



Gold Line Streetcar Analysis

The table below shows the results of the analysis completed on the Streetcar alternative. Multiple different scenarios were analyzed to determine the effect on travel time and ridership. For comparative purposes, the assumptions, travel time and ridership for the Commuter Rail-EMU alternative are also provided below.

Model Run	Assumptions	Travel Time	Ridership
1	7 stations, runs in mixed flow, express bus service present, parking allowed at 6 stations	41 minutes	9,825
2	7 stations, runs in mixed flow, express bus service deleted, parking allowed at 6 stations	41 minutes	10,539
3	7 stations, runs in mixed flow, express bus service deleted, parking allowed at all stations	41 minutes	10,970
4	18 stations, runs in mixed flow, express bus service present, parking allowed at 9 stations	48 minutes	9,200
5	13 stations, runs in mixed flow, express bus service present, parking allowed at 8 stations	45 minutes	9,856
6	10 stations, runs in mixed flow, some express bus service present, parking allowed at 6 stations	43 minutes	9,308
7	10 stations, runs in mixed flow, some express bus service present, parking allowed at all stations	43 minutes	10,252
8	10 Stations (slightly different locations than in model runs 6 and 7), runs in mixed flow, some express bus service present, parking allowed at 7 stations	44 minutes	9,069
9	13 Stations, runs in mixed flow, some express bus service present, parking allowed at 6 stations, bus route 38 adjusted	45 minutes	9,886
10	13 Stations, runs in peak-period transit only lane on 38th Ave (Fox to Harlan) and mixed flow otherwise, some express bus service present, parking allowed at 6 stations, feeder bus routes adjusted	41 minutes at peak, 45 minutes at off-peak	10,631
11	13 Stations, runs in dedicated lane all day on 38th Ave (Fox to Harlan) and mixed flow otherwise, some express bus service present, parking allowed at 6 stations	41 minutes	10,962

Comm. Rail (EMU)	7 Stations, runs in 100% exclusive right-of-way in the railroad alignment all day, express bus service present, parking allowed at 7 stations	25 minutes	15,900 to 18,200*
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*Lower number is without parking at 38th/44th Station. Higher number is with parking at 38th/44th Station.