

Travel Time Results- Adaptive Traffic Signal Control Technology Pilot

Table 1: Non Event Average Travel Times

Route	Scenario	AM Peak (s)	Off Peak (s)	PM Peak (s)
101 St NB	before	195.49	203.66	233.43
	after	204.25	198.33	225.39
101 St SB	before	238.27	217.21	254.18
	after	248.88	225.80	271.24
103A Ave EB	before	94.38	99.30	95.12
	after	114.37	105.36	145.36
103A Ave WB	before	107.18	84.90	92.04
	after	130.52	100.40	148.50
111 Ave EB	before	69.36	62.80	78.71
	after	77.98	71.45	94.55
111 Ave WB	before	71.39	65.06	77.16
	after	76.56	69.13	77.92
<i>Decreased travel time</i> <i>Increased travel time</i>				

Table 2: Non Event Travel Time Percent Change

Route	AM Peak	Off Peak	PM Peak
101 St NB	4.5%	-2.6%	-3.5%
101 St SB	4.5%	4.0%	6.7%
103A Ave EB	21.2%	6.1%	52.8%
103A Ave WB	21.8%	18.2%	61.4%
111 Ave EB	12.4%	13.8%	20.1%
111 Ave WB	7.2%	6.3%	1.0%
<i>Decreased travel time</i> <i>Increased travel time</i>			

Table 3: Event Egress Average Travel Times (1 Hour After Event)

Route	Scenario	Major Event (s)	Minor Event (s)
101 St NB	before	197.46	181.70
	after	186.22	216.10
101 St SB	before	214.90	187.60
	after	217.26	210.90
103A Ave EB	before	90.62	91.50
	after	111.97	106.20
103A Ave WB	before	92.27	88.60
	after	111.43	114.70
111 Ave EB	before	55.28	57.00
	after	63.11	70.20
111 Ave WB	before	61.84	58.50
	after	60.05	61.80
<i>Decreased travel time</i> <i>Increased travel time</i>			

Table 4: Event Egress Average Travel Times Percent Change (1 Hour After Event)

Route	Major Event	Minor Event
101 St NB	-5.7%	18.9%
101 St SB	1.1%	12.4%
103A Ave EB	23.6%	16.1%
103A Ave WB	20.8%	29.4%
111 Ave EB	14.2%	23.0%
111 Ave WB	-2.9%	5.8%
<i>Decreased travel time</i> <i>Increased travel time</i>		

Dates

Non-Event Dates

Before: Sept 9, 10, 11, 12, 13

After: Nov 22, Dec 02, 09, Jan 21, 30

AM-Peak: 6:30-9:00

PM-Peak: 15:30-18:30

Off-Peak: 9:00-15:30 and 18:30-23:00

Event Dates

Before: Major Event: Oct 24 (Thursday), Sept 20 (Friday)

Minor Event: Nov 1 (Friday)

After: Major Event: Jan 29 (Wednesday), Dec 6 (Friday)

Minor Event: Dec 13 (Friday)