APPENDIX G
MITIGATION

TABLE G-1

WITH-ACTION WITH MITIGATION INTERSECTION LEVEL OF SERVICE ANALYSIS (AM PEAK HOUR)

	No-Action AM Peak Hour					With-Action AM Peak Hour						Mitigation AM 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	
Signalized																	
Broadway (EB-WB) &	EB	LT	0.45	11.0	B	EB	LT	0.46	11.2	B		EB	LT	0.51	14.1	B	
43rd Street (NB)	WB	TR	0.65	15.0	B	WB	TR	0.66	15.3	B		WB	TR	0.73	20.1	C	
	NB	LTR	1.20	139.1	F	NB	LTR	1.52	264.5	F	*	NB	LTR	1.16	110.3	F	
34th Avenue (EB-WB) &	EB	TR	0.48	11.9	B	EB	TR	0.51	12.5	B		EB	TR	0.51	12.5	B	
38th Street (SB)	WB	LT	0.63	15.1	B	WB	LT	0.65	15.7	B		WB	LT	0.65	15.7	B	
	SB	LTR	0.60	23.3	C	SB	LTR	0.67	26.1	C		SB	LTR	0.67	26.1	C	
34th Avenue (EB-WB) &	EB	LT	0.34	10.1	B	EB	LT	0.38	10.6	B		EB	LT	0.38	10.6	B	
41st Street (NB)	WB	TR	0.56	13.3	B	WB	TR	0.58	13.7	B		WB	TR	0.58	13.7	B	
	NB	LTR	0.38	21.9	C	NB	LTR	0.49	20.8	C		NB	LTR	0.49	20.8	C	
34th Avenue (EB-WB) &	EB	LT	0.33	9.9	A	EB	LT	0.34	10.1	B		EB	LT	0.34	10.1	B	
43rd Street (NB)	WB	TR	0.65	15.4	B	WB	TR	0.67	16.0	B		WB	TR	0.67	16.0	B	
	NB	LTR	0.72	31.1	C	NB	LTR	0.91	47.2	D		NB	LTR	0.91	47.5	D	
35th Avenue (EB-WB) &	EB	LT	0.47	14.2	B	EB	LT	0.50	14.8	B		EB	LT	0.50	14.8	B	
37th Street (NB)	WB	TR	0.65	11.6	B	WB	TR	0.73	11.9	B		WB	TR	0.73	11.8	B	
	NB	LTR	0.55	18.4	B	NB	LTR	0.76	25.3	C		NB	LTR	0.76	25.4	C	
35th Avenue (EB-WB) &	EB	TR	0.46	9.4	A	EB	TR	0.54	10.6	B		EB	TR	0.54	10.6	B	
38th Street (SB)	WB	LT	0.70	24.9	C	WB	LT	0.88	27.2	C		WB	LT	0.88	32.8	C	
	SB	LTR	0.58	24.3	C	SB	LTR	0.67	27.0	C		SB	LTR	0.67	27.0	C	
35th Avenue (EB-WB) &	EB	LTR	0.38	16.8	B	EB	LTR	0.49	18.9	B		EB	LTR	0.49	18.9	B	
Steinway Street (NB-SB)	WB	LTR	0.53	21.9	C	WB	LTR	0.92	45.6	D		WB	LT	0.92	45.6	D	
	NB	LTR	0.54	15.9	B	NB	LTR	0.87	33.7	C		NB	LTR	0.91	40.8	D	
	SB	LTR	0.94	60.6	E	SB	LTR	1.06	93.5	F	*	SB	LT	0.76	41.2	D	
												SB	R	0.47	32.2	C	
												SB	LTR	-	39.1	D	
35th Avenue (EB-WB) &	EB	LT	0.35	14.9	B	EB	LT	0.44	14.8	B		EB	LT	0.44	15.2	B	
41st Street (NB)	WB	TR	0.42	5.8	A	WB	TR	0.49	5.9	A		WB	TR	0.49	5.9	A	
	NB	LTR	0.34	18.2	B	NB	LTR	0.82	39.9	D		NB	LT	0.82	39.9	D	
35th Avenue (EB-WB) &	EB	TR	0.30	7.1	A	EB	TR	0.42	8.6	A		EB	TR	0.42	8.5	A	
42nd Street (SB)	WB	LT	0.39	7.2	A	WB	LT	0.52	9.9	A		WB	LT	0.52	9.9	A	
	SB	LTR	0.44	17.0	B	SB	LTR	0.52	18.9	B		SB	LTR	0.52	18.9	B	
35th Avenue (EB-WB) &	EB	L	0.20	6.8	A	EB	L	0.31	6.9	A		EB	L	0.31	6.7	A	
43rd Street (NE)	WB	TR	0.44	11.3	B	WB	TR	0.45	11.4	B		WB	TR	0.45	11.4	B	
	NE	LT	0.38	8.7	A	NE	LT	0.60	11.9	B		NE	LT	0.60	12.9	B	
36th Avenue (EB-WB) &	EB	LT	0.37	10.5	B	EB	LT	0.43	11.6	B		EB	LT	0.43	11.6	B	
37th Street (NB)	WB	TR	0.61	10.1	B	WB	TR	0.88	23.8	C		WB	TR	0.88	23.8	C	
	NB	LTR	0.37	17.9	B	NB	LTR	0.40	18.4	B		NB	LTR	0.40	18.0	B	
36th Avenue (EB-WB) &	EB	TR	0.31	7.2	A	EB	TR	0.32	7.2	A		EB	TR	0.33	7.9	A	
38th Street (SB)	WB	LT	0.55	9.4	A	WB	LT	0.62	10.6	B		WB	LT	0.64	11.4	B	
	SB	LTR	0.68	27.4	C	SB	LTR	1.04	70.0	E	*	SB	LTR	0.99	54.8	D	
36th Avenue (EB-WB) &	EB	LTR	0.56	37.9	D	EB	LTR	1.02	96.4	F	*	EB	LTR	0.91	66.4	E	*
Steinway Street (NB-SB)	WB	LTR	0.69	47.9	D	WB	LTR	0.85	63.3	E	*	WB	LTR	0.78	52.4	D	
	NB	LTR	0.34	21.5	C	NB	LTR	0.43	24.2	C		NB	LTR	0.44	25.0	C	
	SB	LTR	0.43	2.5	A	SB	LTR	0.56	5.2	A		SB	LTR	0.58	8.0	A	
Northern Boulevard (EB-WB) &	EB	LT	0.34	16.2	B	EB	LT	0.36	16.5	B		EB	LT	0.36	17.2	B	
Queensboro Bridge (SB)	WB	T	0.26	39.7	D	WB	T	0.30	40.2	D		WB	T	0.31	41.4	D	
	WB	R	1.11	70.9	E	WB	R	1.13	82.6	F	*	WB	R	1.11	72.2	E	
	SB	L	0.86	43.2	D	SB	L	0.87	43.9	D		SB	L	0.85	41.7	D	
Northern Boulevard (EB-WB) &	EB	TR	0.73	34.0	C	EB	TR	0.74	34.7	C		EB	TR	0.74	33.7	C	
40th Road (SB) &	WB	L	0.09	8.5	A	WB	L	0.09	8.5	A		WB	L	0.09	8.5	A	
Driveway (NB)	WB	T	0.96	21.2	C	WB	T	1.00	27.9	C		WB	T	1.00	27.9	C	
	NB	LTR	-	-		NB	LTR	-	-			NB	LTR	-	-		
	SB	LTR	0.63	54.2	D	SB	LTR	0.63	54.2	D		SB	LTR	0.63	54.2	D	

Intersections	No-Action AM Peak Hour					With-Action AM Peak Hour						Mitigation AM 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	
Northern Boulevard (EB-WB) &	EB	L	0.63	50.2	D	EB	L	0.63	49.9	D		EB	L	0.63	49.7	D	
40th Avenue &	EB	T	0.79	14.5	B	EB	T	0.81	14.8	B		EB	T	0.81	14.7	B	
31st Street (SB)	WB	T	0.90	8.5	A	WB	T	0.94	9.9	A		WB	T	0.94	9.9	A	
	WB	R	0.04	0.0	A	WB	R	0.04	0.0	A		WB	R	0.04	0.0	A	
	SB	TR	0.39	35.6	D	SB	TR	0.39	35.6	D		SB	TR	0.39	35.6	D	
Northern Boulevard (EB-WB) &	EB	LTR	0.78	11.5	B	EB	LTR	0.81	12.6	B		EB	LTR	0.81	12.5	B	
39th Avenue &	WB	TR	0.94	13.4	B	WB	TR	0.98	17.3	B		WB	TR	0.98	17.3	B	
Honeywell Street (NB)	NB	L	0.47	43.0	D	NB	L	0.47	43.0	D		NB	L	0.47	43.0	D	
	NB	TR	0.97	86.5	F	NB	TR	0.97	86.5	F		NB	TR	0.97	86.5	F	
Northern Boulevard (EB-WB) &	EB	T	0.47	7.8	A	EB	T	0.49	7.9	A		EB	T	0.49	7.9	A	
34th Street (SB)	WB	T	0.83	0.6	A	WB	T	0.87	0.8	A		WB	T	0.87	0.8	A	
	SB	LR	0.33	39.7	D	SB	LR	0.33	39.7	D		SB	LR	0.33	39.7	D	
Northern Boulevard (EB-WB) &	EB	L	1.41	263.8	F	EB	L	1.67	377.8	F	*	EB	L	1.67	377.8	F	*
35th Street &	EB	T	0.44	11.8	B	EB	T	0.46	11.9	B		EB	T	0.46	11.9	B	
38th Avenue (SB)	WB	TR	1.02	20.7	C	WB	TR	1.06	32.5	C		WB	TR	1.06	32.5	C	
	SB	LTR	0.75	57.8	E	SB	LTR	0.75	57.8	E		SB	LTR	0.75	57.8	E	
Northern Boulevard (EB-WB) &	EB	T	0.55	12.7	B	EB	T	0.57	12.9	B		EB	T	0.57	12.9	B	
36th Street (SB)	WB	T	0.97	7.4	A	WB	T	1.00	12.7	B		WB	T	1.00	12.7	B	
	SB	LR	0.23	37.5	D	SB	LR	0.24	37.5	D		SB	LR	0.24	37.5	D	
Northern Boulevard (EB-WB) &	EB	L	1.18	186.4	F	EB	L	1.62	366.8	F	*	EB	L	1.62	366.8	F	*
37th Street (SB) &	EB	TR	0.53	16.4	B	EB	TR	0.54	16.6	B		EB	TR	0.54	16.6	B	
Standard Lane (NB)	WB	LT	0.97	12.3	B	WB	LT	1.00	18.8	B		WB	LT	1.00	20.5	C	
	NB	LTR	-	-		NB	LTR	-	-			NB	LTR	-	-		
	SB	LTR	0.69	54.3	D	SB	LTR	0.71	55.9	E		SB	LTR	0.71	55.9	E	
Northern Boulevard (EB-WB) &	EB	T	0.62	17.7	B	EB	T	0.63	17.4	B		EB	T	0.63	17.4	B	
38th Street (SB)	WB	T	1.03	31.3	C	WB	T	1.05	40.0	D		WB	T	1.05	40.0	D	
	SB	LR	0.84	62.7	E	SB	LR	1.03	89.3	F	*	SB	L	0.58	46.0	D	
												SB	R	0.60	48.0	D	
												SB	LR	-	46.9	D	
Northern Boulevard (EB-WB) &	EB	L	0.95	116.7	F	EB	L	0.98	124.4	F	*	EB	L	0.98	129.3	F	*
39th Street (NB) &	EB	TR	0.81	25.4	C	EB	TR	0.85	27.2	C		EB	TR	0.85	28.2	C	
Steinway Street (SB)	WB	L	1.13	69.8	E	WB	L	1.17	87.0	F	*	WB	L	1.17	87.9	F	*
	WB	TR	1.12	60.3	E	WB	TR	1.12	63.2	E		WB	TR	1.12	64.1	E	
	NB	L	0.87	73.5	E	NB	L	0.87	71.8	E		NB	L	0.87	71.9	E	
	NB	TR	1.07	115.4	F	NB	TR	1.32	212.0	F	*	NB	TR	1.32	212.0	F	*
	SB	LTR	1.27	197.0	F	SB	LTR	1.83	434.3	F	*	SB	LTR	1.83	436.8	F	*
Northern Boulevard (EB-WB) &	EB	L	0.55	27.7	C	EB	L	1.04	99.1	F	*	EB	L	1.06	105.5	F	*
41st Street (SB)	EB	T	0.48	11.0	B	EB	T	0.50	11.1	B		EB	T	0.49	10.8	B	
	WB	TR	1.12	57.8	E	WB	TR	1.13	62.9	E	*	WB	TR	1.11	56.2	E	
	SB	LR	0.25	38.1	D	SB	LR	0.26	38.3	D		SB	LR	0.27	39.2	D	
Northern Boulevard (EB-WB) &	EB	TR	0.54	16.0	B	EB	TR	0.56	15.5	B		EB	TR	0.56	15.9	B	
42nd Street (SB) &	WB	L	0.12	1.6	A	WB	L	0.13	1.6	A		WB	L	0.13	3.6	A	
Driveway (NB)	WB	T	1.13	64.5	E	WB	T	1.15	73.0	E	*	WB	T	1.15	76.0	E	*
	NB	LTR	0.30	39.8	D	NB	LTR	0.31	40.0	D		NB	LTR	0.31	40.0	D	
	SB	LTR	0.81	57.7	E	SB	LTR	1.07	108.7	F	*	SB	LTR	1.07	108.7	F	*
Northern Boulevard (EB-WB) &	EB	LTR	0.85	22.8	C	EB	LTR	1.61	141.1	F	*	EB	LTR	1.61	93.9	F	*
43rd Street &	WB	L	0.65	6.8	A	WB	L	0.74	8.4	A		WB	L	0.67	4.3	A	
42nd Place (NB)	WB	TR	1.09	52.0	D	WB	TR	1.14	72.4	E	*	WB	TR	1.08	41.0	D	
	NB	LTR	0.88	68.0	E	NB	LTR	0.93	76.5	E	*	NB	L	0.39	43.8	D	
												NB	TR	0.76	60.9	E	
												NB	LTR	-	54.8	D	
Northern Boulevard (EB-WB) &	EB	L	0.22	15.9	B	EB	L	0.22	11.0	B		EB	L	0.22	11.9	B	
44th Street (SB) &	EB	TR	0.47	9.1	A	EB	TR	0.49	12.4	B		EB	TR	0.49	13.0	B	
35th Avenue	WB	TR	1.13	65.1	E	WB	TR	1.17	80.8	F	*	WB	TR	1.17	82.2	F	*
	SB	LTR	0.82	71.2	E	SB	LTR	0.93	89.6	F	*	SB	LTR	0.93	89.6	F	*
Northern Boulevard (EB-WB) &	EB	T	0.45	15.6	B	EB	T	0.47	16.8	B		EB	T	0.45	14.4	B	
46th Street (SB)	WB	T	1.13	62.8	E	WB	T	1.16	76.7	E	*	WB	T	1.13	60.7	E	
	SB	LR	0.87	70.6	E	SB	LR	0.89	74.6	E		SB	L	0.32	42.4	D	
												SB	R	0.79	68.6	E	
												SB	LR	-	59.9	E	

Intersections	No-Action AM Peak Hour					With-Action AM Peak Hour						Mitigation AM 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	
Northern Boulevard (EB-WB) &	EB	TR	0.79	15.7	B	EB	TR	0.83	19.9	B		EB	TR	0.83	21.6	C	
48th Street (NB) &	WB	L	0.87	24.3	C	WB	L	0.91	30.5	C		WB	L	0.91	30.5	C	
34th Avenue	WB	TR	1.10	51.8	D	WB	TR	1.13	65.4	E	*	WB	TR	1.13	65.4	E	*
	NB	L	1.32	217.4	F	NB	L	1.35	229.8	F	*	NB	L	1.35	229.8	F	*
	NB	TR	0.48	45.4	D	NB	TR	0.48	45.4	D		NB	TR	0.48	45.4	D	
Northern Boulevard (EB-WB) &	EB	L	0.79	60.1	E	EB	L	0.79	60.2	E		EB	L	0.79	60.2	E	
51st Street (SB) &	EB	TR	0.73	36.5	D	EB	TR	0.75	37.6	D		EB	TR	0.75	37.6	D	
Woodside Avenue (NB)	WB	L	0.26	14.9	B	WB	L	0.27	15.3	B		WB	L	0.27	15.3	B	
	WB	TR	1.13	96.9	F	WB	TR	1.14	101.8	F	*	WB	TR	1.14	101.8	F	*
	NB	LTR	1.20	161.2	F	NB	LTR	1.20	161.2	F		NB	LTR	1.20	161.2	F	
	SB	LT	0.48	39.9	D	SB	LT	0.48	39.9	D		SB	LT	0.48	39.9	D	
	SB	R	1.18	147.3	F	SB	R	1.26	179.6	F	*	SB	R	1.26	179.6	F	*
Skillman Avenue (WB) &	WB	LT	0.54	15.1	B	WB	LT	0.54	15.1	B		WB	LT	0.54	15.1	B	
39th Street (NB-SB)	WB	R	0.35	14.1	B	WB	R	0.42	15.4	B		WB	R	0.42	15.4	B	
	NB	LT	0.75	20.5	C	NB	LT	0.89	31.6	C		NB	LT	0.89	33.6	C	
	SB	T	0.72	16.7	B	SB	T	0.81	16.5	B		SB	T	0.81	16.4	B	
	SB	R	0.82	20.0	B	SB	R	0.90	19.7	B		SB	R	0.90	19.7	B	
43rd Avenue (EB) &	EB	LT	0.23	11.8	B	EB	LT	0.25	12.0	B		EB	LT	0.29	14.3	B	
39th Street (NB-SB)	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B		EB	R	0.08	12.8	B	
	NB	TR	0.66	20.0	C	NB	TR	0.69	21.2	C		NB	TR	0.62	16.5	B	
	SB	LT	1.38	202.4	F	SB	LT	1.65	315.6	F	*	SB	LT	1.39	198.8	F	
Greenpoint Avenue (EB-WB) &	EB	LTR	0.29	33.4	C	EB	LTR	0.35	37.3	D		EB	LTR	0.35	37.3	D	
39th Street (NB-SB)	WB	LT	0.36	15.9	B	WB	LT	0.38	16.3	B		WB	LT	0.38	16.3	B	
	WB	R	0.06	12.4	B	WB	R	0.06	12.4	B		WB	R	0.06	12.4	B	
	NB	LTR	0.33	29.7	C	NB	LTR	0.33	29.7	C		NB	LTR	0.33	29.7	C	
	SB	LTR	0.66	40.2	D	SB	LTR	0.76	46.6	D		SB	LTR	0.76	46.6	D	
Greenpoint Avenue (EB-WB) &	EB	TR	0.35	11.9	B	EB	TR	0.39	14.6	B		EB	TR	0.39	14.6	B	
38th Street (SB)	WB	LT	0.63	27.4	C	WB	LT	0.71	27.9	C		WB	LT	0.71	27.9	C	
	SB	LTR	0.61	37.9	D	SB	LTR	0.70	42.0	D		SB	LTR	0.70	42.0	D	
Greenpoint Avenue (EB-WB) &	EB	LT	0.43	7.7	A	EB	LT	0.52	11.6	B		EB	LT	0.52	11.6	B	
Hunters Point Avenue (NW-SE)	WB	TR	0.95	49.5	D	WB	TR	1.10	90.3	F	*	WB	TR	1.10	90.3	F	*
	SE	LTR	0.72	35.5	D	SE	LTR	0.75	38.0	D		SE	LTR	0.75	38.0	D	
	NW	LTR	0.97	49.3	D	NW	LTR	1.01	58.4	E	*	NW	LTR	1.01	58.4	E	*
Greenpoint Avenue (NE-SW) &	WB	LTR	0.95	30.3	C	WB	LTR	0.95	30.3	C		WB	LTR	0.95	30.3	C	
Queens Midtown Expressway (WB)	NE	LT	0.34	16.6	B	NE	LT	0.34	16.6	B		NE	LT	0.34	16.6	B	
	SW	TR	0.71	28.2	C	SW	TR	0.78	28.6	C		SW	TR	0.78	28.6	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	1.05	78.1	E	EB	LTR	1.05	78.1	E		EB	LTR	1.05	78.1	E	
Borden Avenue (EB)	NE	T	0.40	36.6	D	NE	T	0.40	36.6	D		NE	T	0.40	36.6	D	
	NE	R	1.10	114.6	F	NE	R	1.10	114.6	F		NE	R	1.10	114.6	F	
	SW	L	1.12	107.2	F	SW	L	1.23	150.9	F	*	SW	L	1.23	150.9	F	*
	SW	T	0.86	24.0	C	SW	T	0.86	23.1	C		SW	T	0.86	23.1	C	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	7.4	A	EB	LR	-	7.8	A		EB	LR	-	7.8	A	
41st Street (NB)	WB	LTR	-	8.8	A	WB	LTR	-	9.5	A		WB	LTR	-	9.5	A	
(All-Way Stop Controlled)	NB	LT	-	7.9	A	NB	LT	-	8.3	A		NB	LT	-	8.3	A	
Northern Boulevard (EB-WB) &	EB	L	0.02	15.6	C	EB	L	0.03	18.6	C		EB	L	0.03	18.6	C	
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.00	0.0	A		WB	L	0.00	0.0	A	
	NB	LTR	0.01	9.0	A	NB	LTR	0.01	9.0	A		NB	LTR	0.01	9.0	A	
Northern Boulevard (EB-WB) &	EB	L	0.21	0.0	A	EB	L	0.22	0.0	A		EB	L	0.22	0.0	A	
Newtown Road (SB)	SB	R	0.03	12.9	B	SB	R	0.03	12.9	B		SB	R	0.03	12.9	B	
Hunters Point Avenue (WB) &	SB	R	0.04	14.2	B	SB	R	0.04	14.5	B		SB	R	0.04	14.5	B	
38th Street (SB)																	
Queens Midtown Expressway (WB) &	SB	R	0.08	14.4	B	SB	R	0.08	14.8	B		SB	R	0.08	14.8	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline

TABLE G-2

WITH-ACTION WITH MITIGATION INTERSECTION LEVEL OF SERVICE ANALYSIS (MIDDAY PEAK HOUR)

	No-Action Midday Peak Hour					With-Action Midday Peak Hour					Mitigation Midday 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
Signalized															
Broadway (EB-WB) &	EB	LT	0.64	16.8	B	EB	LT	0.66	17.3	B	EB	LT	0.71	20.7	C
43rd Street (NB)	WB	TR	0.63	16.4	B	WB	TR	0.64	16.7	B	WB	TR	0.69	19.9	B
	NB	LTR	1.27	173.4	F	NB	LTR	1.36	211.2	F *	NB	LTR	1.18	132.4	F
34th Avenue (EB-WB) &	EB	TR	0.53	12.9	B	EB	TR	0.56	13.5	B	EB	TR	0.56	13.5	B
38th Street (SB)	WB	LT	0.66	15.8	B	WB	LT	0.68	16.5	B	WB	LT	0.68	16.5	B
	SB	LTR	0.65	25.4	C	SB	LTR	0.74	29.8	C	SB	LTR	0.74	29.8	C
34th Avenue (EB-WB) &	EB	LT	0.52	13.0	B	EB	LT	0.54	13.4	B	EB	LT	0.54	13.4	B
41st Street (NB)	WB	TR	0.57	13.6	B	WB	TR	0.59	14.0	B	WB	TR	0.59	14.0	B
	NB	LTR	0.40	18.4	B	NB	LTR	0.52	17.2	B	NB	LTR	0.52	17.2	B
34th Avenue (EB-WB) &	EB	LT	0.53	13.3	B	EB	LT	0.52	13.3	B	EB	LT	0.52	13.3	B
43rd Street (NB)	WB	TR	0.64	15.3	B	WB	TR	0.65	15.5	B	WB	TR	0.65	15.5	B
	NB	LTR	0.73	36.7	D	NB	LTR	0.81	37.8	D	NB	LTR	0.81	37.9	D
35th Avenue (EB-WB) &	EB	LT	0.47	13.6	B	EB	LT	0.48	13.7	B	EB	LT	0.48	13.7	B
37th Street (NB)	WB	TR	0.52	9.7	A	WB	TR	0.55	10.0	A	WB	TR	0.55	10.0	A
	NB	LTR	0.52	24.3	C	NB	LTR	0.55	25.1	C	NB	LTR	0.55	25.1	C
35th Avenue (EB-WB) &	EB	TR	0.55	9.7	A	EB	TR	0.53	9.2	A	EB	TR	0.53	9.2	A
38th Street (SB)	WB	LT	0.60	17.0	B	WB	LT	0.70	21.2	C	WB	LT	0.70	21.2	C
	SB	LTR	0.64	23.7	C	SB	LTR	0.76	28.6	C	SB	LTR	0.76	28.6	C
35th Avenue (EB-WB) &	EB	LTR	1.30	190.9	F	EB	LTR	1.38	226.5	F *	EB	LTR	1.38	226.5	F *
Steinway Street (NB-SB)	WB	LTR	0.69	37.6	D	WB	LTR	1.14	126.3	F *	WB	LTR	1.14	126.3	F *
	NB	LTR	0.53	15.2	B	NB	LTR	0.65	18.6	B	NB	LTR	0.64	18.3	B
	SB	LTR	0.46	13.6	B	SB	LTR	0.51	14.8	B	SB	LT	0.43	13.3	B
											SB	R	0.14	9.9	A
											SB	LTR	-	12.8	B
35th Avenue (EB-WB) &	EB	LT	0.37	10.2	B	EB	LT	0.42	11.0	B	EB	LT	0.42	11.0	B
41st Street (NB)	WB	TR	0.32	5.5	A	WB	TR	0.34	5.0	A	WB	TR	0.34	5.1	A
	NB	LTR	0.42	19.5	B	NB	LTR	0.89	49.5	D	NB	LTR	0.89	49.5	D
35th Avenue (EB-WB) &	EB	TR	0.47	8.9	A	EB	TR	0.64	12.9	B	EB	TR	0.64	12.9	B
42nd Street (SB)	WB	LT	0.30	5.4	A	WB	LT	0.37	5.6	A	WB	LT	0.37	5.6	A
	SB	LTR	0.44	17.2	B	SB	LTR	0.51	19.0	B	SB	LTR	0.51	19.0	B
35th Avenue (EB-WB) &	EB	L	0.37	8.0	A	EB	L	0.44	9.9	A	EB	L	0.44	9.9	A
43rd Street (NE)	WB	TR	0.34	11.7	B	WB	TR	0.37	11.8	B	WB	TR	0.37	11.7	B
	NE	LT	0.34	12.2	B	NE	LT	0.70	27.5	C	NE	LT	0.70	30.6	C
36th Avenue (EB-WB) &	EB	LT	0.51	12.4	B	EB	LT	0.52	12.8	B	EB	LT	0.52	12.8	B
37th Street (NB)	WB	TR	0.46	6.4	A	WB	TR	0.59	8.7	A	WB	TR	0.59	8.7	A
	NB	LTR	0.34	17.0	B	NB	LTR	0.37	17.3	B	NB	LTR	0.37	17.6	B
36th Avenue (EB-WB) &	EB	TR	0.42	6.0	A	EB	TR	0.44	6.1	A	EB	TR	0.43	6.0	A
38th Street (SB)	WB	LT	0.43	7.9	A	WB	LT	0.47	8.6	A	WB	LT	0.47	8.5	A
	SB	LTR	0.58	25.2	C	SB	LTR	0.83	35.0	C	SB	LTR	0.83	35.0	C
36th Avenue (EB-WB) &	EB	LTR	0.94	70.2	E	EB	LTR	1.27	180.3	F *	EB	LTR	1.27	180.4	F *
Steinway Street (NB-SB)	WB	LTR	0.57	42.4	D	WB	LTR	0.60	44.0	D	WB	LTR	0.60	44.0	D
	NB	LTR	0.40	2.7	A	NB	LTR	0.46	2.9	A	NB	LTR	0.46	2.8	A
	SB	LTR	0.39	12.6	B	SB	LTR	0.48	14.3	B	SB	LTR	0.48	14.3	B
Northern Boulevard (EB-WB) &	EB	LT	0.44	17.9	B	EB	LT	0.45	18.1	B	EB	LT	0.46	18.8	B
Queensboro Bridge (SB)	WB	T	0.37	26.2	C	WB	T	0.39	26.0	C	WB	T	0.40	26.1	C
	WB	R	1.05	82.9	F	WB	R	1.08	91.1	F *	WB	R	1.05	82.5	F
	SB	L	0.78	38.5	D	SB	L	0.79	39.2	D	SB	L	0.77	37.7	D
Northern Boulevard (EB-WB) &	EB	TR	0.67	24.3	C	EB	TR	0.68	25.2	C	EB	TR	0.68	25.2	C
40th Road (SB) &	WB	L	0.03	7.2	A	WB	L	0.03	6.9	A	WB	L	0.03	6.9	A
Driveway (NB)	WB	T	0.71	15.6	B	WB	T	0.73	15.7	B	WB	T	0.73	15.7	B
	NB	LTR	0.02	37.1	D	NB	LTR	0.02	37.1	D	NB	LTR	0.02	37.1	D
	SB	LTR	0.67	56.7	E	SB	LTR	0.67	56.7	E	SB	LTR	0.67	56.7	E
Northern Boulevard (EB-WB) &	EB	L	0.74	46.6	D	EB	L	0.74	46.6	D	EB	L	0.74	46.6	D
40th Avenue &	EB	T	0.77	24.9	C	EB	T	0.80	25.1	C	EB	T	0.80	25.2	C
31st Street (SB)	WB	T	0.61	7.6	A	WB	T	0.63	7.6	A	WB	T	0.63	7.6	A
	WB	R	0.19	0.3	A	WB	R	0.19	0.3	A	WB	R	0.19	0.3	A
	SB	TR	0.42	36.1	D	SB	TR	0.42	36.1	D	SB	TR	0.42	36.1	D

	No-Action Midday Peak Hour					With-Action Midday Peak Hour					Mitigation Midday 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
Northern Boulevard (EB-WB) &	EB	LTR	0.64	11.0	B	EB	LTR	0.66	11.9	B	EB	LTR	0.66	11.9	B
39th Avenue &	WB	TR	0.58	12.2	B	WB	TR	0.60	12.2	B	WB	TR	0.60	12.2	B
Honeywell Street (NB)	NB	L	0.67	53.3	D	NB	L	0.67	53.3	D	NB	L	0.67	53.3	D
	NB	TR	1.13	138.0	F	NB	TR	1.13	136.8	F	NB	TR	1.13	136.8	F
Northern Boulevard (EB-WB) &	EB	T	0.46	11.7	B	EB	T	0.48	12.0	B	EB	T	0.48	12.0	B
34th Street (SB)	WB	T	0.51	12.6	B	WB	T	0.53	12.8	B	WB	T	0.53	12.8	B
	SB	LR	0.56	48.4	D	SB	LR	0.56	48.4	D	SB	LR	0.56	48.4	D
Northern Boulevard (EB-WB) &	EB	L	0.35	6.9	A	EB	L	0.36	7.6	A	EB	L	0.36	7.6	A
35th Street &	EB	T	0.46	2.1	A	EB	T	0.47	2.1	A	EB	T	0.47	2.1	A
38th Avenue (SB)	WB	TR	0.62	10.1	B	WB	TR	0.64	9.9	A	WB	TR	0.64	9.9	A
	SB	LTR	1.11	135.7	F	SB	LTR	1.11	135.7	F	SB	LTR	1.11	135.7	F
Northern Boulevard (EB-WB) &	EB	T	0.56	11.7	B	EB	T	0.57	11.6	B	EB	T	0.57	11.6	B
36th Street (SB)	WB	T	0.54	8.1	A	WB	T	0.56	8.0	A	WB	T	0.56	8.0	A
	SB	LR	0.25	39.4	D	SB	LR	0.25	39.3	D	SB	LR	0.25	39.3	D
Northern Boulevard (EB-WB) &	EB	L	0.34	5.3	A	EB	L	0.41	6.7	A	EB	L	0.41	6.7	A
37th Street (SB) &	EB	TR	0.62	3.3	A	EB	TR	0.63	3.3	A	EB	TR	0.63	3.3	A
Standard Lane (NB)	WB	LT	0.56	6.8	A	WB	LT	0.58	6.9	A	WB	LT	0.58	7.3	A
	NB	LTR	0.02	31.9	C	NB	LTR	0.02	31.9	C	NB	LTR	0.02	31.9	C
	SB	LTR	0.72	52.7	D	SB	LTR	0.72	53.1	D	SB	LTR	0.72	53.1	D
Northern Boulevard (EB-WB) &	EB	T	0.63	7.1	A	EB	T	0.64	7.0	A	EB	T	0.64	7.0	A
38th Street (SB)	WB	T	0.58	4.0	A	WB	T	0.59	4.5	A	WB	T	0.59	4.4	A
	SB	LR	0.69	61.8	E	SB	LR	0.78	66.7	E	SB	L	0.35	52.0	D
											SB	R	0.54	56.9	E
											SB	LR	-	54.9	D
Northern Boulevard (EB-WB) &	EB	L	0.48	19.4	B	EB	L	0.48	20.1	C	EB	L	0.48	20.7	C
39th Street (NB) &	EB	TR	0.96	28.2	C	EB	TR	1.00	36.0	D	EB	TR	1.00	36.8	D
Steinway Street (SB)	WB	L	1.60	321.4	F	WB	L	1.82	415.2	F *	WB	L	1.82	413.7	F *
	WB	TR	1.09	66.9	E	WB	TR	1.10	68.3	E	WB	TR	1.10	66.8	E
	NB	L	0.39	36.7	D	NB	L	0.39	36.2	D	NB	L	0.39	36.5	D
	NB	TR	1.14	127.1	F	NB	TR	1.34	209.6	F *	NB	TR	1.34	210.5	F *
	SB	LTR	1.26	191.0	F	SB	LTR	1.55	313.3	F *	SB	LTR	1.55	313.3	F *
Northern Boulevard (EB-WB) &	EB	L	0.18	7.0	A	EB	L	0.37	7.5	A	EB	L	0.37	7.5	A
41st Street (SB)	EB	T	0.56	7.2	A	EB	T	0.57	7.6	A	EB	T	0.57	7.6	A
	WB	TR	0.57	10.9	B	WB	TR	0.58	11.0	B	WB	TR	0.58	11.1	B
	SB	LR	0.35	40.8	D	SB	LR	0.35	40.8	D	SB	LR	0.35	40.8	D
Northern Boulevard (EB-WB) &	EB	TR	0.57	10.7	B	EB	TR	0.58	10.6	B	EB	TR	0.58	10.7	B
42nd Street (SB) &	WB	L	0.10	17.4	B	WB	L	0.10	17.5	B	WB	L	0.10	15.9	B
Driveway (NB)	WB	T	0.56	25.2	C	WB	T	0.57	25.9	C	WB	T	0.57	23.4	C
	NB	LTR	0.56	55.1	E	NB	LTR	0.56	55.6	E	NB	LTR	0.56	55.4	E
	SB	LTR	1.09	128.6	F	SB	LTR	1.35	225.0	F *	SB	LTR	1.35	222.6	F *
Northern Boulevard (EB-WB) &	EB	LTR	0.84	30.3	C	EB	LTR	0.91	35.7	D	EB	LTR	0.88	28.7	C
43rd Street &	WB	L	1.03	86.3	F	WB	L	1.10	108.1	F *	WB	L	1.01	76.1	E
42nd Place (NB)	WB	TR	0.58	11.2	B	WB	TR	0.60	11.4	B	WB	TR	0.57	9.2	A
	NB	LTR	0.99	92.4	F	NB	LTR	1.01	98.6	F *	NB	L	0.35	43.8	D
											NB	TR	0.87	76.2	E
											NB	LTR	-	65.8	E
Northern Boulevard (EB-WB) &	EB	L	0.16	4.1	A	EB	L	0.17	4.0	A	EB	L	0.17	5.7	A
44th Street (SB) &	EB	TR	0.64	5.0	A	EB	TR	0.65	4.8	A	EB	TR	0.65	7.3	A
35th Avenue	WB	TR	0.69	16.8	B	WB	TR	0.72	17.3	B	WB	TR	0.72	17.4	B
	SB	LTR	0.94	92.7	F	SB	LTR	1.04	121.4	F *	SB	LTR	1.04	121.4	F *
Northern Boulevard (EB-WB) &	EB	T	0.64	6.4	A	EB	T	0.65	6.3	A	EB	T	0.65	6.3	A
46th Street (SB)	WB	T	0.61	3.9	A	WB	T	0.63	4.0	A	WB	T	0.63	4.0	A
	SB	LR	0.69	55.6	E	SB	LR	0.71	57.1	E	SB	L	0.23	39.0	D
											SB	R	0.62	54.9	D
											SB	LR	-	48.9	D
Northern Boulevard (EB-WB) &	EB	TR	1.06	56.2	E	EB	TR	1.09	68.3	E *	EB	TR	1.09	67.9	E *
48th Street (NB) &	WB	L	1.18	162.2	F	WB	L	1.20	171.5	F *	WB	L	1.20	171.6	F *
34th Avenue	WB	TR	1.16	83.4	F	WB	TR	1.20	104.0	F *	WB	TR	1.20	104.1	F *
	NB	L	1.60	343.6	F	NB	L	1.65	365.3	F *	NB	L	1.65	365.3	F *
	NB	TR	0.91	83.5	F	NB	TR	0.91	83.5	F	NB	TR	0.91	83.5	F

Intersections	No-Action Midday Peak Hour					With-Action Midday Peak Hour						Mitigation 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	
Northern Boulevard (EB-WB) &	EB	L	0.63	27.1	C	EB	L	0.63	27.3	C		EB	L	0.65	27.3	C	
51st Street (SB) &	EB	TR	0.93	46.5	D	EB	TR	0.94	47.2	D		EB	TR	0.96	48.9	D	
Woodside Avenue (NB)	WB	L	0.27	18.2	B	WB	L	0.27	18.5	B		WB	L	0.28	19.3	B	
	WB	TR	0.66	24.2	C	WB	TR	0.67	24.4	C		WB	TR	0.68	25.3	C	
	NB	LTR	1.19	158.0	F	NB	LTR	1.19	158.0	F		NB	LTR	1.15	141.3	F	
	SB	LT	0.40	37.6	D	SB	LT	0.40	37.6	D		SB	LT	0.38	36.6	D	
	SB	R	0.86	66.8	E	SB	R	0.92	76.4	E	*	SB	R	0.90	70.6	E	
Skillman Avenue (WB) &	WB	LT	0.27	12.1	B	WB	LT	0.27	12.1	B		WB	LT	0.28	12.8	B	
39th Street (NB-SB)	WB	R	0.27	12.9	B	WB	R	0.33	13.7	B		WB	R	0.34	14.6	B	
	NB	LT	0.84	34.8	C	NB	LT	0.97	54.5	D		NB	LT	0.89	41.9	D	
	SB	T	0.78	28.2	C	SB	T	0.85	32.2	C		SB	T	0.81	29.3	C	
	SB	R	0.38	16.6	B	SB	R	0.42	18.0	B		SB	R	0.41	16.7	B	
43rd Avenue (EB) &	EB	LT	0.26	12.0	B	EB	LT	0.28	12.2	B		EB	LT	0.32	14.5	B	
39th Street (NB-SB)	EB	R	0.07	10.8	B	EB	R	0.07	10.8	B		EB	R	0.08	12.8	B	
	NB	TR	0.69	21.1	C	NB	TR	0.72	22.3	C		NB	TR	0.64	17.2	B	
	SB	LT	1.48	241.2	F	SB	LT	1.71	339.4	F	*	SB	LT	1.43	215.5	F	
Greenpoint Avenue (EB-WB) &	EB	LTR	0.50	34.7	C	EB	LTR	0.54	36.6	D		EB	LTR	0.54	36.6	D	
39th Street (NB-SB)	WB	LT	0.21	13.9	B	WB	LT	0.22	14.0	B		WB	LT	0.22	14.0	B	
	WB	R	0.03	12.0	B	WB	R	0.03	12.0	B		WB	R	0.03	12.0	B	
	NB	LTR	0.25	28.2	C	NB	LTR	0.25	28.2	C		NB	LTR	0.25	28.2	C	
	SB	LTR	0.61	37.5	D	SB	LTR	0.64	38.8	D		SB	LTR	0.64	38.8	D	
Greenpoint Avenue (EB-WB) &	EB	TR	0.52	19.7	B	EB	TR	0.56	21.4	C		EB	TR	0.56	21.7	C	
38th Street (SB)	WB	LT	0.45	18.7	B	WB	LT	0.48	19.1	B		WB	LT	0.48	19.1	B	
	SB	LTR	0.50	34.2	C	SB	LTR	0.55	35.8	D		SB	LTR	0.55	35.8	D	
Greenpoint Avenue (EB-WB) &	EB	LT	0.33	18.1	B	EB	LT	0.34	18.1	B		EB	LT	0.35	19.5	B	
Hunters Point Avenue (NW-SE)	WB	TR	0.71	25.8	C	WB	TR	0.76	28.7	C		WB	TR	0.79	31.4	C	
	SE	LTR	1.18	137.3	F	SE	LTR	1.23	161.5	F	*	SE	LTR	1.12	115.4	F	
	NW	LTR	1.12	104.5	F	NW	LTR	1.17	122.2	F	*	NW	LTR	1.11	98.5	F	
Greenpoint Avenue (NE-SW) &	WB	LTR	0.78	25.8	C	WB	LTR	0.78	25.8	C		WB	LTR	0.78	25.8	C	
Queens Midtown Expressway (WB)	NE	LT	0.25	5.4	A	NE	LT	0.25	5.4	A		NE	LT	0.25	5.4	A	
	SW	TR	0.63	21.5	C	SW	TR	0.66	22.1	C		SW	TR	0.66	22.1	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	0.93	44.7	D	EB	LTR	0.93	44.7	D		EB	LTR	0.93	44.7	D	
Borden Avenue (EB)	NE	T	0.42	32.0	C	NE	T	0.42	32.0	C		NE	T	0.42	32.0	C	
	NE	R	1.10	104.5	F	NE	R	1.10	104.5	F		NE	R	1.10	104.5	F	
	SW	L	1.11	89.6	F	SW	L	1.16	107.4	F	*	SW	L	1.16	107.4	F	*
	SW	T	0.63	10.8	B	SW	T	0.63	10.6	B		SW	T	0.63	10.6	B	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	8.3	A	EB	LR	-	8.9	A		EB	LR	-	8.9	A	
41st Street (NB)	WB	LTR	-	8.9	A	WB	LTR	-	9.6	A		WB	LTR	-	9.6	A	
(All-Way Stop Controlled)	NB	LT	-	8.2	A	NB	LT	-	8.8	A		NB	LT	-	8.8	A	
Northern Boulevard (EB-WB) &	EB	L	0.02	11.8	B	EB	L	0.02	12.6	B		EB	L	0.02	12.6	B	
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.01	9.4	A	WB	L	0.01	9.4	A		WB	L	0.01	9.4	A	
	NB	LTR	0.04	10.5	B	NB	LTR	0.04	10.5	B		NB	LTR	0.04	10.5	B	
Northern Boulevard (EB-WB) &	EB	L	0.02	0.7	A	EB	L	0.02	0.8	A		EB	L	0.02	0.8	A	
Newtown Road (SB)	SB	R	0.05	10.1	B	SB	R	0.05	10.2	B		SB	R	0.05	10.1	B	
Hunters Point Avenue (WB) &	SB	R	0.02	12.1	B	SB	R	0.02	12.3	B		SB	R	0.02	12.3	B	
38th Street (SB)																	
Queens Midtown Expressway (WB) &	SB	R	0.05	12.2	B	SB	R	0.05	12.5	B		SB	R	0.05	12.5	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline

TABLE G-3
WITH-ACTION WITH MITIGATION INTERSECTION LEVEL OF SERVICE ANALYSIS (PM PEAK HOUR)

	No-Action PM Peak Hour					With-Action PM Peak Hour						Mitigation PM 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	
Signalized																	
Broadway (EB-WB) &	EB	LT	0.82	26.1	C	EB	LT	0.83	27.3	C		EB	LT	0.90	36.7	D	
43rd Street (NB)	WB	TR	0.79	23.3	C	WB	TR	0.79	23.5	C		WB	TR	0.85	30.5	C	
	NB	LTR	0.96	56.1	E	NB	LTR	1.10	89.7	F	*	NB	LTR	0.97	49.7	D	
34th Avenue (EB-WB) &	EB	TR	0.71	17.8	B	EB	TR	0.75	19.7	B		EB	TR	0.75	19.7	B	
38th Street (SB)	WB	LT	0.56	13.2	B	WB	LT	0.59	14.0	B		WB	LT	0.59	14.0	B	
	SB	LTR	0.67	25.9	C	SB	LTR	0.78	32.0	C		SB	LTR	0.78	32.0	C	
34th Avenue (EB-WB) &	EB	LT	0.62	15.1	B	EB	LT	0.64	15.8	B		EB	LT	0.64	15.8	B	
41st Street (NB)	WB	TR	0.64	15.3	B	WB	TR	0.67	16.2	B		WB	TR	0.67	16.2	B	
	NB	LTR	0.59	27.0	C	NB	LTR	0.73	24.3	C		NB	LTR	0.73	24.3	C	
34th Avenue (EB-WB) &	EB	LT	0.54	13.1	B	EB	LT	0.54	13.1	B		EB	LT	0.58	15.4	B	
43rd Street (NB)	WB	TR	0.65	15.3	B	WB	TR	0.67	16.0	B		WB	TR	0.72	19.2	B	
	NB	LTR	0.89	47.9	D	NB	LTR	1.03	71.8	E	*	NB	LTR	0.92	45.8	D	
35th Avenue (EB-WB) &	EB	LT	0.53	14.7	B	EB	LT	0.56	15.3	B		EB	LT	0.56	15.3	B	
37th Street (NB)	WB	TR	0.57	10.3	B	WB	TR	0.62	10.6	B		WB	TR	0.62	10.3	B	
	NB	LTR	0.90	40.4	D	NB	LTR	0.78	28.6	C		NB	LTR	0.78	28.3	C	
35th Avenue (EB-WB) &	EB	TR	0.76	16.1	B	EB	TR	0.68	11.8	B		EB	TR	0.71	13.5	B	
38th Street (SB)	WB	LT	0.72	22.3	C	WB	LT	0.76	24.3	C		WB	LT	0.81	28.8	C	
	SB	LTR	0.79	27.6	C	SB	LTR	1.00	57.3	E	*	SB	LTR	0.96	44.9	D	
35th Avenue (EB-WB) &	EB	LTR	1.46	255.8	F	EB	LTR	1.60	318.6	F	*	EB	LTR	1.60	318.6	F	*
Steinway Street (NB-SB)	WB	LTR	0.82	46.3	D	WB	LTR	1.71	364.8	F	*	WB	LTR	1.71	364.8	F	*
	NB	LTR	0.61	17.2	B	NB	LTR	0.71	21.0	C		NB	LTR	0.70	20.6	C	
	SB	LTR	0.54	15.4	B	SB	LTR	0.59	16.8	B		SB	LT	0.48	14.2	B	
												SB	R	0.19	10.8	B	
												SB	LTR	-	13.6	B	
35th Avenue (EB-WB) &	EB	LT	0.50	12.3	B	EB	LT	0.60	14.7	B		EB	LT	0.60	14.7	B	
41st Street (NB)	WB	TR	0.48	9.4	A	WB	TR	0.53	8.6	A		WB	TR	0.53	8.6	A	
	NB	LTR	0.45	20.1	C	NB	LTR	1.21	141.2	F	*	NB	LTR	1.21	141.2	F	*
35th Avenue (EB-WB) &	EB	TR	0.54	9.9	A	EB	TR	0.80	18.0	B		EB	TR	0.80	18.0	B	
42nd Street (SB)	WB	LT	0.33	8.2	A	WB	LT	0.48	10.3	B		WB	LT	0.48	10.1	B	
	SB	LTR	0.67	23.7	C	SB	LTR	0.82	34.8	C		SB	LTR	0.82	34.8	C	
35th Avenue (EB-WB) &	EB	L	0.52	10.1	B	EB	L	0.64	12.6	B		EB	L	0.64	13.2	B	
43rd Street (NE)	WB	TR	0.37	14.3	B	WB	TR	0.44	15.5	B		WB	TR	0.44	15.5	B	
	NE	LT	0.49	15.9	B	NE	LT	0.78	18.3	B		NE	LT	0.78	20.3	C	
36th Avenue (EB-WB) &	EB	LT	0.62	15.0	B	EB	LT	0.64	15.6	B		EB	LT	0.64	15.6	B	
37th Street (NB)	WB	TR	0.36	11.4	B	WB	TR	0.59	14.7	B		WB	TR	0.59	14.8	B	
	NB	LTR	0.49	19.3	B	NB	LTR	0.50	19.7	B		NB	LTR	0.50	19.0	B	
36th Avenue (EB-WB) &	EB	TR	0.48	4.4	A	EB	TR	0.52	4.5	A		EB	TR	0.51	4.4	A	
38th Street (SB)	WB	LT	0.35	9.2	A	WB	LT	0.43	9.8	A		WB	LT	0.43	9.8	A	
	SB	LTR	0.67	22.4	C	SB	LTR	0.98	44.4	D		SB	LTR	0.98	45.4	D	
36th Avenue (EB-WB) &	EB	LTR	1.28	189.3	F	EB	LTR	1.83	427.7	F	*	EB	LTR	1.83	427.9	F	*
Steinway Street (NB-SB)	WB	LTR	0.71	50.2	D	WB	LTR	0.76	54.7	D		WB	LTR	0.76	54.7	D	
	NB	LTR	0.38	16.0	B	NB	LTR	0.46	18.3	B		NB	LTR	0.46	18.3	B	
	SB	LTR	0.39	12.5	B	SB	LTR	0.55	15.8	B		SB	LTR	0.55	15.8	B	
Northern Boulevard (EB-WB) &	EB	LT	0.51	19.1	B	EB	LT	0.52	19.4	B		EB	LT	0.53	20.2	C	
Queensboro Bridge (SB)	WB	T	0.46	35.5	D	WB	T	0.47	35.8	D		WB	T	0.48	37.3	D	
	WB	R	1.07	61.4	E	WB	R	1.09	69.5	E	*	WB	R	1.07	59.9	E	
	SB	L	1.02	69.7	E	SB	L	1.04	75.1	E	*	SB	L	1.02	67.6	E	
Northern Boulevard (EB-WB) &	EB	TR	0.89	20.0	C	EB	TR	0.91	21.2	C		EB	TR	0.91	20.7	C	
40th Road (SB) &	WB	L	-	-		WB	L	-	-			WB	L	-	-		
Driveway (NB)	WB	T	0.67	16.6	B	WB	T	0.68	17.3	B		WB	T	0.68	17.3	B	
	NB	LTR	0.04	37.3	D	NB	LTR	0.04	37.3	D		NB	LTR	0.04	37.3	D	
	SB	LTR	0.93	86.0	F	SB	LTR	0.93	86.0	F		SB	LTR	0.93	86.0	F	

Intersections	No-Action PM Peak Hour					With-Action PM Peak Hour						Mitigation PM 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	
Northern Boulevard (EB-WB) &	EB	L	0.45	48.2	D	EB	L	0.45	48.3	D		EB	L	0.45	48.3	D	
40th Avenue &	EB	T	0.94	16.2	B	EB	T	0.96	18.2	B		EB	T	0.96	18.2	B	
31st Street (SB)	WB	T	0.57	5.7	A	WB	T	0.58	5.8	A		WB	T	0.58	5.8	A	
	WB	R	0.20	0.3	A	WB	R	0.20	0.3	A		WB	R	0.20	0.3	A	
	SB	TR	0.48	37.3	D	SB	TR	0.48	37.3	D		SB	TR	0.48	37.3	D	
Northern Boulevard (EB-WB) &	EB	LTR	1.03	26.6	C	EB	LTR	1.06	34.2	C		EB	LTR	1.06	34.2	C	
39th Avenue &	WB	TR	0.61	38.6	D	WB	TR	0.62	38.9	D		WB	TR	0.62	38.9	D	
Honeywell Street (NB)	NB	L	0.62	48.8	D	NB	L	0.62	48.8	D		NB	L	0.62	48.8	D	
	NB	TR	1.15	138.4	F	NB	TR	1.15	138.4	F		NB	TR	1.15	138.4	F	
Northern Boulevard (EB-WB) &	EB	T	0.90	34.8	C	EB	T	0.92	35.9	D		EB	T	0.92	35.9	D	
34th Street (SB)	WB	T	0.57	12.6	B	WB	T	0.58	13.1	B		WB	T	0.58	13.3	B	
	SB	LR	0.48	43.7	D	SB	LR	0.48	43.7	D		SB	LR	0.48	43.7	D	
Northern Boulevard (EB-WB) &	EB	L	0.67	9.9	A	EB	L	0.70	10.6	B		EB	L	0.70	10.6	B	
35th Street &	EB	T	0.84	3.8	A	EB	T	0.86	4.0	A		EB	T	0.86	4.0	A	
38th Avenue (SB)	WB	TR	0.65	11.8	B	WB	TR	0.67	12.2	B		WB	TR	0.67	12.2	B	
	SB	LTR	1.27	195.4	F	SB	LTR	1.27	195.4	F		SB	LTR	1.27	195.4	F	
Northern Boulevard (EB-WB) &	EB	T	0.94	17.4	B	EB	T	0.96	18.9	B		EB	T	0.96	18.9	B	
36th Street (SB)	WB	T	0.59	11.4	B	WB	T	0.61	11.2	B		WB	T	0.61	10.8	B	
	SB	LR	0.30	38.8	D	SB	LR	0.24	37.6	D		SB	LR	0.24	37.6	D	
Northern Boulevard (EB-WB) &	EB	L	0.51	4.0	A	EB	L	0.54	4.3	A		EB	L	0.56	4.7	A	
37th Street (SB) &	EB	TR	0.91	4.8	A	EB	TR	0.93	5.4	A		EB	TR	0.94	6.1	A	
Standard Lane (NB)	WB	LT	0.60	9.6	A	WB	LT	0.63	9.8	A		WB	LT	0.64	11.1	B	
	NB	LTR	0.02	34.0	C	NB	LTR	0.02	34.0	C		NB	LTR	0.02	33.3	C	
	SB	LTR	1.02	103.2	F	SB	LTR	1.05	113.4	F	*	SB	LTR	1.01	101.5	F	
Northern Boulevard (EB-WB) &	EB	T	1.05	43.6	D	EB	T	1.07	50.9	D		EB	T	1.07	51.0	D	
38th Street (SB)	WB	T	0.64	15.0	B	WB	T	0.66	15.0	B		WB	T	0.66	15.0	B	
	SB	LR	0.71	53.0	D	SB	LR	0.80	52.5	D		SB	L	0.53	43.5	D	
												SB	R	0.38	40.4	D	
												SB	LR	-	42.3	D	
Northern Boulevard (EB-WB) &	EB	L	0.66	9.1	A	EB	L	0.71	7.0	A		EB	L	0.71	10.8	B	
39th Street (NB) &	EB	TR	1.16	83.8	F	EB	TR	1.20	100.2	F	*	EB	TR	1.20	101.4	F	*
Steinway Street (SB)	WB	L	1.38	259.5	F	WB	L	1.43	280.5	F	*	WB	L	1.43	280.3	F	*
	WB	TR	1.03	56.3	E	WB	TR	1.04	56.7	E		WB	TR	1.04	56.4	E	
	NB	L	0.70	55.4	E	NB	L	0.70	50.0	D		NB	L	0.70	56.3	E	
	NB	TR	1.34	214.2	F	NB	TR	1.72	377.6	F	*	NB	TR	1.72	383.4	F	*
	SB	LTR	1.29	204.7	F	SB	LTR	1.63	338.5	F	*	SB	LTR	1.63	338.5	F	*
Northern Boulevard (EB-WB) &	EB	L	0.44	5.1	A	EB	L	0.78	10.8	B		EB	L	0.78	10.8	B	
41st Street (SB)	EB	T	0.91	9.3	A	EB	T	0.92	10.3	B		EB	T	0.92	10.4	B	
	WB	TR	0.55	13.3	B	WB	TR	0.55	12.9	B		WB	TR	0.55	13.0	B	
	SB	LR	0.45	42.0	D	SB	LR	0.45	42.0	D		SB	LR	0.45	42.0	D	
Northern Boulevard (EB-WB) &	EB	TR	1.03	32.7	C	EB	TR	1.04	34.5	C		EB	TR	1.04	34.5	C	
42nd Street (SB) &	WB	L	0.26	11.5	B	WB	L	0.26	11.5	B		WB	L	0.26	13.0	B	
Driveway (NB)	WB	T	0.65	12.9	B	WB	T	0.68	13.5	B		WB	T	0.68	15.0	B	
	NB	LTR	0.54	46.6	D	NB	LTR	0.55	47.4	D		NB	LTR	0.55	47.4	D	
	SB	LTR	0.87	68.8	E	SB	LTR	1.21	159.2	F	*	SB	LTR	1.21	161.1	F	*
Northern Boulevard (EB-WB) &	EB	LTR	1.16	84.0	F	EB	LTR	1.39	187.8	F	*	EB	LTR	1.29	144.4	F	*
43rd Street &	WB	L	1.14	126.8	F	WB	L	1.14	118.5	F		WB	L	1.07	92.2	F	
42nd Place (NB)	WB	TR	1.10	76.1	E	WB	TR	1.17	104.7	F	*	WB	TR	1.11	73.8	E	
	NB	LTR	1.04	103.0	F	NB	LTR	1.10	121.2	F	*	NB	L	0.38	43.5	D	
												NB	TR	1.00	98.9	F	
												NB	LTR	-	82.7	F	
Northern Boulevard (EB-WB) &	EB	L	0.08	1.6	A	EB	L	0.10	1.9	A		EB	L	0.10	3.5	A	
44th Street (SB) &	EB	TR	1.01	14.6	B	EB	TR	1.03	19.6	B		EB	TR	1.03	22.4	C	
35th Avenue	WB	TR	0.70	20.7	C	WB	TR	0.76	22.5	C		WB	TR	0.76	22.6	C	
	SB	LTR	1.25	193.1	F	SB	LTR	1.44	271.0	F	*	SB	LTR	1.44	271.0	F	*
Northern Boulevard (EB-WB) &	EB	T	0.94	10.6	B	EB	T	0.96	11.7	B		EB	T	0.96	12.0	B	
46th Street (SB)	WB	T	0.63	10.5	B	WB	T	0.67	10.6	B		WB	T	0.67	10.6	B	
	SB	LR	0.57	45.9	D	SB	LR	0.65	49.5	D		SB	L	0.22	36.4	D	
												SB	R	0.54	47.6	D	
												SB	LR	-	43.2	D	

Intersections	No-Action PM Peak Hour					With-Action PM Peak Hour						Mitigation PM 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	
Northern Boulevard (EB-WB) &	EB	TR	1.22	107.2	F	EB	TR	1.25	122.3	F	*	EB	TR	1.25	122.3	F	*
48th Street (NB) &	WB	L	1.13	137.4	F	WB	L	1.13	134.8	F		WB	L	1.13	134.8	F	
34th Avenue	WB	TR	1.18	97.1	F	WB	TR	1.25	126.2	F	*	WB	TR	1.25	126.2	F	*
	NB	L	1.50	299.7	F	NB	L	1.56	325.5	F	*	NB	L	1.56	325.5	F	*
	NB	TR	1.09	128.6	F	NB	TR	1.09	128.6	F		NB	TR	1.09	128.6	F	
Northern Boulevard (EB-WB) &	EB	L	1.12	103.9	F	EB	L	1.14	115.0	F	*	EB	L	1.14	115.0	F	*
51st Street (SB) &	EB	TR	1.14	71.8	E	EB	TR	1.15	76.0	E		EB	TR	1.15	76.0	E	
Woodside Avenue (NB)	WB	L	0.29	29.1	C	WB	L	0.29	29.1	C		WB	L	0.29	29.1	C	
	WB	TR	0.69	29.3	C	WB	TR	0.70	29.8	C		WB	TR	0.70	29.8	C	
	NB	LTR	1.19	150.5	F	NB	LTR	1.19	150.5	F		NB	LTR	1.19	150.5	F	
	SB	LT	0.47	34.2	C	SB	LT	0.47	34.2	C		SB	LT	0.47	34.2	C	
	SB	R	0.70	44.6	D	SB	R	0.83	55.3	E	*	SB	R	0.83	55.3	E	*
Skillman Avenue (WB) &	WB	LT	0.31	12.4	B	WB	LT	0.31	12.4	B		WB	LT	0.36	14.8	B	
39th Street (NB-SB)	WB	R	0.32	13.5	B	WB	R	0.38	14.4	B		WB	R	0.43	17.7	B	
	NB	LT	1.03	62.2	E	NB	LT	1.29	159.8	F	*	NB	LT	0.97	43.5	D	
	SB	T	0.84	14.8	B	SB	T	0.91	15.1	B		SB	T	0.81	11.0	B	
	SB	R	0.33	7.9	A	SB	R	0.37	7.6	A		SB	R	0.33	6.4	A	
43rd Avenue (EB) &	EB	LT	0.41	13.4	B	EB	LT	0.45	13.9	B		EB	LT	0.51	16.7	B	
39th Street (NB-SB)	EB	R	0.06	10.7	B	EB	R	0.06	10.7	B		EB	R	0.07	12.7	B	
	NB	TR	0.68	20.6	C	NB	TR	0.73	22.5	C		NB	TR	0.65	17.3	B	
	SB	LT	1.57	289.6	F	SB	LT	1.82	397.7	F	*	SB	LT	1.51	259.2	F	
Greenpoint Avenue (EB-WB) &	EB	LTR	0.59	27.9	C	EB	LTR	0.66	30.7	C		EB	LTR	0.66	30.1	C	
39th Street (NB-SB)	WB	LT	0.18	13.5	B	WB	LT	0.19	13.6	B		WB	LT	0.19	13.6	B	
	WB	R	0.06	12.3	B	WB	R	0.06	12.3	B		WB	R	0.06	12.3	B	
	NB	LTR	0.18	27.2	C	NB	LTR	0.18	27.2	C		NB	LTR	0.18	27.2	C	
	SB	LTR	0.70	41.3	D	SB	LTR	0.75	44.1	D		SB	LTR	0.75	44.1	D	
Greenpoint Avenue (EB-WB) &	EB	TR	0.65	36.5	D	EB	TR	0.71	39.6	D		EB	TR	0.71	37.4	D	
38th Street (SB)	WB	LT	0.32	17.6	B	WB	LT	0.36	18.7	B		WB	LT	0.36	18.7	B	
	SB	LTR	0.55	35.6	D	SB	LTR	0.59	36.8	D		SB	LTR	0.59	36.8	D	
Greenpoint Avenue (EB-WB) &	EB	LT	0.32	8.0	A	EB	LT	0.32	8.1	A		EB	LT	0.34	9.4	A	
Hunters Point Avenue (NW-SE)	WB	TR	0.53	18.9	B	WB	TR	0.59	19.8	B		WB	TR	0.62	21.0	C	
	SE	LTR	0.87	54.4	D	SE	LTR	0.96	72.2	E	*	SE	LTR	0.82	46.0	D	
	NW	LTR	0.98	58.4	E	NW	LTR	1.05	77.9	E	*	NW	LTR	0.99	57.8	E	
Greenpoint Avenue (NE-SW) &	WB	LTR	0.67	24.9	C	WB	LTR	0.67	24.9	C		WB	LTR	0.67	24.9	C	
Queens Midtown Expressway (WB)	NE	LT	0.34	7.8	A	NE	LT	0.34	7.8	A		NE	LT	0.34	7.8	A	
	SW	TR	0.53	21.2	C	SW	TR	0.56	21.4	C		SW	TR	0.56	22.6	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	0.98	55.5	E	EB	LTR	0.98	55.5	E		EB	LTR	0.98	55.5	E	
Borden Avenue (EB)	NE	T	0.67	53.4	D	NE	T	0.67	53.4	D		NE	T	0.67	53.4	D	
	NE	R	1.10	123.3	F	NE	R	1.10	123.3	F		NE	R	1.10	123.3	F	
	SW	L	1.04	82.3	F	SW	L	1.10	100.9	F	*	SW	L	1.10	100.9	F	*
	SW	T	0.72	23.8	C	SW	T	0.72	23.2	C		SW	T	0.72	23.3	C	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	9.1	A	EB	LR	-	11.2	B		EB	LR	-	11.2	B	
41st Street (NB)	WB	LTR	-	10.2	B	WB	LTR	-	13.0	B		WB	LTR	-	13.0	B	
(All-Way Stop Controlled)	NB	LT	-	9.1	A	NB	LT	-	10.6	B		NB	LT	-	10.6	B	
Northern Boulevard (EB-WB) &	EB	L	0.05	13.3	B	EB	L	0.05	14.8	B		EB	L	0.05	14.8	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	11.7	B	
	NB	LTR	0.05	11.6	B	NB	LTR	0.05	11.7	B		NB	LTR	0.05	11.7	B	
Northern Boulevard (EB-WB) &	EB	L	0.01	0.3	A	EB	L	0.01	0.4	A		EB	L	0.01	0.4	A	
Newtown Road (SB)	SB	R	0.03	10.6	B	SB	R	0.03	10.7	B		SB	R	0.03	10.7	B	
Hunters Point Avenue (WB) &	SB	R	0.04	12.9	B	SB	R	0.05	13.3	B		SB	R	0.05	13.3	B	
38th Street (SB)																	
Queens Midtown Expressway (WB) &	SB	R	0.08	12.7	B	SB	R	0.09	13.2	B		SB	R	0.09	13.2	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline

TABLE G-4

WITH-ACTION WITH MITIGATION INTERSECTION LEVEL OF SERVICE ANALYSIS (SAT PEAK HOUR)

	No-Action SAT Peak Hour					With-Action SAT Peak Hour						Mitigation 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	
Signalized																	
Broadway (EB-WB) &	EB	LT	0.86	29.1	C	EB	LT	0.86	28.8	C		EB	LT	0.86	28.8	C	
43rd Street (NB)	WB	TR	0.77	21.7	C	WB	TR	0.77	21.5	C		WB	TR	0.77	21.5	C	
	NB	LTR	1.32	191.1	F	NB	LTR	1.58	301.7	F	*	NB	LTR	1.58	300.0	F	*
34th Avenue (EB-WB) &	EB	TR	0.65	15.6	B	EB	TR	0.67	16.1	B		EB	TR	0.67	16.1	B	
38th Street (SB)	WB	LT	0.58	13.7	B	WB	LT	0.59	14.1	B		WB	LT	0.59	14.1	B	
	SB	LTR	0.69	27.3	C	SB	LTR	0.80	34.1	C		SB	LTR	0.80	34.1	C	
34th Avenue (EB-WB) &	EB	LT	0.67	16.2	B	EB	LT	0.69	16.9	B		EB	LT	0.69	16.9	B	
41st Street (NB)	WB	TR	0.60	14.2	B	WB	TR	0.63	14.9	B		WB	TR	0.63	14.9	B	
	NB	LTR	0.48	22.6	C	NB	LTR	0.64	18.6	B		NB	LTR	0.64	18.6	B	
34th Avenue (EB-WB) &	EB	LT	0.62	15.1	B	EB	LT	0.62	15.0	B		EB	LT	0.66	17.9	B	
43rd Street (NB)	WB	TR	0.65	15.3	B	WB	TR	0.67	15.9	B		WB	TR	0.72	19.2	B	
	NB	LTR	0.85	44.7	D	NB	LTR	1.03	71.4	E	*	NB	LTR	0.93	44.0	D	
35th Avenue (EB-WB) &	EB	LT	0.5	14	B	EB	LT	0.51	14.2	B		EB	LT	0.51	14.2	B	
37th Street (NB)	WB	TR	0.59	10.7	B	WB	TR	0.66	11.8	B		WB	TR	0.66	11.8	B	
	NB	LTR	0.75	31.1	C	NB	LTR	0.50	22.5	C		NB	LTR	0.50	22.5	C	
35th Avenue (EB-WB) &	EB	TR	0.80	19.2	B	EB	TR	0.63	10.7	B		EB	TR	0.63	10.7	B	
38th Street (SB)	WB	LT	1.08	86.9	F	WB	LT	0.78	25.0	C		WB	LT	0.78	25.0	C	
	SB	LTR	0.69	25.1	C	SB	LTR	0.86	36.1	D		SB	LTR	0.86	36.1	D	
35th Avenue (EB-WB) &	EB	LTR	1.42	239.6	F	EB	LTR	1.54	291.1	F	*	EB	LTR	1.54	291.1	F	*
Steinway Street (NB-SB)	WB	LTR	0.86	52.1	D	WB	LTR	1.88	439.7	F	*	WB	LTR	1.88	439.7	F	*
	NB	LTR	0.79	24.8	C	NB	LTR	0.85	29.6	C		NB	LTR	0.84	28.9	C	
	SB	LTR	0.49	14.2	B	SB	LTR	0.54	15.3	B		SB	LT	0.44	13.4	B	
												SB	R	0.17	10.5	B	
												SB	LTR	-	12.9	B	
35th Avenue (EB-WB) &	EB	LT	0.39	10.5	B	EB	LT	0.48	12.0	B		EB	LT	0.48	12.0	B	
41st Street (NB)	WB	TR	0.44	7.5	A	WB	TR	0.47	6.5	A		WB	TR	0.47	6.5	A	
	NB	LTR	0.39	19.0	B	NB	LTR	1.27	166.2	F	*	NB	LTR	1.27	166.2	F	*
35th Avenue (EB-WB) &	EB	TR	0.50	9.1	A	EB	TR	0.79	18.3	B		EB	TR	0.79	18.3	B	
42nd Street (SB)	WB	LT	0.35	6.2	A	WB	LT	0.52	8.4	A		WB	LT	0.52	8.4	A	
	SB	LTR	0.67	23.5	C	SB	LTR	0.77	29.0	C		SB	LTR	0.77	29.0	C	
35th Avenue (EB-WB) &	EB	L	0.38	7.0	A	EB	L	0.51	10.0	B		EB	L	0.51	10.0	B	
43rd Street (NE)	WB	TR	0.39	11.7	B	WB	TR	0.45	12.0	B		WB	TR	0.45	12.0	B	
	NE	LT	0.45	14.4	B	NE	LT	0.82	23.0	C		NE	LT	0.82	23.7	C	
36th Avenue (EB-WB) &	EB	LT	0.46	11.7	B	EB	LT	0.44	11.4	B		EB	LT	0.44	11.4	B	
37th Street (NB)	WB	TR	0.49	7.6	A	WB	TR	0.66	10.5	B		WB	TR	0.66	10.5	B	
	NB	LTR	0.33	17.4	B	NB	LTR	0.32	17.6	B		NB	LTR	0.32	17.8	B	
36th Avenue (EB-WB) &	EB	TR	0.38	6.0	A	EB	TR	0.42	6.3	A		EB	TR	0.42	6.2	A	
38th Street (SB)	WB	LT	0.43	8.0	A	WB	LT	0.49	8.4	A		WB	LT	0.49	8.4	A	
	SB	LTR	0.63	21.0	C	SB	LTR	0.84	33.1	C		SB	LTR	0.84	33.1	C	
36th Avenue (EB-WB) &	EB	LTR	1.23	167.4	F	EB	LTR	1.67	357.3	F	*	EB	LTR	1.67	357.4	F	*
Steinway Street (NB-SB)	WB	LTR	0.76	53.3	D	WB	LTR	0.79	56.2	E		WB	LTR	0.79	56.2	E	
	NB	LTR	0.49	2.9	A	NB	LTR	0.56	4.6	A		NB	LTR	0.56	4.6	A	
	SB	LTR	0.47	13.8	B	SB	LTR	0.70	20.3	C		SB	LTR	0.70	20.3	C	
Northern Boulevard (EB-WB) &	EB	LT	0.46	18.3	B	EB	LT	0.48	18.6	B		EB	LT	0.49	19.4	B	
Queensboro Bridge (SB)	WB	T	0.38	19.8	B	WB	T	0.41	19.8	B		WB	T	0.42	19.8	B	
	WB	R	1.12	104.3	F	WB	R	1.15	114.7	F	*	WB	R	1.12	103.8	F	
	SB	L	0.89	45.9	D	SB	L	0.92	49.0	D		SB	L	0.90	45.9	D	
Northern Boulevard (EB-WB) &	EB	TR	0.77	29.3	C	EB	TR	0.80	30.6	C		EB	TR	0.80	30.7	C	
40th Road (SB) &	WB	L	0.06	7.0	A	WB	L	0.06	6.7	A		WB	L	0.06	6.7	A	
Driveway (NB)	WB	T	0.84	18.9	B	WB	T	0.86	19.4	B		WB	T	0.86	19.4	B	
	NB	LTR	-	-		NB	LTR	-	-			NB	LTR	-	-		
	SB	LTR	0.67	55.9	E	SB	LTR	0.67	55.9	E		SB	LTR	0.67	55.9	E	

Intersections	No-Action SAT Peak Hour					With-Action SAT Peak Hour					Mitigation 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
Northern Boulevard (EB-WB) &	EB	L	0.50	37.1	D	EB	L	0.50	36.9	D	EB	L	0.50	36.9	D
40th Avenue &	EB	T	0.75	17.6	B	EB	T	0.78	17.4	B	EB	T	0.78	17.4	B
31st Street (SB)	WB	T	0.72	10.1	B	WB	T	0.75	10.2	B	WB	T	0.75	10.2	B
	WB	R	0.16	0.2	A	WB	R	0.16	0.2	A	WB	R	0.16	0.2	A
	SB	TR	0.49	37.5	D	SB	TR	0.49	37.5	D	SB	TR	0.49	37.5	D
Northern Boulevard (EB-WB) &	EB	LTR	0.73	10.5	B	EB	LTR	0.76	11.8	B	EB	LTR	0.76	11.8	B
39th Avenue &	WB	TR	0.66	14.8	B	WB	TR	0.69	15.5	B	WB	TR	0.69	15.5	B
Honeywell Street (NB)	NB	L	1.07	115.0	F	NB	L	1.07	115.0	F	NB	L	1.07	115.0	F
	NB	TR	1.05	107.1	F	NB	TR	1.05	107.1	F	NB	TR	1.05	107.1	F
Northern Boulevard (EB-WB) &	EB	T	0.50	12.1	B	EB	T	0.52	12.5	B	EB	T	0.52	12.5	B
34th Street (SB)	WB	T	0.63	14.1	B	WB	T	0.65	14.4	B	WB	T	0.65	14.4	B
	SB	LR	0.43	43.6	D	SB	LR	0.43	43.6	D	SB	LR	0.43	43.6	D
Northern Boulevard (EB-WB) &	EB	L	0.51	15.9	B	EB	L	0.54	18.7	B	EB	L	0.54	18.7	B
35th Street &	EB	T	0.50	2.2	A	EB	T	0.53	2.3	A	EB	T	0.53	2.3	A
38th Avenue (SB)	WB	TR	0.70	11.4	B	WB	TR	0.72	11.5	B	WB	TR	0.72	11.5	B
	SB	LTR	0.75	61.3	E	SB	LTR	0.75	61.3	E	SB	LTR	0.75	61.3	E
Northern Boulevard (EB-WB) &	EB	T	0.56	8.0	A	EB	T	0.59	7.9	A	EB	T	0.59	7.9	A
36th Street (SB)	WB	T	0.64	6.4	A	WB	T	0.68	6.9	A	WB	T	0.68	6.9	A
	SB	LR	0.26	39.6	D	SB	LR	0.20	38.4	D	SB	LR	0.20	38.4	D
Northern Boulevard (EB-WB) &	EB	L	0.63	20.2	C	EB	L	0.66	24.1	C	EB	L	0.66	24.1	C
37th Street (SB) &	EB	TR	0.59	2.4	A	EB	TR	0.63	2.6	A	EB	TR	0.63	2.6	A
Standard Lane (NB)	WB	LT	0.69	6.3	A	WB	LT	0.73	6.5	A	WB	LT	0.73	7.0	A
	NB	LTR	-	-		NB	LTR	-	-		NB	LTR	-	-	
	SB	LTR	0.70	51.1	D	SB	LTR	0.71	51.8	D	SB	LTR	0.71	51.8	D
Northern Boulevard (EB-WB) &	EB	T	0.64	8.7	A	EB	T	0.67	8.8	A	EB	T	0.67	8.8	A
38th Street (SB)	WB	T	0.67	4.1	A	WB	T	0.70	5.1	A	WB	T	0.70	4.8	A
	SB	LR	0.72	63.9	E	SB	LR	0.80	67.5	E	SB	L	0.44	54.1	D
											SB	R	0.47	55.4	E
											SB	LR	-	54.7	D
Northern Boulevard (EB-WB) &	EB	L	1.05	105.0	F	EB	L	1.12	127.2	F *	EB	L	1.12	129.5	F *
39th Street (NB) &	EB	TR	0.90	20.9	C	EB	TR	0.96	27.4	C	EB	TR	0.96	28.3	C
Steinway Street (SB)	WB	L	1.43	241.5	F	WB	L	1.78	390.7	F *	WB	L	1.78	389.5	F *
	WB	TR	0.78	6.8	A	WB	TR	0.78	7.0	A	WB	TR	0.78	6.0	A
	NB	L	0.32	35.4	D	NB	L	0.32	34.7	C	NB	L	0.32	34.7	C
	NB	TR	1.17	136.1	F	NB	TR	1.40	229.8	F *	NB	TR	1.40	229.9	F *
	SB	LTR	1.33	214.3	F	SB	LTR	1.69	362.3	F *	SB	LTR	1.69	362.3	F *
Northern Boulevard (EB-WB) &	EB	L	0.28	7.1	A	EB	L	0.87	15.4	B	EB	L	0.87	15.4	B
41st Street (SB)	EB	T	0.57	6.3	A	EB	T	0.58	6.8	A	EB	T	0.58	6.8	A
	WB	TR	0.69	10.7	B	WB	TR	0.70	10.9	B	WB	TR	0.70	10.9	B
	SB	LR	0.33	40.3	D	SB	LR	0.33	40.4	D	SB	LR	0.33	40.4	D
Northern Boulevard (EB-WB) &	EB	TR	0.59	10.9	B	EB	TR	0.60	10.9	B	EB	TR	0.60	10.9	B
42nd Street (SB) &	WB	L	0.18	16.0	B	WB	L	0.18	15.8	B	WB	L	0.18	16.1	B
Driveway (NB)	WB	T	0.66	27.3	C	WB	T	0.70	28.0	C	WB	T	0.70	28.6	C
	NB	LTR	0.78	73.6	E	NB	LTR	0.76	70.2	E	NB	LTR	0.76	70.2	E
	SB	LTR	1.16	147.1	F	SB	LTR	1.70	369.8	F *	SB	LTR	1.70	369.8	F *
Northern Boulevard (EB-WB) &	EB	LTR	0.88	31.3	C	EB	LTR	1.28	158.7	F *	EB	LTR	1.28	158.7	F *
43rd Street &	WB	L	1.27	162.7	F	WB	L	1.50	253.4	F *	WB	L	1.50	253.4	F *
42nd Place (NB)	WB	TR	0.92	20.6	C	WB	TR	0.98	25.6	C	WB	TR	0.98	25.6	C
	NB	LTR	1.15	139.5	F	NB	LTR	1.19	154.7	F *	NB	L	0.35	41.1	D
											NB	TR	0.92	78.5	E
											NB	LTR	-	67.5	E
Northern Boulevard (EB-WB) &	EB	L	0.21	4.7	A	EB	L	0.26	3.6	A	EB	L	0.26	3.6	A
44th Street (SB) &	EB	TR	0.66	4.7	A	EB	TR	0.67	4.0	A	EB	TR	0.67	4.1	A
35th Avenue	WB	TR	0.80	19.6	B	WB	TR	0.87	21.6	C	WB	TR	0.87	21.9	C
	SB	LTR	1.44	271.1	F	SB	LTR	1.67	372.7	F *	SB	LTR	1.67	372.7	F *
Northern Boulevard (EB-WB) &	EB	T	0.66	6.1	A	EB	T	0.67	5.8	A	EB	T	0.67	5.8	A
46th Street (SB)	WB	T	0.76	3.6	A	WB	T	0.81	3.9	A	WB	T	0.81	3.9	A
	SB	LR	0.63	50.1	D	SB	LR	0.72	55.8	E *	SB	L	0.32	40.8	D
											SB	R	0.51	47.3	D
											SB	LR	-	44.4	D

Intersections	No-Action SAT Peak Hour					With-Action SAT Peak Hour						Mitigation 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	
Northern Boulevard (EB-WB) &	EB	TR	1.20	112.8	F	EB	TR	1.23	127.9	F	*	EB	TR	1.23	127.9	F	*
48th Street (NB) &	WB	L	1.10	97.0	F	WB	L	1.10	97.1	F		WB	L	1.10	97.1	F	
34th Avenue	WB	TR	1.19	91.4	F	WB	TR	1.24	111.3	F	*	WB	TR	1.24	111.3	F	*
	NB	L	1.63	355.8	F	NB	L	1.68	376.8	F	*	NB	L	1.68	376.8	F	*
	NB	TR	1.05	113.6	F	NB	TR	1.05	113.6	F		NB	TR	1.05	113.6	F	
Northern Boulevard (EB-WB) &	EB	L	0.73	28.5	C	EB	L	0.74	28.8	C		EB	L	0.74	28.8	C	
51st Street (SB) &	EB	TR	0.90	39.2	D	EB	TR	0.92	40.0	D		EB	TR	0.92	40.0	D	
Woodside Avenue (NB)	WB	L	0.26	18.0	B	WB	L	0.26	18.4	B		WB	L	0.26	18.4	B	
	WB	TR	0.73	26.2	C	WB	TR	0.74	26.6	C		WB	TR	0.74	26.6	C	
	NB	LTR	1.22	167.2	F	NB	LTR	1.22	167.2	F		NB	LTR	1.22	167.2	F	
	SB	LT	0.52	40.5	D	SB	LT	0.52	40.5	D		SB	LT	0.52	40.5	D	
	SB	R	1.22	167.4	F	SB	R	1.37	229.3	F	*	SB	R	1.37	229.3	F	*
Skillman Avenue (WB) &	WB	LT	0.31	12.5	B	WB	LT	0.31	12.5	B		WB	LT	0.31	12.5	B	
39th Street (NB-SB)	WB	R	0.35	13.9	B	WB	R	0.38	14.4	B		WB	R	0.38	14.4	B	
	NB	LT	0.75	28.4	C	NB	LT	0.88	36.2	D		NB	LT	0.88	38.9	D	
	SB	T	0.74	29.5	C	SB	T	0.81	34.0	C		SB	T	0.81	34.0	C	
	SB	R	0.23	16.9	B	SB	R	0.28	18.3	B		SB	R	0.28	18.3	B	
43rd Avenue (EB) &	EB	LT	0.11	10.9	B	EB	LT	0.14	11.1	B		EB	LT	0.16	13.2	B	
39th Street (NB-SB)	EB	R	0.13	11.4	B	EB	R	0.13	11.4	B		EB	R	0.15	13.5	B	
	NB	TR	0.84	29.2	C	NB	TR	0.88	33.5	C		NB	TR	0.79	22.8	C	
	SB	LT	1.72	350.2	F	SB	LT	2.03	483.1	F	*	SB	LT	1.60	291.7	F	
Greenpoint Avenue (EB-WB) &	EB	LTR	0.58	36.9	D	EB	LTR	0.66	40.0	D		EB	LTR	0.66	39.9	D	
39th Street (NB-SB)	WB	LT	0.24	14.1	B	WB	LT	0.25	14.3	B		WB	LT	0.25	14.3	B	
	WB	R	0.01	11.8	B	WB	R	0.01	11.8	B		WB	R	0.01	11.8	B	
	NB	LTR	0.16	26.8	C	NB	LTR	0.16	26.8	C		NB	LTR	0.16	26.8	C	
	SB	LTR	0.69	40.6	D	SB	LTR	0.75	44.4	D		SB	LTR	0.75	44.4	D	
Greenpoint Avenue (EB-WB) &	EB	TR	0.58	19.6	B	EB	TR	0.63	21.7	C		EB	TR	0.63	21.8	C	
38th Street (SB)	WB	LT	0.47	19.1	B	WB	LT	0.52	19.5	B		WB	LT	0.52	19.5	B	
	SB	LTR	0.43	32.0	C	SB	LTR	0.48	33.4	C		SB	LTR	0.48	33.4	C	
Greenpoint Avenue (EB-WB) &	EB	LT	0.55	22.9	C	EB	LT	0.60	24.9	C		EB	LT	0.65	28.0	C	
Hunters Point Avenue (NW-SE)	WB	TR	0.64	22.2	C	WB	TR	0.72	25.8	C		WB	TR	0.75	28.5	C	
	SE	LTR	0.91	57.9	E	SE	LTR	0.97	70.9	E	*	SE	LTR	0.88	51.7	D	
	NW	LTR	1.13	109.0	F	NW	LTR	1.19	133.4	F	*	NW	LTR	1.13	106.7	F	
Greenpoint Avenue (NE-SW) &	WB	LTR	0.77	25.3	C	WB	LTR	0.77	25.3	C		WB	LTR	0.77	25.3	C	
Queens Midtown Expressway (WB)	NE	LT	0.31	5.1	A	NE	LT	0.31	5.1	A		NE	LT	0.31	5.1	A	
	SW	TR	0.60	20.7	C	SW	TR	0.64	21.4	C		SW	TR	0.64	21.4	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	1.04	67.4	E	EB	LTR	1.04	67.4	E		EB	LTR	1.04	67.4	E	
Borden Avenue (EB)	NE	T	0.55	34.9	C	NE	T	0.55	34.9	C		NE	T	0.55	34.9	C	
	NE	R	1.10	109.9	F	NE	R	1.10	109.9	F		NE	R	1.10	109.9	F	
	SW	L	1.09	83.8	F	SW	L	1.17	111.3	F	*	SW	L	1.17	111.3	F	*
	SW	T	0.47	9.0	A	SW	T	0.47	8.7	A		SW	T	0.47	8.7	A	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	7.9	A	EB	LR	-	9.8	A		EB	LR	-	9.8	A	
41st Street (NB)	WB	LTR	-	9.5	A	WB	LTR	-	12.5	B		WB	LTR	-	12.5	B	
(All-Way Stop Controlled)	NB	LT	-	8.3	A	NB	LT	-	9.8	A		NB	LT	-	9.8	A	
Northern Boulevard (EB-WB) &	EB	L	0.02	12.0	B	EB	L	0.02	13.4	B		EB	L	0.02	13.4	B	
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.01	9.8	A	WB	L	0.01	9.9	A		WB	L	0.01	9.9	A	
	NB	LTR	0.01	9.2	A	NB	LTR	0.01	9.2	A		NB	LTR	0.01	9.2	A	
Northern Boulevard (EB-WB) &	EB	L	0.02	0.7	A	EB	L	0.02	0.8	A		EB	L	0.02	0.8	A	
Newtown Road (SB)	SB	R	0.05	11.6	B	SB	R	0.05	11.6	B		SB	R	0.05	11.6	B	
Hunters Point Avenue (WB) &	SB	R	0.05	13.4	B	SB	R	0.05	13.8	B		SB	R	0.05	13.8	B	
38th Street (SB)																	
Queens Midtown Expressway (WB) &	SB	R	0.03	13.4	B	SB	R	0.03	13.8	B		SB	R	0.03	13.8	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline

TABLE G-5

WITH-ACTION WITH MITIGATION CONSTRUCTION PEAK HOUR INTERSECTION LEVEL OF SERVICE ANALYSIS (AM PEAK HOUR)

	No-Action AM (6-7) Peak Hour					With-Action AM (6-7) Peak Hour						Mitigation AM (6-7) 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	
Signalized																	
35th Avenue (EB-WB) &	EB	LTR	0.12	16.4	B	EB	LTR	0.23	18.1	B		EB	LTR	0.23	18.1	B	
Steinway Street (NB-SB)	WB	LTR	0.15	12.0	B	WB	LTR	0.22	17.1	B		WB	LTR	0.22	17.1	B	
	NB	LTR	0.27	12.7	B	NB	LTR	0.33	13.6	B		NB	LTR	0.33	13.6	B	
	SB	LTR	0.66	34.4	C	SB	LTR	0.74	38.6	D		SB	LTR	0.74	38.6	D	
35th Avenue (EB-WB) &	EB	LT	0.08	12.8	B	EB	LT	0.10	12.3	B		EB	LT	0.10	12.3	B	
41st Street (NB)	WB	TR	0.13	3.8	A	WB	TR	0.14	3.7	A		WB	TR	0.14	3.7	A	
	NB	LTR	0.06	14.5	B	NB	LTR	0.23	16.6	B		NB	LTR	0.23	16.6	B	
35th Avenue (EB-WB) &	EB	TR	0.08	5.3	A	EB	TR	0.14	6.2	A		EB	TR	0.14	6.2	A	
42nd Street (SB)	WB	LT	0.12	6.7	A	WB	LT	0.29	5.9	A		WB	LT	0.29	6.1	A	
	SB	LTR	0.19	13.7	B	SB	LTR	0.22	14.0	B		SB	LTR	0.22	14.0	B	
35th Avenue (EB-WB) &	EB	L	0.03	7.4	A	EB	L	0.03	7.4	A		EB	L	0.03	7.4	A	
43rd Street (NE)	WB	TR	0.11	9.1	A	WB	TR	0.23	9.4	A		WB	TR	0.23	9.4	A	
	NE	LT	0.09	4.4	A	NE	LT	0.11	5.7	A		NE	LT	0.11	5.8	A	
36th Avenue (EB-WB) &	EB	LTR	0.24	34.1	C	EB	LTR	0.29	35.1	D		EB	LTR	0.29	35.1	D	
Steinway Street (NB-SB)	WB	LTR	0.22	33.5	C	WB	LTR	0.37	37.0	D		WB	LTR	0.37	37.0	D	
	NB	LTR	0.18	19.2	B	NB	LTR	0.23	19.5	B		NB	LTR	0.23	19.5	B	
	SB	LTR	0.39	2.8	A	SB	LTR	0.52	8.2	A		SB	LTR	0.52	8.2	A	
Northern Boulevard (EB-WB) &	EB	L	0.98	154.0	F	EB	L	1.13	202.9	F	*	EB	L	1.13	202.9	F	*
39th Street (NB) &	EB	TR	0.42	16.6	B	EB	TR	0.43	16.9	B		EB	TR	0.43	16.9	B	
Steinway Street (SB)	WB	L	0.59	6.3	A	WB	L	0.62	7.1	A		WB	L	0.62	7.1	A	
	WB	TR	0.99	14.2	B	WB	TR	0.99	14.8	B		WB	TR	0.99	14.8	B	
	NB	L	0.49	45.6	D	NB	L	0.49	49.2	D		NB	L	0.49	49.2	D	
	NB	TR	0.66	52.1	D	NB	TR	1.19	158.9	F	*	NB	TR	1.19	158.9	F	*
	SB	LTR	1.08	132.4	F	SB	LTR	1.21	179.4	F	*	SB	LTR	1.21	179.3	F	*
Northern Boulevard (EB-WB) &	EB	L	0.17	13.8	B	EB	L	2.46	722.9	F	*	EB	L	2.46	722.9	F	*
41st Street (SB)	EB	T	0.29	8.0	A	EB	T	0.29	9.6	A		EB	T	0.29	9.6	A	
	WB	TR	1.00	14.4	B	WB	TR	1.01	10.7	B		WB	TR	1.01	10.7	B	
	SB	LR	0.09	35.7	D	SB	LR	0.11	36.0	D		SB	LR	0.11	36.0	D	
Northern Boulevard (EB-WB) &	EB	TR	0.32	7.3	A	EB	TR	0.33	6.6	A		EB	TR	0.33	6.6	A	
42nd Street (SB) &	WB	L	0.03	1.2	A	WB	L	0.03	1.1	A		WB	L	0.03	1.3	A	
Driveway (NB)	WB	T	1.02	20.1	C	WB	T	1.09	43.6	D		WB	T	1.09	43.7	D	
	NB	LTR	0.10	35.1	D	NB	LTR	0.10	35.1	D		NB	LTR	0.10	35.1	D	
	SB	LTR	0.38	36.6	D	SB	LTR	0.56	44.2	D		SB	LTR	0.56	44.3	D	
Northern Boulevard (EB-WB) &	EB	LTR	0.42	15.6	B	EB	LTR	0.51	15.1	B		EB	LTR	0.51	15.1	B	
43rd Street &	WB	L	0.31	3.3	A	WB	L	0.33	3.4	A		WB	L	0.33	3.4	A	
42nd Place (NB)	WB	TR	0.99	10.7	B	WB	TR	1.06	34.6	C		WB	TR	1.06	34.6	C	
	NB	LTR	0.39	40.4	D	NB	LTR	0.39	40.5	D		NB	L	0.20	36.7	D	
												NB	TR	0.22	37.2	D	
												NB	LTR	-	36.9	D	
Northern Boulevard (EB-WB) &	EB	L	0.00	0.0	A	EB	L	0.00	0.0	A		EB	L	0.00	0.0	A	
44th Street (SB) &	EB	TR	0.25	8.0	A	EB	TR	0.26	7.9	A		EB	TR	0.26	8.1	A	
35th Avenue	WB	TR	1.05	29.7	C	WB	TR	1.17	83.0	F	*	WB	TR	1.17	83.0	F	*
	SB	LTR	0.73	59.5	E	SB	LTR	0.74	60.4	E		SB	LTR	0.74	60.4	E	
Northern Boulevard (EB-WB) &	EB	T	0.30	12.2	B	EB	T	0.32	11.5	B		EB	T	0.32	11.5	B	
46th Street (SB)	WB	T	1.01	15.9	B	WB	T	1.11	53.1	D		WB	T	1.11	53.1	D	
	SB	LR	0.47	44.0	D	SB	LR	0.49	44.6	D		SB	LR	0.49	44.6	D	
Northern Boulevard (EB-WB) &	EB	TR	0.43	4.4	A	EB	TR	0.45	4.3	A		EB	TR	0.45	4.3	A	
48th Street (NB) &	WB	L	0.22	3.3	A	WB	L	0.23	3.1	A		WB	L	0.23	3.1	A	
34th Avenue	WB	TR	1.08	51.5	D	WB	TR	1.18	93.1	F	*	WB	TR	1.18	93.1	F	*
	NB	L	0.15	36.9	D	NB	L	0.17	37.2	D		NB	L	0.17	37.2	D	
	NB	TR	0.43	44.0	D	NB	TR	0.43	44.0	D		NB	TR	0.43	44.0	D	

Intersections	No-Action AM (6-7) Peak Hour					With-Action AM (6-7) Peak Hour						Mitigation AM (6-7) 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	
Northern Boulevard (EB-WB) &	EB	L	0.33	35.8	D	EB	L	0.36	39.0	D		EB	L	0.36	39.0	D	
51st Street (SB) &	EB	TR	0.36	33.7	C	EB	TR	0.38	34.1	C		EB	TR	0.38	34.1	C	
Woodside Avenue (NB)	WB	L	0.05	10.9	B	WB	L	0.05	10.9	B		WB	L	0.05	10.9	B	
	WB	TR	0.89	34.7	C	WB	TR	0.93	39.8	D		WB	TR	0.93	39.8	D	
	NB	LTR	0.68	49.6	D	NB	LTR	0.68	49.6	D		NB	LTR	0.68	49.6	D	
	SB	LT	0.25	34.8	C	SB	LT	0.25	34.8	C		SB	LT	0.25	34.8	C	
	SB	R	1.17	144.3	F	SB	R	1.48	271.9	F	*	SB	R	1.48	271.9	F	*
Skillman Avenue (WB) &	WB	LT	0.32	12.5	B	WB	LT	0.32	12.5	B		WB	LT	0.32	12.5	B	
39th Street (NB-SB)	WB	R	0.13	11.4	B	WB	R	0.16	11.7	B		WB	R	0.16	11.7	B	
	NB	LT	0.49	14.7	B	NB	LT	0.67	17.8	B		NB	LT	0.67	17.8	B	
	SB	T	0.48	11.5	B	SB	T	0.51	11.5	B		SB	T	0.51	11.5	B	
	SB	R	0.46	11.6	B	SB	R	0.47	11.3	B		SB	R	0.47	11.3	B	
43rd Avenue (EB) &	EB	LT	0.15	11.2	B	EB	LT	0.21	11.7	B		EB	LT	0.21	11.7	B	
39th Street (NB-SB)	EB	R	0.05	10.6	B	EB	R	0.05	10.6	B		EB	R	0.05	10.6	B	
	NB	TR	0.41	14.4	B	NB	TR	0.48	15.7	B		NB	TR	0.48	15.7	B	
	SB	LT	0.70	18.8	B	SB	LT	0.77	22.4	C		SB	LT	0.77	22.4	C	
Greenpoint Avenue (EB-WB) &	EB	TR	0.22	7.6	A	EB	TR	0.28	11.7	B		EB	TR	0.28	12.4	B	
38th Street (SB)	WB	LT	0.48	18.1	B	WB	LT	0.49	18.4	B		WB	LT	0.49	18.4	B	
	SB	LTR	0.42	32.1	C	SB	LTR	0.43	32.2	C		SB	LTR	0.43	32.2	C	
Greenpoint Avenue (EB-WB) &	EB	LT	0.19	10.9	B	EB	LT	0.19	10.9	B		EB	LT	0.20	11.2	B	
Hunters Point Avenue (NW-SE)	WB	TR	0.83	38.5	D	WB	TR	0.84	39.9	D		WB	TR	0.88	44.3	D	
	SE	LTR	0.55	27.5	C	SE	LTR	0.58	28.5	C		SE	LTR	0.54	25.7	C	
	NW	LTR	0.95	46.9	D	NW	LTR	1.03	66.0	E	*	NW	LTR	1.00	54.9	D	
Greenpoint Avenue (NE-SW) &	WB	LTR	0.86	29.5	C	WB	LTR	0.86	29.5	C		WB	LTR	0.86	29.5	C	
Queens Midtown Expressway (WB)	NE	LT	0.12	15.6	B	NE	LT	0.12	15.6	B		NE	LT	0.12	16.4	B	
	SW	TR	0.71	29.5	C	SW	TR	0.72	29.3	C		SW	TR	0.72	29.3	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	0.84	41.8	D	EB	LTR	0.84	41.8	D		EB	LTR	0.86	43.9	D	
Borden Avenue (EB)	NE	T	0.14	32.0	C	NE	T	0.14	32.0	C		NE	T	0.14	32.0	C	
	NE	R	1.07	107.1	F	NE	R	1.07	107.1	F		NE	R	1.07	107.1	F	
	SW	L	1.08	90.5	F	SW	L	1.09	96.3	F	*	SW	L	1.05	80.8	F	
	SW	T	0.93	28.9	C	SW	T	0.93	28.7	C		SW	T	0.91	26.6	C	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	6.8	A	EB	LR	-	8.0	A		EB	LR	-	8.0	A	
41st Street (NB)	WB	LTR	-	7.4	A	WB	LTR	-	8.8	A		WB	LTR	-	8.8	A	
(All-Way Stop Controlled)	NB	LT	-	7.2	A	NB	LT	-	8.4	A		NB	LT	-	8.4	A	
Northern Boulevard (EB-WB) &	EB	L	0	0	A	EB	L	0	0	A		EB	L	0.00	0.0	A	
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.00	0.0	A		WB	L	0.00	0.0	A	
	NB	LTR	0.00	0.0	A	NB	LTR	0.00	0.0	A		NB	LTR	0.00	0.0	A	
Northern Boulevard (EB-WB) &	EB	L	0.11	0.0	A	EB	L	0.12	0.0	A		EB	L	0.12	0.0	A	
Newtown Road (SB)	SB	R	0.01	10.7	B	SB	R	0.01	11.3	B		SB	R	0.01	11.3	B	
Hunters Point Avenue (WB) &	SB	R	0.04	13.7	B	SB	R	0.04	14.4	B		SB	R	0.04	14.4	B	
38th Street (SB)																	
Hunters Point Avenue (WB) &	SB	R	0.02	13.1	B	SB	R	0.02	13.6	B		SB	R	0.02	13.6	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline

TABLE G-6

WITH-ACTION WITH MITIGATION CONSTRUCTION PEAK HOUR INTERSECTION LEVEL OF SERVICE ANALYSIS (PM PEAK HOUR)

	No-Action PM (3-4) Peak Hour					With-Action PM (3-4) Peak Hour						Mitigation PM (3-4) 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	
Signalized																	
35th Avenue (EB-WB) &	EB	LTR	1.19	144.6	F	EB	LTR	1.34	208.8	F	*	EB	LTR	1.34	208.8	F	*
Steinway Street (NB-SB)	WB	LTR	0.66	35.1	D	WB	LTR	1.03	88.1	F	*	WB	LTR	1.03	88.1	F	*
	NB	LTR	0.54	15.1	B	NB	LTR	0.62	17.4	B		NB	LTR	0.62	17.4	B	
	SB	LTR	0.42	12.9	B	SB	LTR	0.46	13.6	B		SB	LTR	0.46	13.6	B	
35th Avenue (EB-WB) &	EB	LT	0.40	10.7	B	EB	LT	0.43	11.3	B		EB	LT	0.43	11.3	B	
41st Street (NB)	WB	TR	0.37	7.6	A	WB	TR	0.38	7.5	A		WB	TR	0.38	7.5	A	
	NB	LTR	0.32	17.5	B	NB	LTR	0.92	50.9	D		NB	LTR	0.92	50.9	D	
35th Avenue (EB-WB) &	EB	TR	0.34	6.8	A	EB	TR	0.52	9.9	A		EB	TR	0.52	9.9	A	
42nd Street (SB)	WB	LT	0.33	8.2	A	WB	LT	0.35	8.5	A		WB	LT	0.35	8.3	A	
	SB	LTR	0.46	17.5	B	SB	LTR	0.52	19.1	B		SB	LTR	0.52	19.1	B	
35th Avenue (EB-WB) &	EB	L	0.34	7.6	A	EB	L	0.45	7.8	A		EB	L	0.45	7.9	A	
43rd Street (NE)	WB	TR	0.39	14.9	B	WB	TR	0.41	15.1	B		WB	TR	0.41	15.1	B	
	NE	LT	0.44	15.0	B	NE	LT	0.38	14.8	B		NE	LT	0.38	16.1	B	
36th Avenue (EB-WB) &	EB	LTR	1.23	172.8	F	EB	LTR	1.36	227.0	F	*	EB	LTR	1.20	160.5	F	
Steinway Street (NB-SB)	WB	LTR	0.59	43.2	D	WB	LTR	0.65	46.5	D		WB	LTR	0.60	41.6	D	
	NB	LTR	0.37	16.6	B	NB	LTR	0.39	16.7	B		NB	LTR	0.41	17.8	B	
	SB	LTR	0.36	12.1	B	SB	LTR	0.43	13.2	B		SB	LTR	0.45	15.0	B	
Northern Boulevard (EB-WB) &	EB	L	0.78	56.9	E	EB	L	0.80	60.4	E		EB	L	0.80	60.4	E	
39th Street (NB) &	EB	TR	1.11	86.1	F	EB	TR	1.12	89.4	F		EB	TR	1.12	89.4	F	
Steinway Street (SB)	WB	L	1.31	229.9	F	WB	L	2.00	513.2	F	*	WB	L	2.00	513.2	F	*
	WB	TR	1.10	75.1	E	WB	TR	1.11	78.4	E		WB	TR	1.11	78.3	E	
	NB	L	0.70	56.6	E	NB	L	0.70	55.7	E		NB	L	0.70	55.7	E	
	NB	TR	1.14	133.5	F	NB	TR	1.21	156.7	F	*	NB	TR	1.21	156.7	F	*
	SB	LTR	1.15	159.8	F	SB	LTR	1.38	252.4	F	*	SB	LTR	1.38	254.1	F	*
Northern Boulevard (EB-WB) &	EB	L	0.25	3.8	A	EB	L	0.31	4.1	A		EB	L	0.31	4.1	A	
41st Street (SB)	EB	T	0.91	7.8	A	EB	T	0.91	8.2	A		EB	T	0.91	8.2	A	
	WB	TR	0.68	14.3	B	WB	TR	0.71	14.3	B		WB	TR	0.71	13.7	B	
	SB	LR	0.42	41.4	D	SB	LR	0.46	42.3	D		SB	LR	0.46	42.3	D	
Northern Boulevard (EB-WB) &	EB	TR	1.03	33.1	C	EB	TR	1.04	37.8	D		EB	TR	1.04	37.8	D	
42nd Street (SB) &	WB	L	0.57	16.2	B	WB	L	0.57	16.1	B		WB	L	0.57	17.7	B	
Driveway (NB)	WB	T	0.70	13.5	B	WB	T	0.71	13.7	B		WB	T	0.71	15.1	B	
	NB	LTR	0.46	43.4	D	NB	LTR	0.47	43.7	D		NB	LTR	0.47	43.7	D	
	SB	LTR	0.91	82.7	F	SB	LTR	1.42	257.7	F	*	SB	LTR	1.42	257.9	F	*
Northern Boulevard (EB-WB) &	EB	LTR	1.12	63.4	E	EB	LTR	1.18	93.0	F	*	EB	LTR	1.11	67.0	E	
43rd Street &	WB	L	1.08	110.5	F	WB	L	1.08	109.1	F		WB	L	1.03	87.4	F	
42nd Place (NB)	WB	TR	1.14	90.8	F	WB	TR	1.16	96.8	F	*	WB	TR	1.09	66.9	E	
	NB	LTR	1.02	95.7	F	NB	LTR	1.02	95.7	F		NB	L	0.47	46.0	D	
												NB	TR	0.78	62.4	E	
												NB	LTR	-	56.3	E	
Northern Boulevard (EB-WB) &	EB	L	0.14	2.1	A	EB	L	0.15	2.0	A		EB	L	0.15	3.7	A	
44th Street (SB) &	EB	TR	1.02	16.0	B	EB	TR	1.05	30.7	C		EB	TR	1.05	33.0	C	
35th Avenue	WB	TR	0.77	23.6	C	WB	TR	0.79	23.9	C		WB	TR	0.79	23.9	C	
	SB	LTR	1.10	138.0	F	SB	LTR	1.11	141.8	F		SB	LTR	1.11	141.8	F	
Northern Boulevard (EB-WB) &	EB	T	0.99	14.5	B	EB	T	1.03	23.9	C		EB	T	1.03	24.0	C	
46th Street (SB)	WB	T	0.74	11.1	B	WB	T	0.75	11.3	B		WB	T	0.75	11.3	B	
	SB	LR	0.75	54.8	D	SB	LR	0.75	54.8	D		SB	LR	0.75	54.8	D	
Northern Boulevard (EB-WB) &	EB	TR	1.16	82.6	F	EB	TR	1.21	103.1	F	*	EB	TR	1.21	103.0	F	*
48th Street (NB) &	WB	L	1.14	152.9	F	WB	L	1.14	152.3	F		WB	L	1.14	152.3	F	
34th Avenue	WB	TR	1.10	62.5	E	WB	TR	1.12	71.5	E	*	WB	TR	1.12	71.5	E	*
	NB	L	1.64	359.0	F	NB	L	1.66	369.1	F	*	NB	L	1.66	369.1	F	*
	NB	TR	1.16	150.9	F	NB	TR	1.16	150.9	F		NB	TR	1.16	150.9	F	

Intersections	No-Action PM (3-4) Peak Hour					With-Action PM (3-4) Peak Hour						Mitigation PM (3-4) 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	
Northern Boulevard (EB-WB) &	EB	L	1.03	77.1	E	EB	L	1.04	82.7	F	*	EB	L	1.06	88.4	F	*
51st Street (SB) &	EB	TR	1.14	66.3	E	EB	TR	1.18	86.3	F	*	EB	TR	1.18	86.3	F	*
Woodside Avenue (NB)	WB	L	0.20	25.7	C	WB	L	0.20	26.8	C		WB	L	0.20	26.8	C	
	WB	TR	0.72	30.4	C	WB	TR	0.73	30.6	C		WB	TR	0.73	30.6	C	
	NB	LTR	1.12	122.2	F	NB	LTR	1.12	122.2	F		NB	LTR	1.12	122.2	F	
	SB	LT	0.43	33.3	C	SB	LT	0.43	33.3	C		SB	LT	0.43	33.3	C	
	SB	R	0.85	57.2	E	SB	R	0.88	61.1	E		SB	R	0.88	61.1	E	
Skillman Avenue (WB) &	WB	LT	0.33	12.6	B	WB	LT	0.33	12.6	B		WB	LT	0.33	12.6	B	
39th Street (NB-SB)	WB	R	0.26	12.8	B	WB	R	0.27	12.8	B		WB	R	0.27	12.8	B	
	NB	LT	0.89	29.8	C	NB	LT	0.98	46.1	D		NB	LT	0.98	48.0	D	
	SB	T	0.73	13.1	B	SB	T	0.79	13.7	B		SB	T	0.79	13.7	B	
	SB	R	0.36	8.8	A	SB	R	0.45	9.0	A		SB	R	0.45	9.0	A	
43rd Avenue (EB) &	EB	LT	0.40	13.3	B	EB	LT	0.41	13.4	B		EB	LT	0.44	15.1	B	
39th Street (NB-SB)	EB	R	0.06	10.7	B	EB	R	0.06	10.7	B		EB	R	0.07	12.0	B	
	NB	TR	0.70	21.6	C	NB	TR	0.72	22.2	C		NB	TR	0.67	18.6	B	
	SB	LT	1.33	184.9	F	SB	LT	1.44	233.5	F	*	SB	LT	1.26	153.3	F	
Greenpoint Avenue (EB-WB) &	EB	TR	0.55	33.3	C	EB	TR	0.56	33.8	C		EB	TR	0.56	33.2	C	
38th Street (SB)	WB	LT	0.39	16.6	B	WB	LT	0.45	17.6	B		WB	LT	0.45	17.6	B	
	SB	LTR	0.50	34.0	C	SB	LTR	0.61	37.8	D		SB	LTR	0.61	37.8	D	
Greenpoint Avenue (EB-WB) &	EB	LT	0.26	7.6	A	EB	LT	0.26	7.7	A		EB	LT	0.26	43.9	D	
Hunters Point Avenue (NW-SE)	WB	TR	0.56	17.5	B	WB	TR	0.68	19.6	B		WB	TR	0.68	19.6	B	
	SE	LTR	0.95	71.5	E	SE	LTR	0.96	74.9	E		SE	LTR	0.96	74.9	E	
	NW	LTR	1.03	70.3	E	NW	LTR	1.04	73.6	E		NW	LTR	1.04	73.6	E	
Greenpoint Avenue (NE-SW) &	WB	LTR	0.65	24.3	C	WB	LTR	0.65	24.3	C		WB	LTR	0.65	24.3	C	
Queens Midtown Expressway (WB)	NE	LT	0.31	4.1	A	NE	LT	0.31	4.1	A		NE	LT	0.31	0.9	A	
	SW	TR	0.53	24.5	C	SW	TR	0.59	24.9	C		SW	TR	0.59	30.0	C	
Greenpoint Avenue (NE-SW) &	EB	LTR	0.96	50.5	D	EB	LTR	0.96	50.5	D		EB	LTR	0.96	50.5	D	
Borden Avenue (EB)	NE	T	0.62	51.1	D	NE	T	0.62	51.1	D		NE	T	0.62	51.1	D	
	NE	R	1.07	111.4	F	NE	R	1.07	111.4	F		NE	R	1.07	111.4	F	
	SW	L	0.97	65.2	E	SW	L	1.08	96.1	F	*	SW	L	1.08	102.6	F	*
	SW	T	0.86	33.5	C	SW	T	0.86	31.9	C		SW	T	0.86	38.2	D	
Unsignalized																	
36th Avenue (EB-WB) &	EB	LR	-	8.4	A	EB	LR	-	8.6	A		EB	LR	-	8.6	A	
41st Street (NB)	WB	LTR	-	9.2	A	WB	LTR	-	9.5	A		WB	LTR	-	9.5	A	
(All-Way Stop Controlled)	NB	LT	-	8.4	A	NB	LT	-	8.6	A		NB	LT	-	8.5	A	
Northern Boulevard (EB-WB) &	EB	L	0.02	11.2	B	EB	L	0.03	11.7	B		EB	L	0.03	11.7	B	
36th Avenue (NB-SB) & Driveway (NB)	WB	L	0.00	0.0	A	WB	L	0.00	0.0	A		WB	L	0.00	0.0	A	
	NB	LTR	0.01	11.3	B	NB	LTR	0.01	11.4	B		NB	LTR	0.01	11.4	B	
Northern Boulevard (EB-WB) &	EB	L	0.04	1.7	A	EB	L	0.05	2.0	A		EB	L	0.05	2.0	A	
Newtown Road (SB)	SB	R	0.07	12.9	B	SB	R	0.08	14.1	B		SB	R	0.08	14.1	B	
Hunters Point Avenue (WB) &	SB	R	0.04	12.8	B	SB	R	0.04	12.9	B		SB	R	0.04	12.9	B	
38th Street (SB)																	
Hunters Point Avenue (WB) &	SB	R	0.04	12.6	B	SB	R	0.04	12.7	B		SB	R	0.04	12.7	B	
39th Street (SB)																	

* Denotes a significant adverse impact.

Note: this table has been updated for the FEIS; changes from the DEIS are not shown in strikethrough/underline