



DISCUSSION ITEMS

Agenda Item # 4

AGENDA REPORT SUMMARY

Meeting Date: April 9, 2019

Subject: Appointment of County of Santa Clara – Expressway Policy Advisory Board (PAB) Member

Prepared by: Aida Fairman, Interim Engineering Services Director

Approved by: Chris Jordan, City Manager

Attachment(s):

1. DRAFT – 2016 Measure B Expressway Implementation Prioritization Matrix

Initiated by:

County of Santa Clara – Roads & Airports Department

Previous Council Consideration:

Previous City of Los Altos - County Expressway PAB Member was Councilmember Satterlee

Fiscal Impact:

None

Environmental Review:

Not applicable

Policy Question(s) for Council Consideration:

- Which Los Altos City Councilmember should be appointed to the County of Santa Clara – Expressway Policy Advisory Board?

Summary:

- The County of Santa Clara has a Policy Advisory Board consisting of councilmembers from each of the local agencies within the County and a Technical Working Group consisting of Public Works and Transportation Officials from staff at each local agency
- The Policy Advisory Board and Technical Working Group are responsible for advising the County on project expenditures related to the implementation of the 2016 Measure B Program
- The Policy Advisory Board last met on August 29, 2016
- With the release of funding in the 2016 Measure B Program funding, the County of Santa Clara will be immediately receiving approximately \$50M and will solicit input from both the Policy Advisory Board on an upcoming meeting in May 2019 (exact date not confirmed). The Technical Working Group met on March 18, 2019 to review the County's project Prioritization Matrix. The Policy Advisory Board will be presented the Prioritization Matrix at its May 2019 meeting

Reviewed By:

City Manager

CJ

City Attorney

CD

Finance Director

SE



Subject: Appointment of County of Santa Clara – Expressway Policy Advisory Board (PAB)
Member

Staff Recommendation:

Appoint a Councilmember to the County of Santa Clara – Expressway Policy Advisory Board (PAB)



Subject: Appointment of County of Santa Clara – Expressway Policy Advisory Board (PAB) Member

Purpose

To update the City Council on the status of the County of Santa Clara advisory bodies related to expenditures from the 2016 Measure B Program on County Expressways and to request that the City Council appoint a new County Expressway Policy Advisory Board Member.

Background

The County of Santa Clara will immediately receive an estimated \$50M from the 2016 Measure B half-cent sales tax. The \$50M are allocated towards 21 specific projects within the expressways system that currently total \$738.8M over the 30-year life of the sales tax. The County of Santa Clara established two advisory bodies to help the County prioritize projects and advise on technical elements related to project implementation. The two advisory bodies include:

- 1) Policy Advisory Board (PAB)
The Expressway PAB is made up of elected officials from each local agency within the County. The Expressway PAB provides direct recommendations to the Board of Directors regarding prioritization and expenditures related to the 2016 Measure B program.
- 2) Technical Working Group (TWG)
The Expressway TWG is made up of public works and transportation officials from each of the local agencies. The Expressway TWG helps to advise the County on recommendations made to the Expressway PAB and on technical details regarding each of the expressway projects.

Discussion/Analysis

The Expressway TWG met on March 18, 2019 at the request of the County to solicit input on project implementation screening criteria and prioritization recommendations developed by the County of Santa Clara, including:

- ***Project readiness***
- Complexity (i.e. grade separations, permits, right-of-way needs)
- Geographic balance and public impact (disruption)
- ***Timing of other funding sources***
- Safety
- Public support
- Gap Closure
- (Acute) Congestion Relief
- Project duration (i.e. extended planning/design construction period)



Subject: Appointment of County of Santa Clara – Expressway Policy Advisory Board (PAB) Member

Projects that have continued to advance through the planning and design phases since 2016 and with secured outside funding sources are recommended for prioritization through the project selection process by the County of Santa Clara to help ensure that “shovel ready” projects can move forward quickly to help show advancement in the implementation of the 2016 Measure B Program.

In the Draft Prioritization Matrix prepared by the County of Santa Clara, two projects are currently recommended for advancement by the County:

1) Foothill Expressway Auxiliary Lane Project, El Monte Avenue to San Antonio Avenue

This is the #1 Priority Project recommended by the County of Santa Clara for implementation as part of the 2016 Measure B Program. The City of Los Altos supported this project with an advancement in the amount of \$512,000 to the County in **FY 2017-18** using a combination of City traffic impact fees and funds from the Vehicle Registration Fee (VRF) programs. The City allocated these funds to help provide projects that include additional pedestrian enhancements.

2) Foothill Expressway Auxiliary Lane, Homestead Road to I-280 Interchange

Design of this project has not started as the County due to constraints in several of the prioritization criteria including lack of additional outside funding, right-of-way constraints due to adjacent private commercial properties, and permits with outside agencies include the California Department of Transportation – Caltrans.

This project is still slated for implementation as part of the 2016 Measure B Program but it may be implemented later in the 30-year program.

The County has asked the City to assign an Expressway Policy Advisory Member to help approve and advocate for funding allocations for these projects. The Expressway Policy Advisory Board is anticipated to meet every two (2) years or as needed to help prioritize projects and advance recommendations on expenditures to the County of Santa Clara – Board of Supervisors.

During the Expressway TWG, staff from the City of Los Altos identified the following items that require additional consideration and discussion by the Expressway Policy Advisory Board:



Subject: Appointment of County of Santa Clara – Expressway Policy Advisory Board (PAB) Member

- Project Cost Estimates

The project cost estimates provided by the County of Santa Clara for the 2016 Measure B program are now 3-4 years old and likely all under estimated compared to construction costs in today's construction market. The County needs to be more transparent regarding how it plans to close the funding gaps on the “shovel ready” projects should the construction bids exceed the available funding for each project.

In the case of the Foothill Expressway Auxiliary Lane Project, El Monte Avenue to San Antonio Road, the County staff has already indicated that it will seek funding from the City of Los Altos to help close the gap in award of construction contracts. City staff indicated to the County of Santa Clara that it may not have any additional funding with its CIP or TIF programs to allocate the County any additional funding beyond the \$512,000 already provided to the County. The City recommends that the County have a plan in place to close the funding gap on projects when they are ready for construction award that does not leave projects with slated for later implementation, unfunded.

- Mobility Enhancements Design Standards

The County of Santa Clara currently lacks a policy that allows the County to consider the use of now industry standard design treatments to help improve bicycle and pedestrian mobility, such as the use of green bicycle lane treatments, green bike boxes at signalized intersections to help prioritize bicyclists position at a traffic signal, and high visibility pavement markings, signage and vehicle deflection treatments to help improve pedestrian safety.

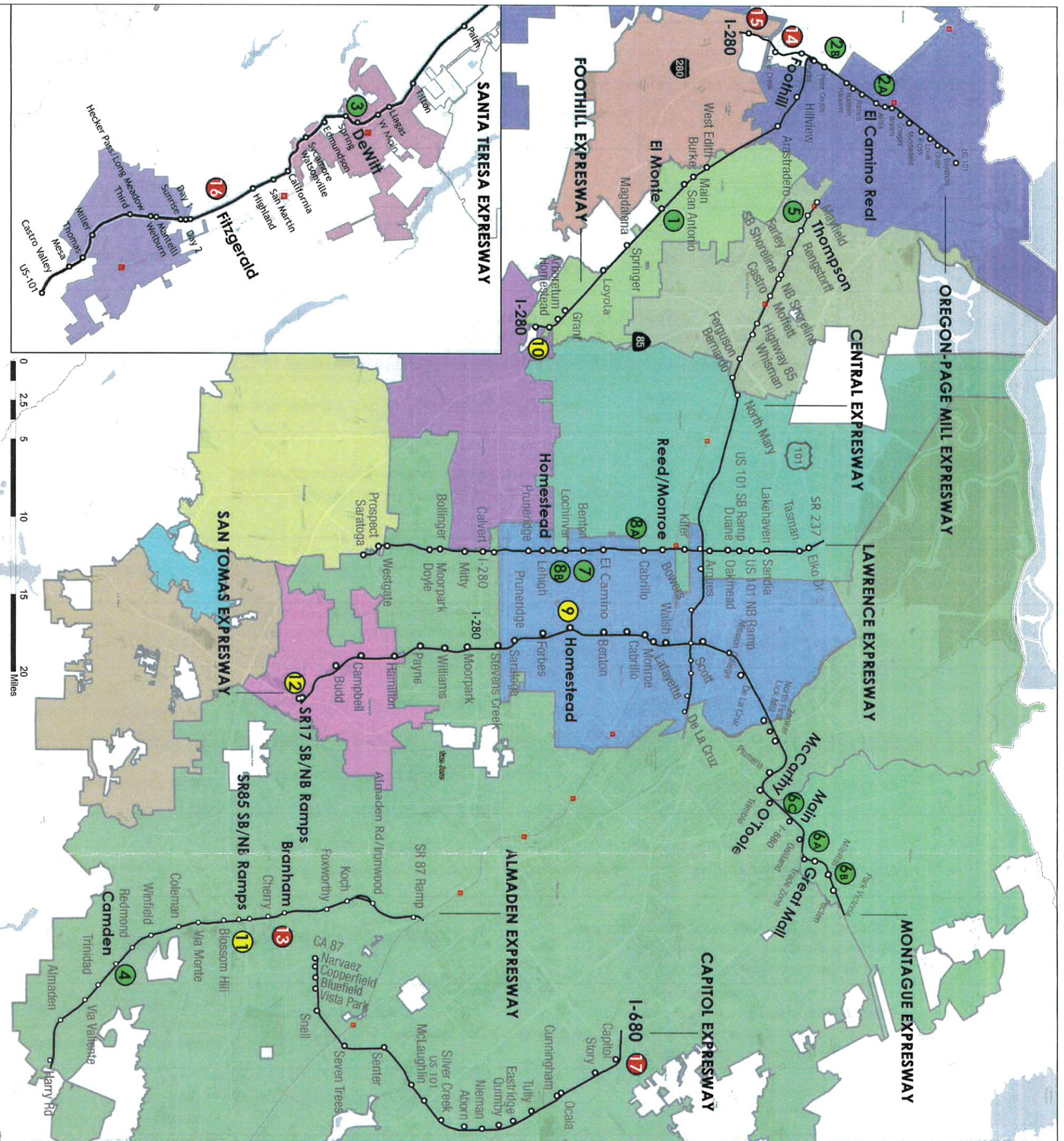
The City recommended that the County advance the development of new Countywide Mobility Design Measures so that as projects are implemented as part of the 2016 Measure B program, these types of treatments can be implemented. Currently, the lack of a policy at the County that does not permit Mobility Design Measures results in the County having design standard that are considered “below standard” compared to the rest of the San Francisco Bay Area and State of California impacting the effectiveness of projects delivered to the residents of the County through the 2016 Measure B program.

Recommendation

Appoint a Councilmember to the County of Santa Clara – Expressway Policy Advisory Board (PAB).

PROJECT NAME		PROJECT DESCRIPTION		PROJECT STATUS		ESTIMATED COST	
Expressway Program Manager		Program scope validation, program sequencing/phasing recommendation, financing approaches to, alternative delivery, macro/micro controls regimen		Under discussion with VTA		TBD	
PRIORITY	MEASURE B EXPRESSWAY PROJECT NAME	PROJECT DESCRIPTION	PROJECT STATUS	ESTIMATED COST ¹ (Millions, 2015 value)	POSITIVE-NEUTRAL-NEGATIVE		
1	Foothill ² Expressway Auxiliary Lanes between El Monte and San Antonio	Add auxiliary lane on Foothill between El Monte and San Antonio by widening Foothill Expressway from 4 to 6 lanes and make intersection improvements at El Monte and San Antonio.	Currently completing 95% Preliminary Engineering (PE) in FY19/20, Construction (CON) to begin in FY20. Construction anticipated in Summer 2019, pending Funding Agreement with VTA.	\$2.2	1	2	3
2A	Oregon-Page Mill ² / El Camino Intersection Improvements	Intersection improvements: extend double left turn from westbound Page Mill to southbound El Camino and modify southwest and southeast corners for improved pedestrian crossings.	Begin PE in FY19/20: Preliminary Design (35%) and anticipate Final Design in Summer 2020. Begin CON in FY20.	\$2.4	1	2	3
2B	Oregon-Page Mill ² Intersection Improvements between Porter and Hansen	Intersection improvements: extend/add second left turn lane for WB Pagemill at Hanover intersection and convert to 8-phase signal operation. In addition, close the median gap on Pagemill between Hanover and Porter. Extend EB left turn lane from Pagemill to Hanover and corresponding signal improvements.	Begin PE in FY19/20: Preliminary Design (35%) and anticipate Final Design in Summer 2020. Begin CON in FY20.	\$2.7	1	2	3
3	Santa Teresa- Hale Corridor Road and Trail between Dewitt and Main (Phase 1 ²)	Build 2-lane road connection with trail. (City of Morgan Hill is Lead Agency).	Final Design completed. Construction to begin upon Funding Agreement between County, VTA, City of Morgan Hill.	\$13.5	1	2	3
4	Almaden Expressway at Camden Ave Intersection Improvements	Intersection improvements: Upgrade the traffic signal to 8 phase. Add 2nd left turn lanes from both directions of Almaden onto Camden, remove shared left/through lane and provide separate left/thru lane, and close sidewalk gap.	Begin PE in FY21/22, CON in FY22/23	\$2.6	1	2	3
5	Central Expressway at Thompson Intersection Improvement	Remove uncontrolled median opening (close the median).	Begin PE in FY21, CON in FY20/21.	\$0.5	1	2	3
6A	Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Trade Zone to Main (Phase A)	Add eastbound auxiliary lane.	Begin PE in FY21, CON in FY20/21.	\$5.0	1	2	3
6B	Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Great Mall to Trade Zone (Phase B)	Widen from 6 to 8 lanes (HOV lanes), including closing sidewalk gaps.	PE in FY22 - Will move forward once private developments under construction within this corridor are completed.	\$8.0	1	2	3
6C	Montague Expressway Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Main/Oakland to McCarthy/O'Toole (Phase C)	Widen from 6 to 8 lanes (HOV lane in westbound only) including modifications to I-880 interchange and closing sidewalk gaps	Begin PE in FY22 or beyond - Proposed private developments within this corridor will affect timing and possibly scope of project. Phase C will require further discussions with Cities of Milpitas and San Jose.	\$30.1	1	2	3
7	Lawrence Expressway at Homestead Road Interim Improvements	Interim improvement: add eastbound through lane.	Begin PE in FY21/FY22. Corridor requires coordination and concurrence with Cities of Cupertino (Valco Redevelopment), Sunnyvale (ROW and Traffic Impacts), and Santa Clara (ROW and Traffic Impacts).	\$2.6	1	2	3
8A	Lawrence Expressway from Reed/Monroe to Arques Grade Separation	Grade separation (Part of ultimate plan to make Lawrence freeway-like between I-280 and US 101 by adding grade separations at intersections and removing signals for Lawrence Expwy).	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$440.0	1	2	3
8B	Lawrence Expressway at Homestead Road Grade Separation	Grade separation - Homestead Road at Kaiser Hospital.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$100.0	1	2	3
9	San Tomas Expressway Widening and Trail between Homestead and Stevens Creek	Widening between Homestead and Stevens Creek with trail.	Begin PE in FY22/23, CON in FY24/25.	\$41.0	1	2	3
10	I-280/Foothill Expressway Interchange Modifications and Auxiliary Lane to Homestead	Add signal at the southbound I-280 off-ramp intersection and intersection improvements at northbound I-280 off-ramp, including pedestrian crossing enhancements, potential Stevens Creek Trail and northbound auxiliary lane on Foothill to Homestead.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$5.0	1	2	3
11	Almaden Expressway at SR 85 - Interim Improvements	Interim improvement: address access issues between Cherry and SR 85.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$0.5	1	2	3
12	SR 17/San Tomas Expressway Interim Improvements	Interim improvement: northbound SR 17 off-ramp improvements to include signal at White Oaks with interconnect at San Tomas/Camden signal and lane reconfigurations.	Begin PE in FY22/23, CON in FY24/25 - Project should be combined with two projects in the Measure B - Interchange Program (SR-17 - SB /Hamilton Ave & SR17/San TomasExp Improvements). If combined with the Interchange Program projects, the priority and schedule will be modified.	\$1.5	1	2	3
13	Almaden Expressway at Branham Lane Intersection Improvement	Intersection improvement: extend 4th southbound lane to begin north of intersection.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$0.7	1	2	3
14	Oregon-Page Mill Widening (possible HOV lanes) and Trail between I-280 and Foothill Expressway	Widen from 4 to 6 lanes (possible HOV lane) from I-280 to Foothill with intersection improvements at Junipero Serra Blvd-Foothill intersection, including a bike/pedestrian trail extension from Deer Creek to I-280 and enhanced bicycle connection from easterly Old Page Mill Road access to Junipero Serra Blvd.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$23.0	1	2	3
15	I-280/Oregon-Page Mill Road Interchange Reconfiguration	Modify interchange: Proposed concept is roundabout west of interchange, P&R Lot reconfiguration, signal at northbound I-280 off-ramp, frontage road from Christopher Lane to Old Page Mill, and signal at Old Page Mill. Plus bicycle and pedestrian improvements throughout.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$20.0	1	2	3
16	Santa Teresa-Hale Corridor Widening and Trail between Long Meadow and Fitzgerald	Widen to 4 travel lanes and add trail.	FY22 (Expressway Program Validation). Develop Program and Funding Plan.	\$8.0	1	2	3
17	Capitol Expressway Widening and Interchange Modifications between I-680 and Capitol Avenue	Widen from 6 to 8 lanes: includes ramp realignments and sound wall and sidewalk gap closures.	Will proceed after Capitol Expressway Light Rail Extension Project is completed by VTA.	\$12.0	1	2	3
Annual	Expressway ITS/Signal System Countywide	Intelligent Transportation System (ITS) Short Term: Replace/upgrade/add fiber optic lines; upgrade equipment for new technologies; systemwide pedestrian sensors; enhance/replace bicycle and vehicle detection with new technologies.	Begin activities in Fiscal Year (FY) 2020	\$17.5	1	2	3

1. Estimates from Measure B development process. 2. Local Match is currently committed.



Legend
 ■ Central Station
 ■ Expressways
 — County border



Measure B Expressway Program
 Prioritization of Projects
 Technical Working Group (TWG)
 March 18, 2019

PROJECT NUMBER	MEASURE B EXPRESSWAY PROJECT NAME	PROJECT DESCRIPTION
1	Foothill Expressway Auxiliary Lanes between El Monte and San Antonio	Add auxiliary lane on Foothill between El Monte and San Antonio by widening Foothill Expressway from 4 to 6 lanes and make intersection improvement at El Monte and San Antonio.
2a	Oregon-Page Mill / El Camino intersection improvements	Intersection improvements: extend double left turn from westbound Page Mill to southbound El Camino and modify southwest and southeast corners for improved pedestrian crossings.
2b	Oregon-Page Mill intersection improvements between Porter and Hansen	Intersection improvements: extend/odd second left turn lane for WB Roganelli at Hansen intersection and convert to 6-phase signal operation. In addition, close the median gap on Roganelli between Hansen and Porter. Extend EB left turn lane from Roganelli to Hansen and corresponding signal improvements.
3	Santa Teresa- Hole Condon Road and trail between Dewitt and Main (Phase 1)	Build 2-lane road connection with trail. (City of Morgan Hill is Lead Agency).
4	Almaden Expressway at Camden Ave intersection improvements	Intersection improvements: Upgrade the traffic signal to 8 phase. Add 2nd left turn lanes from both directions of Almaden onto Camden; remove shared left/through lane and provide separate left/through lane, and close sidewalk gap.
5	Central Expressway at Thompson intersection improvement	Remove uncontrolled median opening (close the median).
6a	Montague Expressway/Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Trade Zone to Main (Phase A)	Add eastbound auxiliary lane.
6b	Montague Expressway/Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Great Mall to Trade Zone (Phase B)	Widen from 6 to 8 lanes; (HOV lanes), including closing sidewalk gaps.
6c	Montague Expressway/Complete 8-lane Widening including HOV lanes and Auxiliary Lanes between Main/Oakland to McCarthy/O'Toole (Phase C)	Widen from 6 to 8 lanes; (HOV lanes) including modifications to I-880 interchange and closing sidewalk gaps.
7	Lawrence Expressway at Homestead Road Interim Improvements	Interim improvement: add eastbound through lane.
8a	Lawrence Expressway from Reed/Monroe to Arques Grade Separation	Grade separation (Part of ultimate plan to make Lawrence freeway-like between I-280 and US 101) by adding grade separations at intersections and removing signals for Lawrence Expwy).
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13	Almaden Expressway at Branham Lane Intersection Improvement	Intersection improvement: extend 4th southbound lane to begin north of intersection.
14	Oregon-Page Mill Widening (possible HOV lanes) and Trail between I-280 and Foothill Expressway	WIDEN FROM 4 TO 6 LANES (PASSIVE HOV 3) WITH TRAIL. WITH INTERSECTION IMPROVEMENTS AT JUNIPERO SANS BLVD/FOOTHILL INTERSECTION, INCLUDING A BIKE/PEDESTRIAN TRAIL EXTENSION FROM DEER CREEK TO I-280 AND ENHANCED BIKEWAY CONNECTION FROM EASTLEY. OLD PAGE MILL ROAD ACCESS TO JUNIPERO SANS BLVD.
15	I-280/Oregon-Page Mill Road Interchange Reconfiguration	Modify interchange: Proposed concept is roundabout west of interchange. PAR LOT reconfiguration, signal at northbound I-280 off-ramp, frontage road from Christopher Lane to Old Page Mill, and signal at Old Page Mill. Plus bicycle and pedestrian improvements throughout.
16	Santa Teresa-Hole Condon Widening and Trail between Long Meadow and Fitzgerald	Widen to 4 travel lanes and add trail.
17	Capitol Expressway Widening and Interchange Modifications between I-680 and Capitol Avenue Expressway/ITS/Signal System Countywide	Widen from 6 to 8 lanes; includes ramp reconfigurations and sound wall and sidewalk gap closures; intelligent transportation system (ITS) Short Term; Replace/upgrade/add fiber optic lines; bicycle and vehicle detection with new technologies.

PROJECT GROUPINGS
 ●●●●● GROUPING 1
 ●●●●● GROUPING 2
 ●●●●● GROUPING 3

Santa Clara County
 Roads and Airports

2016
 MEASURE B