

Alternatives Rank Ordered with Correct Weights

August 20, 2007

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

	Cross Section	Alignment	Interchange Type	2,3,4 lane	Rehab vs. replace	Differentiation	Initial Total Decision Score	Initial Decision Score Rank	Correct Weights Decision Score	Correct Weights Ranking
1	D	Purple	Signal	Transit	Replace		72.97	1	71.18	1
2	D	Yellow South	Signal	Transit	Replace		72.26	2	71.16	2
3	C'	Purple	Signal	2	Replace		69.26	3	68.40	3
4	C	Purple	Signal	2	Replace		69.04	4	67.77	4
5	D	Blue	Signal	Transit	Replace		68.89	5	67.58	5
6	C'	Yellow South	Signal	2	Replace		67.92	7	67.54	6
7	C	Yellow South	Signal	2	Replace		67.69	9	66.89	7
8	D	Purple	Roundabout	Transit	Replace		67.50	10	66.67	8
9	D	Teal	Signal	Transit	Replace		66.11	13	66.43	9
10	F	Yellow South	Signal	3	Replace		67.32	11	66.38	10
11	F	Purple	Signal	3	Replace		67.72	8	66.21	11
12	K	Purple	Signal	4	Replace		68.74	6	66.20	12
13	D	Pink	Signal	Transit	Replace		65.06	18	65.19	13
14	D	Yellow South	Roundabout	Transit	Replace		64.93	19	64.74	14
15	C'	Blue	Signal	2	Replace		65.11	17	64.73	15
16	D	Yellow South	Signal	Transit	Truss Replace		64.82	22	64.72	16
17	C'	Purple	Roundabout	2	Replace		64.25	23	64.41	17
18	K	Teal	Signal	4	Replace		65.15	16	64.17	18
19	C	Blue	Signal	2	Replace		64.87	20	64.08	19
20	E	Purple	Signal	4	Replace		67.00	12	63.93	20
21	C	Purple	Roundabout	2	Replace		64.00	24	63.76	21
22	A'	Purple	Signal	2	Replace		64.86	21	63.61	22
23	D	Pink	Roundabout	Transit	Replace		62.54	31	63.51	23
24	K	Blue	Signal	4	Replace		65.25	15	63.17	24
25	F	Purple	Roundabout	3	Replace		63.52	27	63.07	25
26	D	Blue	Roundabout	Transit	Replace		63.39	28	63.04	26
27	E	Yellow South	Signal	4	Replace		65.57	14	62.96	27
28	F	Blue	Signal	3	Replace		63.67	26	62.63	28
29	F	Teal	Signal	3	Replace		61.92	32	62.63	29
30	K	Yellow South	Signal	4	Replace		63.81	25	62.37	30
31	D	Teal	Roundabout	Transit	Replace		60.78	40	62.30	31
32	C'	Teal	Signal	2	Replace		60.73	41	61.74	32
33	C'	Yellow South	Roundabout	2	Replace		61.14	36	61.72	33
34	K	Purple	Roundabout	4	Replace		63.15	29	61.57	34
35	F	Pink	Signal	3	Replace		60.86	39	61.39	35
36	F	Yellow South	Roundabout	3	Replace		61.01	37	61.21	36
37	C	Teal	Signal	2	Replace		60.51	42	61.11	37
38	A	Yellow South	Roundabout	2	Rehab		60.87	38	61.05	38
39	C'	Blue	Roundabout	2	Replace		60.15	44	60.79	39
40	K	Yellow South	Signal	4	Truss Replace		61.62	33	60.75	40
41	A'	Yellow South	Signal	2	Replace		61.38	35	60.62	41
42	E	Blue	Signal	4	Replace		62.94	30	60.34	42
43	C	Blue	Roundabout	2	Replace		59.89	46	60.12	43
44	C'	Pink	Signal	2	Replace		59.15	53	60.00	44
45	C'	Yellow South	Signal	2	Truss Replace		59.32	52	59.94	45
46	K	Pink	Signal	4	Replace		60.38	43	59.77	46
47	C	Yellow South	Signal	2	Truss Replace		59.55	50	59.75	47
48	F	Blue	Roundabout	3	Replace		59.48	51	59.51	48
49	A'	Purple	Roundabout	2	Replace		59.73	48	59.51	49
50	E	Purple	Roundabout	4	Replace		61.55	34	59.44	50
51	C	Pink	Signal	2	Replace		58.93	58	59.37	51
52	D	Yellow South	Roundabout	Transit	Truss Replace		58.56	60	59.18	52
53	E	Teal	Signal	4	Replace		60.13	45	59.17	53
54	F	Pink	Roundabout	3	Replace		57.88	62	59.00	54
55	F	Yellow South	Signal	3	Truss Replace		58.95	57	58.88	55
56	A'	Blue	Signal	2	Replace		59.67	49	58.78	56
57	K	Yellow South	Roundabout	4	Replace		59.80	47	58.73	57
58	E	Pink	Signal	4	Replace		59.08	55	57.93	58
59	N	Purple	Signal	4	Existing as Bike/Ped, New Bridge		59.10	54	57.93	59
60	F	Teal	Roundabout	3	Replace		56.11	70	57.79	60
61	C	Teal	Roundabout	2	Replace		55.88	73	57.64	61
62	C'	Pink	Roundabout	2	Replace		56.18	68	57.54	62
63	K	Blue	Roundabout	4	Replace		58.77	59	57.54	63
64	E	Yellow South	Roundabout	4	Replace		59.00	56	57.52	64
65	K	Pink	Roundabout	4	Replace		57.68	63	57.52	65
66	K	Teal	Roundabout	4	Replace		57.31	65	57.25	66
67	C'	Teal	Roundabout	2	Replace		55.12	77	57.18	67
68	A'	Teal	Signal	2	Replace		56.32	66	56.94	68
69	C	Pink	Roundabout	2	Replace		55.92	72	56.88	69
70	E	Yellow South	Signal	4	Truss Replace		58.15	61	56.52	70
71	N	Teal	Signal	4	Existing as Bike/Ped, New Bridge		56.09	71	56.10	71
72	L	Yellow Center	Signal	2	Rehab	w/ bridge detour	56.15	69	55.90	72
73	A'	Blue	Roundabout	2	Replace		55.59	75	55.84	73
74	E	Blue	Roundabout	4	Replace		57.46	64	55.82	74
75	N	Purple	Roundabout	4	Existing as Bike/Ped, New Bridge		56.18	67	55.75	75
76	F	Yellow South	Roundabout	3	Truss Replace		54.69	79	55.69	76
77	E	Pink	Roundabout	4	Replace		55.87	74	55.31	77

	Cross Section	Alignment	Interchange Type	2,3,4 lane	Rehab vs. replace	Differentiation	Initial Total Decision Score	Initial Decision Score Rank	Correct Weights Decision Score	Correct Weights Ranking
78	A	Yellow Center	Signal	2	Rehab	w/ bridge detour	55.37	76	55.13	78
79	C'	Yellow South	Roundabout	2	Truss Replace		53.57	90	54.99	79
80	N	Pink	Signal	4	Existing as Bike/Ped, New Bridge		54.95	78	54.98	80
81	C	Yellow South	Roundabout	2	Truss Replace		53.78	86	54.77	81
82	A'	Yellow South	Roundabout	2	Replace		54.46	81	54.67	82
83	N	Teal	Roundabout	4	Existing as Bike/Ped, New Bridge		53.78	87	54.55	83
84	A'	Pink	Signal	2	Replace		54.06	85	54.51	84
85	L	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	54.54	80	54.49	85
86	K	Yellow South	Roundabout	4	Truss Replace		54.38	82	54.11	86
87	E	Teal	Roundabout	4	Replace		54.10	84	54.11	87
88	A	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	53.76	88	53.71	88
89	A'	Pink	Roundabout	2	Replace		52.36	95	53.56	89
90	N	Blue	Signal	4	Existing as Bike/Ped, New Bridge		54.22	83	53.30	90
91	L	Yellow Center	Signal	2	Rehab		53.64	89	53.25	91
92	N	Pink	Roundabout	4	Existing as Bike/Ped, New Bridge		52.06	96	52.83	92
93	A	Yellow Center	Signal	2	Rehab		52.86	93	52.49	93
94	N	Blue	Roundabout	4	Existing as Bike/Ped, New Bridge		53.38	91	52.46	94
95	A'	Teal	Roundabout	2	Replace		50.56	102	52.23	95
96	L	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	51.34	99	52.21	96
97	E	Yellow South	Roundabout	4	Truss Replace		52.63	94	51.97	97
98	I	Yellow Center	Signal	2	Rehab	w/ bridge detour	52.88	92	51.91	98
99	L	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	52.03	97	51.84	99
100	A'	Yellow South	Signal	2	Truss Replace		51.59	98	51.71	100
101	A	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	51.25	101	51.06	101
102	A	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	49.68	105	50.59	102
103	I	Yellow Center	Signal	2	Rehab	w/ bridge detour and phase 2 seismic	51.27	100	50.49	103
104	L	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	48.86	106	49.94	104
105	M	Purple	Signal	2	Existing as Bike/Ped, New Bridge		49.86	104	49.30	105
106	I	Yellow Center	Signal	2	Rehab		50.37	103	49.26	106
107	A	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	48.08	108	49.17	107
108	L	Yellow Center	Roundabout	2	Rehab		47.96	109	48.71	108
109	M	Teal	Signal	2	Existing as Bike/Ped, New Bridge		47.93	110	48.68	109
110	A	Yellow Center	Roundabout	2	Rehab		47.17	111	47.94	110
111	I	Yellow Center	Signal	2	Rehab	w/ phase 2 seismic	48.76	107	47.84	111
112	M	Pink	Signal	2	Existing as Bike/Ped, New Bridge		46.75	114	47.51	112
113	A'	Yellow South	Roundabout	2	Truss Replace		46.29	116	47.33	113
114	L	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	46.35	115	47.29	114
115	M	Purple	Roundabout	2	Existing as Bike/Ped, New Bridge		47.06	112	47.23	115
116	M	Teal	Roundabout	2	Existing as Bike/Ped, New Bridge		45.71	118	47.21	116
117	I	Yellow Center	Roundabout	2	Rehab	w/ bridge detour	46.96	113	46.79	117
118	A	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	45.56	119	46.51	118
119	M	Blue	Signal	2	Existing as Bike/Ped, New Bridge		45.93	117	45.75	119
120	M	Pink	Roundabout	2	Existing as Bike/Ped, New Bridge		43.93	123	45.44	120
121	I	Yellow Center	Roundabout	2	Rehab	w/ bridge detour and phase 2 seismic	45.36	120	45.37	121
122	M	Blue	Roundabout	2	Existing as Bike/Ped, New Bridge		45.26	121	45.08	122
123	I	Yellow Center	Roundabout	2	Rehab		44.45	122	44.14	123
124	I	Yellow Center	Roundabout	2	Rehab	w/ phase 2 seismic	42.84	124	42.72	124