



Service Scenarios and Stations

Weekday Scenarios Used for Technical Assessment/Modeling

ID	Scenario	Weekday Operations	Service Description	# of Stops	Station Stops	Station Location
B	Santa Cruz ↔ Capitola (Limited)	Full service hours (6:00 a.m. to 9:00 p.m.)	Limited Express: Limited stops at a mix of primary and select secondary stations (skip-stop)	6	Westside Santa Cruz	Natural Bridges/Right-of-way (ROW)
					Downtown Santa Cruz	Pacific Ave/Beach St
					<i>Boardwalk (seasonal weekends)</i>	<i>Leibrandt Ave./ROW</i>
					Seabright	Seabright Ave./ROW
					17th Ave.	17th Ave./ROW
					41st Ave.	41st Ave./ROW
					Capitola Village	Monterey Ave./Park Ave.
D	Santa Cruz ↔ Watsonville (Peak Express)	AM peak (6:00 - 9:00 am) PM peak (4:00 to 7:00 p.m.)	Limited Express: Limited stops at a mix of primary and select secondary stations (skip-stop)	6	Westside Santa Cruz	Natural Bridges/ROW
					Bay Street/California (academic year only)	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					41st Ave.	41st Ave./ROW
					New Brighton/Cabrillo (academic year only)	New Brighton Rd./ROW
					Downtown Watsonville	W. Beach St./Walker St.

ID	Scenario	Weekday Operations	Service Description	# of Stops	Station Stops	Station Location
E	Santa Cruz ↔ Aptos (Local)	Full service hours (6:00 a.m. to 9:00 p.m.)	Expanded Local: More closely-spaced stops at all primary and a mix of secondary stations	9	Westside Santa Cruz	Natural Bridges/ROW
					Bay Street/California	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					Seabright	Seabright Ave./ROW
					17th Ave.	17th Ave./ROW
					41st Ave.	41st Ave./ROW
					Capitola Village	Monterey Ave./Park Ave.
					Seacliff Village	State Park Dr./ROW
					Aptos Village	Soquel Dr. / Aptos Creek Rd.
G	Santa Cruz ↔ Watsonville (Expanded Local)	Full service hours (6:00 a.m. to 9:00 p.m.)	Expanded Local: More closely-spaced stops at all primary and a mix of secondary stations	10	Westside Santa Cruz	Natural Bridges/ROW
					Bay Street/California	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					<i>Boardwalk (seasonal weekends)</i>	<i>Leibrandt Ave./ROW</i>
					Seabright	Seabright Ave./ROW
					17th Ave.	17th Ave./ROW
					41st Ave.	41st Ave./ROW
					Capitola Village	Monterey Ave./Park Ave.
					New Brighton/Cabrillo - (<i>academic year only</i>); Seacliff Village (<i>seasonal weekends</i>)	New Brighton Rd./ROW
					Aptos Village	Soquel Dr. / Aptos Creek Rd.
					<i>Seascape (seasonal weekends)</i>	<i>Seascape Blvd/ROW</i>
Downtown Watsonville	W. Beach St./Walker St.					

ID	Scenario	Weekday Operations	Service Description	# of Stops	Station Stops	Station Location
G1	Santa Cruz ↔ Watsonville Locomotive Powered and FRA-compliant (Expanded Local)	Full service hours (6:00 a.m. to 9:00 p.m.)	Expanded Local: More closely-spaced stops at all primary and a mix of secondary stations	10	Westside Santa Cruz	Natural Bridges/ROW
					Bay Street/California	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					<i>Boardwalk (seasonal weekends)</i>	<i>Leibrandt Ave./ROW</i>
					Seabright	Seabright Ave./ROW
					17th Ave.	17th Ave./ROW
					41st Ave.	41st Ave./ROW
					Capitola Village	Monterey Ave./Park Ave.
					New Brighton/Cabrillo –(academic year only)	New Brighton Rd./ROW
					Aptos Village	Soquel Dr. / Aptos Creek Rd.
					<i>Seascape (seasonal weekends)</i>	<i>Seascape Blvd/ROW</i>
Downtown Watsonville	W. Beach St./Walker St.					
J	Santa Cruz ↔ Pajaro (Regional Connector)	Limited 7 days /week (approx. 6 round trips per day) from 6:00 a.m. to 9:00 p.m.	Service connecting to planned Capitol Corridor and Coast Daylight trains, based on planned schedules for those services	10	Westside Santa Cruz	Natural Bridges/ROW
					Bay Street/California	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					<i>Boardwalk (seasonal weekends)</i>	<i>Leibrandt Ave./ROW</i>
					Seabright	Seabright Ave./ROW
					17th Ave.	17th Ave./ROW
					41st Ave.	41st Ave./ROW
					Capitola Village	Monterey Ave./Park Ave.
					Aptos Village	Soquel Dr. / Aptos Creek Rd.
					Downtown Watsonville	W. Beach St./Walker St.
					Pajaro	Salinas Rd./Railroad Ave.

ID	Scenario	Weekday Operations	Service Description	# of Stops	Station Stops	Station Location
S	Santa Cruz ↔ Seacliff (Railroad Starter Service)	6:30 a.m. to 8:00 p.m.	Limited Service to primary stations with varied headways	5	Bay Street/California	Bay St./California St.
					Downtown Santa Cruz	Pacific Ave/Beach St
					41st Ave.	41st Ave./ROW
					Capitola Village <i>seasonal only</i>	Monterey Ave./Park Ave.
					Cabrillo/Seacliff Village	State Park Dr./ROW

Notes: Fehr & Peers, 2015

1. Model runs were performed for the weekday scenarios only. Weekend full service hours are defined as 10:00 a.m. to 8:00 p.m. and were analyzed qualitatively in Section 6.0. For example, weekend service ridership was estimated using the same proportion of weekday rider experienced by the local bus transit (50%).
2. Weekday full service hours are defined as 6:00 a.m. to 9:00 p.m.
3. Stations assumed to provide year-round service, with the following exceptions. Under Scenario D at the Bay Street/California Station (service September through June only to align with academic year) and under Scenario G at the New Brighton/Cabrillo Station (September through June only).
4. The New Brighton/Cabrillo station under Scenario G assumes a future bicycle and pedestrian overcrossing at Highway 1 near the station.
5. While not part of this service analysis, stations could be added or modified when/if actual service is implemented based on demand, such as expansion to Davenport (Future Conditional).