

Route 78 Productivity and Service Analysis

Route 78, "The Route," is funded by Regional Measure 2 Funds, which specify a 20% farebox Recovery for All-day, Regional Routes. In order to both achieve this farebox recovery rate, and improve the efficiency of service on The Route, the Route 78 Productivity and Service Analysis was undertaken.

This study of The Route will include data gathering, analysis, stakeholder input, formulation of recommendations, technical and advisory review, Board feedback and approval, and coordinated implementation with relevant parties. Both short and long-term recommendations and changes will be analyzed, and adjusted in the ongoing review of available data, resources, and performance review. These recommendations will be monitored, and may be changed, as more information becomes available and existing conditions are observed.

The following lists show the short and long-term recommendations that have been formulated at this initial stage of data collection and analysis. Each recommendation will have its proposed implementation date, passenger and service impact displayed. Several charts and tables are included as attachments, with additional information regarding these proposed changes.

Fiscal Impact

The fiscal impact of these changes was calculated based upon MV Transportation GFI data, onboard surveys, onboard data collection, the Cost Allocation Model, and SolTrans Staff Studies. The following are relevant to the schedule changes to Route 78:

Route 78	Current	Proposed	Savings
Weekday Revenue Hours	34.45	22	12.45
Weekend Revenue Hours	12.45	10.35	2.1
Cost Per Revenue Hour	\$126.13	\$126.13	Does not change
Average Weekday Cost	\$4,345.18	\$2,774.86	\$1,570.32
Average Weekend Cost	\$1,570.32	\$1,305.45	\$264.87
Average Daily Passengers	295	295	Does not change
Average Daily Revenue	\$918.76	\$918.76	Does not change
Daily Farebox Recovery Rate	23%*	36%*	Improvement of approx 13%

*(+/- 3% margin of error)

Estimated Yearly Savings of approximately	\$400,000
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Weekend Schedule

The weekend schedule departure times will remain the same. However, the route will begin at either Vallejo Transit Center or Walnut Creek BART, and will not layover at Pleasant Hill BART. Therefore, running times will be nine minutes shorter in the southbound direction, and five minutes shorter in the northbound direction. Weekend buses will not stop at Monterey/6th Street and Curtola Parkway, or Curtola Parkway and Napa Street. Weekend Service will also utilize the new stop on Curtola Parkway, northside, opposite the Curtola Park & Ride.

Vallejo/Benicia/BART

Route 78 Weekday

Southbound				Northbound		
Vallejo Transit Ctr	Military/First (City Park) Benicia	Pleasant Hill BART	Walnut Creek BART	Walnut Creek BART	Military/First (City Park) Benicia	Vallejo Transit Ctr
5:40	5:58	6:20	6:30	6:45	7:05	7:20
6:40	6:48	7:20	7:30	7:45	8:05	8:20
7:00	7:18	7:40	7:50	8:45	9:05	9:20
7:40	7:58	8:20	8:30	10:15	10:35	10:50
8:30	8:48	9:10	9:20	11:30	11:50	12:05
9:10	9:28	9:50	10:00	1:15	1:35	1:50
10:40	10:54	11:12	11:20	3:00	3:20	3:35
12:20	12:34	12:52	1:00	4:45	5:10	5:35
2:05	2:19	2:37	2:45	5:30	5:55	6:20
3:50	4:04	4:22	4:30	6:15	6:40	7:05
5:20	5:34	5:52	6:00	6:45	7:10	7:35
5:50	6:04	6:22	6:30	8:00	8:25	8:50
7:50	8:04	8:22	8:30			

***P.M. Times in Bold**

Vallejo/Benicia/BART

Route 78 Weekend

Southbound				Northbound		
Vallejo Transit Ctr	Military/First (City Park) Benicia	Pleasant Hill BART	Walnut Creek BART	Walnut Creek BART	Military/First (City Park) Benicia	Vallejo Transit Ctr
6:35	6:51	7:11	7:19	7:32	7:52	8:10
8:35	8:51	9:11	9:19	9:32	9:52	10:10
10:35	10:51	11:11	11:19	11:32	11:52	12:10
12:35	12:51	1:11	1:19	1:32	1:52	2:10
2:35	2:51	3:11	3:19	3:32	3:52	4:10
4:35	4:51	5:11	5:19	5:32	5:52	6:10
6:35	6:51	7:11	7:19	7:32	7:52	8:10

*P.M. Times in Bold