

APPENDIX 6: Criteria Weighting and Scenario Scoring

Table F-2 provides a summary of the composite scores from the criteria weighting exercise, and the resulting weights used in the scoring of individual

Table F-2: Weighting Exercise Composite Score		
Criteria	Composite Score	Weighting
Safety	31	4
Truck Movement	26	3
Cost	24	3
Rail Access	22	3
Business Access	19	2
Capacity Congestion	18	2
ROW Acquisition	16	2
Impact to Bus Service	9	1
Bike Ped Connectivity	6	1

SCENARIO SCORING

Table F-3: Project Raw Scoring (unweighted)

	Safety	Impact to Bus Service	Rail Access	Truck Movement	Business Access	Bike-Ped	Capacity/ Congestion	ROW Acquisition	Cost	Overall Rating
Reduction of Access Points on SH-128	2	1	0	1	-1	2	0	0	0	5
Modification to the Intersection of 18th and SH-128	2	0	0	2	0	1	1	-1	-1	4
Modification to the Intersection of 20th and SH-128	2	1	0	1	0	1	1	-1	-1	4
Improvement to 18th Street	2	2	0	2	0	1	1	0	-2	6
Improvement to 20th Streets	2	0	0	1	2	2	0	0	-2	5
Closure of 7th Avenue at 18th Street N	1	1	0	1	0	0	1	0	0	4
12th Street Modifications (7th & 12th Cul-de-Sac)	1	0	2	-1	0	0	0	0	0	2
New Access Road Connecting 6th & 7th Avenues	1	0	1	1	1	0	0	0	-1	3
15th Street Closure	1	0	2	0	0	0	0	0	0	3
3rd Avenue South Container Yard Entry	1	0	2	2	0	0	0	0	-1	4

Table F-4: Project Weighted Scores

	Safety	Impact to Bus Service	Rail Access	Truck Movement	Business Access	Bike-Ped	Capacity/ Congestion	ROW Acquisition	Cost	Overall Rating
Reduction of Access Points on SH-128	8	1	0	3	-2	2	0	0	0	12
Modification to the Intersection of 18th and SH-128	8	0	0	6	0	1	2	-2	-3	12
Modification to the Intersection of 20th and SH-128	8	1	0	3	0	1	2	-2	-3	10
Improvement to 18th Street	8	2	0	6	0	1	2	0	-6	13
Improvement to 20th Street	8	0	0	3	4	2	0	0	-6	11
Closure of 7th Avenue at 18th Street N	4	1	0	3	0	0	2	0	0	10
12th Street Modifications (7th & 12th Cul-de-Sac)	4	0	6	-3	0	0	0	0	0	7
New Access Road Connecting 6th & 7th Avenues	4	0	3	3	2	0	0	0	-3	9
15th Street Closure	4	0	6	0	0	0	0	0	0	10
3rd Avenue South Container Yard Entry	4	0	6	6	0	0	0	0	-3	13