

## **APPENDIX L**

### **SIGNIFICANCE THRESHOLD CRITERIA ANALYSIS FOR TRANSPORTATION IMPACTS**

AM PEAK HOUR

#	Intersection Name	Traffic Control	Existing			Project			▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
			Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS			D (ex w/imp) to E or F (proj)	if E (ex), proj causes crit mov delay > 6 sec	if E (ex), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St	Signal	80.3	0.99	F	86.9	1.00	F	6.60	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St		23.2	0.67	C	23.8	0.68	C	0.60	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St		10.1	0.56	B	10.1	0.57	B	0.00	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St		6.2	0.46	A	5.8	0.47	A	-0.40	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St		12.2	0.36	B	12.6	0.37	B	0.40	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave		18.7	0.56	B	20.2	0.59	C	1.50	3.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
7	Claremont Ave & Clark St		9.8		A	11.2		B	1.40	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St		36.3	0.72	D	39.7	0.74	D	3.40	2.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
9	51st St & Clark St		35.1		E	35.8		E	0.70	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT

PM PEAK HOUR

#	Intersection Name	Traffic Control	Existing			Project			▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
			Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS			D (ex w/imp) to E or F (proj)	if E (ex), proj causes crit mov delay > 6 sec	if E (ex), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St		99.2	1.07	F	102.9	1.07	F	3.70	0.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St		10.1	0.58	B	10.1	0.59	B	0.00	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St		36.3	0.94	D	38.1	0.95	D	1.80	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St		12.0	0.63	B	11.9	0.64	B	-0.10	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St		14.6	0.46	B	14.9	0.47	B	0.30	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave		26.5	0.76	C	28.3	0.79	C	1.80	3.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
7	Claremont Ave & Clark St		10.3		B	11.5		B	1.20	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St		62.1	0.83	E	63.0	0.90	E	0.90	7.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
9	51st St & Clark St		96.8		F	148.2		F	51.40	0.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT

AM PEAK HOUR

#	Intersection Name	Cumulative Baseline (2015)			Cumulative w/ Project (2015)			# trips	▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
		Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS				D (cum base) to E or F (cum w/proj)	if E (cum base), proj causes crit mov delay > 6 sec	if E (cum base), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St	92.4	1.08	F	98.0	1.09	F	49	5.60	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St	24.9	0.85	C	24.2	0.86	C	35	-0.70	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St	9.2	0.59	A	9.2	0.59	A	35	0.00	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St	33.5	1.44	C	36.0	1.49	D	35	2.50	5.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St	13.7	0.41	B	14.0	0.42	B	39	0.30	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave	23.4	0.76	C	24.9	0.79	C	48	1.50	3.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
7	Claremont Ave & Clark St	10.3		B	11.9		B	88	1.60	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St	74.8	1.18	E	77.7	1.11	E	67	2.90	-7.00	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
9	51st St & Clark St	44.1		E	46.7		E	84	2.60	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT

PM PEAK HOUR

#	Intersection Name	Cumulative Baseline (2015)			Cumulative w/ Project (2015)			# trips	▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
		Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS				D (cum base) to E or F (cum w/proj)	if E (cum base), proj causes crit mov delay > 6 sec	if E (cum base), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St	69.4	1.03	E	71.8	1.04	E	43	2.40	1.00	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St	8.1	0.54	A	8.1	0.55	A	35	0.00	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St	42.9	0.98	D	43.7	0.98	D	35	0.80	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St	11.1	0.56	B	11.0	0.57	B	35	-0.10	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St	16.0	0.50	B	16.3	0.50	B	50	0.30	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave	26.2	0.88	C	33.1	0.91	C	41	6.90	3.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
7	Claremont Ave & Clark St	11.5		B	13.0		B	91	1.50	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St	69.8	1.03	E	73.8	1.11	E	68	4.00	8.00	NO IMPACT	IMPACT	IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
9	51st St & Clark St	177.4		F	277.9		F	85	100.50	0.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT

AM PEAK HOUR

#	Intersection Name	Cumulative Baseline (2030)			Cumulative w/ Project (2030)			# trips	▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
		Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS				D (cum base) to E or F (cum w/proj)	if E (cum base), proj causes crit mov delay > 6 sec	if E (cum base), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St	168.9	1.22	F	176.1	1.23	F	49	7.20	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St	68.8	1.07	E	71.2	1.08	E	35	2.40	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St	15.1	0.74	B	15.3	0.75	B	35	0.20	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St	79.6	2.49	E	84.8	2.60	F	35	5.20	11.00	NO IMPACT	IMPACT	IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St	135.5	0.78	F	138.0	0.79	F	39	2.50	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave	159.3	1.37	F	167.5	1.41	F	48	8.20	4.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	IMPACT
7	Claremont Ave & Clark St	14.8		B	20.6		C	88	5.80	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St	142.4	1.32	F	145.0	1.33	F	67	2.60	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
9	51st St & Clark St	110.4		F	147.7		F	84	37.30	0.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT

PM PEAK HOUR

#	Intersection Name	Cumulative Baseline (2030)			Cumulative w/ Project (2030)			# trips	▲ Avg Delay	▲ V/C (%)	trigger 1	trigger 2	trigger 3	trigger 4	trigger 5	trigger 6
		Avg. Delay	V/C	LOS	Avg. Delay	V/C	LOS				D (cum base) to E or F (cum w/proj)	if E (cum base), proj causes crit mov delay > 6 sec	if E (cum base), int avg delay (proj) > 4.0 sec or LOS F	if F, project avg delay > 2.0 sec	if F crit mov > 4 sec	if F v/c ratio > 3%
1	Shattuck Ave & 52nd St	85.9	1.09	F	88.6	1.10	F	43	2.70	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
2	Telegraph Ave & Aileen St	12.5	0.62	B	12.9	0.63	B	35	0.40	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
3	Telegraph Ave & 56th St	37.6	0.95	D	38.9	0.96	D	35	1.30	1.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
4	Telegraph Ave & 55th St	12.4	0.71	B	12.2	0.74	B	35	-0.20	3.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
5	Claremont Ave & Clifton St	36.8	0.53	D	38.6	0.53	D	50	1.80	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
6	Telegraph Ave & Claremont Ave	57.1	0.97	E	67.1	1.00	E	41	10.00	3.00	NO IMPACT	IMPACT	IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
7	Claremont Ave & Clark St	15.0		C	18.9		C	91	3.90	0.00	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT	NO IMPACT
8	Telegraph Ave & 51st St	115.4	1.28	F	121.4	1.29	F	68	6.00	1.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	IMPACT	NO IMPACT
9	51st St & Clark St	908.8		F	1308.2		F	85	399.40	0.00	NO IMPACT	NO IMPACT	NO IMPACT	IMPACT	NO IMPACT	NO IMPACT