

Decision Matrix

This is the decision matrix for alternative D-4 that was selected as the final alternative, as it received the highest score in the decision matrix and resulted in the best balance of traffic improvements and need for new right-of-way.

Alternative	Traffic improvements	Impacts to right-of-way	Construction cost	Maintenance cost	Impacts to pedestrians and cyclists	Score
Weight	0.32	0.28	0.18	0.12	0.1	--
Alt A	0.5	3.0	3.0	3.0	2.0	2.10
Alt B	1.0	1.0	2.0	2.0	2.0	1.40
Alt C	1.5	1.0	1.5	2.0	2.0	1.47
Alt D-1	1.5	3.0	1.5	2.0	1.5	1.98
Alt D-2	2.0	3.0	1.5	2.0	2.0	2.19
Alt D-3	2.5	2.5	1.0	1.5	2.5	2.11
Alt D-4	3.0	2.5	1.0	1.5	2.5	2.27
Alt E-1	2.0	1.0	1.5	1.5	1.5	1.52
Alt E-2	2.5	1.0	1.5	1.5	2.0	1.73
Alt E-3	3.0	1.0	1.0	1.0	2.5	1.79
Alt E-4	3.0	1.0	1.0	1.0	2.5	1.79