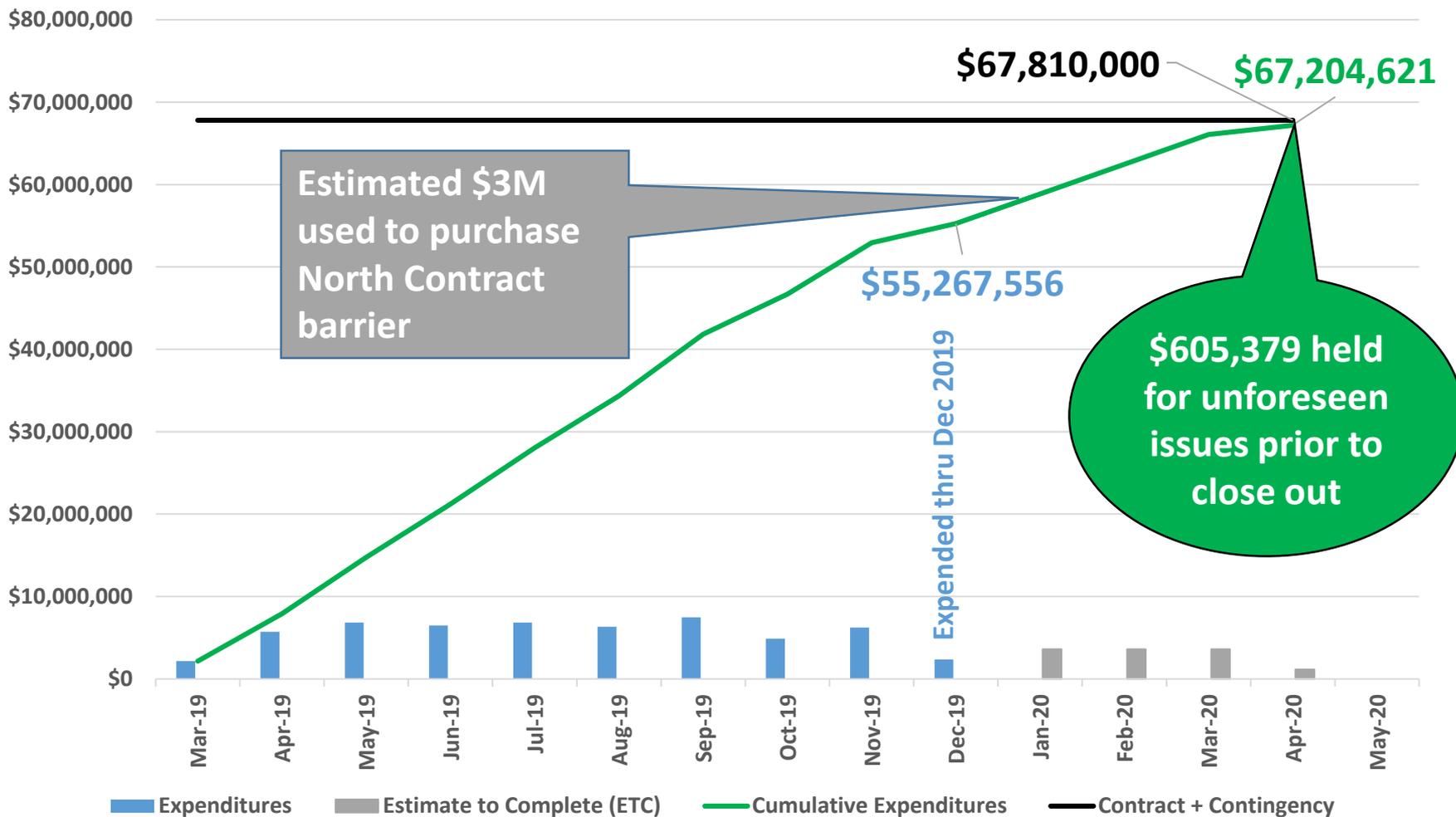
- \$54.8M of work completed (89%)
 - 26 signs installed
 - 2+ miles of concrete barrier constructed
 - 28+ miles of conduit placed
 - 17.4 miles of fiber optic cable installed
- Substantial civil construction completion anticipated February 2020

SM 101 EXPRESS LANES PROJECT

CONSTRUCTION ACTIVITIES COMPLETED - COST

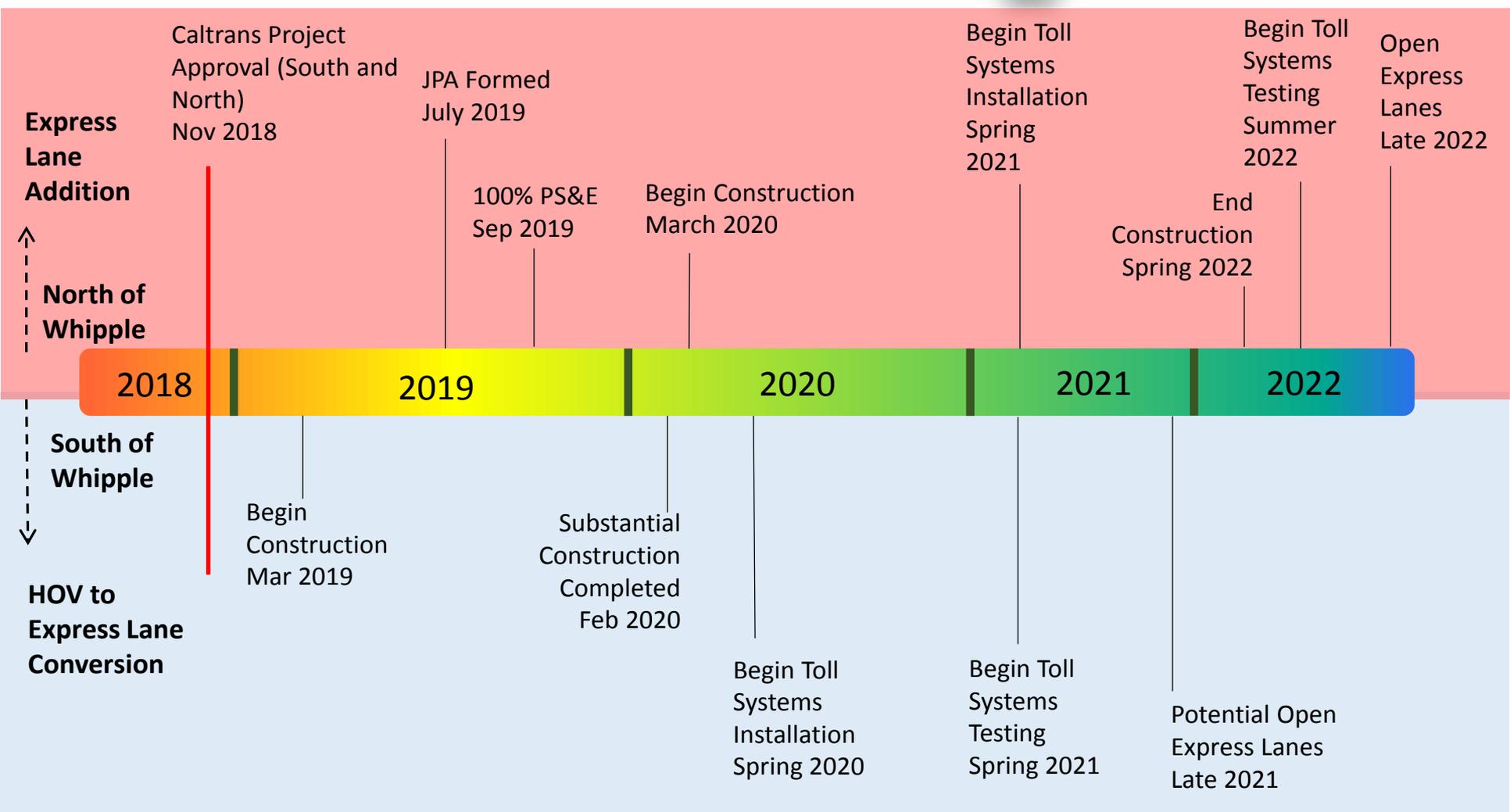


SM-101 Express Lanes South Contract Expenditures



SM 101 EXPRESS LANES PROJECT

PROJECT SCHEDULE



SM 101 EXPRESS LANES PROJECT NORTHERN SEGMENT CONSTRUCTION



Cities:

- Redwood City
- San Carlos
- Belmont
- Foster City
- San Mateo
- Burlingame
- Hillsborough
- Millbrae
- San Bruno
- South San Francisco

Minor Work in:

- East Palo Alto
- Menlo Park
- Palo Alto

Noticeable Construction Activities:

- Vegetation removal in Caltrans right-of-way
- Sound wall removal/reconstruction
- Sewer line relocation
- PG&E and AT&T service work
- Pavement removal
- Grading and paving
- Pile driving and drilling
- Concrete barrier removal and reconstruction
- Replacement planting



In February and March,

- **South of Whipple:**

- Toll System 65% design wraps up
- Final striping (night work)

- **North of Whipple:**

- Install fencing around Environmentally Sensitive Areas
- Tree and other vegetation removal (day work) and hauling (night work)
- Concrete barrier moved into working position (night work)
- Restriping of the entire corridor (night work)
- Begin sewer relocation at Dore Ave. off-ramp
- Begin sound wall demolition between Newbridge Ave. and Beacon Ave. in San Mateo

SM 101 EXPRESS LANES PROJECT

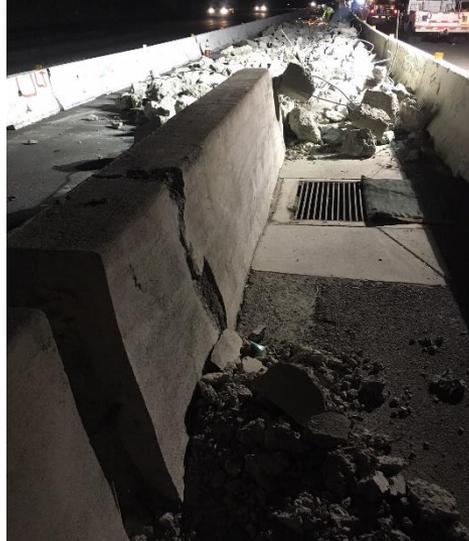
CONSTRUCTION ACTIVITIES UPCOMING



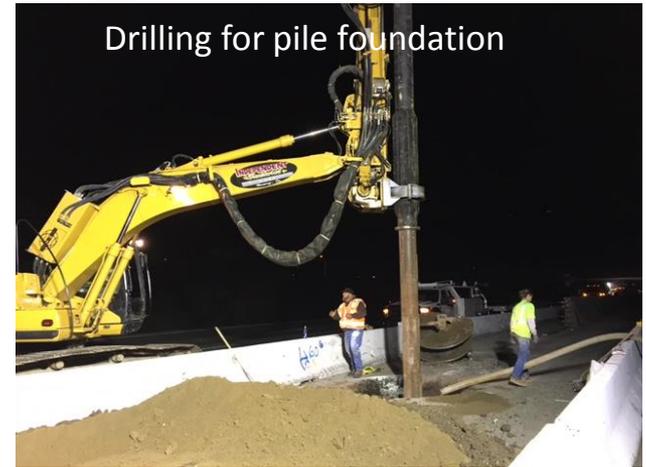
Sound wall demolition



Remove existing barrier



Drilling for pile foundation



Installing sign foundation rebar



Installing sign foundation rebar



Machine creation of new barrier



SM 101 EXPRESS LANES PROJECT

CURRENT PROJECT COST



		in \$millions
	Budget	Estimate
Environmental, Design & ROW	\$ 64.5	\$ 64.5
South Civil Contract	\$ 74.8	\$ 74.8
North Civil Contract	\$ 388.7	\$ 388.7
Highway Planting	\$ 4.8	\$ 4.8
Toll System Contract	\$ 45.0	\$ 45.0
Toll System Early Opening	<u>\$ 3.1</u>	<u>\$ 3.1</u>
	\$ 580.9	\$ 580.9

SM 101 EXPRESS LANES PROJECT



- Construction Progress
- **Traffic Impacts**
- Public Outreach Plan



Cities:

- Redwood City
- San Carlos
- Belmont
- Foster City
- San Mateo
- Burlingame
- Hillsborough
- Millbrae
- San Bruno
- South San Francisco

Minor Work in:

- East Palo Alto
- Menlo Park
- Palo Alto

Temporary Freeway & Street Closures:

- Nighttime freeway lane closures
 - Sunday through Thursday night,
 - starting as early as 9:00pm and
 - ending no later than 5:30am
- Ramp closures
- Local street lane closures
- Traffic impacts to/from SFO
 - 9:00pm to 1:30am for the duration of the project
- Six overnight full freeway closures (2021)

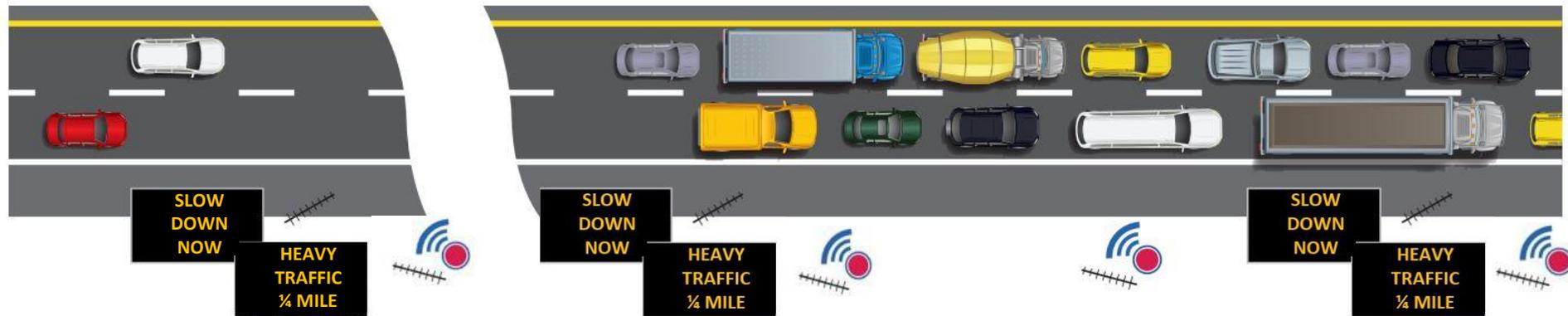


Project goal: avoid delays before 9PM and after 6AM.

Anticipated Project-related Freeway Delays

- Nightly delays 9 PM to 1:30 AM (some in excess of 25 mins.)
- Delays more than 15 minutes are not anticipated between 1:30 AM - 5 AM
- Construction delays are anticipated to be cleared by 6 AM
- Real-time delay information will be displayed on portable changeable message signs on the freeway
- Weekly construction emails will describe lane closures

SM 101 EXPRESS LANES PROJECT TRAFFIC INFORMATION SYSTEM



- Caltrans will install 42 sensors to monitor traffic along the project corridor
- Real-time traffic information will be displayed on 30 changeable message signs (i.e. delay times, congestion points, etc.)
- Displayed messages from 9:00 p.m. to 5:30 a.m. will vary throughout the corridor based on the location of the congestion

SM 101 EXPRESS LANES PROJECT

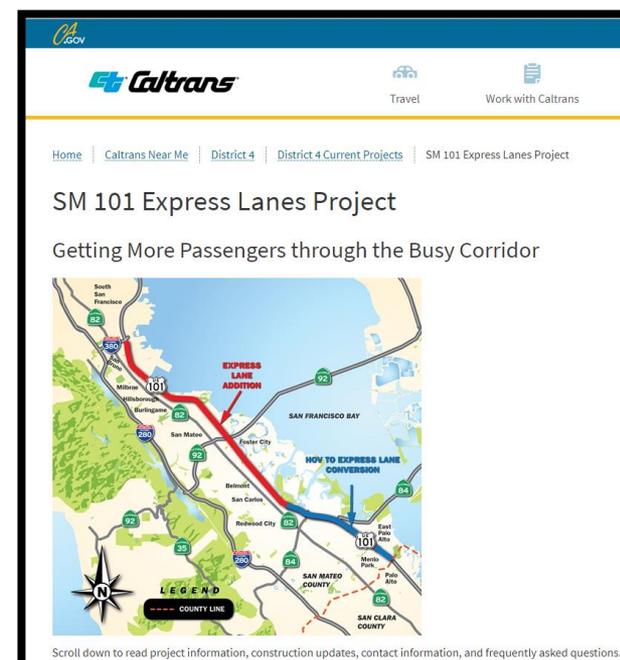
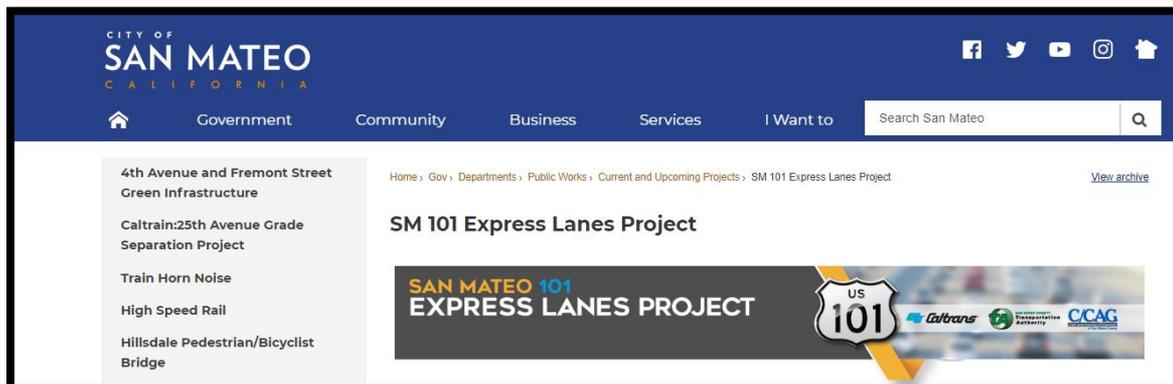


- Construction Progress
- Traffic Impacts
- **Public Outreach Plan**

SM 101 EXPRESS LANES PROJECT CONSTRUCTION OUTREACH TO DATE



- 4 meetings with the C/CAG TAC
- Meetings with city staff of all corridor cities including public works and public outreach/communications
- Meetings with transportation committees for business groups
- Ongoing e-mail, website, and social media updates



SM 101 EXPRESS LANES PROJECT



PROJECT WEBSITE

- New website address (101express.com)
- Will include:
 - upcoming construction information,
 - project fact sheet
 - Caltrans PIO contact information
 - weekly construction updates
 - project FAQs
 - project documents

SM 101 EXPRESS LANES PROJECT
HOW AN EXPRESS LANE OPERATES

US 101

Caltrans TA C/CAG

WHAT IS AN EXPRESS LANE?

SM 101 EXPRESS LANES PROJECT CONSTRUCTION PUBLIC OUTREACH PLAN



Press Releases/Traffic Advisories:

- Jan. 2020 and Feb. 2020 (leading up to 1st lane closure)

Radio ads:

- KCBS, KBRG (Spanish), KEST (Cantonese and Mandarin)

Signage:

- Caltrans freeway overhead changeable message signs that point to 511.org
- Ramp closure notification on ramps posted to changeable message signs two weeks in advance of closures and
- “Under Construction” banners that point to 511.org on installed signs (under consideration by Caltrans)

Door Hangers:

- Posted in neighborhood prior to sound wall demolition



- Northern Segment construction Traffic Advisory posted January 15th to Caltrans District 4 website
 - Announcement of upcoming construction, lane closure hours, Caltrans Smart Traffic System information, and vegetation removal information
- Second Northern Segment announcement as Press Release and Traffic Advisory anticipated mid-February, just prior to start of construction
 - Announcement of construction start, traffic delay information, project activities, and overall construction schedule

SM 101 EXPRESS LANES PROJECT

RADIO ADS



- Targeted to increase profile of project, including potential for traffic delays; promote website for more information
- 15 second ads starting before first 9 p.m. lane closure
 - Will run from Feb. 5 through Feb. 26
 - On KCBS and KBRG (Spanish) 8:00 p.m. to 5 a.m. Sun. through Thurs. nights
 - On KEST (Mandarin) 4 p.m. to 7 p.m. Mon. to Thurs.
 - On KEST (Cantonese) 7 p.m. to 10 p.m. Mon. to Thurs.

SM 101 EXPRESS LANES PROJECT CONSTRUCTION PUBLIC OUTREACH PLAN



Weekly construction emails:

- Construction information; ramp closure details
- Emailed to those signed up on the project email list; posted to website

Quarterly project updates (Newsletter & Board Presentations):

- Project overview and long-range updates
- Emailed to Elected Officials, City Officials, and to those signed up on the project email list; posted to website

Other communications:

- Established key contacts and preferred distribution tools related to each city
- Public alerts via social media (Twitter, Facebook, etc.)

SM 101 EXPRESS LANES PROJECT

CONSTRUCTION UPDATE VIA E-MAIL



Project construction is underway! Caltrans is constructing express lanes on U.S. 101 from I-380 in San Bruno to the San Mateo County/Santa Clara County border. Construction activities have begun in Palo Alto and will continue northward to South San Francisco. Construction is expected to occur between 2019 and 2022.

STAY CONNECTED! Caltrans has launched a new website with [enhanced digital accessibility](#). Check out the new [SM 101 Express Lanes Project Webpage](#).

Construction Update

During the month of August, construction activities will continue along US 101 from the San Mateo County/ Santa Clara County border to US 101/ Whipple Avenue and will include lane closures on the freeway, some freeway ramps, and some local City streets next to the freeway.

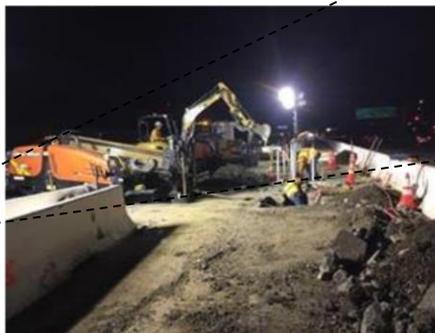
Freeway Work: Intermittent lane closures will continue on northbound and southbound US 101 from 10 p.m. to 5 a.m., excluding Friday and Saturday nights. During lane closures, at least one lane will remain open at all times.

Freeway work includes:

- installing freeway sign foundations
- demolishing portions of the existing median barrier
- installing new median barrier
- installing drainage systems

Ramps: Work on the freeway ramps will continue periodically for restriping and installing temporary traffic monitoring equipment. This work may require temporary, nightly ramp closures in Palo Alto and East Palo Alto. Ramp closures:

- will be displayed on changeable message signs



Construction crews boring in freeway median to prepare for electrical connections

Ramps: Work on the freeway ramps will continue periodically for restriping and installing temporary traffic monitoring equipment. This work may require temporary, nightly ramp closures in Palo Alto and East Palo Alto. Ramp closures:

- will be displayed on changeable message signs
- will take place at night
- will last 3 to 8 hours
- will reopen by 5 a.m. daily
- will have detour signs posted

Those interested can sign up for regular Construction Updates e-mails at the new **SM 101 Express Lanes Project Webpage!**

101express.com

SM 101
EXPRESS LANES PROJECT
CONSTRUCTION UPDATES AND INFORMATION



- For more information on the project, visit 101express.com
- To sign up for updates, email 101express@dot.ca.gov with “Weekly” or “Quarterly” in the subject line.
- To ask a question about the project, contact:
 - Caltrans PIO, Alejandro Lopez, (510) 286-4948, 101express@dot.ca.gov
 - Public Outreach Coordinator, Catherine Clark, (510) 874-1756, Catherine.L.Clark@aecom.com



Questions?