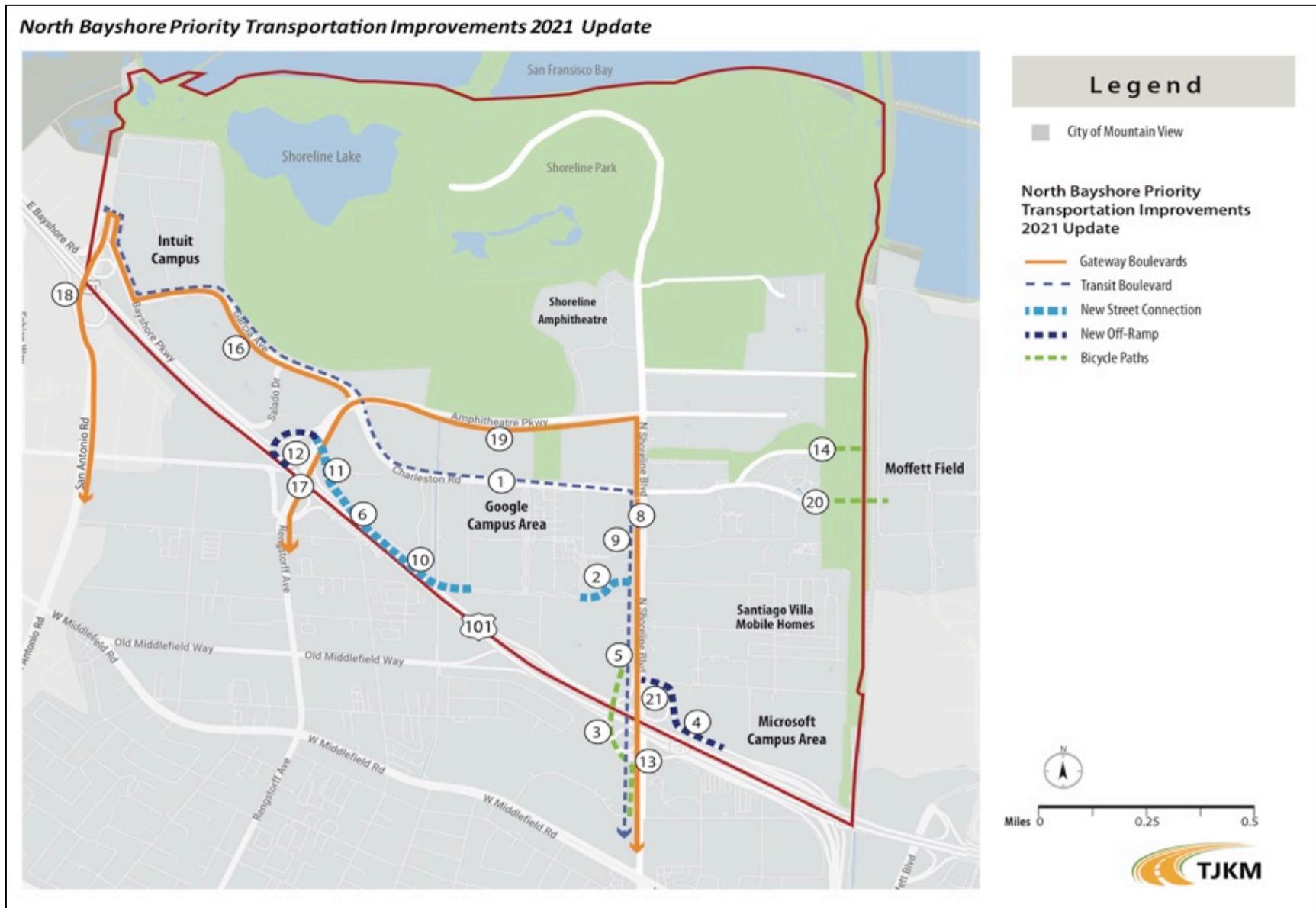


Priority Transportation Projects - 2021 Update



Priority Transportation Projects - 2021 Update

New ID #	Description	Cost Estimate (million \$)		Project Description	Comments
		2021 \$	Future \$		
5 Year Projects					
1	Charleston Transit Boulevard Phase 2/3	\$43.4	\$43.4	Transit Boulevard including bus lane in both directions, two-way cycle track on north side and one-way protected bike lane on south side. Limits: Huff to Salado. Google will fund added turn lanes (not in budget).	Phase 1 complete; Phase 2/3 at 95% design; construction funding needed
2	Plymouth/Space Park Connection	\$59.5	\$59.5	Realignment of Plymouth to provide connection with Space Park at Shoreline; create new signalized intersection with two NB left turns. Project includes utility relocation. Google reimbursement for second left turn and widening of Plymouth not included in funding.	Includes Bus Lane extension and Cycle Track on west side
3	U.S. 101 Bicycle / Pedestrian Bridge at Shoreline	\$29.0	\$30.8	Pedestrian and bicycle bridge across US 101 and cycle track from Terra Bella to Pear. Includes contingency and cost escalation.	Coordinated with Gateway Master Plan
4	U.S. 101 Shoreline NB Off-Ramp	\$31.4	\$31.4	Realignment of US 101 NB off-ramp connecting to La Avenida; includes bus lane on ramp and consolidated signalized intersection at Shoreline	Design underway
5	Shoreline Corridor Bus Lane	\$22.1	\$22.1	Reversible Bus Lane, protected one-way bike lanes south of Terra Bella, protected intersections and NB right turn lane at Pear.	Middlefield to Pear; Incl. utility costs; construction underway
6	Frontage Road from Landings Drive to Permanente Creek	\$3.4	\$3.4	Match for Frontage Road improvements adjacent to the Landings project; Google to provide equal amount for their share of project.	Required through Landings project approval
7	Transit Center Upgrades, including Grade Separation and Access Project	\$5.0	\$5.0	Project elements that benefit North Bayshore, including Shuttle stops, bike connections to Shoreline corridor	Allocated matching funds for Grade Separation and Access Project
		\$185.4	\$195.6		

Priority Transportation Projects - 2021 Update

New ID #	Description	Cost Estimate (million \$)		Project Description	Comments
		2021 \$	Future \$		
10 Year Projects					
8	Shoreline Corridor Cycle Track (North of Plymouth)	\$14.9	\$19.9	Extends cycle track on west side from Plymouth to Charleston; create protected intersection at Shoreline/Charleston; may require ROW from Google and non-Google property	Completes Shoreline Cycle Track project
9	Bus Lane Extension from Plymouth/Space Park to Charleston	\$3.7	\$4.9	Extend reversible bus lane from Plymouth to Charleston; converts current median to bus lane	Improves bus lane effectiveness and allow more use of bus lane by employer commute buses
10	Frontage Road Extension from Permanente Creek to Plymouth	\$37.6	\$50.1	New Permanente Creek bridge with 2 auto lanes plus protected bike lanes and sidewalks; roadway connection to Plymouth (Access Street).	ROW required at property adjacent to creek (parking impact only) - see Figure 1
11	Rengstorff to Landings Drive (new roadway connection from interchange to frontage road)	\$37.7	\$50.2	New roadway connection to Landings Drive from Rengstorff interchange; includes ROW on parcel east of Rengstorff (parking impact only)	Provide sufficient capacity at Rengstorff connection; see Figure 1
12	U.S. 101 Rengstorff Ramp Realignment	\$16.5	\$22.0	Realign NB 101/Rengstorff off-ramp to new signalized intersection; VTA led project now completing Caltrans PID phase; possible grant funded with City match; interchange project only	Caltrans PAED phase to determine if bridge replacement needed - see Figure 1
13	Bus Lane Enhancements	\$4.1	\$5.5	Add new bus-only connector ramp from bus lane to US 101 on-ramp (southbound PM bus lane trips only); include queue-jump phase for bus lane at 101 southbound ramp/Shoreline intersection	Will allow more use of bus lane by employer commute buses
14	Stevens Creek Trail connections	\$0.8	\$1.1	Permanent ADA-compliant trail connection to Stevens Creek Trail from Class I path near Retention Basin; other connections at Charleston or future extension of Space Park developed through Google Master Plan	Creates additional Green Loop connections; would be similar to planned Crittenden project
15	Congestion Pricing Implementation	\$3.8	\$5.0	Construction elements for implementation if program is approved	To be determined through current feasibility study
		\$119.0	\$158.7		

Priority Transportation Projects - 2021 Update

New ID #	Description	Cost Estimate		Project Description	Comments
		2021 \$	Future \$		
20 Year Projects					
16	Garcia -CRAG to Bayshore & San Antonio	\$3.1	\$4.9	Add Cycle Tracks or Class IV bike lanes	Consider Cycle Tracks on one side consistent with Charleston plan
17	Rengstorff - CRAG across 101 to Leghorn	\$12.5	\$20.0	Add Class IV bike facility and sidewalks on both sides; requires bridge replacement	Potential grant funding; allowance for City match - see Figure 1
18	San Antonio - Bayshore to 101	\$12.5	\$20.0	Add Class IV bike facility and sidewalks on both sides; requires bridge replacement	Potential grant funding; allowance for City match
19	Amphitheater - Shoreline to CRAG	\$6.4	\$10.3	Expand portion to four lanes; Extend cycle track on south side only	May need to consider access to Amphitheater parking garage
20	Stevens Creek Bike / Pedestrian Bridge at Charleston	\$22.8	\$36.5	New bicycle and pedestrian bridge across Stevens Creek with connecting paths to Charleston and NASA roadways; assume ~20' width	Council supported in lieu of transit bridge
21	La Avenida Bike / Pedestrian Bridge connection	\$25.6	\$40.9	Bridge over Shoreline to La Avenida connecting to Shoreline Bike/Ped Bridge	Connects to new Cycle Track or protected bike lanes on La Avenida
		\$82.9	\$132.6		

Priority Transportation Projects - 2021 Update

New ID #	Description	Comparison with 2014 Priority Transportation List
Current 5 Year Projects		
1	Charleston Transit Boulevard Phase 2/3	Original Project T-3
2	Plymouth/Space Park Connection	Original Project T-5 and portions of T-1, T-2 and T-18
3	U.S. 101 Bicycle / Pedestrian Bridge at Shoreline	Original Project T-8
4	U.S. 101 Shoreline NB Off-Ramp	Original Project T-16
5	Shoreline Corridor Bus Lane	Original Projects T-1, T-17 and T-18
6	Frontage Road from Landings Drive to Permanente Creek	Part of original project T-11
7	Transit Center Upgrades, including Grade Separation and Access Project	Original projects T-19 and T-20
10 Year Projects		
8	Shoreline Corridor Cycle Track (North of Plymouth)	Includes T-2 Cycle Track (west side only)
9	Bus Lane Extension from Plymouth/Space Park to Charleston	Bus lane extension (new project)
10	Frontage Road Extension from Permanente Creek to Plymouth	Part of original project T-11
11	Rengstorff to Landings Drive (new roadway connection from interchange to frontage road)	New project linked to Rengstorff Ramp Realignment
12	U.S. 101 Rengstorff Ramp Realignment	New project replacing T-24 Charleston-101 Undercrossing
13	Bus Lane Enhancements	New project
14	Stevens Creek Trail connections	New project
15	Congestion Pricing Implementation	New project

Priority Transportation Projects - 2021 Update

New ID #	Description	Comparison with 2014 Priority Transportation List
20 Year Projects		
16	Garcia -CRAG to Bayshore & San Antonio	Original project T-4
17	Rengstorff - CRAG across 101 to Leghorn	Original project T-12
18	San Antonio - Bayshore to 101	Original project T-13
19	Amphitheater - Shoreline to CRAG	Original project T-14
20	Stevens Creek Bike / Pedestrian Bridge at Charleston	Reduced scope of T-23 to only include pedestrian/bike bridge
21	La Avenida Bike / Pedestrian Bridge connection	New project

Priority Transportation Projects - 2021 Update

