

Level 2 - Alternative Analysis Results

	Alt 1 No Build & Alt 2 TSM	Alt 3 EMU- BN/UP	Alt 4 DMU- BN/UP	Alt 6B LRT- Lowell /52 nd	Alt 6BB LRT- Lowell /Ralston	Alt 6D LRT- Sheridan /Ralston	Alt 6F LRT- Lowell /BN	Alt 7A EMU/ Streetcar	Alt 7B Streetcar -Lowell /Ralston
1. Fulfill Purpose & Need									
	N/A	+	+	+	+	+	+	+	+
2. Affordability - Cost Effectiveness									
Distance (miles)	N/A	11	11	11	11	12	11	11	11
Number of Grade Separations	N/A	3	3	2	3	3	2	2	0
Number of 90 Degree Turns	N/A	0	0	6	8	6	6	11	12
Cost	N/A	\$466M	\$433M	\$460M	\$482M	\$525M	\$460M	\$389M	\$291M
3. Environmental Impacts									
Stream Crossings	N/A	5	5	3	4	4	3	5	4
Floodplain Acres Disturbed	N/A	2.5	2.5	1	6.5	6.5	1	5	6
Construction Acres Disturbed	N/A	54	54	87	90	90	87	54	54
Historic Districts Adjacent	N/A	3	3	4	5	6	4	3	5
4. Community Impacts/Benefits									
Parcels within 300 ft.	N/A	377	377	1,237	1,338	1,338	1,237	554	1,338
Population within ½ mi. of Stations	N/A	18,535	18,535	34,573	34,180	34,180	34,573	18,652	34,180
Potential Property Acquisitions	N/A	18	18	80	80	45	45	<10	<10
Low-Income Households within ½ mi. of Stations	N/A	1,242	1,242	2,361	2,306	2,306	2,361	1,225	2,306
Minority Populations within 1/2 mi. of Stations	N/A	6,774	6,774	15,694	15,621	15,621	15,694	6,844	15,621
Population Over Age 65 within ½ mi. of Stations	N/A	1,940	1,940	4,043	4,075	4,075	4,043	1,928	4,075
No-Auto Households within 1/2 mi. of Stations	N/A	601	601	1,566	1,499	1,499	1,566	600	1,499

+	Meets Criteria
-	Does Not Meet Criteria
0	Neutral

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5. Consistency with Local Land Use Plans									
Denver	-	+	+	○	○	○	○	○	○
Adams County	-	+	+	-	-	-	-	-	-
Arvada	-	+	+	-	-	-	-	-	-
Wheat Ridge	-	+	+	○	○	○	○	○	○
Jefferson County	-	+	+	○	○	○	○	○	○
6. Mobility Improvements									
Est. Average Speed*	N/A	27 mph	27 mph	24 mph	24 mph	24 mph	24 mph	23 mph	19 mph
Est. Travel Time*	N/A	25 min	25 min	27 min	27 min	30 min	27 min	29 min	35 min
Equivalent Auto Drive Time 2030	N/A	50 min	50 min	50 min	50 min	50 min	50 min	50 min	50 min
Preliminary Ridership*	N/A	14,000 - 17,000	14,000 - 17,000	13,000 - 16,000	13,000 - 16,000	12,000 - 16,000	13,000 - 16,000	10,000 - 13,000	11,000 - 13,000
Travel Markets Served	N/A	FasTracks Stations	FasTracks Stations	FasTracks Regis NW Denver	FasTracks Regis NW Denver	FasTracks NW Denver	FasTracks Regis NW Denver	FasTracks Stations	FasTracks Regis NW Denver
7. Degree of Community Support									
	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
8. Degree of Agency Support									
	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

*To be updated in Level 3 detailed evaluation

+	Meets Criteria
-	Does Not Meet Criteria
○	Neutral