• Project Progress
• Construction Interface with Local Communities
• Traffic impacts
• Public Outreach Plan
• Cost Update
• Project Progress
• Construction Interface with Local Communities
• Traffic impacts
• Public Outreach Plan
• Cost Update
• South of Whipple:
  ▪ HOV to Express Lane conversion construction began March 2019
  ▪ Substantial civil construction completion anticipated February 2020
  ▪ Toll System 65% design is underway

• North of Whipple:
  ▪ 100% Design Plans for new lanes completed September 30th
  ▪ Construction targeted to begin in early January
  ▪ Toll System design will begin in February
SM 101 EXPRESS LANES PROJECT
CONSTRUCTION ACTIVITIES
• Project Progress

• **Construction Interface with Local Communities**
  • Traffic impacts
  • Public Outreach Plan
  • Cost Update
CONSTRUCTION PERIOD:
Jan - Aug, 2020

NOTE: Dashed Segments indicate shoulder work; Solid Segments indicate median work.
CONSTRUCTION PERIOD:
Sep, 2020 - Jan, 2022

NOTE: Dashed Segments indicate shoulder work; Solid Segments indicate median work.
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:

- Sound wall removal/reconstruction
- Sewer line relocation
- Vegetation removal
- Replacement planting
- PG&E and AT&T service work
- Creating a soil berm from excavated soils containing Aerially Deposited Lead (ADL) in State’s ROW
- Constructing additional lanes
- Replacing existing auxiliary lanes
SM 101
EXPRESS LANES PROJECT
TREE REMOVAL NEAR HILLSDALE RESIDENCES

City of San Mateo
SM 101 EXPRESS LANES PROJECT

VEGETATION REMOVAL NEAR HOLLY

City of San Carlos
• Project Progress
• Construction Interface with Local Communities
• Traffic impacts
• Public Outreach Plan
• Cost Update
IMPACTS TO MOTORISTS

• Nighttime freeway lane closures, starting as early as 9:00 p.m. and ending as late at 6:00 a.m.
• Temporary ramp closures
• Temporary local roadway lane closures
• Full freeway closures (2021)

Cities:
- Redwood City
- San Carlos
- Belmont
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- Burlingame
- Hillsborough
- Millbrae
- San Bruno
- South San Francisco

Minor Work in:
- East Palo Alto
- Menlo Park
- Palo Alto
Criteria for Detour Development

• Have drivers pass intended ramp or turn so they “catch” the detour signing
• Use State Routes whenever possible
• Avoid use of residential streets
• Pick routes with greatest capacity (rights over lefts)
• Accommodate city staff input
• Project Progress
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• Public Outreach Plan
• Cost Update
• Survey to City Outreach contacts to verify appropriate Public Outreach contacts and level of outreach desired
• Quarterly “newsletter” distributed via email to Elected Officials, City Officials, etc.
• Focused information to cities to distribute as requested
• Weekly construction information, including ramp closure details, emailed to those signed up on the project email list and posted to website
• Community meeting(s) in San Mateo neighborhood with wall and sewer work
• Ramp closure notification on ramps posted two weeks in advance of closures
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
  - 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**!

https://dot.ca.gov/caltrans-near-me/district-4/d4-projects/d4-sm-101-express-lane-project
• Project Progress
• Construction Interface with Local Communities
• Traffic impacts
• Public Outreach Plan
• Cost Update
<table>
<thead>
<tr>
<th>Year</th>
<th>Month</th>
<th>Estimate Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>May</td>
<td>Full funding of $514.3 secured</td>
</tr>
<tr>
<td></td>
<td>November</td>
<td>Project Report approved</td>
</tr>
<tr>
<td></td>
<td>November</td>
<td>Initial Toll System estimate</td>
</tr>
<tr>
<td>2019</td>
<td>March</td>
<td>Toll System owner determination</td>
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<tr>
<td></td>
<td>June</td>
<td>Toll System estimate with BAIFIA</td>
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<td></td>
<td>November</td>
<td>Final construction cost estimate</td>
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<tr>
<td>2020</td>
<td>May</td>
<td>Final So. Segment Toll System Cost estimate</td>
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<tr>
<td></td>
<td>August</td>
<td>Final No. Segment Toll System Cost estimate</td>
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<tr>
<td>Project</td>
<td>Budget*</td>
<td>Added SHOPP</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>Environmental, Design &amp; ROW</td>
<td>$ 64.5</td>
<td>$ 0</td>
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<tr>
<td>South Civil Contract</td>
<td>$ 74.8</td>
<td>$ 0</td>
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<tr>
<td>North Civil Contract</td>
<td>$ 343.6</td>
<td>$ 33.1</td>
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<tr>
<td>Toll System Contract</td>
<td>$ 26.6</td>
<td>$ 0</td>
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<tr>
<td>Highway Planting</td>
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<td>$ 0</td>
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<td></td>
<td>$ 514.3</td>
<td>$ 33.1</td>
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*Project Report estimate contingency was 12% Civil.
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<tr>
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<th>Estimate</th>
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<td>North Civil Contract</td>
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<td>Toll System Contract</td>
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<tr>
<td>Toll System Early Opening</td>
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<td>$3.1</td>
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</tbody>
</table>

$547.4 | $580.9 | $33.5

* This estimate includes contingencies of 8% Civil and 15% Toll System.
## North Civil Contract

<table>
<thead>
<tr>
<th>Risk Contingency</th>
<th>• Additional contingency to address price risk. All other adds have been offset by Value Engineering, the SHOPP add, and negotiations.</th>
<th>$12M</th>
</tr>
</thead>
</table>

### Toll System Contract – breakdown of additional $18.4M

| Changes from initial estimate                                                    | • Cost estimate was a mileage comparison cost based upon other Bay Area express lanes.  
|---------------------------------------------------------------------------------| • **Now includes**: known quantities, higher labor costs, lessons learned from 880, and technology upgrades. | $4.5M |
| Added costs                                                                      | • In absence of the owner and operator, these costs were not quantified at the time of funding.  
|                                                                                 | • **Now includes**: 101 back office upgrades, before/after traffic studies, customer education, network communications design. | $8.1M |
| Contingency                                                                      | • Contingency to cover unforeseen increases with preliminary estimate. | $5.8M |
# Additional Project Costs

<table>
<thead>
<tr>
<th>Description</th>
<th>Loan Amount</th>
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<tbody>
<tr>
<td>North contract risk contingency</td>
<td>$ 12.0</td>
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<tr>
<td>Toll System contract</td>
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<td>Southern Segment Opening</td>
<td>$ 3.1</td>
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<tr>
<td>Subtotal of additional project costs</td>
<td>$ 33.5</td>
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</table>

# Additional Corridor Costs

<table>
<thead>
<tr>
<th>Description</th>
<th>Loan Amount</th>
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<tbody>
<tr>
<td>Holly I/C Project Conflict</td>
<td>$ 1.3</td>
</tr>
<tr>
<td>Toll System O&amp;M (1(^{st}) Year @ 33%)</td>
<td>$ 4.7</td>
</tr>
<tr>
<td>Subtotal of additional corridor costs</td>
<td>$ 6.0</td>
</tr>
</tbody>
</table>

# Total Loan Amount

| Loan Amount | $ 39.5 |
Questions?

Stay informed -
sign up to receive construction updates by e-mail.

https://dot.ca.gov/caltrans-near-me/district-4/d4-projects/d4-san-mateo-101-express-lane-project