

Sensitivity Analysis for Right of Way Cost Adjustments

August 20, 2007

Legend:
 Green highlighted cells - alternative moved INTO the Top 25
 Red highlighted cells - alternative moved OUT of the Top 25

	Cross Section	Alignment	Interchange Type	2,3,4 lane	Rehab vs. replace	Differentiation	Updated Weights Decision Score	Updated Weights Ranking	Double Cost Decision Scores	Double Cost Rank	Triple Cost Decision Scores	Triple Cost Rank
1	D	Purple	Signal	Transit	Replace		71.18	1	71.10	1	71.05	1
2	D	Yellow South	Signal	Transit	Replace		71.16	2	71.03	2	70.95	2
3	C'	Purple	Signal	2	Replace		68.40	3	68.36	3	68.34	3
4	C	Purple	Signal	2	Replace		67.77	4	67.66	4	67.60	4
5	D	Blue	Signal	Transit	Replace		67.58	5	66.81	6	66.36	10
6	C'	Yellow South	Signal	2	Replace		67.54	6	67.45	5	67.41	5
7	C	Yellow South	Signal	2	Replace		66.89	7	66.75	8	66.66	8
8	D	Purple	Roundabout	Transit	Replace		66.67	8	66.76	7	66.82	6
9	D	Teal	Signal	Transit	Replace		66.43	9	66.60	9	66.70	7
10	F	Yellow South	Signal	3	Replace		66.38	10	66.41	10	66.44	9
11	F	Purple	Signal	3	Replace		66.21	11	66.30	11	66.35	11
12	K	Purple	Signal	4	Replace		66.20	12	66.22	12	66.24	12
13	D	Pink	Signal	Transit	Replace		65.19	13	65.03	14	64.94	14
14	D	Yellow South	Roundabout	Transit	Replace		64.74	14	64.79	15	64.83	15
15	C'	Blue	Signal	2	Replace		64.73	15	64.00	18	63.58	20
16	D	Yellow South	Signal	Transit	Truss Replace		64.72	16	65.42	13	65.84	13
17	C'	Purple	Roundabout	2	Replace		64.41	17	64.49	16	64.54	17
18	K	Teal	Signal	4	Replace		64.17	18	64.44	17	64.60	16
19	C	Blue	Signal	2	Replace		64.08	19	63.29	22	62.83	26
20	E	Purple	Signal	4	Replace		63.93	20	63.89	19	63.87	18
21	C	Purple	Roundabout	2	Replace		63.76	21	63.78	20	63.79	19
22	A'	Purple	Signal	2	Replace		63.61	22	63.28	23	63.08	24
23	D	Pink	Roundabout	Transit	Replace		63.51	23	63.51	21	63.52	21
24	K	Blue	Signal	4	Replace		63.17	24	62.50	28	62.11	29
25	F	Purple	Roundabout	3	Replace		63.07	25	63.27	24	63.39	22
26	D	Blue	Roundabout	Transit	Replace		63.04	26	62.45	29	62.10	30
27	E	Yellow South	Signal	4	Replace		62.96	27	62.87	26	62.82	27
28	F	Blue	Signal	3	Replace		62.63	28	62.02	31	61.67	35
29	F	Teal	Signal	3	Replace		62.63	29	62.96	25	63.16	23
30	K	Yellow South	Signal	4	Replace		62.37	30	62.34	30	62.33	28
31	D	Teal	Roundabout	Transit	Replace		62.30	31	62.66	27	62.87	25
32	C'	Teal	Signal	2	Replace		61.74	32	61.93	32	62.04	31
33	C'	Yellow South	Roundabout	2	Replace		61.72	33	61.75	34	61.77	34
34	K	Purple	Roundabout	4	Replace		61.57	34	61.76	33	61.87	33
35	F	Pink	Signal	3	Replace		61.39	35	61.38	36	61.38	37
36	F	Yellow South	Roundabout	3	Replace		61.21	36	61.35	37	61.44	36
37	C	Teal	Signal	2	Replace		61.11	37	61.23	38	61.30	38
38	A	Yellow South	Roundabout	2	Rehab		61.05	38	61.02	39	61.01	40
39	C'	Blue	Roundabout	2	Replace		60.79	39	60.18	43	59.82	45
40	K	Yellow South	Signal	4	Truss Replace		60.75	40	61.49	35	61.93	32
41	A'	Yellow South	Signal	2	Replace		60.62	41	60.45	41	60.35	43
42	E	Blue	Signal	4	Replace		60.34	42	59.61	48	59.18	51
43	C	Blue	Roundabout	2	Replace		60.12	43	59.45	50	59.06	54
44	C'	Pink	Signal	2	Replace		60.00	44	59.88	45	59.81	46
45	C'	Yellow South	Signal	2	Truss Replace		59.94	45	60.69	40	61.14	39
46	K	Pink	Signal	4	Replace		59.77	46	59.74	46	59.73	47
47	C	Yellow South	Signal	2	Truss Replace		59.75	47	60.44	42	60.86	41
48	F	Blue	Roundabout	3	Replace		59.51	48	59.01	55	58.72	57
49	A'	Purple	Roundabout	2	Replace		59.51	49	59.32	52	59.22	50
50	E	Purple	Roundabout	4	Replace		59.44	50	59.57	49	59.65	48
51	C	Pink	Signal	2	Replace		59.37	51	59.19	53	59.09	53
52	D	Yellow South	Roundabout	Transit	Truss Replace		59.18	52	60.07	44	60.60	42
53	E	Teal	Signal	4	Replace		59.17	53	59.39	51	59.51	49
54	F	Pink	Roundabout	3	Replace		59.00	54	59.09	54	59.15	52
55	F	Yellow South	Signal	3	Truss Replace		58.88	55	59.73	47	60.23	44
56	A'	Blue	Signal	2	Replace		58.78	56	57.78	61	57.19	69
57	K	Yellow South	Roundabout	4	Replace		58.73	57	58.87	56	58.96	55
58	E	Pink	Signal	4	Replace		57.93	58	57.82	60	57.76	61
59	N	Purple	Signal	4	Existing as Bike/Ped, New Bridge		57.93	59	58.45	57	58.77	56
60	F	Teal	Roundabout	3	Replace		57.79	60	58.25	58	58.52	58
61	C	Teal	Roundabout	2	Replace		57.64	61	57.91	59	58.06	59
62	C'	Pink	Roundabout	2	Replace		57.54	62	57.53	65	57.53	66
63	K	Blue	Roundabout	4	Replace		57.54	63	57.04	68	56.75	73
64	E	Yellow South	Roundabout	4	Replace		57.52	64	57.61	64	57.66	65
65	K	Pink	Roundabout	4	Replace		57.52	65	57.65	63	57.73	62
66	K	Teal	Roundabout	4	Replace		57.25	66	57.70	62	57.97	60
67	C'	Teal	Roundabout	2	Replace		57.18	67	57.50	66	57.69	64
68	A'	Teal	Signal	2	Replace		56.94	68	56.83	70	56.77	72
69	C	Pink	Roundabout	2	Replace		56.88	69	56.82	71	56.79	71
70	E	Yellow South	Signal	4	Truss Replace		56.52	70	57.27	67	57.71	63
71	N	Teal	Signal	4	Existing as Bike/Ped, New Bridge		56.10	71	56.88	69	57.34	67
72	L	Yellow Center	Signal	2	Rehab	w/ bridge detour	55.90	72	56.13	74	56.27	75
73	A'	Blue	Roundabout	2	Replace		55.84	73	54.98	84	54.48	87
74	E	Blue	Roundabout	4	Replace		55.82	74	55.26	81	54.94	83
75	N	Purple	Roundabout	4	Existing as Bike/Ped, New Bridge		55.75	75	56.48	73	56.92	70
76	F	Yellow South	Roundabout	3	Truss Replace		55.69	76	56.66	72	57.24	68
77	E	Pink	Roundabout	4	Replace		55.31	77	55.36	79	55.38	82
78	A	Yellow Center	Signal	2	Rehab	w/ bridge detour	55.13	78	55.33	80	55.46	81
79	C'	Yellow South	Roundabout	2	Truss Replace		54.99	79	55.86	75	56.38	74
80	N	Pink	Signal	4	Existing as Bike/Ped, New Bridge		54.98	80	55.48	78	55.77	78
81	C	Yellow South	Roundabout	2	Truss Replace		54.77	81	55.59	76	56.08	77
82	A'	Yellow South	Roundabout	2	Replace		54.67	82	54.65	85	54.64	86
83	N	Teal	Roundabout	4	Existing as Bike/Ped, New Bridge		54.55	83	55.55	77	56.15	76
84	A'	Pink	Signal	2	Replace		54.51	84	54.14	88	53.92	89

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85	L	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	54.49	85	55.25	82	55.70	79
86	K	Yellow South	Roundabout	4	Truss Replace		54.11	86	55.03	83	55.59	80
87	E	Teal	Roundabout	4	Replace		54.11	87	54.50	86	54.74	85
88	A	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	53.71	88	54.45	87	54.89	84
89	A'	Pink	Roundabout	2	Replace		53.56	89	53.34	90	53.21	92
90	N	Blue	Signal	4	Existing as Bike/Ped, New Bridge		53.30	90	53.06	92	52.93	93
91	L	Yellow Center	Signal	2	Rehab		53.25	91	53.27	91	53.28	91
92	N	Pink	Roundabout	4	Existing as Bike/Ped, New Bridge		52.83	92	53.52	89	53.94	88
93	A	Yellow Center	Signal	2	Rehab		52.49	93	52.47	94	52.47	96
94	N	Blue	Roundabout	4	Existing as Bike/Ped, New Bridge		52.46	94	52.44	95	52.44	97
95	A'	Teal	Roundabout	2	Replace		52.23	95	52.30	97	52.34	98
96	L	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	52.21	96	51.74	100	51.97	100
97	E	Yellow South	Roundabout	4	Truss Replace		51.97	97	52.89	93	53.45	90
98	I	Yellow Center	Signal	2	Rehab	w/ bridge detour	51.91	98	52.12	99	52.25	99
99	L	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	51.84	99	52.38	96	52.71	94
100	A'	Yellow South	Signal	2	Truss Replace		51.71	100	52.24	98	52.56	95
101	A	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	51.06	101	51.59	101	51.90	101
102	A	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	50.59	102	50.95	103	51.16	104
103	I	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	50.49	103	51.24	102	51.69	102
104	L	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	49.94	104	50.86	104	51.41	103
105	M	Purple	Signal	2	Existing as Bike/Ped, New Bridge		49.30	105	49.62	106	49.81	106
106	I	Yellow Center	Signal	2	Rehab		49.26	106	49.26	107	49.26	108
107	A	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	49.17	107	50.06	105	50.60	105
108	L	Yellow Center	Roundabout	2	Rehab		48.71	108	48.88	109	48.98	109
109	M	Teal	Signal	2	Existing as Bike/Ped, New Bridge		48.68	109	49.22	108	49.54	107
110	A	Yellow Center	Roundabout	2	Rehab		47.94	110	48.09	112	48.17	114
111	I	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	47.84	111	48.38	110	48.70	110
112	M	Pink	Signal	2	Existing as Bike/Ped, New Bridge		47.51	112	47.80	115	47.97	116
113	A'	Yellow South	Roundabout	2	Truss Replace		47.33	113	48.13	111	48.60	111
114	L	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	47.29	114	48.00	113	48.42	112
115	M	Purple	Roundabout	2	Existing as Bike/Ped, New Bridge		47.23	115	47.73	116	48.02	115
116	M	Teal	Roundabout	2	Existing as Bike/Ped, New Bridge		47.21	116	47.96	114	48.41	113
117	I	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	46.79	117	47.17	118	47.40	118
118	A	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	46.51	118	47.20	117	47.61	117
119	M	Blue	Signal	2	Existing as Bike/Ped, New Bridge		45.75	119	45.32	121	45.08	121
120	M	Pink	Roundabout	2	Existing as Bike/Ped, New Bridge		45.44	120	45.90	120	46.18	120
121	I	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	45.37	121	46.29	119	46.83	119
122	M	Blue	Roundabout	2	Existing as Bike/Ped, New Bridge		45.08	122	44.83	122	44.69	122
123	I	Yellow Center	Roundabout	2	Rehab		44.14	123	44.31	123	44.41	123
124	I	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	42.72	124	43.42	124	43.84	124