

**INNOVATE 680**  
**PROJECT: SHARED MOBILITY HUBS FEASIBILITY STUDY**  
**Conceptual Draft Cost Estimate**

**WALNUT CREEK BART - SHARED MOBILITY HUB**

Item	Description	Estimated Quantity	Unit	Unit Cost	Total Cost	Comment
<b>TRANSIT AMENITIES</b>						
1	Real Time Travel Information	3	EA	\$ 17,000	\$ 51,000	
2	Fare Vending Machines	2	EA	\$ 250,000	\$ 500,000	
3	Operator Restroom	1	LS	\$ 100,000	\$ 100,000	
4	Battery Electric Bus Charging Stations	5	EA	\$ 20,000	\$ 100,000	Assumes charger and dual-wand charging (minor conduit cost), new service is accounted for below under item #32. Additional 900k-1.2m would need to be added for battery electric storage system, if desired
<b>SUBTOTAL</b>					<b>\$ 751,000</b>	
<b>BICYCLE AMENITIES</b>						
5	Electric Bike Charging Stations	20	EA	\$ 10,250	\$ 205,000	
6	Bicycle Parking - BikeStation facility (or similar)	1	EA	\$ 700,000	\$ 700,000	Assume bike station facility; cost based on range of estimates for bike station construction from BART's bicycle capital plan (2017).
7	Bicycle Repair Stations	2	EA	\$ 5,000	\$ 10,000	
<b>SUBTOTAL</b>					<b>\$ 915,000</b>	
<b>PEDESTRIAN AMENITIES</b>						
<b>Public Space</b>						
8	Lighting - pedestrian areas and pathway	1	LS	\$ 250,000	\$ 250,000	Assumes minor improvements for lighting, if any.
<b>SUBTOTAL</b>					<b>\$ 250,000</b>	
<b>MOTORIZED SERVICES &amp; AMENITIES</b>						
9	Electric Vehicle Charging Station	100	EA	\$ 18,450	\$ 1,845,000	
10	Parking Reconfiguration	20,000	SF	\$ 5	\$ 100,000	
11	Curb and Gutter Reconstruction	200	LF	\$ 60	\$ 12,000	
12	Parking Area Repaving	25,000	SF	\$ 9	\$ 225,000	
<b>Real-Time Parking Availability</b>						
13	Parking Signage (Static and Dynamic)	1	LS	\$ 100,000	\$ 100,000	
14	Parking Space Availability Sensors	1,271	Space	\$ 400	\$ 508,400	
15	Real-time occupancy digital signage and backroom hardware/software	4	EA	\$ 30,000	\$ 120,000	
<b>SUBTOTAL</b>					<b>\$ 2,910,400</b>	
<b>SUPPORT SERVICES &amp; AMENITIES</b>						
16	Wi-Fi and Device Charging	20	EA	\$ 1,700	\$ 34,000	
17	Package Delivery Stations	1	LS	\$ 12,000	\$ 12,000	
18	Wayfinding	1	LS	\$ 100,000	\$ 100,000	
19	Information Kiosks	3	EA	\$ 20,000	\$ 60,000	
20	Solar Panel Canopy	53,000	SF	\$ 60	\$ 3,180,000	
21	Monumentation	3	EA	\$ 100,000	\$ 300,000	
<b>SUBTOTAL</b>					<b>\$ 3,686,000</b>	
<b>HARDSCAPE IMPROVEMENTS</b>						
<b>Off-site Improvements</b>						
22	Transit Signal Priority + Signal Modifications	1	EA	\$ 40,000	\$ 40,000	Assuming additional improvements are needed for each of 3 intersections.
23	Bikeways - Re-striping	8,500	LF	\$ 5	\$ 42,500	
24	Bikeways - Off-street Path Construction	20,000	SF	\$ 7	\$ 140,000	Assume off-street path construction (2000' x 10' width); includes base and pavement
25	Pedestrian Walkways	1,700	LF	\$ 100	\$ 170,000	
26	Pedestrian Crossings	8,000	SF	\$ 50	\$ 400,000	Assume crosswalk striping
27	Curb & Gutter Replacement	1,700	LF	\$ 5	\$ 8,500	Assume bulbouts at California / YVR intersection + 50%
28	New Service for EV Charging Stations	1	LS	\$ 800,000	\$ 800,000	Assumes equipment and conduits
29	Utility Relocations	-	LS	\$ 150,000	\$ -	
<b>SUBTOTAL</b>					<b>\$ 1,601,000</b>	

	Feasibility Study	2024\$
CON Capital (Base)	\$ 10,113,400.00	\$ 10,736,636
30% Contingency	\$ 3,034,020	\$ 3,220,991
CON + Contingency	\$ 13,147,420	\$ 13,957,627
CM	\$ 2,366,536	\$ 2,512,373
CON+Contingency+CM	\$ 15,513,956	\$ 16,470,000
O&M (Annual)		\$ 206,250