

Silver Line Report

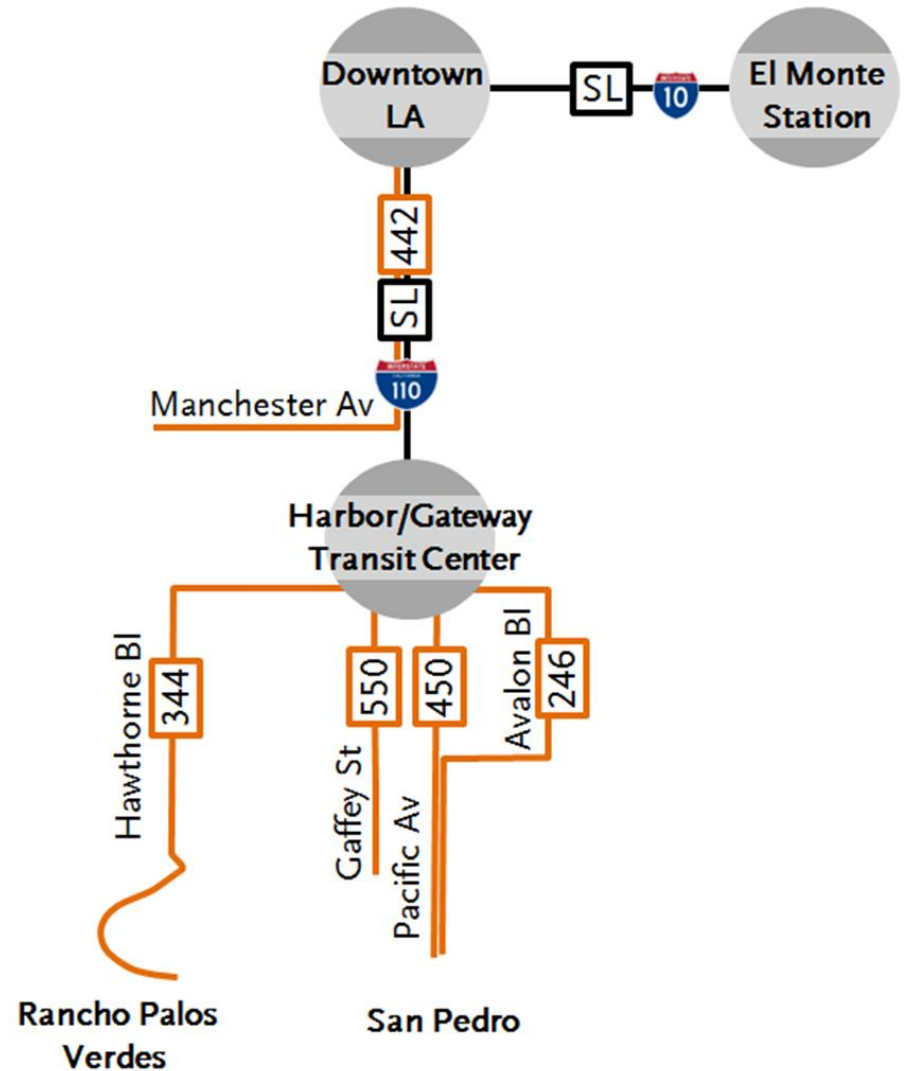
Motion 21

Receive and File



Over View

- Silver Line began December 2009, combining three express lines into one BRT service
- Service is every 5 minutes in the peaks, 15 minute off-peak
- Patronage has increased by 135%
- Boardings at all Harbor Fwy in-line stations has more than doubled
- Connecting services at the Harbor/Gateway Transit Center are timed



Board Directed Items Evaluated

A. Direct route of Silver Line into Palos Verdes and San Pedro

- Metro Express Line 450 currently provides direct weekday peak travel between downtown LA and San Pedro.
 - Mid-day & weekend service operates to Harbor Gateway TC with timed connections to the Silver Line.
- Extending Silver Line service to Palos Verdes (via Line 344) would add 1:20 travel minutes. The resulting 2:20 long Silver Line would experience service reliability and bus bunching problems.
- Operating the Silver Line to San Pedro over the route of Line 246 would add one hour of travel time.
- All lines from San Pedro and Palos Verdes have timed transfers with the Silver Line at Harbor Gateway Transit Center.

B. Improved frequencies on local services Lines 246 and 344 for better connections with the Silver Line

- These lines currently operate every 20 to 30 minutes in the peaks, **and less** frequently during mid-days and weekends.
- During longer headway periods, timed transfers are provided at the Harbor Gateway Transit Center to minimize wait time.
- Only 20 to 30% of riders on these local lines ride to the Harbor Gateway TC.
- Current ridership levels does not warrant additional service.
- Any increase in service levels would require additional resources.

C. Timed Transfers and improved on-time performance to ensure connections are met

- Since inception of the Silver Line, local feeder lines have improved OTP up to 80%.
- Scheduling has created scheduled connections between local Silver Line buses.

Los Angeles County
Metropolitan Transportation Authority

D. Evaluation is based on demand for the connection by time of day and day of week; address fare pricing implications, resources and other requirements, ridership impacts, and implementation schedule.

- Time connections are provide during longer headway periods at the Harbor Gateway Transit Center to minimize wait time.
- Fares are the same regardless if the Silver Line is extended or passengers transfer at HG/TC (Silver Line = \$2.50, or Local = \$1.75 plus 75 cent zone).
- Current ridership demand does not warrant additional service.
- Any increase in service levels would require additional resources.

Potential Service Alternatives:

<u>Improve Weekday Base and Weekend All-Day Service to Every 30"</u>					
				Annual	Annual
Line #	Daily Rev. Hrs.	Saturday Rev. Hrs.	Sunday Rev. Hrs.	Rev. Hrs.	Est. Cost
246	47	18	31	14,720	\$2,060,000
344	35	15	17	10,700	\$1,500,000
Total	103	49	61	32,420	\$3,560,000

