

# 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 <sup>nd</sup>	Alt 6BB LRT- Lowell /Ralston	Alt 6D LRT- Sheridan /Ralston	Alt 6F LRT- Lowell /BN	Alt 7A EMU/ Streetcar	Alt 7B Streetcar -Lowell /Ralston
<b>1. Fulfill Purpose &amp; Need</b>									
	N/A	+	+	+	+	+	+	+	+
<b>2. Affordability - Cost Effectiveness</b>									
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
<b>3. Environmental Impacts</b>									
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
<b>4. Community Impacts/Benefits</b>									
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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<b>5. Consistency with Local Land Use Plans</b>									
Denver	-	+	+	○	○	○	○	○	○
Adams County	-	+	+	-	-	-	-	-	-
Arvada	-	+	+	-	-	-	-	-	-
Wheat Ridge	-	+	+	○	○	○	○	○	○
Jefferson County	-	+	+	○	○	○	○	○	○
<b>6. Mobility Improvements</b>									
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
<b>7. Degree of Community Support</b>									
	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
<b>8. Degree of Agency Support</b>									
	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD

\*To be updated in Level 3 detailed evaluation

+	Meets Criteria
-	Does Not Meet Criteria
○	Neutral