

SM 101 EXPRESS LANES PROJECT



California Transportation Commission, August 14, 2019

SM 101
EXPRESS LANES PROJECT
PURPOSE OF THE CTC APPLICATION



San Mateo County Express Lanes Joint Powers Authority (JPA)
is applying to operate

a high-occupancy toll facility on

US 101 in San Mateo County

under Streets and Highways Code Section 149.7,
as amended by Assembly Bill (AB) 194.

SM 101 EXPRESS LANES PROJECT

PARTNERS IN DELIVERY OF CAPITAL PROJECT



Highway
Construction
Lead Agency

Toll System
Lead Agency

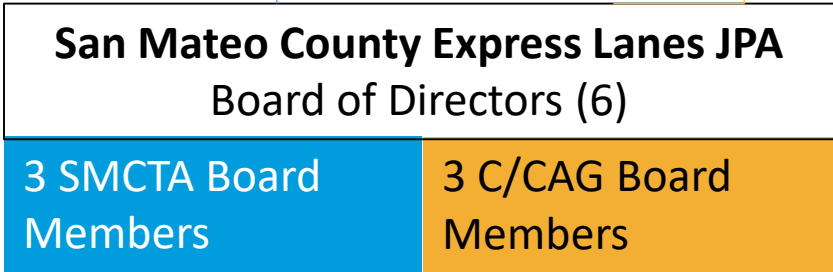
Integrated Project
Delivery Team

SM 101 EXPRESS LANES PROJECT JOINT POWERS AUTHORITY



SMCTA Board of Directors (7)

C/CAG Board of Directors (23)



**JPA contracts with BAIFA to
operate express lanes in San
Mateo County**

SM 101 EXPRESS LANES PROJECT

THE PROBLEM



The congestion on 101 will grow worse.

Jobs, housing
and
population
continues to
grow!



Without the project,
there is no
incentive to
share a ride
and cars will
avoid the
freeway,
clogging local
city streets

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PROJECT PURPOSE



- Encourage carpooling and transit use.
- Improve travel-time reliability for HOV/express lane users.
- Increase person throughput (number of people moved)
- Apply technology and/or design features to help manage traffic.
- Reduce congestion in the corridor.
- Minimize operational degradation of the general purpose lanes.

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PROJECT LIMITS



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PROJECT FEATURES



- HOV lanes converted to express lanes from the Santa Clara County line to Whipple Avenue.
- An additional lane in each direction created from Whipple Avenue to I-380.
- Overhead tolling signage and other equipment added throughout the corridor.
- Additional highway lighting added to mitigate design exceptions applied to avoid taking homes/businesses.
 - Reduction of lanes from 12' to 11'
 - Ramp shoulder reduced from 8' to 2'
 - Inside shoulder (median) reduced from 10' to 2'

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PROJECT SCHEDULE



- Project is being delivered with three contracts:
- Conversion of existing HOV south of Whipple Avenue – scheduled complete Spring 2020
 - Additional lane north of Whipple Avenue – scheduled to start Spring 2020 to Spring 2022
 - Toll system design & installation – Spring 2020 – Late 2022
 - Project completion slated for Late 2022

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MINIMUM ELIGIBILITY CRITERIA



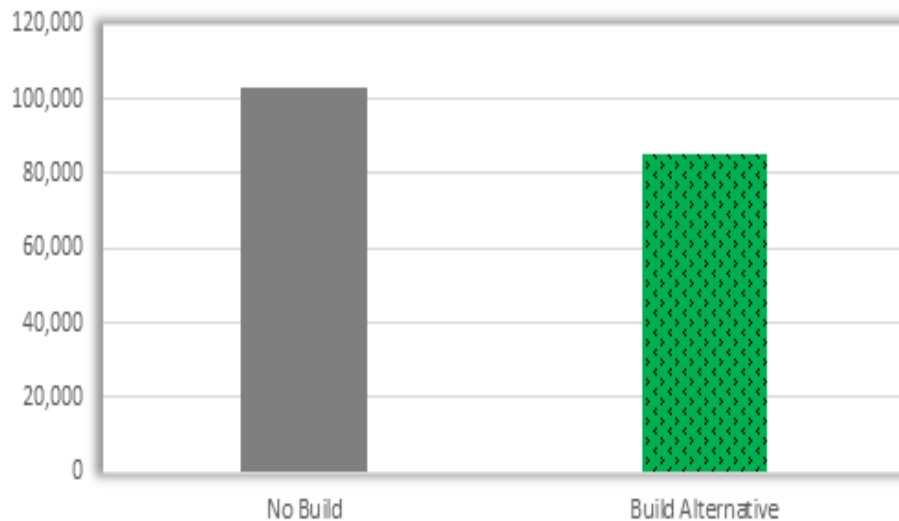
The proposed US 101 toll facility meets the requirements of Streets and Highways Code Section 149.7

- The proposed toll facility will improve the corridor's performance.
- The project is contained in the regional transportation plan, prepared pursuant to Section 65080 of the Government Code.
- Caltrans, SMCTA, and C/CAG have cooperated extensively on development of the project.
- A Supplemental Project Study Report/Project Development Support was approved on June 3, 2016. The PSR/PDS serves as the Project Initiation Document for the Project.
- There is a full funding plan in place.

SM 101 EXPRESS LANES PROJECT METRICS

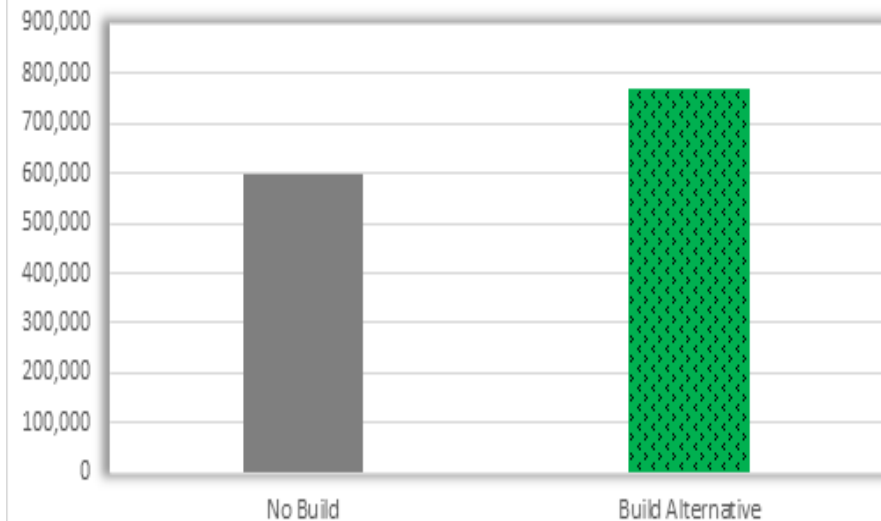


Vehicle Hours Delay (VHD) Comparison



- Improves travel time and reliability for all vehicles.
- Minimizes operational degradation of general purpose lanes.
- Reduces congestion and delay.

Person Throughput Comparison

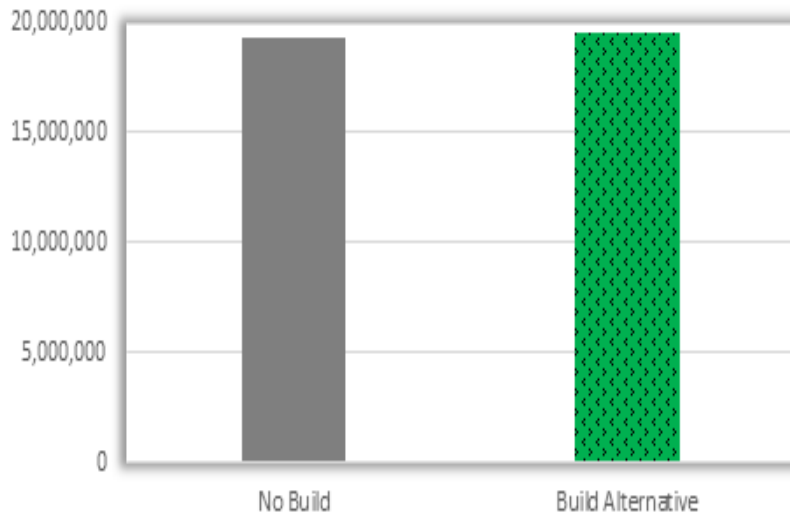


- Increases vehicle and person throughput in the corridor.
- Encourages carpooling, vanpooling and transit use.

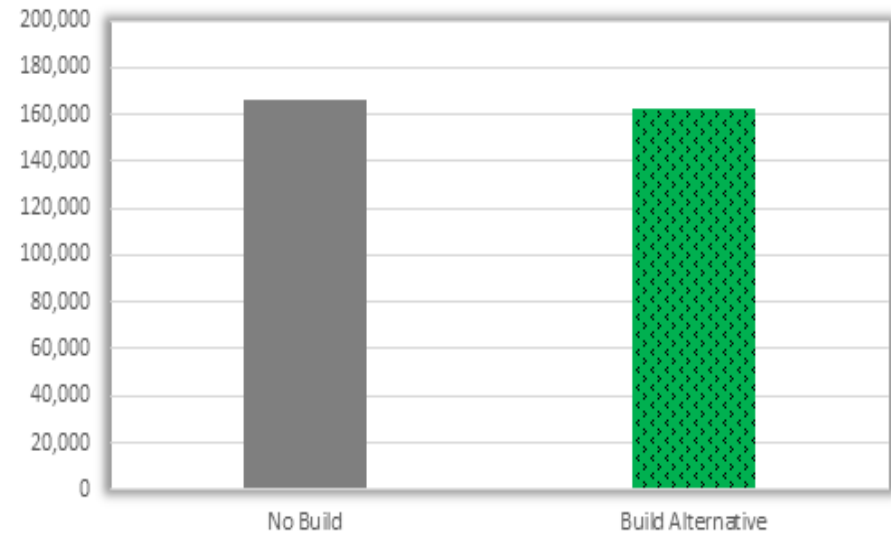
SM 101 EXPRESS LANES PROJECT METRICS



Daily Vehicle Miles Traveled (VMT) Comparison



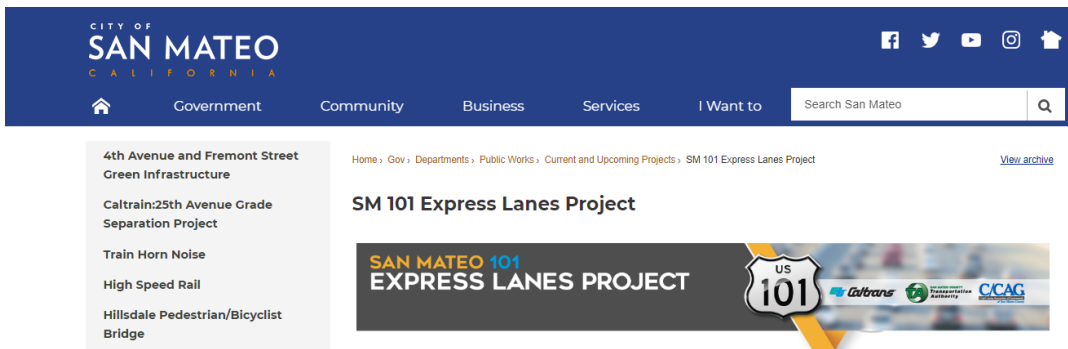
Vehicle Hours Traveled (VHT) Comparison



SM 101 EXPRESS LANES PROJECT PUBLIC OUTREACH



- 8 public meetings
- 135 written public comments
- 30 stakeholder meetings with 9 Cities and 2 Counties
- Ongoing e-mail updates to 200+ subscribers
- 6 newspaper advertisements
- Website and social media



Scroll down to read project information, construction updates, contact information, and frequently asked questions.

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Thank you