

## **Attachment A**

### **Design Changes and Staff Recommendations**

**Design Changes for the Project and Staff Recommendations**

No.	Project Feature	Staff Recommendation
1	Mission Boulevard to East Warren Avenue	Select the At Grade Option for the alignment
2	Electrical and communication facilities near East Warren Avenue (new access road)	Approve the access to Mission Falls Court
3	Locomotive wye (Fremont)	Approve the elimination of the wye in Fremont
4	Crossover tracks near Kato Road	Approve a crossover track both north and south of Kato Road
5	Kato Road underpass	Approve the 5 percent grade design for the roadway
6	Electrical and communication facilities near Scott Creek	Approve the addition of a train control building and access to Milmont Drive
7	Railroad intrusion detection system <sup>1</sup>	Approve the addition of a railroad intrusion detection system
8	Dixon Landing Road Alignment	Select the At Grade Option for the alignment (VTA will work with the City of Milpitas on construction phasing plan)
9	Berryessa Creek	Approve the triple box culvert
10	Crossover tracks between Berryessa Creek and Railroad Court	Approve the elimination of a crossover track near Railroad Court and the addition of a crossover track farther north
11	Electrical and communication facilities near Railroad Court	Approve the access to Railroad Court
12	High rail vehicle access south of Calaveras Boulevard	Approve the access to Railroad Avenue
13	Locomotive wye (Milpitas)	Approve the relocation of the wye in Milpitas
14	Curtis Avenue to Trade Zone Boulevard	Select the Retained Cut Long Option
15	Crossover tracks north of Montague Expressway	Approve the crossover tracks in the retained cut under the Long Retained Cut Option
16	Electrical facilities north of Montague Expressway	Approve the location of the facilities under the Long Retained Cut Option
17	Montague/Capitol Station	Approve all the design changes associated with the station; retain both parking options
18	Depth of retained cut south of East Penitencia Channel	Approve the depth of the retained cut at between 10 and 30 feet below grade
19	Electrical Facilities south of Trade Zone Boulevard	Approve the access to Qume Road (2 optional routes under consideration)
20	Depth of retained cut Hostetter Road to Sierra Road/Lundy Avenue	Approve the depth of the retained cut at between 10 and 35 feet below grade
21	Communication facilities south of Hostetter Road	Approve the addition of a train control building
22	Electrical and communication facilities near Berryessa Road	Approve the addition of a train control building and the location of the facilities
23	Berryessa Station	Approve all the design changes associated with the station; retain both parking options
24	Crossover tracks and pocket track near Berryessa and Mabury roads	Approve the location of crossover tracks and pocket track on the aerial structure
25	Electrical and communication facilities near Mabury Road	Select the Las Plumas Overhead Option; retain both alternate locations for the high voltage substation and switching station
26	High rail vehicle access south of Mabury Road	Approve the location of the high rail vehicle access and the access to Nicora Avenue
27	Maintenance of way siding track	Approve the addition of a maintenance of way siding track
28	Tunnel portals	Approve the location of the east and west tunnel portals

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29	Tunnel cross passages	Approve the interval range for cross passages at every 300 to 800 feet
30	Ventilation structure south of Las Plumas Avenue	Approve the elimination of the ventilation structure/shaft at this location
31	Gap breaker station near Marburg Way	No action required; the gap breaker station at this location was considered but eliminated
32	US 101 alignment	Approve the alignment shift to the east
33	Alum Rock Station	Approve all the design changes associated with the station
34	Gap breaker station near 22nd Street	No action required; the gap breaker station at this location was considered but eliminated
35	Ventilation structure near 20th Street	Approve the elimination of the ventilation structure/shaft at this location
36	Ventilation structure west of Coyote Creek	Retain the four alternate locations for the ventilation structure/shaft west of Coyote Creek
37	Gap breaker station near 9th Street	No action required; the gap breaker station at this location was considered but eliminated
38	Civic Plaza/SJSU Station	Approve the consolidation of the Civic Center/SJSU Station into the Downtown San Jose Station
39	Downtown San Jose Crossover	Approve the location and length of the crossover tracks within the Downtown San Jose Station box
40	Downtown San Jose Station	Approve the Downtown San Jose Station, which consolidated the Civic Center/SJSU and Market Street stations; approve the station entrance at the Western Dental/Moderne Drug building
41	Market Street Station	Approve the consolidation of the Market Street Station into the Downtown San Jose Station
42	Diridon/Arena Station and alignment	Select Bus Transit Center Option; retain both parking options; approve all other design changes associated with the station and alignment
43	Traction power substation near Diridon/Arena Station	Approve the location of the facilities at White and West Santa Clara streets
44	Gap breaker station near Morrison Avenue	No action required; the gap breaker station at this location was considered but eliminated
45	Ventilation structure near Stockton Avenue	Retain the four alternate locations for the ventilation structure/shaft and auxiliary power substation near Stockton Avenue
46	Gap breaker station near Emory Street	No action required; the gap breaker station at this location was considered but eliminated
47	Tunnel alignment near Hedding Street	Approve the alignment shift to the east
48	Ventilation structure south of I-880	Approve the elimination of the ventilation structure/shaft at this location
49	Depth of tunnel bores	Approve the depth of the tunnel bores at between 20 to 75 feet below grade
50	Crossover tracks at west tunnel portal	Approve the crossover tracks in the retained cut north of the west tunnel portal
51	Yard and shops facility	Approve all the design changes associated with the yard and shops facility including the new location for the revenue processing building
52	Santa Clara Station	Select Parking Structure North Option; parking structure of up to 6 levels; approve all other design changes associated with the station
53	Construction staging areas (CSAs)	Approve the location of the construction staging areas including the elimination of the Dixon Landing Road CSA and the addition of the five locations previously identified for gap breaker stations (see 31, 34, 37, 44, and 46)
54	BART core system access	Approve the number of parking spaces for the BART core system for

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		Year 2030 service levels
55	Fleet requirements	Approve the fleet requirements for Year 2030 service levels
56	Operating plan	Approve the operating plan for Year 2030 service levels
57	Station boardings	Approve the number of station boardings determined for Year 2030 service levels