APPENDIX D
TRANSPORTATION

TABLE D-1
EXISTING INTERSECTION LEVEL OF SERVICE ANALYSIS

	Existing AM Peak Hour					Existing Midday Peak Hour					Existing PM Peak Hour					Existing SAT Peak Hour				
Intersections	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Signalized																				
Broadway (EB-WB) &	EB	LT	0.39	10.1	B	EB	LT	0.56	14.7	B	EB	LT	0.61	13.9	B	EB	LT	0.75	21.1	C
43rd Street (NB)	WB	TR	0.61	13.8	B	WB	TR	0.59	15.2	B	WB	TR	0.62	13.7	B	WB	TR	0.69	18.0	B
	NB	LTR	1.05	91.5	F *	NB	LTR	1.03	89.2	F *	NB	LTR	1.05	89.9	F *	NB	LTR	1.05	93.5	F *
34th Avenue (EB-WB) &	EB	TR	0.39	10.6	B	EB	TR	0.46	11.5	B	EB	TR	0.59	14.1	B	EB	TR	0.55	12.9	B
38th Street (SB)	WB	LT	0.51	12.4	B	WB	LT	0.56	13.2	B	WB	LT	0.45	11.3	B	WB	LT	0.47	11.5	B
	SB	LTR	0.55	21.9	C	SB	LTR	0.58	22.6	C	SB	LTR	0.56	22.0	C	SB	LTR	0.56	22.2	C
34th Avenue (EB-WB) &	EB	LT	0.29	9.5	A	EB	LT	0.46	11.8	B	EB	LT	0.54	13.2	B	EB	LT	0.60	14.3	B
41st Street (NB)	WB	TR	0.50	12.1	B	WB	TR	0.50	12.1	B	WB	TR	0.57	13.4	B	WB	TR	0.54	12.8	B
	NB	LTR	0.33	22.8	C	NB	LTR	0.35	18.4	B	NB	LTR	0.53	24.6	C	NB	LTR	0.37	22.1	C
34th Avenue (EB-WB) &	EB	LT	0.27	9.3	A	EB	LT	0.44	11.5	B	EB	LT	0.47	11.6	B	EB	LT	0.54	13.1	B
43rd Street (NB)	WB	TR	0.59	13.9	B	WB	TR	0.52	12.3	B	WB	TR	0.55	12.9	B	WB	TR	0.55	12.9	B
	NB	LTR	0.60	23.5	C	NB	LTR	0.62	30.4	C	NB	LTR	0.75	34.3	C	NB	LTR	0.71	32.4	C
35th Avenue (EB-WB) &	EB	LT	0.41	13.1	B	EB	LT	0.40	12.5	B	EB	LT	0.44	13.0	B	EB	LT	0.41	12.5	B
37th Street (NB)	WB	TR	0.59	10.2	B	WB	TR	0.45	8.3	A	WB	TR	0.49	8.5	A	WB	TR	0.49	8.8	A
	NB	LTR	0.45	16.5	B	NB	LTR	0.34	21.6	C	NB	LTR	0.44	15.5	B	NB	LTR	0.28	19.5	B
35th Avenue (EB-WB) &	EB	TR	0.40	8.8	A	EB	TR	0.42	7.6	A	EB	TR	0.47	8.4	A	EB	TR	0.47	8.1	A
38th Street (SB)	WB	LT	0.59	21.8	C	WB	LT	0.43	13.1	B	WB	LT	0.41	12.6	B	WB	LT	0.44	13.2	B
	SB	LTR	0.50	24.8	C	SB	LTR	0.54	22.7	C	SB	LTR	0.64	23.4	C	SB	LTR	0.51	22.4	C
35th Avenue (EB-WB) &	EB	LTR	0.34	15.6	B	EB	LTR	0.91	62.3	E *	EB	LTR	0.94	64.8	E *	EB	LTR	0.80	44.9	D
Steinway Street (NB-SB)	WB	LTR	0.44	19.7	B	WB	LTR	0.53	30.3	C	WB	LTR	0.64	33.7	C	WB	LTR	0.57	30.9	C
	NB	LTR	0.46	14.4	B	NB	LTR	0.43	13.1	B	NB	LTR	0.44	13.2	B	NB	LTR	0.57	15.6	B
	SB	LTR	0.86	48.7	D	SB	LTR	0.40	12.6	B	SB	LTR	0.45	13.4	B	SB	LTR	0.40	12.6	B
35th Avenue (EB-WB) &	EB	LT	0.32	14.8	B	EB	LT	0.32	9.7	A	EB	LT	0.44	11.2	B	EB	LT	0.33	9.8	A
41st Street (NB)	WB	TR	0.38	5.1	A	WB	TR	0.29	4.7	A	WB	TR	0.40	8.2	A	WB	TR	0.36	5.9	A
	NB	LTR	0.24	16.5	B	NB	LTR	0.29	17.1	B	NB	LTR	0.35	18.0	B	NB	LTR	0.20	15.9	B
35th Avenue (EB-WB) &	EB	TR	0.25	6.7	A	EB	TR	0.34	7.1	A	EB	TR	0.41	8.0	A	EB	TR	0.33	6.9	A
42nd Street (SB)	WB	LT	0.37	7.4	A	WB	LT	0.29	5.5	A	WB	LT	0.30	8.4	A	WB	LT	0.32	5.9	A
	SB	LTR	0.39	16.2	B	SB	LTR	0.36	15.8	B	SB	LTR	0.48	17.9	B	SB	LTR	0.48	17.7	B
35th Avenue (EB-WB) &	EB	L	0.15	6.6	A	EB	L	0.24	7.1	A	EB	L	0.35	7.9	A	EB	L	0.22	6.2	A
43rd Street (NE)	WB	TR	0.36	11.0	B	WB	TR	0.29	11.3	B	WB	TR	0.29	13.8	B	WB	TR	0.32	11.1	B
	NE	LT	0.36	8.1	A	NE	LT	0.31	12.2	B	NE	LT	0.44	15.4	B	NE	LT	0.40	13.1	B
36th Avenue (EB-WB) &	EB	LT	0.30	9.6	A	EB	LT	0.41	10.8	B	EB	LT	0.47	11.6	B	EB	LT	0.32	9.6	A
37th Street (NB)	WB	TR	0.54	9.4	A	WB	TR	0.39	5.4	A	WB	TR	0.27	11.6	B	WB	TR	0.39	5.7	A
	NB	LTR	0.33	17.4	B	NB	LTR	0.29	16.7	B	NB	LTR	0.41	18.3	B	NB	LTR	0.25	16.4	B
36th Avenue (EB-WB) &	EB	TR	0.26	6.9	A	EB	TR	0.36	5.8	A	EB	TR	0.41	4.6	A	EB	TR	0.33	5.9	A
38th Street (SB)	WB	LT	0.48	8.6	A	WB	LT	0.36	8.1	A	WB	LT	0.28	5.7	A	WB	LT	0.35	7.4	A
	SB	LTR	0.62	27.3	C	SB	LTR	0.51	24.9	C	SB	LTR	0.56	19.4	B	SB	LTR	0.50	22.9	C
36th Avenue (EB-WB) &	EB	LTR	0.42	32.3	C	EB	LTR	0.74	43.1	D	EB	LTR	0.92	69.9	E *	EB	LTR	0.79	49.9	D
Steinway Street (NB-SB)	WB	LTR	0.57	42.3	D	WB	LTR	0.41	37.4	D	WB	LTR	0.45	38.6	D	WB	LTR	0.45	38.5	D
	NB	LTR	0.30	21.3	C	NB	LTR	0.36	3.0	A	NB	LTR	0.32	14.7	B	NB	LTR	0.42	3.0	A
	SB	LTR	0.40	2.4	A	SB	LTR	0.33	11.7	B	SB	LTR	0.31	11.4	B	SB	LTR	0.39	12.4	B
Northern Boulevard (EB-WB) &	EB	LT	0.31	15.9	B	EB	LT	0.41	17.4	B	EB	LT	0.47	18.4	B	EB	LT	0.43	17.7	B
Queensboro Bridge (SB)	WB	T	0.23	39.8	D	WB	T	0.35	26.8	C	WB	T	0.44	34.9	C	WB	T	0.36	20.8	C
	WB	R	1.05	49.6	D *	WB	R	0.99	65.2	E *	WB	R	0.99	39.5	D *	WB	R	1.05	76.5	E *
	SB	L	0.81	40.2	D	SB	L	0.72	36.2	D	SB	L	0.95	52.7	D *	SB	L	0.82	40.2	D
Northern Boulevard (EB-WB) &	EB	TR	0.69	32.2	C	EB	TR	0.62	21.8	C	EB	TR	0.83	16.7	B	EB	TR	0.71	26.2	C
40th Road (SB) &	WB	L	0.08	7.9	A	WB	L	0.03	7.2	A	WB	L	-	-		WB	L	0.05	6.7	A
Driveway (NB)	WB	T	0.91	15.4	B *	WB	T	0.67	14.8	B	WB	T	0.62	13.2	B	WB	T	0.78	17.4	B
	NB	LTR	-	-		NB	LTR	0.02	37.1	D	NB	LTR	0.04	37.3	D	NB	LTR	-	-	
	SB	LTR	0.60	52.9	D	SB	LTR	0.65	55.0	E *	SB	LTR	0.88	78.2	E *	SB	LTR	0.65	54.6	D
Northern Boulevard (EB-WB) &	EB	L	0.58	49.0	D	EB	L	0.69	43.4	D	EB	L	0.41	47.0	D	EB	L	0.45	36.0	D
40th Avenue &	EB	T	0.75	14.4	B	EB	T	0.72	25.0	C	EB	T	0.88	12.9	B	EB	T	0.69	18.6	B
31st Street (SB)	WB	T	0.86	8.0	A	WB	T	0.58	8.1	A	WB	T	0.53	6.3	A	WB	T	0.67	10.2	B
	WB	R	0.03	0.0	A	WB	R	0.18	0.3	A	WB	R	0.19	0.3	A	WB	R	0.16	0.2	A
	SB	TR	0.36	35.0	D	SB	TR	0.40	35.7	D	SB	TR	0.46	36.8	D	SB	TR	0.46	36.9	D
Northern Boulevard (EB-WB) &	EB	LTR	0.73	9.6	A	EB	LTR	0.59	9.0	A	EB	LTR	0.94	8.0	A *	EB	LTR	0.67	8.0	A
39th Avenue &	WB	TR	0.85	9.2	A	WB	TR	0.52	12.0	B	WB	TR	0.54	37.1	D	WB	TR	0.60	13.1	B
Honeywell Street (NB)	NB	L	0.42	41.4	D	NB	L	0.59	48.4	D	NB	L	0.54	44.8	D	NB	L	0.96	84.2	F *
	NB	TR	0.92	75.5	E *	NB	TR	1.05	112.3	F *	NB	TR	1.05	105.6	F *	NB	TR	0.98	88.3	F *
Northern Boulevard (EB-WB) &	EB	T	0.43	7.5	A	EB	T	0.41	10.8	B	EB	T	0.81	31.0	C	EB	T	0.45	11.2	B
34th Street (SB)	WB	T	0.76	1.4	A	WB	T	0.46	11.8	B	WB	T	0.51	13.6	B	WB	T	0.57	14.2	B
	SB	LR	0.27	38.4	D	SB	LR	0.48	45.6	D	SB	LR	0.42	42.1	D	SB	LR	0.39	42.4	D

Intersections	Existing AM Peak Hour					Existing Midday Peak Hour					Existing PM Peak Hour					Existing SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Northern Boulevard (EB-WB) &	EB	L	1.01	112.8	F *	EB	L	0.28	4.3	A	EB	L	0.53	6.2	A	EB	L	0.41	9.4	A
35th Street &	EB	T	0.40	11.8	B	EB	T	0.40	1.6	A	EB	T	0.75	2.8	A	EB	T	0.45	1.6	A
38th Avenue (SB)	WB	TR	0.93	8.7	A *	WB	TR	0.56	9.7	A	WB	TR	0.58	9.2	A	WB	TR	0.63	9.8	A
	SB	LTR	0.57	46.7	D	SB	LTR	0.88	75.0	E *	SB	LTR	0.95	85.3	F *	SB	LTR	0.52	46.7	D
Northern Boulevard (EB-WB) &	EB	T	0.49	12.3	B	EB	T	0.49	10.6	B	EB	T	0.84	13.8	B	EB	T	0.49	6.8	A
36th Street (SB)	WB	T	0.89	4.2	A	WB	T	0.49	7.8	A	WB	T	0.54	11.0	B	WB	T	0.60	5.5	A
	SB	LR	0.21	37.0	D	SB	LR	0.21	38.5	D	SB	LR	0.22	37.1	D	SB	LR	0.17	37.8	D
Northern Boulevard (EB-WB) &	EB	L	0.80	69.5	E *	EB	L	0.24	3.6	A	EB	L	0.32	2.6	A	EB	L	0.35	6.2	A
37th Street (SB) &	EB	TR	0.48	16.1	B	EB	TR	0.55	3.0	A	EB	TR	0.82	3.8	A	EB	TR	0.54	2.3	A
Standard Lane (NB)	WB	LT	0.89	8.7	A	WB	LT	0.51	6.6	A	WB	LT	0.55	9.4	A	WB	LT	0.65	5.9	A
	NB	LTR	-	-		NB	LTR	0.02	31.9	C	NB	LTR	0.02	34.0	C	NB	LTR	-	-	
	SB	LTR	0.66	52.2	D	SB	LTR	0.69	50.7	D	SB	LTR	0.95	87.0	F *	SB	LTR	0.66	48.6	D
Northern Boulevard (EB-WB) &	EB	T	0.56	18.2	B	EB	T	0.56	7.1	A	EB	T	0.96	23.5	C *	EB	T	0.58	8.6	A
38th Street (SB)	WB	T	0.95	13.6	B *	WB	T	0.52	2.8	A	WB	T	0.58	13.9	B	WB	T	0.62	2.8	A
	SB	LR	0.80	59.1	E *	SB	LR	0.64	59.3	E *	SB	LR	0.63	50.5	D	SB	LR	0.63	58.8	E *
Northern Boulevard (EB-WB) &	EB	L	0.67	52.7	D	EB	L	0.38	14.6	B	EB	L	0.54	7.9	A	EB	L	0.84	52.3	D
39th Street (NB) &	EB	TR	0.74	22.7	C	EB	TR	0.86	18.2	B	EB	TR	1.05	39.6	D *	EB	TR	0.81	15.2	B
Steinway Street (SB)	WB	L	1.05	36.9	D *	WB	L	1.00	89.3	F *	WB	L	1.05	149.8	F *	WB	L	0.88	51.9	D
	WB	TR	1.05	29.7	C *	WB	TR	1.01	42.5	D *	WB	TR	0.96	38.9	D *	WB	TR	0.72	5.5	A
	NB	L	0.69	57.3	E *	NB	L	0.27	35.5	D	NB	L	0.52	49.1	D	NB	L	0.23	34.2	C
	NB	TR	1.04	108.6	F *	NB	TR	0.98	82.5	F *	NB	TR	1.05	107.5	F *	NB	TR	0.95	72.4	E *
	SB	LTR	1.05	121.4	F *	SB	LTR	1.05	119.3	F *	SB	LTR	1.05	128.4	F *	SB	LTR	1.05	114.6	F *
Northern Boulevard (EB-WB) &	EB	L	0.85	73.0	E *	EB	L	0.14	6.2	A	EB	L	0.28	3.9	A	EB	L	0.16	5.8	A
41st Street (SB)	EB	T	0.43	11.2	B	EB	T	0.50	6.4	A	EB	T	0.82	6.6	A	EB	T	0.51	5.4	A
	WB	TR	1.04	30.8	C *	WB	TR	0.52	11.5	B	WB	TR	0.50	13.5	B	WB	TR	0.63	11.5	B
	SB	LR	0.23	37.8	D	SB	LR	0.32	40.2	D	SB	LR	0.41	41.2	D	SB	LR	0.30	39.8	D
Northern Boulevard (EB-WB) &	EB	TR	0.49	15.8	B	EB	TR	0.51	10.1	B	EB	TR	0.93	16.1	B *	EB	TR	0.52	10.4	B
42nd Street (SB)/	WB	L	0.10	1.7	A	WB	L	0.08	16.1	B	WB	L	0.21	13.1	B	WB	L	0.14	16.1	B
Driveway (NB)	WB	T	1.05	33.7	C *	WB	T	0.49	21.6	C	WB	T	0.55	10.8	B	WB	T	0.58	25.5	C
	NB	LTR	0.28	39.4	D	NB	LTR	0.53	53.5	D	NB	LTR	0.51	45.3	D	NB	LTR	0.73	67.9	E *
	SB	LTR	0.76	53.6	D	SB	LTR	1.01	103.9	F *	SB	LTR	0.77	60.7	E *	SB	LTR	1.05	112.3	F *
Northern Boulevard (EB-WB) &	EB	LTR	0.73	17.3	B	EB	LTR	0.75	24.5	C	EB	LTR	1.05	41.1	D *	EB	LTR	0.77	23.6	C
43rd Street &	WB	L	0.55	5.4	A	WB	L	0.81	38.5	D	WB	L	1.05	107.5	F *	WB	L	0.95	58.0	E *
42nd Place (NB)	WB	TR	1.02	20.9	C *	WB	TR	0.51	11.0	B	WB	TR	0.93	33.8	C *	WB	TR	0.80	16.1	B
	NB	LTR	0.84	62.8	E *	NB	LTR	0.92	77.0	E *	NB	LTR	0.97	82.9	F *	NB	LTR	1.05	106.7	F *
Northern Boulevard (EB-WB) &	EB	L	0.22	15.0	B	EB	L	0.12	4.2	A	EB	L	0.06	1.7	A	EB	L	0.15	4.4	A
44th Street (SB) &	EB	TR	0.43	6.7	A	EB	TR	0.57	5.3	A	EB	TR	0.92	4.9	A *	EB	TR	0.59	5.0	A
35th Avenue	WB	TR	1.05	27.2	C *	WB	TR	0.62	16.5	B	WB	TR	0.60	19.7	B	WB	TR	0.71	18.6	B
	SB	LTR	0.67	55.9	E *	SB	LTR	0.68	56.7	E *	SB	LTR	0.97	96.6	F *	SB	LTR	1.05	118.6	F *
Northern Boulevard (EB-WB) &	EB	T	0.39	14.3	B	EB	T	0.57	6.0	A	EB	T	0.85	7.2	A	EB	T	0.59	5.9	A
46th Street (SB)	WB	T	1.05	27.0	C *	WB	T	0.55	3.0	A	WB	T	0.54	10.3	B	WB	T	0.67	2.3	A
	SB	LR	0.60	48.9	D	SB	LR	0.45	43.8	D	SB	LR	0.34	38.8	D	SB	LR	0.47	44.2	D
Northern Boulevard (EB-WB) &	EB	TR	0.66	11.3	B	EB	TR	0.92	24.7	C *	EB	TR	1.05	39.8	D *	EB	TR	1.03	46.0	D *
48th Street (NB) &	WB	L	0.62	8.4	A	WB	L	0.98	91.9	F *	WB	L	1.05	117.3	F *	WB	L	1.05	94.8	F *
34th Avenue	WB	TR	1.05	28.1	C *	WB	TR	1.05	45.0	D *	WB	TR	1.05	46.6	D *	WB	TR	1.05	36.0	D *
	NB	L	0.88	75.8	E *	NB	L	0.94	89.6	F *	NB	L	1.05	122.6	F *	NB	L	1.05	118.8	F *
	NB	TR	0.47	44.8	D	NB	TR	0.87	75.5	E *	NB	TR	1.05	115.3	F *	NB	TR	1.01	103.1	F *
Northern Boulevard (EB-WB) &	EB	L	0.92	95.8	F *	EB	L	0.61	31.4	C	EB	L	1.05	73.0	E *	EB	L	0.70	32.2	C
51st Street (SB) &	EB	TR	0.65	35.1	D	EB	TR	0.85	42.0	D	EB	TR	1.05	37.3	D *	EB	TR	0.82	34.6	C
Woodside Avenue (NB)	WB	L	0.25	15.2	B	WB	L	0.27	18.1	B	WB	L	0.33	29.6	C	WB	L	0.25	17.7	B
	WB	TR	1.05	67.3	E *	WB	TR	0.61	22.3	C	WB	TR	0.63	27.8	C	WB	TR	0.66	23.7	C
	NB	LTR	1.05	108.5	F *	NB	LTR	1.05	105.9	F *	NB	LTR	1.05	98.7	F *	NB	LTR	1.05	106.0	F *
	SB	LT	0.43	37.2	D	SB	LT	0.35	35.1	D	SB	LT	0.43	31.8	C	SB	LT	0.47	37.6	D
	SB	R	1.05	99.9	F *	SB	R	0.75	52.1	D	SB	R	0.57	36.9	D	SB	R	1.03	99.6	F *
Skillman Avenue (WB) &	WB	LT	0.52	14.8	B	WB	LT	0.26	12.0	B	WB	LT	0.30	12.3	B	WB	LT	0.30	12.4	B
39th Street (NB-SB)	WB	R	0.25	12.8	B	WB	R	0.16	11.6	B	WB	R	0.16	11.6	B	WB	R	0.21	12.1	B
	NB	LT	0.71	18.9	B	NB	LT	0.70	26.8	C	NB	LT	0.75	20.5	C	NB	LT	0.67	26.7	C
	SB	T	0.62	15.8	B	SB	T	0.65	24.4	C	SB	T	0.70	12.9	B	SB	T	0.60	24.0	C
	SB	R	0.76	21.8	C	SB	R	0.35	16.3	B	SB	R	0.32	8.4	A	SB	R	0.20	15.9	B
43rd Avenue (EB) &	EB	LT	0.22	11.7	B	EB	LT	0.24	11.8	B	EB	LT	0.37	13.0	B	EB	LT	0.09	10.8	B
39th Street (NB-SB)	EB	R	0.06	10.8	B	EB	R	0.07	10.8	B	EB	R	0.06	10.7	B	EB	R	0.12	11.3	B
	NB	TR	0.64	19.4	B	NB	TR	0.65	19.9	B	NB	TR	0.63	19.1	B	NB	TR	0.79	25.8	C
	SB	LT	1.05	72.6	E *	SB	LT	1.03	59.3	E *	SB	LT	1.05	76.1	E *	SB	LT	1.05	70.9	E *
Greenpoint Avenue (EB-WB) &	EB	LTR	0.30	32.8	C	EB	LTR	0.47	33.5	C	EB	LTR	0.56	26.4	C	EB	LTR	0.56	35.6	D
39th Street (NB-SB)	WB	LT	0.34	15.7	B	WB	LT	0.21	13.8	B	WB	LT	0.17	13.4	B	WB	LT	0.23	14.0	B
	WB	R	0.06	12.3	B	WB	R	0.03	12.0	B	WB	R	0.06	12.3	B	WB	R	0.01	11.8	B
	NB	LTR	0.32	29.5	C	NB	LTR	0.24	28.1	C	NB	LTR	0.18	27.1	C	NB	LTR	0.15	26.7	C
	SB	LTR	0.58	36.9	D	SB	LTR	0.56	35.9	D	SB	LTR	0.64	38.6	D	SB	LTR	0.63	38.1	D

Intersections	Existing AM Peak Hour					Existing Midday Peak Hour					Existing PM Peak Hour					Existing SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Greenpoint Avenue (EB-WB) &	EB	TR	0.34	7.7	A	EB	TR	0.50	18.9	B	EB	TR	0.61	35.0	D	EB	TR	0.54	18.8	B
38th Street (SB)	WB	LT	0.57	27.5	C	WB	LT	0.42	18.8	B	WB	LT	0.29	16.8	B	WB	LT	0.43	18.7	B
	SB	LTR	0.57	36.2	D	SB	LTR	0.48	33.6	C	SB	LTR	0.54	35.2	D	SB	LTR	0.39	31.1	C
Greenpoint Avenue (EB-WB) &	EB	LT	0.29	4.3	A	EB	LT	0.32	17.8	B	EB	LT	0.30	7.8	A	EB	LT	0.49	21.4	C
Hunters Point Avenue (NW-SE)	WB	TR	0.77	29.7	C	WB	TR	0.66	23.6	C	WB	TR	0.50	18.2	B	WB	TR	0.59	20.3	C
	SE	LTR	0.88	58.5	E *	SE	LTR	0.86	49.7	D	SE	LTR	0.75	41.3	D	SE	LTR	0.82	45.9	D
	NW	LTR	1.05	77.6	E *	NW	LTR	1.05	79.2	E *	NW	LTR	0.92	47.2	D *	NW	LTR	1.05	79.4	E *
Greenpoint Avenue (NE-SW) &	WB	LTR	0.91	28.1	C *	WB	LTR	0.75	24.7	C	WB	LTR	0.65	24.3	C	WB	LTR	0.74	24.3	C
Queens Midtown Expressway (WB)	NE	LT	0.33	16.6	B	NE	LT	0.24	5.4	A	NE	LT	0.33	7.7	A	NE	LT	0.30	5.1	A
	SW	TR	0.66	26.0	C	SW	TR	0.60	20.8	C	SW	TR	0.51	21.3	C	SW	TR	0.56	20.0	C
Greenpoint Avenue (NE-SW) &	EB	LTR	1.01	66.4	E *	EB	LTR	0.90	40.3	D *	EB	LTR	0.95	48.1	D *	EB	LTR	1.00	56.6	E *
Borden Avenue (EB)	NE	T	0.38	36.2	D	NE	T	0.41	31.7	C	NE	T	0.64	52.2	D	NE	T	0.53	34.3	C
	NE	R	1.05	101.1	F *	NE	R	1.05	90.0	F *	NE	R	1.05	108.8	F *	NE	R	1.05	95.2	F *
	SW	L	1.05	81.0	F *	SW	L	1.05	70.3	E *	SW	L	1.00	69.9	E *	SW	L	1.03	63.3	E *
	SW	T	0.83	23.0	C	SW	T	0.60	10.8	B	SW	T	0.69	23.2	C	SW	T	0.45	9.2	A
Unsignalized																				
36th Avenue (EB-WB) &	EB	LR	-	7.4	A	EB	LR	-	7.8	A	EB	LR	-	8.2	A	EB	LR	-	7.4	A
41st Street (NB)	WB	LTR	-	8.6	A	WB	LTR	-	8.3	A	WB	LTR	-	8.8	A	WB	LTR	-	8.4	A
(All-Way Stop Controlled)	NB	LT	-	8.0	A	NB	LT	-	8.0	A	NB	LT	-	8.4	A	NB	LT	-	7.9	A
Northern Boulevard (EB-WB) &	EB	L	0.02	13.0	B	EB	L	0.02	10.9	B	EB	L	0.04	12.0	B	EB	L	0.01	10.9	B
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.01	9.1	A	WB	L	0.01	11.2	B	WB	L	0.01	9.4	A
	NB	LTR	0.01	9.0	A	NB	LTR	0.04	10.6	B	NB	LTR	0.04	10.5	B	NB	LTR	0.01	9.1	A
Northern Boulevard (EB-WB) &	EB	L	0.19	0.0	A	EB	L	0.02	0.7	A	EB	L	0.01	0.3	A	EB	L	0.02	0.7	A
Newtown Road (SB)	SB	R	0.03	13.0	B	SB	R	0.04	10.3	B	SB	R	0.03	10.6	B	SB	R	0.05	11.6	B
Hunters Point Avenue (WB) &	SB	R	0.04	13.8	B	SB	R	0.02	11.9	B	SB	R	0.04	12.4	B	SB	R	0.04	12.9	B
38th Street (SB)																				
Queens Midtown Expressway (WB) &	SB	R	0.07	14.0	B	SB	R	0.05	11.9	B	SB	R	0.08	12.3	B	SB	R	0.03	12.9	B
39th Street (SB)																				

* Denotes congested lane group.

TABLE D-2
NO ACTION INTERSECTION LEVEL OF SERVICE ANALYSIS

	Existing AM Peak Hour					No-Action AM Peak Hour					Existing Midday Peak Hour					No-Action Midday Peak Hour					Existing PM Peak Hour					No-Action PM Peak Hour					Existing SAT Peak Hour					No-Action SAT Peak Hour				
Intersections	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Signalized																																							
Broadway (EB-WB) &	EB	LT	0.39	10.1	B	EB	LT	0.44	10.9	B	EB	LT	0.56	14.7	B	EB	LT	0.64	16.8	B	EB	LT	0.61	13.9	B	EB	LT	0.70	16.5	B	EB	LT	0.75	21.1	C	EB	LT	0.86	28.4	C
43rd Street (NB)	WB	TR	0.61	13.8	B	WB	TR	0.65	14.9	B	WB	TR	0.59	15.2	B	WB	TR	0.63	16.4	B	WB	TR	0.62	13.7	B	WB	TR	0.68	15.5	B	WB	TR	0.69	18.0	B	WB	TR	0.77	21.5	C
	NB	LTR	1.05	91.5	F *	NB	LTR	1.19	135.2	F *	NB	LTR	1.03	89.2	F *	NB	LTR	1.27	175.0	F *	NB	LTR	1.05	89.9	F *	NB	LTR	1.28	171.2	F *	NB	LTR	1.05	93.5	F *	NB	LTR	1.28	174.5	F *
34th Avenue (EB-WB) &	EB	TR	0.39	10.6	B	EB	TR	0.47	11.8	B	EB	TR	0.46	11.5	B	EB	TR	0.54	12.9	B	EB	TR	0.59	14.1	B	EB	TR	0.70	17.4	B	EB	TR	0.55	12.9	B	EB	TR	0.65	15.6	B
38th Street (SB)	WB	LT	0.51	12.4	B	WB	LT	0.62	15.0	B	WB	LT	0.56	13.2	B	WB	LT	0.66	15.8	B	WB	LT	0.45	11.3	B	WB	LT	0.56	13.1	B	WB	LT	0.47	11.5	B	WB	LT	0.57	13.7	B
	SB	LTR	0.55	21.9	C	SB	LTR	0.59	23.2	C	SB	LTR	0.58	22.6	C	SB	LTR	0.65	25.3	C	SB	LTR	0.56	22.0	C	SB	LTR	0.66	25.5	C	SB	LTR	0.56	22.2	C	SB	LTR	0.69	26.9	C
34th Avenue (EB-WB) &	EB	LT	0.29	9.5	A	EB	LT	0.34	10.1	B	EB	LT	0.46	11.8	B	EB	LT	0.53	13.1	B	EB	LT	0.54	13.2	B	EB	LT	0.62	15.1	B	EB	LT	0.60	14.3	B	EB	LT	0.67	16.2	B
41st Street (NB)	WB	TR	0.50	12.1	B	WB	TR	0.56	13.2	B	WB	TR	0.50	12.1	B	WB	TR	0.57	13.6	B	WB	TR	0.57	13.4	B	WB	TR	0.64	15.2	B	WB	TR	0.54	12.8	B	WB	TR	0.60	14.1	B
	NB	LTR	0.33	22.8	C	NB	LTR	0.36	22.2	C	NB	LTR	0.35	18.4	B	NB	LTR	0.39	18.7	B	NB	LTR	0.53	24.6	C	NB	LTR	0.54	26.9	C	NB	LTR	0.37	22.1	C	NB	LTR	0.44	22.5	C
34th Avenue (EB-WB) &	EB	LT	0.27	9.3	A	EB	LT	0.33	9.9	A	EB	LT	0.44	11.5	B	EB	LT	0.53	13.4	B	EB	LT	0.47	11.6	B	EB	LT	0.54	13.1	B	EB	LT	0.54	13.1	B	EB	LT	0.62	15.0	B
43rd Street (NB)	WB	TR	0.59	13.9	B	WB	TR	0.64	15.2	B	WB	TR	0.52	12.3	B	WB	TR	0.64	15.3	B	WB	TR	0.55	12.9	B	WB	TR	0.64	15.0	B	WB	TR	0.55	12.9	B	WB	TR	0.64	15.1	B
	NB	LTR	0.60	23.5	C	NB	LTR	0.71	30.8	C	NB	LTR	0.62	30.4	C	NB	LTR	0.73	37.0	D	NB	LTR	0.75	34.3	C	NB	LTR	0.88	46.4	D	NB	LTR	0.71	32.4	C	NB	LTR	0.82	42.3	D
35th Avenue (EB-WB) &	EB	LT	0.41	13.1	B	EB	LT	0.46	14.1	B	EB	LT	0.40	12.5	B	EB	LT	0.47	13.5	B	EB	LT	0.44	13.0	B	EB	LT	0.52	14.5	B	EB	LT	0.41	12.5	B	EB	LT	0.49	13.9	B
37th Street (NB)	WB	TR	0.59	10.2	B	WB	TR	0.65	11.6	B	WB	TR	0.45	8.3	A	WB	TR	0.52	9.5	A	WB	TR	0.49	8.5	A	WB	TR	0.56	10.2	B	WB	TR	0.49	8.8	A	WB	TR	0.59	10.7	B
	NB	LTR	0.45	16.5	B	NB	LTR	0.55	18.4	B	NB	LTR	0.34	21.6	C	NB	LTR	0.52	24.2	C	NB	LTR	0.44	15.5	B	NB	LTR	0.90	40.3	D *	NB	LTR	0.28	19.5	B	NB	LTR	0.73	30.2	C
35th Avenue (EB-WB) &	EB	TR	0.40	8.8	A	EB	TR	0.45	9.4	A	EB	TR	0.42	7.6	A	EB	TR	0.54	9.7	A	EB	TR	0.47	8.4	A	EB	TR	0.75	15.5	B	EB	TR	0.47	8.1	A	EB	TR	0.78	18.0	B
38th Street (SB)	WB	LT	0.59	21.8	C	WB	LT	0.70	25.0	C	WB	LT	0.43	13.1	B	WB	LT	0.59	16.9	B	WB	LT	0.41	12.6	B	WB	LT	0.71	21.6	C	WB	LT	0.44	13.2	B	WB	LT	1.09	90.6	F *
	SB	LTR	0.50	24.8	C	SB	LTR	0.57	24.2	C	SB	LTR	0.54	22.7	C	SB	LTR	0.64	23.6	C	SB	LTR	0.64	23.4	C	SB	LTR	0.78	27.4	C	SB	LTR	0.51	22.4	C	SB	LTR	0.70	25.4	C
35th Avenue (EB-WB) &	EB	LTR	0.34	15.6	B	EB	LTR	0.37	16.5	B	EB	LTR	0.91	62.3	E *	EB	LTR	1.29	185.6	F *	EB	LTR	0.94	64.8	E *	EB	LTR	1.39	226.8	F *	EB	LTR	0.80	44.9	D	EB	LTR	1.34	205.1	F *
Steinway Street (NB-SB)	WB	LTR	0.44	19.7	B	WB	LTR	0.51	21.3	C	WB	LTR	0.53	30.3	C	WB	LTR	0.70	38.0	D	WB	LTR	0.64	33.7	C	WB	LTR	0.71	37.6	D	WB	LTR	0.57	30.9	C	WB	LTR	0.78	42.3	D
	NB	LTR	0.46	14.4	B	NB	LTR	0.54	15.8	B	NB	LTR	0.43	13.1	B	NB	LTR	0.53	15.1	B	NB	LTR	0.44	13.2	B	NB	LTR	0.60	16.9	B	NB	LTR	0.57	15.6	B	NB	LTR	0.79	24.3	C
	SB	LTR	0.86	48.7	D	SB	LTR	0.92	58.4	E *	SB	LTR	0.40	12.6	B	SB	LTR	0.46	13.6	B	SB	LTR	0.45	13.4	B	SB	LTR	0.53	15.1	B	SB	LTR	0.40	12.6	B	SB	LTR	0.49	14.2	B
35th Avenue (EB-WB) &	EB	LT	0.32	14.8	B	EB	LT	0.35	14.9	B	EB	LT	0.32	9.7	A	EB	LT	0.37	10.2	B	EB	LT	0.44	11.2	B	EB	LT	0.50	12.2	B	EB	LT	0.33	9.8	A	EB	LT	0.39	10.5	B
41st Street (NB)	WB	TR	0.38	5.1	A	WB	TR	0.42	5.8	A	WB	TR	0.29	4.7	A	WB	TR	0.32	5.5	A	WB	TR	0.40	8.2	A	WB	TR	0.48	9.5	A	WB	TR	0.36	5.9	A	WB	TR	0.44	7.6	A
	NB	LTR	0.24	16.5	B	NB	LTR	0.28	17.2	B	NB	LTR	0.29	17.1	B	NB	LTR	0.40	19.3	B	NB	LTR	0.35	18.0	B	NB	LTR	0.30	17.3	B	NB	LTR	0.20	15.9	B	NB	LTR	0.28	17.1	B
35th Avenue (EB-WB) &	EB	TR	0.25	6.7	A	EB	TR	0.28	6.8	A	EB	TR	0.34	7.1	A	EB	TR	0.47	8.7	A	EB	TR	0.41	8.0	A	EB	TR	0.49	8.9	A	EB	TR	0.33	6.9	A	EB	TR	0.44	8.0	A
42nd Street (SB)	WB	LT	0.37	7.4	A	WB	LT	0.39	7.2	A	WB	LT	0.29	5.5	A	WB	LT	0.30	5.4	A	WB	LT	0.30	8.4	A	WB	LT	0.33	8.2	A	WB	LT	0.32	5.9	A	WB	LT	0.34	6.2	A
	SB	LTR	0.39	16.2	B	SB	LTR	0.42	16.8	B	SB	LTR	0.36	15.8	B	SB	LTR	0.44	17.3	B	SB	LTR	0.48	17.9	B	SB	LTR	0.61	21.4	C	SB	LTR	0.48	17.7	B	SB	LTR	0.62	21.6	C
35th Avenue (EB-WB) &	EB	L	0.15	6.6	A	EB	L	0.19	6.9	A	EB	L	0.24	7.1	A	EB	L	0.37	7.9	A	EB	L	0.35	7.9	A	EB	L	0.48	9.9	A	EB	L	0.22	6.2	A	EB	L	0.34	6.8	A
43rd Street (NE)	WB	TR	0.36	11.0	B	WB	TR	0.44	11.3	B	WB	TR	0.29	11.3	B	WB	TR	0.34	11.7	B	WB	TR	0.29	13.8	B	WB	TR	0.36	14.2	B	WB	TR	0.32	11.1	B	WB	TR	0.38	11.5	B
	NE	LT	0.36	8.1	A	NE	LT	0.38	8.6	A	NE	LT	0.31	12.2	B	NE	LT	0.34	12.3	B	NE	LT	0.44	15.4	B	NE	LT	0.47	15.8	B	NE	LT	0.40	13.1	B	NE	LT	0.43	13.8	B
36th Avenue (EB-WB) &	EB	LT	0.30	9.6	A	EB	LT	0.36	10.4	B	EB	LT	0.41	10.8	B	EB	LT	0.52	12.6	B	EB	LT	0.47	11.6	B	EB	LT	0.60	14.5	B	EB	LT	0.32	9.6	A	EB	LT	0.46	11.7	B
37th Street (NB)	WB	TR	0.54	9.4	A	WB	TR	0.61	10.1	B	WB	TR	0.39	5.4	A	WB	TR	0.46	6.5	A	WB	TR	0.27	11.6	B	WB	TR	0.35	11.4	B	WB	TR	0.39	5.7	A	WB	TR	0.47	7.5	A
	NB	LTR	0.33	17.4	B	NB	LTR	0.36	17.9	B	NB	LTR	0.29	16.7	B	NB	LTR	0.34	16.9	B	NB	LTR	0.41	18.3	B	NB	LTR	0.49	19.2	B	NB	LTR	0.25	16.4	B	NB	LTR	0.33	17.5	B
36th Avenue (EB-WB) &	EB	TR	0.26	6.9	A	EB	TR	0.30	7.1	A	EB	TR	0.36	5.8	A	EB	TR	0.43	6.0	A	EB	TR	0.41	4.6	A	EB	TR	0.47	4.3	A	EB	TR	0.33	5.9	A	EB	TR	0.37	6.0	A
38th Street (SB)	WB	LT	0.48	8.6	A	WB	LT	0.55	9.3	A	WB	LT	0.36	8.1	A	WB	LT	0.43	7.9	A	WB	LT	0.28	5.7	A	WB	LT	0.34	8.9	A	WB	LT	0.35	7.4	A	WB	LT	0.42	7.8	A
	SB	LTR	0.62	27.3	C	SB	LTR	0.68	27.3	C	SB	LTR	0.51	24.9	C	SB	LTR	0.58	25.3	C	SB	LTR	0.56	19.4	B	SB	LTR	0.67	22.4	C	SB	LTR	0.50	22.9	C	SB	LTR	0.62	20.6	C
36th Avenue (EB-WB) &	EB	LTR	0.42	32.3	C	EB	LTR	0.54	36.9	D	EB	LTR	0.74	43.1	D	EB	LTR	0.97	76.7	E *	EB	LTR	0.92	69.9	E *	EB	LTR	1.20	157.0	F *	EB	LTR	0.79	49.9	D	EB	LTR	1.15	138.3	F *
Steinway Street (NB-SB)	WB	LTR	0.57	42.3	D	WB	LTR	0.68	47.1	D	WB	LTR	0.41	37.4	D	WB	LTR	0.57	42.7	D	WB	LTR	0.45	38.6	D	WB	LTR	0.67	47.5	D	WB	LTR	0.45	38.5	D	WB	LTR	0.72	50.0	D
	NB	LTR	0.30	21.3	C	NB	LTR	0.34	21.7	C	NB	LTR	0.36	3.0	A	NB	LTR	0.40	2.7	A	NB	LTR	0.32	14.7	B	NB	LTR	0.37	16.0	B	NB	LTR	0.42	3.0	A	NB	LTR	0.49	2.9	A
	SB	LTR	0.40	2.4	A	SB	LTR	0.42	2.0	A	SB	LTR	0.33	11.7	B	SB	LTR	0.39	12.6	B	SB	LTR	0.31	11.4	B	SB	LTR	0.36	12.1	B	SB	LTR	0.39	12.4	B	SB	LTR	0.45	13.3	B
Northern Boulevard (EB-WB) &	EB	LT	0.31	15.9	B	EB	LT	0.34	16.2	B	EB	LT	0.41	17.4	B	EB	LT	0.44	17.9	B	EB	LT	0.47	18.4	B	EB	LT	0.51	19.1	B	EB	LT	0.43	17.7	B	EB	LT	0.46	18.2	B
Queensboro Bridge (SB)	WB	T	0.23	39.8	D	WB	T	0.26	39.8	D	WB	T	0.35	26.8	C	WB	T	0.37	26.2	C	WB	T	0.44	34.9	C	WB	T	0.47	35.4	D	WB	T	0.36	20.8	C	WB	T	0.38	19.8	B
	WB	R	1.05	49.6	D *	WB	R	1.11	70.6	E *	WB	R	0.99	65.2	E *	WB	R	1.05	82.1	F *	WB	R	0.99	39.5	D *	WB	R	1.07	61.4	E *	WB	R	1.05	76.5	E *	WB	R	1.12	103.1	F *
	SB	L	0.81	40.2	D	SB	L	0.86	43.2	D	SB	L	0.72	36.2	D	SB	L	0.78	38.6	D	SB	L	0.95	52.7	D *	SB	L	1.02	70.0	E *	SB	L	0.82	40.2	D	SB	L	0.89	45.9	D
Northern Boulevard (EB-WB) &	EB	TR	0.69	32.2	C	EB	TR	0.73	34.0	C	EB	TR	0.62	21.8	C	EB	TR	0.67	24.4	C	EB	TR	0.83	16.7	B	EB	TR	0.89	20.0	C	EB	TR	0.71	26.2	C	EB	TR	0.77	29.2	C
40th Road (SB) &	WB	L	0.08	7.9	A	WB	L	0.09	8.5	A	WB	L	0.03	7.2	A	WB	L	0.03	7.2	A	WB	L	-	-		WB	L	-	-		WB	L	0.05	6.7	A	WB	L	0.06	7.0	A
Driveway (NB)	WB	T	0.91	15.4	B *	WB	T	0.96	21.1	C *	WB	T	0.67	14.8	B	WB	T	0.71	15.7	B	WB	T	0.62	13.2	B	WB	T	0.67	16.8	B	WB	T	0.78	17.4	B	WB	T	0.84	18.9	B
	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	0.02	37.1	D	NB	LTR	0.02	37.1	D	NB	LTR	0.04	37.3	D	NB	LTR	0.04	37.3	D	NB	LTR	-	-		NB	LTR	-	-	
	SB	LTR	0.60	52.9	D	SB	LTR	0.63	54.2	D	SB	LTR	0.65	55.0	E *	SB	LTR	0.67	56.7	E *	SB	LTR	0.88	78.2	E *	SB	LTR	0.93	86.0	F *	SB	LTR	0.65	54.6	D	SB	LTR	0.67	55.9	E *
Northern Boulevard (EB-WB) &	EB	L	0.58	49.0	D	EB	L	0.63	50.3	D	EB	L	0.69	43.4	D	EB	L	0.76	47.4	D	EB	L	0.41	47.0	D	EB	L	0.46	48.5	D	EB	L	0.45	36.0	D	EB	L	0.50	37.1	D
40th Avenue &	EB	T	0.75	14.4	B	EB	T	0.79	14.5	B	EB	T	0.72	25.0	C	EB	T	0.77	24.7	C	EB	T	0.88	12.9	B	EB	T	0.94	16.0	B *	EB	T	0.69	18.6	B	EB	T	0.75	17.7	B
31st Street (SB)	WB	T	0.86	8.0	A	WB	T	0.90	8.5	A *	WB	T	0.58	8.1	A	WB	T	0.61	7.5	A	WB	T	0.53	6.3	A	WB	T	0.57	5.7	A	WB	T	0.67	10.2	B	WB	T	0.72	10.2	B
	WB	R	0.03	0.0	A	WB	R	0.04	0.0	A	WB	R	0.18	0.3	A	WB	R	0.19	0.3	A	WB	R	0.19	0.3	A	WB	R	0.20	0.3	A	WB	R	0.16	0.2	A	WB	R	0.16	0.2	A
	SB	TR	0.36	35.0	D	SB	TR	0.39	35.6	D	SB	TR	0.40	35.7	D	SB	TR	0.42	36.2	D	SB	TR	0.46	36.8	D	SB	TR	0.48	37.4	D	SB	TR	0.46	36.9	D	SB	TR	0.49	37.4	D
Northern Boulevard (EB-WB) &	EB	LTR	0.73	9.6	A	EB	LTR	0.78	11.5	B	EB	LTR	0.59	9.0	A	EB	LTR	0.64	11.0	B	EB	LTR	0.94	8.0	A *	EB	LTR	1.03	26.2	C *	EB	LTR	0.67	8.0	A	EB	LTR	0.73	10.5	B
39th Avenue &	WB	TR	0.85	9.2	A	WB	TR	0.94	13.2	B *	WB	TR	0.52	12.0	B	WB	TR	0.58	12.2	B	WB	TR	0.54	37.1	D	WB	TR	0.61	38.7	D	WB	TR	0.60	13.1	B	WB	TR	0.66	14.7	B
Honeywell Street (NB)	NB	L	0.42	41.4	D	NB	L	0.47	42.8	D	NB	L	0.59	48.4	D	NB	L	0.68	54.2	D	NB	L	0.54	44.8	D	NB	L	0.61	48.1	D	NB	L	0.96	84.2	F *	NB	L	1.05	107.8	F *
	NB	TR	0.92	75.5	E *	NB	TR	0.97	86.5	F *	NB	TR	1.05	112.3	F *	NB	TR	1.14	140.8	F *	NB	TR	1.05	105.6	F *	NB	TR	1.14	136.5	F *	NB	TR	0.98	88.3	F *	NB	TR	1.04	106.2	F *

Intersections	Existing AM Peak Hour					No-Action AM Peak Hour					Existing Midday Peak Hour					No-Action Midday Peak Hour					Existing PM Peak Hour					No-Action PM Peak Hour					Existing SAT Peak Hour					No-Action SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Northern Boulevard (EB-WB) &	EB	T	0.43	7.5	A	EB	T	0.47	7.8	A	EB	T	0.41	10.8	B	EB	T	0.46	11.7	B	EB	T	0.81	31.0	C	EB	T	0.90	34.7	C *	EB	T	0.45	11.2	B	EB	T	0.50	12.1	B
34th Street (SB)	WB	T	0.76	1.4	A	WB	T	0.83	0.6	A	WB	T	0.46	11.8	B	WB	T	0.51	12.6	B	WB	T	0.51	13.6	B	WB	T	0.57	12.6	B	WB	T	0.57	14.2	B	WB	T	0.62	14.1	B
	SB	LR	0.27	38.4	D	SB	LR	0.32	39.6	D	SB	LR	0.48	45.6	D	SB	LR	0.57	48.9	D	SB	LR	0.42	42.1	D	SB	LR	0.48	43.8	D	SB	LR	0.39	42.4	D	SB	LR	0.43	43.4	D
Northern Boulevard (EB-WB) &	EB	L	1.01	112.8	F *	EB	L	1.38	254.5	F *	EB	L	0.28	4.3	A	EB	L	0.35	7.4	A	EB	L	0.53	6.2	A	EB	L	0.67	10.2	B	EB	L	0.41	9.4	A	EB	L	0.50	14.9	B
35th Street &	EB	T	0.40	11.8	B	EB	T	0.44	11.8	B	EB	T	0.40	1.6	A	EB	T	0.46	2.3	A	EB	T	0.75	2.8	A	EB	T	0.83	3.9	A	EB	T	0.45	1.6	A	EB	T	0.50	2.2	A
38th Avenue (SB)	WB	TR	0.93	8.7	A *	WB	TR	1.01	19.2	B *	WB	TR	0.56	9.7	A	WB	TR	0.63	10.1	B	WB	TR	0.58	9.2	A	WB	TR	0.65	11.6	B	WB	TR	0.63	9.8	A	WB	TR	0.69	11.4	B
	SB	LTR	0.57	46.7	D	SB	LTR	0.72	54.9	D	SB	LTR	0.88	75.0	E *	SB	LTR	1.19	167.1	F *	SB	LTR	0.95	85.3	F *	SB	LTR	1.19	161.2	F *	SB	LTR	0.52	46.7	D	SB	LTR	0.68	55.3	E *
Northern Boulevard (EB-WB) &	EB	T	0.49	12.3	B	EB	T	0.55	12.8	B	EB	T	0.49	10.6	B	EB	T	0.56	11.9	B	EB	T	0.84	13.8	B	EB	T	0.94	17.4	B *	EB	T	0.49	6.8	A	EB	T	0.56	7.9	A
36th Street (SB)	WB	T	0.89	4.2	A	WB	T	0.97	7.3	A *	WB	T	0.49	7.8	A	WB	T	0.55	8.1	A	WB	T	0.54	11.0	B	WB	T	0.59	11.5	B	WB	T	0.60	5.5	A	WB	T	0.64	6.3	A
	SB	LR	0.21	37.0	D	SB	LR	0.23	37.4	D	SB	LR	0.21	38.5	D	SB	LR	0.26	39.5	D	SB	LR	0.22	37.1	D	SB	LR	0.29	38.6	D	SB	LR	0.17	37.8	D	SB	LR	0.25	39.3	D
Northern Boulevard (EB-WB) &	EB	L	0.80	69.5	E *	EB	L	1.16	179.6	F *	EB	L	0.24	3.6	A	EB	L	0.34	5.4	A	EB	L	0.32	2.6	A	EB	L	0.52	4.2	A	EB	L	0.35	6.2	A	EB	L	0.64	20.8	C
37th Street (SB) &	EB	TR	0.48	16.1	B	EB	TR	0.53	16.4	B	EB	TR	0.55	3.0	A	EB	TR	0.63	3.3	A	EB	TR	0.82	3.8	A	EB	TR	0.90	4.7	A *	EB	TR	0.54	2.3	A	EB	TR	0.59	2.4	A
Standard Lane (NB)	WB	LT	0.89	8.7	A	WB	LT	0.96	12.2	B *	WB	LT	0.51	6.6	A	WB	LT	0.57	6.7	A	WB	LT	0.55	9.4	A	WB	LT	0.60	9.7	A	WB	LT	0.65	5.9	A	WB	LT	0.69	6.2	A
	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	0.02	31.9	C	NB	LTR	0.02	31.9	C	NB	LTR	0.02	34.0	C	NB	LTR	0.02	34.0	C	NB	LTR	-	-		NB	LTR	-	-	
	SB	LTR	0.66	52.2	D	SB	LTR	0.69	54.3	D	SB	LTR	0.69	50.7	D	SB	LTR	0.72	52.7	D	SB	LTR	0.95	87.0	F *	SB	LTR	1.02	103.2	F *	SB	LTR	0.66	48.6	D	SB	LTR	0.70	51.2	D
Northern Boulevard (EB-WB) &	EB	T	0.56	18.2	B	EB	T	0.61	17.7	B	EB	T	0.56	7.1	A	EB	T	0.63	7.2	A	EB	T	0.96	23.5	C *	EB	T	1.05	42.4	D *	EB	T	0.58	8.6	A	EB	T	0.63	8.7	A
38th Street (SB)	WB	T	0.95	13.6	B *	WB	T	1.03	29.7	C *	WB	T	0.52	2.8	A	WB	T	0.59	4.4	A	WB	T	0.58	13.9	B	WB	T	0.65	15.0	B	WB	T	0.62	2.8	A	WB	T	0.67	3.9	A
	SB	LR	0.80	59.1	E *	SB	LR	0.84	62.7	E *	SB	LR	0.64	59.3	E *	SB	LR	0.68	61.3	E *	SB	LR	0.63	50.5	D	SB	LR	0.71	53.1	D	SB	LR	0.63	58.8	E *	SB	LR	0.71	63.3	E *
Northern Boulevard (EB-WB) &	EB	L	0.67	52.7	D	EB	L	0.95	116.9	F *	EB	L	0.38	14.6	B	EB	L	0.47	19.3	B	EB	L	0.54	7.9	A	EB	L	0.66	9.3	A	EB	L	0.84	52.3	D	EB	L	1.03	99.3	F *
39th Street (NB) &	EB	TR	0.74	22.7	C	EB	TR	0.81	25.2	C	EB	TR	0.86	18.2	B	EB	TR	0.96	28.9	C *	EB	TR	1.05	39.6	D *	EB	TR	1.16	82.5	F *	EB	TR	0.81	15.2	B	EB	TR	0.90	20.3	C *
Steinway Street (SB)	WB	L	1.05	36.9	D *	WB	L	1.13	69.8	E *	WB	L	1.00	89.3	F *	WB	L	1.61	324.5	F *	WB	L	1.05	149.8	F *	WB	L	1.38	259.3	F *	WB	L	0.88	51.9	D	WB	L	1.40	227.7	F *
	WB	TR	1.05	29.7	C *	WB	TR	1.12	60.0	E *	WB	TR	1.01	42.5	D *	WB	TR	1.10	69.6	E *	WB	TR	0.96	38.9	D *	WB	TR	1.04	58.2	E *	WB	TR	0.72	5.5	A	WB	TR	0.78	6.7	A
	NB	L	0.69	57.3	E *	NB	L	0.85	70.8	E *	NB	L	0.27	35.5	D	NB	L	0.41	37.2	D	NB	L	0.52	49.1	D	NB	L	0.69	55.2	E *	NB	L	0.23	34.2	C	NB	L	0.31	35.1	D
	NB	TR	1.04	108.6	F *	NB	TR	1.05	109.4	F *	NB	TR	0.98	82.5	F *	NB	TR	1.14	128.8	F *	NB	TR	1.05	107.5	F *	NB	TR	1.29	193.9	F *	NB	TR	0.95	72.4	E *	NB	TR	1.15	131.9	F *
	SB	LTR	1.05	121.4	F *	SB	LTR	1.24	184.8	F *	SB	LTR	1.05	119.3	F *	SB	LTR	1.28	202.7	F *	SB	LTR	1.05	128.4	F *	SB	LTR	1.22	179.0	F *	SB	LTR	1.05	114.6	F *	SB	LTR	1.29	201.1	F *
Northern Boulevard (EB-WB) &	EB	L	0.85	73.0	E *	EB	L	0.47	22.9	C	EB	L	0.14	6.2	A	EB	L	0.18	6.7	A	EB	L	0.28	3.9	A	EB	L	0.39	4.7	A	EB	L	0.16	5.8	A	EB	L	0.24	6.8	A
41st Street (SB)	EB	T	0.43	11.2	B	EB	T	0.48	11.0	B	EB	T	0.50	6.4	A	EB	T	0.56	7.1	A	EB	T	0.82	6.6	A	EB	T	0.91	9.0	A *	EB	T	0.51	5.4	A	EB	T	0.57	6.2	A
	WB	TR	1.04	30.8	C *	WB	TR	1.11	57.2	E *	WB	TR	0.52	11.5	B	WB	TR	0.57	10.9	B	WB	TR	0.50	13.5	B	WB	TR	0.55	13.4	B	WB	TR	0.63	11.5	B	WB	TR	0.69	10.7	B
	SB	LR	0.23	37.8	D	SB	LR	0.25	38.1	D	SB	LR	0.32	40.2	D	SB	LR	0.35	40.8	D	SB	LR	0.41	41.2	D	SB	LR	0.45	42.0	D	SB	LR	0.30	39.8	D	SB	LR	0.33	40.3	D
Northern Boulevard (EB-WB) &	EB	TR	0.49	15.8	B	EB	TR	0.53	16.1	B	EB	TR	0.51	10.1	B	EB	TR	0.58	10.7	B	EB	TR	0.93	16.1	B *	EB	TR	1.03	32.4	C *	EB	TR	0.52	10.4	B	EB	TR	0.59	11.0	B
42nd Street (SB) &	WB	L	0.10	1.7	A	WB	L	0.12	1.6	A	WB	L	0.08	16.1	B	WB	L	0.10	17.5	B	WB	L	0.21	13.1	B	WB	L	0.26	11.5	B	WB	L	0.14	16.1	B	WB	L	0.18	16.1	B
Driveway (NB)	WB	T	1.05	33.7	C *	WB	T	1.13	63.0	E *	WB	T	0.49	21.6	C	WB	T	0.56	25.3	C	WB	T	0.55	10.8	B	WB	T	0.64	12.8	B	WB	T	0.58	25.5	C	WB	T	0.66	27.3	C
	NB	LTR	0.28	39.4	D	NB	LTR	0.30	39.8	D	NB	LTR	0.53	53.5	D	NB	LTR	0.56	55.6	E *	NB	LTR	0.51	45.3	D	NB	LTR	0.53	46.3	D	NB	LTR	0.73	67.9	E *	NB	LTR	0.78	72.4	E *
	SB	LTR	0.76	53.6	D	SB	LTR	0.80	56.0	E *	SB	LTR	1.01	103.9	F *	SB	LTR	1.09	124.9	F *	SB	LTR	0.77	60.7	E *	SB	LTR	0.82	63.3	E *	SB	LTR	1.05	112.3	F *	SB	LTR	1.12	133.2	F *
Northern Boulevard (EB-WB) &	EB	LTR	0.73	17.3	B	EB	LTR	0.84	22.4	C	EB	LTR	0.75	24.5	C	EB	LTR	0.84	30.6	C	EB	LTR	1.05	41.1	D *	EB	LTR	1.15	82.1	F *	EB	LTR	0.77	23.6	C	EB	LTR	0.87	31.0	C
43rd Street &	WB	L	0.55	5.4	A	WB	L	0.65	6.8	A	WB	L	0.81	38.5	D	WB	L	1.03	86.0	F *	WB	L	1.05	107.5	F *	WB	L	1.14	126.8	F *	WB	L	0.95	58.0	E *	WB	L	1.26	154.4	F *
42nd Place (NB)	WB	TR	1.02	20.9	C *	WB	TR	1.09	50.7	D *	WB	TR	0.51	11.0	B	WB	TR	0.58	11.2	B	WB	TR	0.93	33.8	C *	WB	TR	1.09	74.1	E *	WB	TR	0.80	16.1	B	WB	TR	0.91	20.1	C *
	NB	LTR	0.84	62.8	E *	NB	LTR	0.88	67.6	E *	NB	LTR	0.92	77.0	E *	NB	LTR	0.98	89.3	F *	NB	LTR	0.97	82.9	F *	NB	LTR	1.03	99.7	F *	NB	LTR	1.05	106.7	F *	NB	LTR	1.13	134.6	F *
Northern Boulevard (EB-WB) &	EB	L	0.22	15.0	B	EB	L	0.22	16.0	B	EB	L	0.12	4.2	A	EB	L	0.16	4.1	A	EB	L	0.06	1.7	A	EB	L	0.08	1.7	A	EB	L	0.15	4.4	A	EB	L	0.21	4.7	A
44th Street (SB) &	EB	TR	0.43	6.7	A	EB	TR	0.47	8.9	A	EB	TR	0.57	5.3	A	EB	TR	0.64	5.0	A	EB	TR	0.92	4.9	A *	EB	TR	1.01	13.4	B *	EB	TR	0.59	5.0	A	EB	TR	0.66	4.7	A
35th Avenue	WB	TR	1.05	27.2	C *	WB	TR	1.13	63.2	E *	WB	TR	0.62	16.5	B	WB	TR	0.69	16.8	B	WB	TR	0.60	19.7	B	WB	TR	0.69	20.7	C	WB	TR	0.71	18.6	B	WB	TR	0.79	19.5	B
	SB	LTR	0.67	55.9	E *	SB	LTR	0.83	72.4	E *	SB	LTR	0.68	56.7	E *	SB	LTR	1.00	107.4	F *	SB	LTR	0.97	96.6	F *	SB	LTR	1.27	202.0	F *	SB	LTR	1.05	118.6	F *	SB	LTR	1.54	316.2	F *
Northern Boulevard (EB-WB) &	EB	T	0.39	14.3	B	EB	T	0.44	15.4	B	EB	T	0.57	6.0	A	EB	T	0.64	6.3	A	EB	T	0.85	7.2	A	EB	T	0.94	10.4	B *	EB	T	0.59	5.9	A	EB	T	0.66	6.1	A
46th Street (SB)	WB	T	1.05	27.0	C *	WB	T	1.13	61.8	E *	WB	T	0.55	3.0	A	WB	T	0.61	4.0	A	WB	T	0.54	10.3	B	WB	T	0.63	10.6	B	WB	T	0.67	2.3	A	WB	T	0.76	3.6	A
	SB	LR	0.60	48.9	D	SB	LR	0.86	69.7	E *	SB	LR	0.45	43.8	D	SB	LR	0.69	55.4	E *	SB	LR	0.34	38.8	D	SB	LR	0.55	45.3	D	SB	LR	0.47	44.2	D	SB	LR	0.63	50.1	D
Northern Boulevard (EB-WB) &	EB	TR	0.66	11.3	B	EB	TR	0.78	15.3	B	EB	TR	0.92	24.7	C *	EB	TR	1.06	57.2	E *	EB	TR	1.05	39.8	D *	EB	TR	1.20	99.5	F *	EB	TR	1.03	46.0	D *	EB	TR	1.19	108.0	F *
48th Street (NB) &	WB	L	0.62	8.4	A	WB	L	0.86	23.4	C	WB	L	0.98	91.9	F *	WB	L	1.18	162.3	F *	WB	L	1.05	117.3	F *	WB	L	1.13	137.2	F *	WB	L	1.05	94.8	F *	WB	L	1.10	97.0	F *
34th Avenue	WB	TR	1.05	28.1	C *	WB	TR	1.10	50.8	D *	WB	TR	1.05	45.0	D *	WB	TR	1.16	83.4	F *	WB	TR	1.05	46.6	D *	WB	TR	1.16	89.9	F *	WB	TR	1.05	36.0	D *	WB	TR	1.18	86.6	F *
	NB	L	0.88	75.8	E *	NB	L	1.32	216.3	F *	NB	L	0.94	89.6	F *	NB	L	1.62	351.7	F *	NB	L	1.05	122.6	F *	NB	L	1.48	289.4	F *	NB	L	1.05	118.8	F *	NB	L	1.62	350.6	F *
	NB	TR	0.47	44.8	D	NB	TR	0.48	45.4	D	NB	TR	0.87	75.5	E *	NB	TR	0.91	83.5	F *	NB	TR	1.05	115.3	F *	NB	TR	1.09	128.6	F *	NB	TR	1.01	103.1	F *	NB	TR	1.05	113.6	F *
Northern Boulevard (EB-WB) &	EB	L	0.92	95.8	F *	EB	L	1.02	123.5	F *	EB	L	0.61	31.4	C	EB	L	0.71	36.5	D	EB	L	1.05	73.0	E *	EB	L	1.24	148.2	F *	EB	L	0.70	32.2	C	EB	L	0.83	44.0	D
51st Street (SB) &	EB	TR	0.65	35.1	D	EB	TR	0.72	35.5	D	EB	TR	0.85	42.0	D	EB	TR	0.91	45.3	D *	EB	TR	1.05	37.3	D *	EB	TR	1.14	71.6	E *	EB	TR	0.82	34.6	C	EB	TR	0.88	38.3	D
Woodside Avenue (NB)	WB	L	0.25	15.2	B	WB	L	0.30	16.6	B	WB	L	0.27	18.1	B	WB	L	0.32	20.5	C	WB	L	0.33	29.6	C	WB	L	0.34	32.2	C	WB	L	0.25	17.7	B	WB	L	0.30	20.1	C
	WB	TR	1.05	67.3	E *	WB	TR	1.11	88.6	F *	WB	TR	0.61	22.3	C	WB	TR	0.65	23.3	C	WB	TR	0.63	27.8	C	WB	TR	0.69	29.4	C	WB	TR	0.66	23.7	C	WB	TR	0.72	25.1	C
	NB	LTR	1.05	108.5	F *	NB	LTR	1.11	127.7	F *	NB	LTR	1.05	105.9	F *	NB	LTR	1.11	125.1	F *	NB	LTR	1.05	98.7	F *	NB	LTR	1.11	119.6	F *	NB	LTR	1.05	106.0	F *	NB	LTR	1.12	129.3	F *
	SB	LT	0.43	37.2	D	SB	LT	0.45	37.7	D	SB	LT	0.35	35.1	D	SB	LT	0.37	35.6	D	SB	LT	0.43	31.8	C	SB	LT	0.45	32.2	C	SB	LT	0.47	37.6	D	SB	LT	0.49	38.2	D
	SB	R	1.05	99.9	F *	SB	R	1.12	121.8	F *	SB	R	0.75	52.1	D	SB	R	0.81	58.4	E *	SB	R	0.57	36.9	D	SB	R	0.67	41.3	D	SB	R	1.03	99.6	F *	SB	R	1.15	137.6	F *
Skillman Avenue (WB) &	WB	LT	0.52	14.8	B	WB	LT	0.54	15.1	B	WB	LT	0.26	12.0	B	WB	LT	0.27	12.1	B	WB	LT	0.30	12.3	B	WB	LT	0.31	12.4	B	WB	LT	0.30	12.4	B	WB	LT	0.31	12.5	B
39th Street (NB-SB)	WB	R	0.25	12.8	B	WB	R	0.33	13.8	B	WB	R	0.16	11.6	B	WB	R	0.30	13.2	B	WB	R	0.16	11.6	B	WB	R	0.28	13.1	B	WB	R	0.21	12.1	B	WB	R	0.33	13.6	B
	NB	LT	0.71	18.9	B	NB	LT	0.75	20.3	C	NB	LT	0.70	26.8	C	NB	LT	0.85	36.6	D	NB	LT	0.75	20.5	C	NB	LT	1.00	53.9	D *	NB	LT	0.67	26.7	C	NB	LT	0.75	28.4	C
	SB	T	0.62	15.8	B	SB	T	0.71	16.6	B	SB	T	0.65	24.4	C	SB	T	0.80	29.2	C	SB	T	0.70	12.9	B	SB	T	0.82	14.7	B	SB	T	0.60	24.0	C	SB	T	0.72	28.4	C
	SB	R	0.76	21.8	C	SB	R	0.82	20.3	C	SB	R	0.35	16.3	B	SB	R	0.38	16.7	B	SB	R	0.32	8.4	A	SB	R	0.33	8.1	A	SB	R	0.20	15.9	B	SB	R	0.23	16.8	B

Intersections	Existing AM Peak Hour					No-Action AM Peak Hour					Existing Midday Peak Hour					No-Action Midday Peak Hour					Existing PM Peak Hour					No-Action PM Peak Hour					Existing SAT Peak Hour					No-Action SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
43rd Avenue (EB) &	EB	LT	0.22	11.7	B	EB	LT	0.23	11.8	B	EB	LT	0.24	11.8	B	EB	LT	0.26	12.0	B	EB	LT	0.37	13.0	B	EB	LT	0.41	13.4	B	EB	LT	0.09	10.8	B	EB	LT	0.12	10.9	B
39th Street (NB-SB)	EB	R	0.06	10.8	B	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B	EB	R	0.06	10.7	B	EB	R	0.06	10.7	B	EB	R	0.12	11.3	B	EB	R	0.13	11.4	B
	NB	TR	0.64	19.4	B	NB	TR	0.66	20.0	C	NB	TR	0.65	19.9	B	NB	TR	0.68	21.0	C	NB	TR	0.63	19.1	B	NB	TR	0.68	20.6	C	NB	TR	0.79	25.8	C	NB	TR	0.84	29.2	C
	SB	LT	1.05	72.6	E *	SB	LT	1.32	175.0	F *	SB	LT	1.03	59.3	E *	SB	LT	1.56	273.9	F *	SB	LT	1.05	76.1	E *	SB	LT	1.51	262.5	F *	SB	LT	1.05	70.9	E *	SB	LT	1.60	297.7	F *
Greenpoint Avenue (EB-WB) &	EB	LTR	0.30	32.8	C	EB	LTR	0.29	32.7	C	EB	LTR	0.47	33.5	C	EB	LTR	0.50	34.7	C	EB	LTR	0.56	26.4	C	EB	LTR	0.59	27.9	C	EB	LTR	0.56	35.6	D	EB	LTR	0.58	36.9	D
39th Street (NB-SB)	WB	LT	0.34	15.7	B	WB	LT	0.36	15.9	B	WB	LT	0.21	13.8	B	WB	LT	0.21	13.9	B	WB	LT	0.17	13.4	B	WB	LT	0.18	13.5	B	WB	LT	0.23	14.0	B	WB	LT	0.24	14.1	B
	WB	R	0.06	12.3	B	WB	R	0.06	12.4	B	WB	R	0.03	12.0	B	WB	R	0.03	12.0	B	WB	R	0.06	12.3	B	WB	R	0.06	12.3	B	WB	R	0.01	11.8	B	WB	R	0.01	11.8	B
	NB	LTR	0.32	29.5	C	NB	LTR	0.33	29.7	C	NB	LTR	0.24	28.1	C	NB	LTR	0.25	28.2	C	NB	LTR	0.18	27.1	C	NB	LTR	0.18	27.2	C	NB	LTR	0.15	26.7	C	NB	LTR	0.16	26.8	C
	SB	LTR	0.58	36.9	D	SB	LTR	0.66	40.2	D	SB	LTR	0.56	35.9	D	SB	LTR	0.61	37.5	D	SB	LTR	0.64	38.6	D	SB	LTR	0.70	41.2	D	SB	LTR	0.63	38.1	D	SB	LTR	0.69	40.6	D
Greenpoint Avenue (EB-WB) &	EB	TR	0.34	7.7	A	EB	TR	0.35	8.2	A	EB	TR	0.50	18.9	B	EB	TR	0.52	19.7	B	EB	TR	0.61	35.0	D	EB	TR	0.65	36.6	D	EB	TR	0.54	18.8	B	EB	TR	0.58	19.6	B
38th Street (SB)	WB	LT	0.57	27.5	C	WB	LT	0.63	27.4	C	WB	LT	0.42	18.8	B	WB	LT	0.45	18.7	B	WB	LT	0.29	16.8	B	WB	LT	0.32	17.6	B	WB	LT	0.43	18.7	B	WB	LT	0.47	19.1	B
	SB	LTR	0.57	36.2	D	SB	LTR	0.61	37.9	D	SB	LTR	0.48	33.6	C	SB	LTR	0.50	34.2	C	SB	LTR	0.54	35.2	D	SB	LTR	0.56	35.7	D	SB	LTR	0.39	31.1	C	SB	LTR	0.43	32.0	C
Greenpoint Avenue (EB-WB) &	EB	LT	0.29	4.3	A	EB	LT	0.33	5.4	A	EB	LT	0.32	17.8	B	EB	LT	0.33	18.1	B	EB	LT	0.30	7.8	A	EB	LT	0.32	8.0	A	EB	LT	0.49	21.4	C	EB	LT	0.55	22.9	C
Hunters Point Avenue (NW-SE)	WB	TR	0.77	29.7	C	WB	TR	0.84	33.6	C	WB	TR	0.66	23.6	C	WB	TR	0.71	25.8	C	WB	TR	0.50	18.2	B	WB	TR	0.53	18.9	B	WB	TR	0.59	20.3	C	WB	TR	0.64	22.2	C
	SE	LTR	0.88	58.5	E *	SE	LTR	1.02	90.9	F *	SE	LTR	0.86	49.7	D	SE	LTR	1.18	137.3	F *	SE	LTR	0.75	41.3	D	SE	LTR	0.88	55.1	E *	SE	LTR	0.82	45.9	D	SE	LTR	0.91	57.9	E *
	NW	LTR	1.05	77.6	E *	NW	LTR	1.10	94.8	F *	NW	LTR	1.05	79.2	E *	NW	LTR	1.12	104.5	F *	NW	LTR	0.92	47.2	D *	NW	LTR	0.99	59.5	E *	NW	LTR	1.05	79.4	E *	NW	LTR	1.13	109.0	F *
Greenpoint Avenue (NE-SW) &	WB	LTR	0.91	28.1	C *	WB	LTR	0.95	30.3	C *	WB	LTR	0.75	24.7	C	WB	LTR	0.78	25.8	C	WB	LTR	0.65	24.3	C	WB	LTR	0.67	24.9	C	WB	LTR	0.74	24.3	C	WB	LTR	0.77	25.3	C
Queens Midtown Expressway (WB)	NE	LT	0.33	16.6	B	NE	LT	0.34	16.6	B	NE	LT	0.24	5.4	A	NE	LT	0.25	5.4	A	NE	LT	0.33	7.7	A	NE	LT	0.34	7.8	A	NE	LT	0.30	5.1	A	NE	LT	0.31	5.1	A
	SW	TR	0.66	26.0	C	SW	TR	0.71	27.1	C	SW	TR	0.60	20.8	C	SW	TR	0.63	21.5	C	SW	TR	0.51	21.3	C	SW	TR	0.53	21.1	C	SW	TR	0.56	20.0	C	SW	TR	0.60	20.7	C
Greenpoint Avenue (NE-SW) &	EB	LTR	1.01	66.4	E *	EB	LTR	1.05	78.1	E *	EB	LTR	0.90	40.3	D *	EB	LTR	0.93	44.7	D *	EB	LTR	0.95	48.1	D *	EB	LTR	0.98	55.5	E *	EB	LTR	1.00	56.6	E *	EB	LTR	1.04	67.4	E *
Borden Avenue (EB)	NE	T	0.38	36.2	D	NE	T	0.40	36.6	D	NE	T	0.41	31.7	C	NE	T	0.42	32.0	C	NE	T	0.64	52.2	D	NE	T	0.67	53.4	D	NE	T	0.53	34.3	C	NE	T	0.55	34.9	C
	NE	R	1.05	101.1	F *	NE	R	1.10	114.6	F *	NE	R	1.05	90.0	F *	NE	R	1.10	104.5	F *	NE	R	1.05	108.8	F *	NE	R	1.10	123.3	F *	NE	R	1.05	95.2	F *	NE	R	1.10	109.9	F *
	SW	L	1.05	81.0	F *	SW	L	1.12	107.0	F *	SW	L	1.05	70.3	E *	SW	L	1.11	89.6	F *	SW	L	1.00	69.9	E *	SW	L	1.04	82.3	F *	SW	L	1.03	63.3	E *	SW	L	1.09	83.8	F *
	SW	T	0.83	23.0	C	SW	T	0.86	24.0	C	SW	T	0.60	10.8	B	SW	T	0.63	10.8	B	SW	T	0.69	23.2	C	SW	T	0.72	23.8	C	SW	T	0.45	9.2	A	SW	T	0.47	9.0	A
Unsignalized																																								
36th Avenue (EB-WB) &	EB	LR	-	7.4	A	EB	LR	-	7.3	A	EB	LR	-	7.8	A	EB	LR	-	8.3	A	EB	LR	-	8.2	A	EB	LR	-	8.8	A	EB	LR	-	7.4	A	EB	LR	-	7.7	A
41st Street (NB)	WB	LTR	-	8.6	A	WB	LTR	-	8.7	A	WB	LTR	-	8.3	A	WB	LTR	-	8.9	A	WB	LTR	-	8.8	A	WB	LTR	-	9.8	A	WB	LTR	-	8.4	A	WB	LTR	-	9.3	A
(All-Way Stop Controlled)	NB	LT	-	8.0	A	NB	LT	-	7.9	A	NB	LT	-	8.0	A	NB	LT	-	8.2	A	NB	LT	-	8.4	A	NB	LT	-	8.9	A	NB	LT	-	7.9	A	NB	LT	-	8.2	A
Northern Boulevard (EB-WB) &	EB	L	0.02	13.0	B	EB	L	0.02	15.4	C	EB	L	0.02	10.9	B	EB	L	0.02	11.8	B	EB	L	0.04	12.0	B	EB	L	0.05	13.1	B	EB	L	0.01	10.9	B	EB	L	0.02	11.9	B
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.00	0.0	A	WB	L	0.01	9.1	A	WB	L	0.01	9.4	A	WB	L	0.01	11.2	B	WB	L	0.01	11.7	B	WB	L	0.01	9.4	A	WB	L	0.01	9.8	A
	NB	LTR	0.01	9.0	A	NB	LTR	0.01	9.0	A	NB	LTR	0.04	10.6	B	NB	LTR	0.04	10.5	B	NB	LTR	0.04	10.5	B	NB	LTR	0.05	11.6	B	NB	LTR	0.01	9.1	A	NB	LTR	0.01	9.2	A
Northern Boulevard (EB-WB) &	EB	L	0.19	0.0	A	EB	L	0.21	0.0	A	EB	L	0.02	0.7	A	EB	L	0.02	0.7	A	EB	L	0.01	0.3	A	EB	L	0.01	0.3	A	EB	L	0.02	0.7	A	EB	L	0.02	0.7	A
Newtown Road (SB)	SB	R	0.03	13.0	B	SB	R	0.03	13.0	B	SB	R	0.04	10.3	B	SB	R	0.05	10.2	B	SB	R	0.03	10.6	B	SB	R	0.03	10.6	B	SB	R	0.05	11.6	B	SB	R	0.05	11.6	B
Hunters Point Avenue (WB) &	SB	R	0.04	13.8	B	SB	R	0.04	14.2	B	SB	R	0.02	11.9	B	SB	R	0.02	12.1	B	SB	R	0.04	12.4	B	SB	R	0.04	12.9	B	SB	R	0.04	12.9	B	SB	R	0.05	13.4	B
38th Street (SB)																																								
Queens Midtown Expressway (WB) &	SB	R	0.07	14.0	B	SB	R	0.08	14.4	B	SB	R	0.05	11.9	B	SB	R	0.05	12.2	B	SB	R	0.08	12.3	B	SB	R	0.08	12.8	B	SB	R	0.03	12.9	B	SB	R	0.03	13.4	B
39th Street (SB)																																								

* Denotes congested lane group.

TABLE D-3

WITH-ACTION INTERSECTION LEVEL OF SERVICE ANALYSIS

	No-Action AM Peak Hour					With-Action AM Peak Hour					No-Action Midday Peak Hour					With-Action Midday Peak Hour					No-Action PM Peak Hour					With-Action PM Peak Hour					No-Action SAT Peak Hour					With-Action SAT Peak Hour				
Intersections	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Signalized																																							
Broadway (EB-WB) &	EB	LT	0.44	10.9	B	EB	LT	0.46	11.1	B	EB	LT	0.64	16.8	B	EB	LT	0.67	17.8	B	EB	LT	0.70	16.5	B	EB	LT	0.71	17.1	B	EB	LT	0.86	28.4	C	EB	LT	0.86	28.9	C
43rd Street (NB)	WB	TR	0.65	14.9	B	WB	TR	0.65	15.1	B	WB	TR	0.63	16.4	B	WB	TR	0.65	16.9	B	WB	TR	0.68	15.5	B	WB	TR	0.68	15.5	B	WB	TR	0.77	21.5	C	WB	TR	0.76	20.9	C
	NB	LTR	1.19	135.2	F	NB	LTR	1.47	244.5	F *	NB	LTR	1.27	175.0	F	NB	LTR	1.42	233.8	F *	NB	LTR	1.28	171.2	F	NB	LTR	1.50	265.7	F *	NB	LTR	1.28	174.5	F	NB	LTR	1.51	271.9	F *
34th Avenue (EB-WB) &	EB	TR	0.47	11.8	B	EB	TR	0.50	12.3	B	EB	TR	0.54	12.9	B	EB	TR	0.57	13.6	B	EB	TR	0.70	17.4	B	EB	TR	0.73	18.9	B	EB	TR	0.65	15.6	B	EB	TR	0.67	16.1	B
38th Street (SB)	WB	LT	0.62	15.0	B	WB	LT	0.64	15.5	B	WB	LT	0.66	15.8	B	WB	LT	0.69	16.9	B	WB	LT	0.56	13.1	B	WB	LT	0.58	13.8	B	WB	LT	0.57	13.7	B	WB	LT	0.59	14.1	B
	SB	LTR	0.59	23.2	C	SB	LTR	0.66	25.7	C	SB	LTR	0.65	25.3	C	SB	LTR	0.77	32.1	C	SB	LTR	0.66	25.5	C	SB	LTR	0.78	31.7	C	SB	LTR	0.69	26.9	C	SB	LTR	0.78	32.3	C
34th Avenue (EB-WB) &	EB	LT	0.34	10.1	B	EB	LT	0.37	10.5	B	EB	LT	0.53	13.1	B	EB	LT	0.55	13.6	B	EB	LT	0.62	15.1	B	EB	LT	0.64	15.9	B	EB	LT	0.67	16.2	B	EB	LT	0.68	16.8	B
41st Street (NB)	WB	TR	0.56	13.2	B	WB	TR	0.57	13.5	B	WB	TR	0.57	13.6	B	WB	TR	0.59	14.2	B	WB	TR	0.64	15.2	B	WB	TR	0.67	16.2	B	WB	TR	0.60	14.1	B	WB	TR	0.62	14.8	B
	NB	LTR	0.36	22.2	C	NB	LTR	0.47	20.3	C	NB	LTR	0.39	18.7	B	NB	LTR	0.55	17.1	B	NB	LTR	0.54	26.9	C	NB	LTR	0.72	24.9	C	NB	LTR	0.44	22.5	C	NB	LTR	0.63	19.5	B
34th Avenue (EB-WB) &	EB	LT	0.33	9.9	A	EB	LT	0.34	10.0	B	EB	LT	0.53	13.4	B	EB	LT	0.53	13.3	B	EB	LT	0.54	13.1	B	EB	LT	0.54	13.1	B	EB	LT	0.62	15.0	B	EB	LT	0.62	15.0	B
43rd Street (NB)	WB	TR	0.64	15.2	B	WB	TR	0.66	15.6	B	WB	TR	0.64	15.3	B	WB	TR	0.66	15.8	B	WB	TR	0.64	15.0	B	WB	TR	0.67	16.1	B	WB	TR	0.64	15.1	B	WB	TR	0.66	15.7	B
	NB	LTR	0.71	30.8	C	NB	LTR	0.88	42.7	D	NB	LTR	0.73	37.0	D	NB	LTR	0.86	44.7	D	NB	LTR	0.88	46.4	D	NB	LTR	1.04	76.1	E *	NB	LTR	0.82	42.3	D	NB	LTR	0.99	62.0	E *
35th Avenue (EB-WB) &	EB	LT	0.46	14.1	B	EB	LT	0.49	14.6	B	EB	LT	0.47	13.5	B	EB	LT	0.50	14.1	B	EB	LT	0.52	14.5	B	EB	LT	0.54	15.0	B	EB	LT	0.49	13.9	B	EB	LT	0.50	14.1	B
37th Street (NB)	WB	TR	0.65	11.6	B	WB	TR	0.71	11.8	B	WB	TR	0.52	9.5	A	WB	TR	0.57	10.2	B	WB	TR	0.56	10.2	B	WB	TR	0.61	10.4	B	WB	TR	0.59	10.7	B	WB	TR	0.64	11.5	B
	NB	LTR	0.55	18.4	B	NB	LTR	0.75	24.7	C	NB	LTR	0.52	24.2	C	NB	LTR	0.56	24.8	C	NB	LTR	0.90	40.3	D	NB	LTR	0.80	30.3	C	NB	LTR	0.73	30.2	C	NB	LTR	0.49	21.9	C
35th Avenue (EB-WB) &	EB	TR	0.45	9.4	A	EB	TR	0.52	10.3	B	EB	TR	0.54	9.7	A	EB	TR	0.56	9.4	A	EB	TR	0.75	15.5	B	EB	TR	0.66	11.3	B	EB	TR	0.78	18.0	B	EB	TR	0.61	10.2	B
38th Street (SB)	WB	LT	0.70	25.0	C	WB	LT	0.86	25.4	C	WB	LT	0.59	16.9	B	WB	LT	0.70	21.1	C	WB	LT	0.71	21.6	C	WB	LT	0.76	23.9	C	WB	LT	1.09	90.6	F	WB	LT	0.74	22.6	C
	SB	LTR	0.57	24.2	C	SB	LTR	0.66	26.7	C	SB	LTR	0.64	23.6	C	SB	LTR	0.78	29.7	C	SB	LTR	0.78	27.4	C	SB	LTR	0.99	54.2	D *	SB	LTR	0.70	25.4	C	SB	LTR	0.84	33.7	C
35th Avenue (EB-WB) &	EB	LTR	0.37	16.5	B	EB	LTR	0.46	18.0	B	EB	LTR	1.29	185.6	F	EB	LTR	1.46	259.2	F *	EB	LTR	1.39	226.8	F	EB	LTR	1.60	316.9	F *	EB	LTR	1.34	205.1	F	EB	LTR	1.48	265.8	F *
Steinway Street (NB-SB)	WB	LTR	0.51	21.3	C	WB	LTR	0.91	44.6	D	WB	LTR	0.70	38.0	D	WB	LTR	1.18	141.8	F *	WB	LTR	0.71	37.6	D	WB	LTR	1.65	340.8	F *	WB	LTR	0.78	42.3	D	WB	LTR	1.70	363.4	F *
	NB	LTR	0.54	15.8	B	NB	LTR	0.85	32.1	C	NB	LTR	0.53	15.1	B	NB	LTR	0.66	19.2	B	NB	LTR	0.60	16.9	B	NB	LTR	0.71	21.0	C	NB	LTR	0.79	24.3	C	NB	LTR	0.84	28.7	C
	SB	LTR	0.92	58.4	E	SB	LTR	1.05	92.2	F *	SB	LTR	0.46	13.6	B	SB	LTR	0.51	14.8	B	SB	LTR	0.53	15.1	B	SB	LTR	0.60	16.9	B	SB	LTR	0.49	14.2	B	SB	LTR	0.53	15.2	B
35th Avenue (EB-WB) &	EB	LT	0.35	14.9	B	EB	LT	0.43	14.8	B	EB	LT	0.37	10.2	B	EB	LT	0.45	11.3	B	EB	LT	0.50	12.2	B	EB	LT	0.62	15.0	B	EB	LT	0.39	10.5	B	EB	LT	0.47	11.8	B
41st Street (NB)	WB	TR	0.42	5.8	A	WB	TR	0.49	5.8	A	WB	TR	0.32	5.5	A	WB	TR	0.35	4.9	A	WB	TR	0.48	9.5	A	WB	TR	0.54	8.5	A	WB	TR	0.44	7.6	A	WB	TR	0.47	6.5	A
	NB	LTR	0.28	17.2	B	NB	LTR	0.74	31.5	C	NB	LTR	0.40	19.3	B	NB	LTR	0.97	66.4	E *	NB	LTR	0.30	17.3	B	NB	LTR	1.12	107.1	F *	NB	LTR	0.28	17.1	B	NB	LTR	1.06	86.8	F *
35th Avenue (EB-WB) &	EB	TR	0.28	6.8	A	EB	TR	0.38	8.1	A	EB	TR	0.47	8.7	A	EB	TR	0.70	15.2	B	EB	TR	0.49	8.9	A	EB	TR	0.78	16.8	B	EB	TR	0.44	8.0	A	EB	TR	0.73	15.7	B
42nd Street (SB)	WB	LT	0.39	7.2	A	WB	LT	0.50	9.7	A	WB	LT	0.30	5.4	A	WB	LT	0.38	5.9	A	WB	LT	0.33	8.2	A	WB	LT	0.51	11.0	B	WB	LT	0.34	6.2	A	WB	LT	0.52	8.6	A
	SB	LTR	0.42	16.8	B	SB	LTR	0.50	18.4	B	SB	LTR	0.44	17.3	B	SB	LTR	0.56	20.3	C	SB	LTR	0.61	21.4	C	SB	LTR	0.85	37.2	D	SB	LTR	0.62	21.6	C	SB	LTR	0.73	26.5	C
35th Avenue (EB-WB) &	EB	L	0.19	6.9	A	EB	L	0.28	6.7	A	EB	L	0.37	7.9	A	EB	L	0.48	10.8	B	EB	L	0.48	9.9	A	EB	L	0.62	12.0	B	EB	L	0.34	6.8	A	EB	L	0.43	9.0	A
43rd Street (NE)	WB	TR	0.44	11.3	B	WB	TR	0.45	11.4	B	WB	TR	0.34	11.7	B	WB	TR	0.38	11.8	B	WB	TR	0.36	14.2	B	WB	TR	0.44	15.3	B	WB	TR	0.38	11.5	B	WB	TR	0.44	11.8	B
	NE	LT	0.38	8.6	A	NE	LT	0.61	12.1	B	NE	LT	0.34	12.3	B	NE	LT	0.57	19.0	B	NE	LT	0.47	15.8	B	NE	LT	0.76	17.8	B	NE	LT	0.43	13.8	B	NE	LT	0.73	19.5	B
36th Avenue (EB-WB) &	EB	LT	0.36	10.4	B	EB	LT	0.42	11.5	B	EB	LT	0.52	12.6	B	EB	LT	0.55	13.4	B	EB	LT	0.60	14.5	B	EB	LT	0.63	15.3	B	EB	LT	0.46	11.7	B	EB	LT	0.44	11.3	B
37th Street (NB)	WB	TR	0.61	10.1	B	WB	TR	0.88	23.9	C	WB	TR	0.46	6.5	A	WB	TR	0.61	9.1	A	WB	TR	0.35	11.4	B	WB	TR	0.58	14.6	B	WB	TR	0.47	7.5	A	WB	TR	0.65	10.3	B
	NB	LTR	0.36	17.9	B	NB	LTR	0.40	18.4	B	NB	LTR	0.34	16.9	B	NB	LTR	0.36	17.3	B	NB	LTR	0.49	19.2	B	NB	LTR	0.51	19.9	B	NB	LTR	0.33	17.5	B	NB	LTR	0.31	17.5	B
36th Avenue (EB-WB) &	EB	TR	0.30	7.1	A	EB	TR	0.31	7.1	A	EB	TR	0.43	6.0	A	EB	TR	0.46	6.1	A	EB	TR	0.47	4.3	A	EB	TR	0.50	4.4	A	EB	TR	0.37	6.0	A	EB	TR	0.42	6.2	A
38th Street (SB)	WB	LT	0.55	9.3	A	WB	LT	0.62	10.5	B	WB	LT	0.43	7.9	A	WB	LT	0.49	8.9	A	WB	LT	0.34	8.9	A	WB	LT	0.42	9.7	A	WB	LT	0.42	7.8	A	WB	LT	0.49	8.4	A
	SB	LTR	0.68	27.3	C	SB	LTR	1.04	71.8	E *	SB	LTR	0.58	25.3	C	SB	LTR	0.82	34.3	C	SB	LTR	0.67	22.4	C	SB	LTR	0.97	42.8	D	SB	LTR	0.62	20.6	C	SB	LTR	0.83	33.1	C
36th Avenue (EB-WB) &	EB	LTR	0.54	36.9	D	EB	LTR	0.99	88.1	F *	EB	LTR	0.97	76.7	E	EB	LTR	1.36	217.6	F *	EB	LTR	1.20	157.0	F	EB	LTR	1.79	411.5	F *	EB	LTR	1.15	138.3	F	EB	LTR	1.62	331.6	F *
Steinway Street (NB-SB)	WB	LTR	0.68	47.1	D	WB	LTR	0.85	62.9	E *	WB	LTR	0.57	42.7	D	WB	LTR	0.64	45.7	D	WB	LTR	0.67	47.5	D	WB	LTR	0.76	54.4	D *	WB	LTR	0.72	50.0	D	WB	LTR	0.76	53.9	D
	NB	LTR	0.34	21.7	C	NB	LTR	0.41	23.8	C	NB	LTR	0.40	2.7	A	NB	LTR	0.48	3.0	A	NB	LTR	0.37	16.0	B	NB	LTR	0.46	18.3	B	NB	LTR	0.49	2.9	A	NB	LTR	0.55	4.5	A
	SB	LTR	0.42	2.0	A	SB	LTR	0.55	5.0	A	SB	LTR	0.39	12.6	B	SB	LTR	0.49	14.3	B	SB	LTR	0.36	12.1	B	SB	LTR	0.54	15.6	B	SB	LTR	0.45	13.3	B	SB	LTR	0.68	19.2	B
Northern Boulevard (EB-WB) &	EB	LT	0.34	16.2	B	EB	LT	0.36	16.5	B	EB	LT	0.44	17.9	B	EB	LT	0.46	18.1	B	EB	LT	0.51	19.1	B	EB	LT	0.53	19.6	B	EB	LT	0.46	18.2	B	EB	LT	0.48	18.6	B
Queensboro Bridge (SB)	WB	T	0.26	39.8	D	WB	T	0.31	40.2	D	WB	T	0.37	26.2	C	WB	T	0.39	26.1	C	WB	T	0.47	35.4	D	WB	T	0.48	35.8	D	WB	T	0.38	19.8	B	WB	T	0.41	19.9	B
	WB	R	1.11	70.6	E	WB	R	1.14	83.2	F *	WB	R	1.05	82.1	F	WB	R	1.07	89.8	F *	WB	R	1.07	61.4	E	WB	R	1.10	71.1	E *	WB	R	1.12	103.1	F	WB	R	1.14	112.0	F *
	SB	L	0.86	43.2	D	SB	L	0.87	43.9	D	SB	L	0.78	38.6	D	SB	L	0.79	39.2	D	SB	L	1.02	70.0	E	SB	L	1.05	77.8	E *	SB	L	0.89	45.9	D	SB	L	0.92	48.7	D
Northern Boulevard (EB-WB) &	EB	TR	0.73	34.0	C	EB	TR	0.74	34.7	C	EB	TR	0.67	24.4	C	EB	TR	0.68	25.2	C	EB	TR	0.89	20.0	C	EB	TR	0.92	22.0	C	EB	TR	0.77	29.2	C	EB	TR	0.79	30.5	C
40th Road (SB) &	WB	L	0.09	8.5	A	WB	L	0.09	8.5	A	WB	L	0.03	7.2	A	WB	L	0.03	6.9	A	WB	L	-	-		WB	L	-	-		WB	L	0.06	7.0	A	WB	L	0.06	6.7	A
Driveway (NB)	WB	T	0.96	21.1	C	WB	T	1.00	28.3	C	WB	T	0.71	15.7	B	WB	T	0.73	15.8	B	WB	T	0.67	16.8	B	WB	T	0.69	17.5	B	WB	T	0.84	18.9	B	WB	T	0.86	19.3	B
	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	0.02	37.1	D	NB	LTR	0.02	37.1	D	NB	LTR	0.04	37.3	D	NB	LTR	0.04	37.3	D	NB	LTR	-	-		NB	LTR	-	-	
	SB	LTR	0.63	54.2	D	SB	LTR	0.63	54.2	D	SB	LTR	0.67	56.7	E	SB	LTR	0.67	56.7	E	SB	LTR	0.93	86.0	F	SB	LTR	0.93	86.0	F	SB	LTR	0.67	55.9	E	SB	LTR	0.67	55.9	E
Northern Boulevard (EB-WB) &	EB	L	0.63	50.3	D	EB	L	0.63	50.0	D	EB	L	0.76	47.4	D	EB	L	0.76	47.4	D	EB	L	0.46	48.5	D	EB	L	0.46	48.6	D	EB	L	0.50	37.1	D	EB	L	0.50	37.0	D
40th Avenue &	EB	T	0.79	14.5	B	EB	T	0.80	14.8	B	EB	T	0.77	24.7	C	EB	T	0.79	24.9	C	EB	T	0.94	16.0	B	EB	T	0.97	19.0	B	EB	T	0.75	17.7	B	EB	T	0.78	17.5	B
31st Street (SB)	WB	T	0.90	8.5	A	WB	T	0.94	10.0	B	WB	T	0.61	7.5	A	WB	T	0.63	7.6	A	WB	T	0.57	5.7	A	WB	T	0.59	5.9	A	WB	T	0.72	10.2	B	WB	T	0.74	10.2	B
	WB	R	0.04	0.0	A	WB	R	0.04	0.0	A	WB	R	0.19	0.3	A	WB	R	0.19	0.3	A	WB	R	0.20	0.3	A	WB	R	0.20	0.3	A	WB	R	0.16	0.2	A	WB	R	0.16	0.2	A
	SB	TR	0.39	35.6	D	SB	TR	0.39	35.6	D	SB	TR	0.42	36.2	D	SB	TR	0.42	36.2	D	SB	TR	0.48	37.4	D	SB	TR	0.48	37.4	D	SB	TR	0.49	37.4	D	SB	TR	0.49	37.4	D
Northern Boulevard (EB-WB) &	EB	LTR	0.78	11.5	B	EB	LTR	0.81	12.6	B	EB	LTR	0.64	11.0	B	EB	LTR	0.66	11.8	B	EB	LTR	1.03	26.2	C	EB	LTR	1.06	37.4	D	EB	LTR	0.73	10.5	B	EB	LTR	0.76	11.7	B
39th Avenue &	WB	TR	0.94	13.2	B	WB	TR	0.98	17.6	B	WB	TR	0.58	12.2	B	WB	TR	0.60	12.2	B	WB	TR	0.61	38.7	D	WB	TR	0.63	39.0	D	WB	TR	0.66	14.7	B	WB	TR	0.68	15.3	B
Honeywell Street (NB)	NB	L	0.47	42.8	D	NB	L	0.47	42.8	D	NB	L	0.68	54.2	D	NB	L	0.68	54.2	D	NB	L	0.61	48.1	D	NB	L	0.61	48.1	D	NB	L	1.05	107.8	F	NB	L	1.05	107.8	F
	NB	TR	0.97	86.5	F	NB	TR	0.97	86.5	F	NB	TR	1.14	140.8	F	NB	TR	1.14	140.8	F	NB	TR	1.14	136.5	F	NB	TR	1.14	136.5	F	NB	TR	1.04	106.2	F	NB	TR	1.04	106.2	F

Intersections	No-Action AM Peak Hour					With-Action AM Peak Hour					No-Action Midday Peak Hour					With-Action Midday Peak Hour					No-Action PM Peak Hour					With-Action PM Peak Hour					No-Action SAT Peak Hour					With-Action SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Northern Boulevard (EB-WB) &	EB	T	0.47	7.8	A	EB	T	0.49	7.9	A	EB	T	0.46	11.7	B	EB	T	0.47	12.0	B	EB	T	0.90	34.7	C	EB	T	0.93	36.4	D	EB	T	0.50	12.1	B	EB	T	0.52	12.5	B
34th Street (SB)	WB	T	0.83	0.6	A	WB	T	0.87	0.8	A	WB	T	0.51	12.6	B	WB	T	0.53	12.9	B	WB	T	0.57	12.6	B	WB	T	0.59	13.0	B	WB	T	0.62	14.1	B	WB	T	0.65	14.4	B
	SB	LR	0.32	39.6	D	SB	LR	0.32	39.6	D	SB	LR	0.57	48.9	D	SB	LR	0.57	48.9	D	SB	LR	0.48	43.8	D	SB	LR	0.48	43.8	D	SB	LR	0.43	43.4	D	SB	LR	0.43	43.4	D
Northern Boulevard (EB-WB) &	EB	L	1.38	254.5	F	EB	L	1.67	377.9	F *	EB	L	0.35	7.4	A	EB	L	0.37	8.0	A	EB	L	0.67	10.2	B	EB	L	0.70	10.6	B	EB	L	0.50	14.9	B	EB	L	0.53	17.6	B
35th Street &	EB	T	0.44	11.8	B	EB	T	0.45	11.9	B	EB	T	0.46	2.3	A	EB	T	0.47	2.3	A	EB	T	0.83	3.9	A	EB	T	0.87	4.2	A	EB	T	0.50	2.2	A	EB	T	0.53	2.2	A
38th Avenue (SB)	WB	TR	1.01	19.2	B	WB	TR	1.05	31.3	C	WB	TR	0.63	10.1	B	WB	TR	0.65	10.0	B	WB	TR	0.65	11.6	B	WB	TR	0.67	12.2	B	WB	TR	0.69	11.4	B	WB	TR	0.71	11.4	B
	SB	LTR	0.72	54.9	D	SB	LTR	0.72	54.9	D	SB	LTR	1.19	167.1	F	SB	LTR	1.19	167.1	F	SB	LTR	1.19	161.2	F	SB	LTR	1.19	161.2	F	SB	LTR	0.68	55.3	E	SB	LTR	0.68	55.3	E
Northern Boulevard (EB-WB) &	EB	T	0.55	12.8	B	EB	T	0.57	12.9	B	EB	T	0.56	11.9	B	EB	T	0.57	11.8	B	EB	T	0.94	17.4	B	EB	T	0.97	19.7	B	EB	T	0.56	7.9	A	EB	T	0.58	7.9	A
36th Street (SB)	WB	T	0.97	7.3	A	WB	T	1.01	12.9	B	WB	T	0.55	8.1	A	WB	T	0.57	8.0	A	WB	T	0.59	11.5	B	WB	T	0.62	11.3	B	WB	T	0.64	6.3	A	WB	T	0.67	6.8	A
	SB	LR	0.23	37.4	D	SB	LR	0.24	37.5	D	SB	LR	0.26	39.5	D	SB	LR	0.24	39.2	D	SB	LR	0.29	38.6	D	SB	LR	0.24	37.6	D	SB	LR	0.25	39.3	D	SB	LR	0.19	38.2	D
Northern Boulevard (EB-WB) &	EB	L	1.16	179.6	F	EB	L	1.65	380.9	F *	EB	L	0.34	5.4	A	EB	L	0.39	6.5	A	EB	L	0.52	4.2	A	EB	L	0.58	5.1	A	EB	L	0.64	20.8	C	EB	L	0.64	22.5	C
37th Street (SB) &	EB	TR	0.53	16.4	B	EB	TR	0.54	16.6	B	EB	TR	0.63	3.3	A	EB	TR	0.64	3.4	A	EB	TR	0.90	4.7	A	EB	TR	0.93	5.4	A	EB	TR	0.59	2.4	A	EB	TR	0.62	2.6	A
Standard Lane (NB)	WB	LT	0.96	12.2	B	WB	LT	1.01	19.3	B	WB	LT	0.57	6.7	A	WB	LT	0.59	6.9	A	WB	LT	0.60	9.7	A	WB	LT	0.63	9.9	A	WB	LT	0.69	6.2	A	WB	LT	0.73	6.5	A
	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	0.02	31.9	C	NB	LTR	0.02	31.9	C	NB	LTR	0.02	34.0	C	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	-	-	
	SB	LTR	0.69	54.3	D	SB	LTR	0.71	55.9	E	SB	LTR	0.72	52.7	D	SB	LTR	0.73	53.4	D	SB	LTR	1.02	103.2	F	SB	LTR	1.07	118.5	F *	SB	LTR	0.70	51.2	D	SB	LTR	0.71	52.0	D
Northern Boulevard (EB-WB) &	EB	T	0.61	17.7	B	EB	T	0.62	17.5	B	EB	T	0.63	7.2	A	EB	T	0.64	7.1	A	EB	T	1.05	42.4	D	EB	T	1.08	51.9	D *	EB	T	0.63	8.7	A	EB	T	0.66	8.8	A
38th Street (SB)	WB	T	1.03	29.7	C	WB	T	1.05	39.4	D	WB	T	0.59	4.4	A	WB	T	0.60	4.9	A	WB	T	0.65	15.0	B	WB	T	0.66	15.0	B	WB	T	0.67	3.9	A	WB	T	0.69	4.8	A
	SB	LR	0.84	62.7	E	SB	LR	1.03	90.9	F *	SB	LR	0.68	61.3	E	SB	LR	0.77	65.5	E *	SB	LR	0.71	53.1	D	SB	LR	0.80	52.7	D	SB	LR	0.71	63.3	E	SB	LR	0.79	67.2	E
Northern Boulevard (EB-WB) &	EB	L	0.95	116.9	F	EB	L	0.98	124.0	F *	EB	L	0.47	19.3	B	EB	L	0.50	21.1	C	EB	L	0.66	9.3	A	EB	L	0.74	7.5	A	EB	L	1.03	99.3	F	EB	L	1.11	123.3	F *
39th Street (NB) &	EB	TR	0.81	25.2	C	EB	TR	0.85	27.0	C	EB	TR	0.96	28.9	C	EB	TR	1.00	36.9	D	EB	TR	1.16	82.5	F	EB	TR	1.21	102.7	F *	EB	TR	0.90	20.3	C	EB	TR	0.95	27.0	C
Steinway Street (SB)	WB	L	1.13	69.8	E	WB	L	1.17	83.9	F *	WB	L	1.61	324.5	F	WB	L	1.91	454.8	F *	WB	L	1.38	259.3	F	WB	L	1.43	280.3	F *	WB	L	1.40	227.7	F	WB	L	1.76	385.0	F *
	WB	TR	1.12	60.0	E	WB	TR	1.12	62.9	E	WB	TR	1.10	69.6	E	WB	TR	1.11	72.0	E	WB	TR	1.04	58.2	E	WB	TR	1.04	58.9	E	WB	TR	0.78	6.7	A	WB	TR	0.78	6.9	A
	NB	L	0.85	70.8	E	NB	L	0.85	69.7	E	NB	L	0.41	37.2	D	NB	L	0.41	36.8	D	NB	L	0.69	55.2	E	NB	L	0.69	49.8	D	NB	L	0.31	35.1	D	NB	L	0.31	34.5	C
	NB	TR	1.05	109.4	F	NB	TR	1.27	188.6	F *	NB	TR	1.14	128.8	F	NB	TR	1.38	226.1	F *	NB	TR	1.29	193.9	F	NB	TR	1.73	379.2	F *	NB	TR	1.15	131.9	F	NB	TR	1.38	222.2	F *
	SB	LTR	1.24	184.8	F	SB	LTR	1.82	432.4	F *	SB	LTR	1.28	202.7	F	SB	LTR	1.61	338.3	F *	SB	LTR	1.22	179.0	F	SB	LTR	1.62	337.2	F *	SB	LTR	1.29	201.1	F	SB	LTR	1.62	333.5	F *
Northern Boulevard (EB-WB) &	EB	L	0.47	22.9	C	EB	L	0.96	80.2	F *	EB	L	0.18	6.7	A	EB	L	0.39	7.7	A	EB	L	0.39	4.7	A	EB	L	0.80	11.5	B	EB	L	0.24	6.8	A	EB	L	0.85	14.4	B
41st Street (SB)	EB	T	0.48	11.0	B	EB	T	0.50	11.0	B	EB	T	0.56	7.1	A	EB	T	0.57	7.7	A	EB	T	0.91	9.0	A	EB	T	0.92	10.4	B	EB	T	0.57	6.2	A	EB	T	0.58	6.8	A
	WB	TR	1.11	57.2	E	WB	TR	1.12	62.0	E *	WB	TR	0.57	10.9	B	WB	TR	0.58	11.2	B	WB	TR	0.55	13.4	B	WB	TR	0.55	12.9	B	WB	TR	0.69	10.7	B	WB	TR	0.69	10.9	B
	SB	LR	0.25	38.1	D	SB	LR	0.26	38.3	D	SB	LR	0.35	40.8	D	SB	LR	0.35	40.9	D	SB	LR	0.45	42.0	D	SB	LR	0.45	42.0	D	SB	LR	0.33	40.3	D	SB	LR	0.34	40.5	D
Northern Boulevard (EB-WB) &	EB	TR	0.53	16.1	B	EB	TR	0.56	15.7	B	EB	TR	0.58	10.7	B	EB	TR	0.58	10.7	B	EB	TR	1.03	32.4	C	EB	TR	1.04	34.9	C	EB	TR	0.59	11.0	B	EB	TR	0.59	10.9	B
42nd Street (SB) &	WB	L	0.12	1.6	A	WB	L	0.13	1.6	A	WB	L	0.10	17.5	B	WB	L	0.10	17.5	B	WB	L	0.26	11.5	B	WB	L	0.26	11.5	B	WB	L	0.18	16.1	B	WB	L	0.18	15.9	B
Driveway (NB)	WB	T	1.13	63.0	E	WB	T	1.15	71.9	E *	WB	T	0.56	25.3	C	WB	T	0.57	26.2	C	WB	T	0.64	12.8	B	WB	T	0.68	13.6	B	WB	T	0.66	27.3	C	WB	T	0.69	28.0	C
	NB	LTR	0.30	39.8	D	NB	LTR	0.30	40.0	D	NB	LTR	0.56	55.6	E	NB	LTR	0.56	55.6	E	NB	LTR	0.53	46.3	D	NB	LTR	0.55	47.2	D	NB	LTR	0.78	72.4	E	NB	LTR	0.77	71.2	E
	SB	LTR	0.80	56.0	E	SB	LTR	1.08	112.3	F *	SB	LTR	1.09	124.9	F	SB	LTR	1.40	243.1	F *	SB	LTR	0.82	63.3	E	SB	LTR	1.23	166.0	F *	SB	LTR	1.12	133.2	F	SB	LTR	1.67	358.9	F *
Northern Boulevard (EB-WB) &	EB	LTR	0.84	22.4	C	EB	LTR	1.59	138.6	F *	EB	LTR	0.84	30.6	C	EB	LTR	0.94	40.0	D	EB	LTR	1.15	82.1	F	EB	LTR	1.41	198.7	F *	EB	LTR	0.87	31.0	C	EB	LTR	1.27	153.3	F *
43rd Street &	WB	L	0.65	6.8	A	WB	L	0.74	8.4	A	WB	L	1.03	86.0	F	WB	L	1.13	115.3	F *	WB	L	1.14	126.8	F	WB	L	1.14	117.4	F	WB	L	1.26	154.4	F	WB	L	1.48	241.4	F *
42nd Place (NB)	WB	TR	1.09	50.7	D	WB	TR	1.14	71.2	E *	WB	TR	0.58	11.2	B	WB	TR	0.60	11.3	B	WB	TR	1.09	74.1	E	WB	TR	1.19	110.5	F *	WB	TR	0.91	20.1	C	WB	TR	0.98	24.5	C
	NB	LTR	0.88	67.6	E	NB	LTR	0.93	76.0	E *	NB	LTR	0.98	89.3	F	NB	LTR	1.00	95.3	F *	NB	LTR	1.03	99.7	F	NB	LTR	1.09	118.0	F *	NB	LTR	1.13	134.6	F	NB	LTR	1.18	151.6	F *
Northern Boulevard (EB-WB) &	EB	L	0.22	16.0	B	EB	L	0.22	11.0	B	EB	L	0.16	4.1	A	EB	L	0.17	3.9	A	EB	L	0.08	1.7	A	EB	L	0.10	1.9	A	EB	L	0.21	4.7	A	EB	L	0.26	3.6	A
44th Street (SB) &	EB	TR	0.47	8.9	A	EB	TR	0.49	12.4	B	EB	TR	0.64	5.0	A	EB	TR	0.65	4.6	A	EB	TR	1.01	13.4	B	EB	TR	1.02	18.5	B	EB	TR	0.66	4.7	A	EB	TR	0.67	4.0	A
35th Avenue	WB	TR	1.13	63.2	E	WB	TR	1.16	78.4	E *	WB	TR	0.69	16.8	B	WB	TR	0.73	17.3	B	WB	TR	0.69	20.7	C	WB	TR	0.77	22.7	C	WB	TR	0.79	19.5	B	WB	TR	0.86	21.4	C
	SB	LTR	0.83	72.4	E	SB	LTR	0.92	88.6	F *	SB	LTR	1.00	107.4	F	SB	LTR	1.21	180.2	F *	SB	LTR	1.27	202.0	F	SB	LTR	1.49	292.9	F *	SB	LTR	1.54	316.2	F	SB	LTR	1.80	431.3	F *
Northern Boulevard (EB-WB) &	EB	T	0.44	15.4	B	EB	T	0.47	16.8	B	EB	T	0.64	6.3	A	EB	T	0.65	6.2	A	EB	T	0.94	10.4	B	EB	T	0.95	11.7	B	EB	T	0.66	6.1	A	EB	T	0.67	5.8	A
46th Street (SB)	WB	T	1.13	61.8	E	WB	T	1.16	75.7	E *	WB	T	0.61	4.0	A	WB	T	0.63	4.0	A	WB	T	0.63	10.6	B	WB	T	0.68	10.7	B	WB	T	0.76	3.6	A	WB	T	0.80	3.9	A
	SB	LR	0.86	69.7	E	SB	LR	0.88	73.1	E	SB	LR	0.69	55.4	E	SB	LR	0.73	58.2	E	SB	LR	0.55	45.3	D	SB	LR	0.64	49.4	D	SB	LR	0.63	50.1	D	SB	LR	0.73	56.0	E *
Northern Boulevard (EB-WB) &	EB	TR	0.78	15.3	B	EB	TR	0.82	19.7	B	EB	TR	1.06	57.2	E	EB	TR	1.10	72.4	E *	EB	TR	1.20	99.5	F	EB	TR	1.24	117.4	F *	EB	TR	1.19	108.0	F	EB	TR	1.22	122.6	F *
48th Street (NB) &	WB	L	0.86	23.4	C	WB	L	0.91	30.1	C	WB	L	1.18	162.3	F	WB	L	1.21	174.7	F *	WB	L	1.13	137.2	F	WB	L	1.13	133.8	F	WB	L	1.10	97.0	F	WB	L	1.10	97.1	F
34th Avenue	WB	TR	1.10	50.8	D	WB	TR	1.13	63.5	E *	WB	TR	1.16	83.4	F	WB	TR	1.23	113.6	F *	WB	TR	1.16	89.9	F	WB	TR	1.25	128.9	F *	WB	TR	1.18	86.6	F	WB	TR	1.23	110.1	F *
	NB	L	1.32	216.3	F	NB	L	1.35	230.5	F *	NB	L	1.62	351.7	F	NB	L	1.71	392.0	F *	NB	L	1.48	289.4	F	NB	L	1.53	312.5	F *	NB	L	1.62	350.6	F	NB	L	1.67	371.6	F *
	NB	TR	0.48	45.4	D	NB	TR	0.48	45.4	D	NB	TR	0.91	83.5	F	NB	TR	0.91	83.5	F	NB	TR	1.09	128.6	F	NB	TR	1.09	128.6	F	NB	TR	1.05	113.6	F	NB	TR	1.05	113.6	F
Northern Boulevard (EB-WB) &	EB	L	1.02	123.5	F	EB	L	1.02	123.1	F	EB	L	0.71	36.5	D	EB	L	0.72	36.9	D	EB	L	1.24	148.2	F	EB	L	1.29	171.6	F *	EB	L	0.83	44.0	D	EB	L	0.85	46.4	D
51st Street (SB) &	EB	TR	0.72	35.5	D	EB	TR	0.74	36.4	D	EB	TR	0.91	45.3	D	EB	TR	0.92	45.8	D	EB	TR	1.14	71.6	E	EB	TR	1.15	76.6	E *	EB	TR	0.88	38.3	D	EB	TR	0.90	39.0	D
Woodside Avenue (NB)	WB	L	0.30	16.6	B	WB	L	0.31	17.1	B	WB	L	0.32	20.5	C	WB	L	0.32	20.8	C	WB	L	0.34	32.2	C	WB	L	0.34	32.2	C	WB	L	0.30	20.1	C	WB	L	0.31	20.7	C
	WB	TR	1.11	88.6	F	WB	TR	1.12	93.1	F *	WB	TR	0.65	23.3	C	WB	TR	0.66	23.5	C	WB	TR	0.69	29.4	C	WB	TR	0.71	30.1	C	WB	TR	0.72	25.1	C	WB	TR	0.73	25.6	C
	NB	LTR	1.11	127.7	F	NB	LTR	1.11	127.7	F	NB	LTR	1.11	125.1	F	NB	LTR	1.11	125.1	F	NB	LTR	1.11	119.6	F	NB	LTR	1.11	119.6	F	NB	LTR	1.12	129.3	F	NB	LTR	1.12	129.3	F
	SB	LT	0.45	37.7	D	SB	LT	0.45	37.7	D	SB	LT	0.37	35.6	D	SB	LT	0.37	35.6	D	SB	LT	0.45	32.2	C	SB	LT	0.45	32.2	C	SB	LT	0.49	38.2	D	SB	LT	0.49	38.2	D
	SB	R	1.12	121.8	F	SB	R	1.19	150.5	F *	SB	R	0.81	58.4	E	SB	R	0.86	63.9	E *	SB	R	0.67	41.3	D	SB	R	0.81	51.6	D *	SB	R	1.15	137.6	F	SB	R	1.29	192.1	F *
Skillman Avenue (WB) &	WB	LT	0.54	15.1	B	WB	LT	0.54	15.1	B	WB	LT	0.27	12.1	B	WB	LT	0.27	12.1	B	WB	LT	0.31	12.4	B	WB	LT	0.31	12.4	B	WB	LT	0.31	12.5	B	WB	LT	0.31	12.5	B
39th Street (NB-SB)	WB	R	0.33	13.8	B	WB	R	0.38	14.7	B	WB	R	0.30	13.2	B	WB	R	0.38	14.5	B	WB	R	0.28	13.1	B	WB	R	0.34	13.9	B	WB	R	0.33	13.6	B	WB	R	0.36	14.1	B
	NB	LT	0.75	20.3	C	NB	LT	0.87	29.3	C	NB	LT	0.85	36.6	D	NB	LT	1.01	64.9	E *	NB	LT	1.00	53.9	D	NB	LT	1.27	152.4	F *	NB	LT	0.75	28.4	C	NB	LT	0.87	34.3	C
	SB	T	0.71	16.6	B	SB	T	0.80	16.2	B	SB	T	0.80	29.2	C	SB	T	0.89	34.9	C	SB	T	0.82	14.7	B	SB	T	0.89	14.6	B	SB	T	0.72	28.4	C	SB	T	0.78	32.8	C
	SB	R	0.82	20.3	C	SB	R	0.90	20.0	C	SB	R	0.38	16.7	B	SB	R	0.41	18.0	B	SB	R	0.33	8.1	A	SB	R	0.38	7.7	A	SB	R	0.23	16.8	B	SB	R	0.28	18.1	B
43rd Avenue (EB) &	EB	LT	0.23	11.8	B	EB	LT	0.25	12.0	B	EB	LT	0.26	12.0	B	EB	LT	0.28	12.2	B	EB	LT	0.41	13.4	B	EB	LT	0.46	14.0	B	EB	LT	0.12	10.9	B	EB	LT	0.15	11.2	B
39th Street (NB-SB)	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B	EB	R	0.06	10.7	B	EB	R	0.06	10.7	B	EB	R	0.13	11.4	B	EB	R	0.13	11.4	B
	NB	TR	0.66	20.0	C	NB	TR	0.69	21.2	C	NB	TR	0.68	21.0	C	NB	TR	0.70	21.8	C	NB	TR	0.68	20.6	C	NB	TR	0.73	22.9	C	NB	TR	0.84	29.2	C	NB	TR	0.88	33.5	C
	SB	LT	1.32	175.0	F	SB	LT	1.60	293.8	F *	SB	LT	1.56	273.9	F	SB	LT	1.80	378.3	F *	SB	LT	1.51	262.5	F	SB	LT	1.77	377.9	F *	SB	LT	1.60	297.7	F	SB	LT	1.95	448.6	F *

Intersections	No-Action AM Peak Hour					With-Action AM Peak Hour					No-Action Midday Peak Hour					With-Action Midday Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Greenpoint Avenue (EB-WB) &	EB	LTR	0.29	32.7	C	EB	LTR	0.35	36.4	D	EB	LTR	0.50	34.7	C	EB	LTR	0.53	36.0	D
39th Street (NB-SB)	WB	LT	0.36	15.9	B	WB	LT	0.38	16.3	B	WB	LT	0.21	13.9	B	WB	LT	0.22	14.0	B
	WB	R	0.06	12.4	B	WB	R	0.06	12.4	B	WB	R	0.03	12.0	B	WB	R	0.03	12.0	B
	NB	LTR	0.33	29.7	C	NB	LTR	0.33	29.7	C	NB	LTR	0.25	28.2	C	NB	LTR	0.25	28.2	C
	SB	LTR	0.66	40.2	D	SB	LTR	0.77	46.7	D *	SB	LTR	0.61	37.5	D	SB	LTR	0.64	38.7	D
Greenpoint Avenue (EB-WB) &	EB	TR	0.35	8.2	A	EB	TR	0.39	10.3	B	EB	TR	0.52	19.7	B	EB	TR	0.54	20.9	C
38th Street (SB)	WB	LT	0.63	27.4	C	WB	LT	0.71	27.9	C	WB	LT	0.45	18.7	B	WB	LT	0.47	19.1	B
	SB	LTR	0.61	37.9	D	SB	LTR	0.70	41.9	D	SB	LTR	0.50	34.2	C	SB	LTR	0.54	35.4	D
Greenpoint Avenue (EB-WB) &	EB	LT	0.33	5.4	A	EB	LT	0.38	7.2	A	EB	LT	0.33	18.1	B	EB	LT	0.34	18.1	B
Hunters Point Avenue (NW-SE)	WB	TR	0.84	33.6	C	WB	TR	0.98	50.6	D *	WB	TR	0.71	25.8	C	WB	TR	0.75	28.0	C
	SE	LTR	1.02	90.9	F	SE	LTR	1.09	113.8	F *	SE	LTR	1.18	137.3	F	SE	LTR	1.22	156.4	F *
	NW	LTR	1.10	94.8	F	NW	LTR	1.15	112.6	F *	NW	LTR	1.12	104.5	F	NW	LTR	1.16	118.8	F *
Greenpoint Avenue (NE-SW) &	WB	LTR	0.95	30.3	C	WB	LTR	0.95	30.3	C	WB	LTR	0.78	25.8	C	WB	LTR	0.78	25.8	C
Queens Midtown Expressway (WB)	NE	LT	0.34	16.6	B	NE	LT	0.34	16.6	B	NE	LT	0.25	5.4	A	NE	LT	0.25	5.4	A
	SW	TR	0.71	27.1	C	SW	TR	0.78	28.4	C	SW	TR	0.63	21.5	C	SW	TR	0.66	21.9	C
Greenpoint Avenue (NE-SW) &	EB	LTR	1.05	78.1	E	EB	LTR	1.05	78.1	E	EB	LTR	0.93	44.7	D	EB	LTR	0.93	44.7	D
Borden Avenue (EB)	NE	T	0.40	36.6	D	NE	T	0.40	36.6	D	NE	T	0.42	32.0	C	NE	T	0.42	32.0	C
	NE	R	1.10	114.6	F	NE	R	1.10	114.6	F	NE	R	1.10	104.5	F	NE	R	1.10	104.5	F
	SW	L	1.12	107.0	F	SW	L	1.23	150.7	F *	SW	L	1.11	89.6	F	SW	L	1.15	103.6	F *
	SW	T	0.86	24.0	C	SW	T	0.86	22.9	C	SW	T	0.63	10.8	B	SW	T	0.63	10.6	B
Unsignalized																				
36th Avenue (EB-WB) &	EB	LR	-	7.3	A	EB	LR	-	7.7	A	EB	LR	-	8.3	A	EB	LR	-	9.0	A
41st Street (NB)	WB	LTR	-	8.7	A	WB	LTR	-	9.4	A	WB	LTR	-	8.9	A	WB	LTR	-	9.8	A
(All-Way Stop Controlled)	NB	LT	-	7.9	A	NB	LT	-	8.3	A	NB	LT	-	8.2	A	NB	LT	-	8.9	A
Northern Boulevard (EB-WB) &	EB	L	0.02	15.4	C	EB	L	0.03	18.3	C	EB	L	0.02	11.8	B	EB	L	0.03	13.0	B
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.00	0.0	A	WB	L	0.01	9.4	A	WB	L	0.01	9.5	A
	NB	LTR	0.01	9.0	A	NB	LTR	0.01	9.0	A	NB	LTR	0.04	10.5	B	NB	LTR	0.04	10.5	B
Northern Boulevard (EB-WB) &	EB	L	0.21	0.0	A	EB	L	0.22	0.0	A	EB	L	0.02	0.7	A	EB	L	0.02	0.8	A
Newtown Road (SB)	SB	R	0.03	13.0	B	SB	R	0.03	13.0	B	SB	R	0.05	10.2	B	SB	R	0.05	10.3	B
Hunters Point Avenue (WB) &	SB	R	0.04	14.2	B	SB	R	0.04	14.5	B	SB	R	0.02	12.1	B	SB	R	0.02	12.3	B
38th Street (SB)																				
Queens Midtown Expressway (WB) &	SB	R	0.08	14.4	B	SB	R	0.08	14.8	B	SB	R	0.05	12.2	B	SB	R	0.05	12.4	B
39th Street (SB)																				

Intersections	No-Action PM Peak Hour					With-Action PM Peak Hour					No-Action SAT Peak Hour					With-Action SAT Peak Hour				
	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS	Approach	Lane Group	V/C Ratio	Delay (sec/veh)	LOS
Greenpoint Avenue (EB-WB) &	EB	LTR	0.59	27.9	C	EB	LTR	0.67	31.1	C	EB	LTR	0.58	36.9	D	EB	LTR	0.66	40.1	D
39th Street (NB-SB)	WB	LT	0.18	13.5	B	WB	LT	0.20	13.7	B	WB	LT	0.24	14.1	B	WB	LT	0.25	14.3	B
	WB	R	0.06	12.3	B	WB	R	0.06	12.3	B	WB	R	0.01	11.8	B	WB	R	0.01	11.8	B
	NB	LTR	0.18	27.2	C	NB	LTR	0.18	27.2	C	NB	LTR	0.16	26.8	C	NB	LTR	0.16	26.8	C
	SB	LTR	0.70	41.2	D	SB	LTR	0.75	44.4	D	SB	LTR	0.69	40.6	D	SB	LTR	0.75	44.4	D
Greenpoint Avenue (EB-WB) &	EB	TR	0.65	36.6	D	EB	TR	0.72	39.8	D	EB	TR	0.58	19.6	B	EB	TR	0.63	21.7	C
38th Street (SB)	WB	LT	0.32	17.6	B	WB	LT	0.37	18.9	B	WB	LT	0.47	19.1	B	WB	LT	0.52	19.5	B
	SB	LTR	0.56	35.7	D	SB	LTR	0.60	37.2	D	SB	LTR	0.43	32.0	C	SB	LTR	0.48	33.4	C
Greenpoint Avenue (EB-WB) &	EB	LT	0.32	8.0	A	EB	LT	0.32	8.1	A	EB	LT	0.55	22.9	C	EB	LT	0.60	24.9	C
Hunters Point Avenue (NW-SE)	WB	TR	0.53	18.9	B	WB	TR	0.60	19.9	B	WB	TR	0.64	22.2	C	WB	TR	0.72	25.8	C
	SE	LTR	0.88	55.1	E	SE	LTR	0.98	76.8	E *	SE	LTR	0.91	57.9	E	SE	LTR	0.97	71.5	E *
	NW	LTR	0.99	59.5	E	NW	LTR	1.06	82.2	F *	NW	LTR	1.13	109.0	F	NW	LTR	1.19	133.8	F *
Greenpoint Avenue (NE-SW) &	WB	LTR	0.67	24.9	C	WB	LTR	0.67	24.9	C	WB	LTR	0.77	25.3	C	WB	LTR	0.77	25.3	C
Queens Midtown Expressway (WB)	NE	LT	0.34	7.8	A	NE	LT	0.34	7.8	A	NE	LT	0.31	5.1	A	NE	LT	0.31	5.1	A
	SW	TR	0.53	21.1	C	SW	TR	0.57	21.5	C	SW	TR	0.60	20.7	C	SW	TR	0.64	21.4	C
Greenpoint Avenue (NE-SW) &	EB	LTR	0.98	55.5	E	EB	LTR	0.98	55.5	E	EB	LTR	1.04	67.4	E	EB	LTR	1.04	67.4	E
Borden Avenue (EB)	NE	T	0.67	53.4	D	NE	T	0.67	53.4	D	NE	T	0.55	34.9	C	NE	T	0.55	34.9	C
	NE	R	1.10	123.3	F	NE	R	1.10	123.3	F	NE	R	1.10	109.9	F	NE	R	1.10	109.9	F
	SW	L	1.04	82.3	F	SW	L	1.11	105.8	F *	SW	L	1.09	83.8	F	SW	L	1.17	111.3	F *
	SW	T	0.72	23.8	C	SW	T	0.72	23.1	C	SW	T	0.47	9.0	A	SW	T	0.47	8.7	A
Unsignalized																				
36th Avenue (EB-WB) &	EB	LR	-	8.8	A	EB	LR	-	11.1	B	EB	LR	-	7.7	A	EB	LR	-	9.7	A
41st Street (NB)	WB	LTR	-	9.8	A	WB	LTR	-	12.9	B	WB	LTR	-	9.3	A	WB	LTR	-	12.2	B
(All-Way Stop Controlled)	NB	LT	-	8.9	A	NB	LT	-	10.6	B	NB	LT	-	8.2	A	NB	LT	-	9.8	A
Northern Boulevard (EB-WB) &	EB	L	0.05	13.1	B	EB	L	0.05	14.9	B	EB	L	0.02	11.9	B	EB	L	0.02	13.4	B
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.01	11.7	B	WB	L	0.01	11.7	B	WB	L	0.01	9.8	A	WB	L	0.01	9.9	A
	NB	LTR	0.05	11.6	B	NB	LTR	0.05	11.7	B	NB	LTR	0.01	9.2	A	NB	LTR	0.01	9.2	A
Northern Boulevard (EB-WB) &	EB	L	0.01	0.3	A	EB	L	0.01	0.4	A	EB	L	0.02	0.7	A	EB	L	0.02	0.8	A
Newtown Road (SB)	SB	R	0.03	10.6	B	SB	R	0.03	10.7	B	SB	R	0.05	11.6	B	SB	R	0.05	11.8	B
Hunters Point Avenue (WB) &	SB	R	0.04	12.9	B	SB	R	0.05	13.4	B	SB	R	0.05	13.4	B	SB	R	0.05	13.8	B
38th Street (SB)																				
Queens Midtown Expressway (WB) &	SB	R	0.08	12.8	B	SB	R	0.09	13.3	B	SB	R	0.03	13.4	B	SB	R	0.03	13.8	B
39th Street (SB)																				

* Denotes congested lane group.