

APPENDIX 16:

TRAFFIC

HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
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**APPENDIX TABLE 16-1
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
SIGNALIZED INTERSECTIONS													
VERNON BOULEVARD													
VERNON BOULEVARD & 48TH AVENUE													
Vernon Boulevard	NB	LT	0.51	20.1	C	LT	0.48	19.6	B	LT	0.39	18.2	B
	SB	TR	0.64	23.0	C	TR	0.52	20.1	C	TR	0.69	23.9	C
48th Avenue	EB	L	0.31	33.4	C	L	0.20	32.1	C	L	0.27	33.0	C
		R	0.29	33.8	C	R	0.30	34.9	C	R	0.15	31.7	C
	WB	LTR	0.82	51.3	D	LTR	0.58	39.9	D	LTR	0.74	46.6	D
Overall Intersection	-		0.61	29.7	C	-	0.48	24.3	C	-	0.61	27.3	C
VERNON BOULEVARD & 49TH AVENUE													
Vernon Boulevard	NB	LTR	0.52	10.8	B	LTR	0.48	10.3	B	LTR	0.36	9.0	A
	SB	LTR	0.89	25.8	C	LTR	0.45	10.0	A	LTR	0.66	13.1	B
49th Avenue	EB	LTR	0.15	15.0	B	LTR	0.12	14.6	B	LTR	0.12	14.6	B
Overall Intersection	-		0.61	19.1	B	-	0.34	10.5	B	-	0.45	11.8	B
VERNON BOULEVARD & 50TH AVENUE													
Vernon Boulevard	NB	TR	0.52	10.9	B	TR	0.51	10.8	B	TR	0.37	9.2	A
	SB	LT	0.62	13.2	B	LT	0.42	9.7	A	LT	0.55	11.4	B
50th Avenue	EB	LTR	0.51	22.1	C	LTR	0.45	20.0	B	LTR	0.27	16.8	B
Overall Intersection	-		0.58	13.8	B	-	0.49	12.2	B	-	0.45	11.2	B
VERNON BOULEVARD & 51ST AVENUE													
Vernon Boulevard	NB	LT	0.63	16.7	B	LT	0.52	14.7	B	LT	0.47	13.9	B
	SB	TR	0.60	16.3	B	TR	0.45	13.7	B	TR	0.56	15.0	B
51st Avenue	WB	LTR	0.47	13.2	B	LTR	0.54	14.0	B	LTR	0.42	12.6	B
Overall Intersection	-		0.55	15.2	B	-	0.53	14.1	B	-	0.49	13.7	B

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HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VERNON BOULEVARD & BORDEN AVENUE													
Vernon Boulevard	SB	L	0.87	29.7	C	L	0.80	24.0	C	L	0.84	25.4	C
		LR	0.55	16.1	B	LR	0.46	14.4	B	LR	0.46	14.2	B
Borden Avenue	EB	LT	0.35	12.7	B	LT	0.35	12.7	B	LT	0.42	13.5	B
	WB	T	0.18	10.9	B	T	0.33	12.3	B	T	0.18	10.9	B
Overall Intersection	-		0.61	20.4	C	-	0.58	17.4	B	-	0.63	18.5	B
VERNON BOULEVARD & 44TH DRIVE													
Vernon Boulevard	NB	LTR	0.38	7.7	A	LTR	0.46	8.6	A	LTR	0.46	8.6	A
	SB	LTR	0.86	19.8	B	LTR	0.79	16.2	B	LTR	0.94	28.5	C
44th Drive	EB	LTR	0.22	17.7	B	LTR	0.43	20.1	C	LTR	0.24	17.8	B
	WB	LTR	0.31	17.9	B	LTR	0.39	18.9	B	DefL	0.38	19.9	B
	-	-	-	-	-	-	-	-	-	TR	0.34	19.4	B
Overall Intersection	-		0.68	16.2	B	-	0.67	15.1	B	-	0.76	21.1	C
JACKSON AVENUE/NORTHERN BOULEVARD													
JACKSON AVENUE & 50TH AVENUE													
Jackson Avenue	NB	TR	0.16	10.4	B	TR	0.18	10.5	B	TR	0.17	10.4	B
	SB	LT	0.26	11.2	B	LT	0.30	11.6	B	LT	0.24	11.0	B
50th Avenue	EB	LTR	0.53	38.0	D	LTR	0.38	34.3	C	LTR	0.33	33.4	C
	WB	L	0.24	32.7	C	L	0.31	34.0	C	L	0.25	32.5	C
50th Avenue WB Right (Unsignalized)	WB	R	-	10.2	B	R	-	10.5	B	R	-	10.4	B
Overall Intersection	-		0.35	18.5	B	-	0.33	16.9	B	-	0.27	16.0	B
JACKSON AVENUE & 49TH AVENUE													
49th Avenue	SB	LTR	0.38	29.0	C	LTR	0.32	27.8	C	LTR	0.28	27.0	C
Jackson Avenue	EB	TR	0.63	43.4	D	TR	0.61	43.0	D	TR	0.62	43.0	D
	WB	LT	0.30	16.4	B	LT	0.30	16.5	B	LT	0.27	16.1	B
Overall Intersection	-		0.51	29.5	C	-	0.49	29.1	C	-	0.45	29.6	C

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2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)													
11th Street (Pulaski Bridge)	NB	LT	1.05	77.3	E	LT	0.68	34.2	C	LT	0.85	41.6	D
		R	0.95	61.1	E	R	0.65	36.2	D	R	0.68	36.9	D
Jackson Avenue	SB	LTR	0.54	28.6	C	LTR	0.43	28.9	C	LTR	0.58	29.1	C
	EB	LT	0.39	30.6	C	LT	0.39	30.5	C	LT	0.35	29.9	C
	WB	DefL	0.93	48.9	D	DefL	0.91	46.5	D	DefL	1.05	65.9	E
		T	0.37	17.8	B	T	0.43	18.9	B	T	0.42	18.5	B
11th Street Service Road	NB	R	1.05	102.6	F	R	0.83	59.6	E	R	0.56	45.1	D
Overall Intersection	-	0.97	57.4	E	-	0.79	36.5	D	-	0.97	42.6	D	
JACKSON AVENUE & 21ST STREET													
21st Street	NB	LTR	0.78	39.1	D	LTR	0.67	34.8	C	LTR	0.95	62.8	E
	SB	LTR	0.58	32.5	C	LTR	0.54	31.1	C	LTR	1.05	84.3	F
Jackson Avenue	EB	L	0.67	28.5	C	L	0.56	24.4	C	L	0.71	26.4	C
		TR	0.38	16.5	B	TR	0.33	15.8	B	TR	0.28	11.3	B
	WB	L	0.31	17.0	B	L	0.35	17.8	B	L	0.35	13.4	B
		TR	0.41	16.8	B	TR	0.47	17.6	B	TR	0.49	13.8	B
Overall Intersection	-	0.72	25.2	C	-	0.60	23.7	C	-	0.82	39.6	D	
JACKSON AVENUE & THOMSON AVENUE													
Jackson Avenue	NB	TR	0.40	12.7	B	TR	0.43	13.1	B	TR	0.44	15.1	B
	SB	LT	0.35	12.0	B	LT	0.29	11.4	B	LT	0.34	13.8	B
Thomson Avenue	WB	L	0.45	35.3	D	L	0.43	34.9	C	L	0.39	31.4	C
		R	0.07	29.6	C	R	0.13	30.4	C	R	0.10	27.2	C
Overall Intersection	-	0.42	16.0	B	-	0.43	16.1	B	-	0.42	17.0	B	
JACKSON AVENUE & 44TH DRIVE													
Jackson Avenue	NB	LTR	0.38	13.5	B	LTR	0.46	9.0	A	LTR	0.33	12.8	B
	SB	DefL	1.05	65.7	E	-	-	-	-	-	-	-	-
44th Drive		TR	0.99	38.3	D	LTR	0.76	14.1	B	LTR	0.77	14.3	B
	EB	-	-	-	-	DefL	0.53	37.6	D	-	-	-	-
		LTR	0.60	36.9	D	TR	0.38	32.6	C	LTR	0.56	35.6	D
	WB	LTR	0.54	35.1	D	LTR	0.31	31.1	C	LTR	0.37	31.9	C
Overall Intersection	-	0.89	37.1	D	-	0.68	18.4	B	-	0.69	20.7	C	

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD													
Jackson Ave - Northern Blvd	NB	TR	0.75	52.5	D	TR	0.77	51.3	D	TR	0.99	72.8	E
	SB	LTR	0.78	45.6	D	LTR	0.59	39.5	D	LTR	0.68	41.7	D
Queens Boulevard	EB	T	0.51	19.1	B	T	0.54	19.1	B	T	0.57	19.5	B
	WB	LTR	1.04	98.0	F	LTR	0.59	13.7	B	LTR	0.95	88.7	F
Overall Intersection	-		1.03	61.8	E	-	0.71	24.9	C	-	0.96	55.7	E
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE													
Northern Boulevard	NB	DefL	0.70	58.4	E	-	-	-	-	-	-	-	-
		TR	0.47	28.2	C	LTR	0.71	26.5	C	LTR	0.71	40.1	D
	SB	LT	0.84	54.5	D	LT	0.53	30.2	C	LT	0.64	46.9	D
		R	0.98	53.0	D	R	0.64	13.2	B	R	0.75	23.5	C
Queens Plaza North/41st Avenue	EB	L	0.77	45.0	D	L	0.88	47.2	D	L	0.83	40.0	D
		LTR	0.75	43.7	D	LTR	0.89	47.5	D	LTR	0.82	39.3	D
	WB	LTR	0.16	44.0	D	LTR	0.18	33.8	C	LTR	0.15	44.1	D
Overall Intersection	-		0.97	47.3	D	-	0.80	28.5	C	-	0.76	35.0	D
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE													
31st Street	SB	LTR	0.70	53.7	D	LTR	0.46	43.3	D	LTR	0.59	45.5	D
Northern Boulevard	EB	L	0.71	54.8	D	L	0.85	65.4	E	L	0.66	52.4	D
		T	0.31	6.8	A	T	0.34	6.9	A	T	0.55	8.8	A
	WB	TR	0.78	22.5	C	TR	0.34	7.0	A	TR	0.43	7.7	A
Overall Intersection	-		0.76	23.0	C	-	0.46	16.4	B	-	0.57	14.5	B
21ST STREET													
21ST STREET & QUEENS PLAZA NORTH													
21st Street	NB	LT	0.43	13.3	B	LT	1.05	68.4	E	LT	0.94	26.9	C
	SB	TR	0.86	14.4	B	TR	0.71	28.4	C	TR	0.45	17.3	B
Queens Plaza North	WB	LTR	0.68	39.4	D	LTR	0.25	20.2	C	LTR	0.50	30.0	C
Overall Intersection	-		0.80	19.4	B	-	0.65	47.6	D	-	0.76	24.9	C

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
21ST STREET & QUEENS PLAZA SOUTH													
21st Street	NB	LTR	0.33	12.0	B	LTR	0.76	7.6	A	LTR	0.79	4.4	A
	SB	LTR	0.86	15.3	B	LTR	0.49	11.0	B	LTR	0.51	7.1	A
Queens Plaza South	EB	LTR	0.58	38.6	D	LTR	0.61	46.2	D	LTR	0.83	64.7	E
Overall Intersection	-		0.77	17.5	B	-	0.72	12.0	B	-	0.80	11.2	B
21ST STREET & 44TH DRIVE													
21st Street	NB	LTR	0.68	18.7	B	LTR	0.53	9.2	A	LTR	0.64	17.5	B
	SB	LTR	0.64	17.9	B	LTR	0.73	13.3	B	LTR	0.93	33.7	C
44th Drive	EB	LTR	0.72	43.0	D	LTR	0.49	36.0	D	LTR	0.55	36.9	D
	WB	LTR	0.61	38.3	D	LTR	0.63	39.1	D	LTR	0.44	34.8	C
Overall Intersection	-		0.69	27.5	C	-	0.70	21.7	C	-	0.80	30.0	C
<u>VAN DAM STREET</u>													
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD													
Van Dam Street	NB	L	1.05	103.1	F	L	1.05	87.4	F	L	1.05	102.4	F
		TR	0.98	86.1	F	TR	1.00	76.0	E	TR	1.01	90.0	F
Queens Boulevard (to Queens Boulevard.)	EB	T	0.99	83.1	F	T	0.59	29.2	C	T	1.05	81.9	F
Queens Boulevard (to Van Dam Street)		T	0.90	70.6	E	T	0.76	48.0	D	T	0.71	58.6	E
Queens Boulevard (to Thomson Avenue WB)		R	0.08	47.8	D	R	0.07	35.5	D	R	0.07	46.7	D
Thomson Avenue	EB	T	0.16	14.3	B	T	0.57	21.0	C	T	1.04	61.7	E
		R	0.77	31.5	C	R	1.05	71.9	E	R	0.79	31.9	C
Queens Boulevard (to Thomson Avenue WB)	WB	L	1.05	79.5	E	L	0.74	56.4	E	L	0.40	57.7	E
Queens Boulevard (to Viaduct)		TR	0.47	11.8	B	TR	0.30	9.0	A	TR	0.31	8.9	A
Overall Intersection	-		0.86	62.9	E	-	1.05	47.0	D	-	1.05	62.0	E

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INTERSECTION & APPROACH	<u>AM (7:45 - 8:45 AM)</u>					<u>Midday (1:00 - 2:00 PM)</u>				<u>PM (4:45 - 5:45 PM)</u>			
	Control					Control				Control			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
VAN DAM STREET & LIE EXIT RAMP													
Van Dam Street	NB	LT	0.39	22.2	C	LT	0.22	15.7	B	LT	0.28	20.7	C
	SB	TR	0.80	31.2	C	TR	0.98	60.8	E	TR	1.03	61.0	E
LIE Exit Ramp	WB	TR	0.93	52.4	D	TR	0.92	30.4	C	TR	0.70	27.4	C
Overall Intersection	-		0.86	41.6	D	-	0.95	40.8	D	-	0.87	42.1	D
VAN DAM STREET & BORDEN AVENUE													
Van Dam Street	NB	TR	0.60	41.9	D	TR	0.64	39.7	D	TR	0.47	39.0	D
	SB	DefL	0.79	36.1	D	DefL	0.74	21.6	C	DefL	1.05	71.0	E
		T	0.28	14.5	B	T	0.21	10.5	B	T	0.63	20.6	C
Borden Avenue	EB	LTR	0.37	29.3	C	LTR	0.46	24.6	C	LTR	0.93	47.7	D
Overall Intersection	-		0.67	33.2	C	-	0.66	24.0	C	-	1.08	51.7	D
<u>11TH STREET</u>													
11TH STREET & 44TH DRIVE													
11th Street	NB	LTR	0.63	13.5	B	LTR	0.48	11.4	B	LTR	0.44	10.9	B
	SB	LTR	0.54	12.8	B	LTR	0.31	9.9	A	LTR	0.51	12.2	B
44th Drive	EB	LTR	0.49	28.5	C	LTR	0.54	29.4	C	LTR	0.62	31.0	C
	WB	LTR	0.60	30.9	C	LTR	0.54	29.5	C	LTR	0.73	35.0	C
Overall Intersection	-		0.62	18.3	B	-	0.50	18.2	B	-	0.58	20.0	B
<u>UNSIGNALIZED INTERSECTIONS</u>													
<u>CENTER BOULEVARD</u>													
CENTER BOULEVARD & 48TH AVENUE													
Center Boulevard	SB	LT	-	9.8	A	LT	-	10.0	A	LT	-	9.3	A
		T	-	10.1	B	T	-	9.8	A	T	-	9.7	A
48th Avenue	WB	L	-	10.8	B	L	-	10.7	B	L	-	10.3	B
		R	-	10.4	B	R	-	9.4	A	R	-	9.4	A
Overall Intersection	-		-	6.5	A	-	-	7.5	A	-	-	6.7	A

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
CENTER BOULEVARD & 49TH AVENUE													
Center Boulevard	SB	LT	-	7.7	A	LT	-	7.7	A	LT	-	7.5	A
49th Avenue	WB	LR	-	11.3	B	LR	-	10.4	B	LR	-	10.1	B
Overall Intersection	-	-	4.3	A	-	-	2.7	A	-	-	2.9	A	
CENTER BOULEVARD & 50TH AVENUE													
Center Boulevard	SB	L	FREEFLOW	A	L	FREEFLOW	A	L	FREEFLOW	A	L	FREEFLOW	A
50th Avenue	WB	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A
Overall Intersection	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A	
<u>2ND STREET</u>													
2ND STREET & 50TH AVENUE													
2nd Street	NB	LR	-	11.0	B	LR	-	10.2	B	LR	-	10.1	B
Overall Intersection	-	-	6.7	A	-	-	5.2	A	-	-	5.6	A	
2ND STREET & 51ST AVENUE													
2nd Street	SB	LT	-	7.4	A	LT	-	7.6	A	LT	-	7.4	A
51st Avenue	WB	LR	-	9.3	A	LR	-	9.1	A	LR	-	9.3	A
Overall Intersection	-	-	4.7	A	-	-	3.4	A	-	-	3.2	A	
2ND STREET & BORDEN AVENUE													
2nd Street	SB	LT	-	7.7	A	LT	-	7.8	A	LT	-	7.7	A
Borden Avenue	WB	LR	-	10.6	B	LR	-	10.8	B	LR	-	10.0	A
Overall Intersection	-	-	6.2	A	-	-	6.0	A	-	-	4.8	A	

**APPENDIX TABLE 16-1
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
2ND STREET & 54TH AVENUE													
2nd Street	SB	LT	-	7.5	A	LT	-	7.7	A	LT	-	8.0	A
54th Avenue	WB	LR	-	9.3	A	LR	-	9.8	A	LR	-	9.3	A
Overall Intersection	-	-	4.3	A	-	-	5.6	A	-	-	6.0	A	
5TH STREET													
5TH STREET & 48TH AVENUE													
5th Street	NB	LTR	-	8.2	A	LTR	-	7.8	A	LTR	-	7.7	A
	SB	LTR	-	7.8	A	LTR	-	7.9	A	LTR	-	7.7	A
48th Avenue	EB	LT	-	8.5	A	LT	-	8.2	A	LT	-	8.1	A
		TR	-	8.1	A	TR	-	7.8	A	TR	-	7.6	A
	WB	LT	-	9.2	A	LT	-	8.7	A	LT	-	8.3	A
		TR	-	8.1	A	TR	-	7.9	A	TR	-	7.7	A
Overall Intersection	-	-	8.4	A	-	-	8.1	A	-	-	7.9	A	
5TH STREET & 49TH AVENUE													
5th Street	NB	LTR	-	7.7	A	LTR	-	7.6	A	LTR	-	7.6	A
	SB	LTR	-	7.6	A	LTR	-	7.7	A	LTR	-	7.5	A
49th Avenue	EB	LTR	-	11.6	B	LTR	-	10.5	B	LTR	-	11.6	B
	WB	LTR	-	12.1	B	LTR	-	11.1	B	LTR	-	11.6	B
Overall Intersection	-	-	4.4	A	-	-	4.7	A	-	-	4.5	A	
5TH STREET & 50TH AVENUE													
5th Street	SB	LT	-	7.6	A	LT	-	7.6	A	LT	-	7.4	A
50th Avenue	EB	LTR	-	12.5	B	LTR	-	12.1	B	LTR	-	11.0	B
Overall Intersection	-	-	5.4	A	-	-	4.3	A	-	-	3.9	A	

**APPENDIX TABLE 16-1
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	<u>AM (7:45 - 8:45 AM)</u>				<u>Midday (1:00 - 2:00 PM)</u>				<u>PM (4:45 - 5:45 PM)</u>				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
5TH STREET & 51ST AVENUE													
5th Street	NB	LT	-	7.7	A	LT	-	7.8	A	LT	-	7.4	A
51st Avenue	EB	LR	-	10.3	B	LR	-	9.7	A	LR	-	9.4	A
	WB	LTR	-	10.8	B	LTR	-	10.7	B	LTR	-	10.0	A
Overall Intersection	-	-	-	6.1	A	-	-	6.3	A	-	-	4.6	A
5TH STREET & BORDEN AVENUE													
5th Street	SB	LR	-	10.9	B	LR	-	10.7	B	LR	-	10.6	B
Borden Avenue	EB	L	-	7.7	A	L	-	7.6	A	L	-	7.5	A
Overall Intersection	-	-	-	3.5	A	-	-	3.8	A	-	-	3.1	A
11TH STREET/11TH PLACE													
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP													
11th Street	NB	LTR	-	43.2	D	LTR	-	29.1	C	LTR	-	35.4	D
	SB	LTR	-	29.1	C	LTR	-	24.3	C	LTR	-	27.4	C
Borden Avenue	EB	LTR	-	18.0	B	LTR	-	13.1	B	LTR	-	13.7	B
	WB	LTR	-	7.5	A	LTR	-	7.6	A	LTR	-	7.8	A
Overall Intersection	-	-	-	10.6	B	-	-	10.5	B	-	-	10.0	A
11TH PLACE & 50TH AVENUE													
11th Place	SB	TR	-	15.8	B	TR	-	11.7	B	TR	-	12.0	B
50th Avenue	WB	LT	-	7.7	A	LT	-	7.7	A	LT	-	7.6	A
Overall Intersection	-	-	-	6.9	A	-	-	4.9	A	-	-	4.8	A
11TH STREET SERVICE ROAD & 49TH AVENUE													
11th Street Service Road	NB	R	-	11.0	B	R	-	9.3	A	R	-	9.8	A
49th Avenue	WB	R	-	10.3	B	R	-	9.6	A	R	-	9.2	A
Overall Intersection	-	-	-	2.4	A	-	-	2.1	A	-	-	2.1	A

**APPENDIX TABLE 16-1
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	<u>AM (7:45 - 8:45 AM)</u>				<u>Midday (1:00 - 2:00 PM)</u>				<u>PM (4:45 - 5:45 PM)</u>				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
11TH STREET & QUEENS PLAZA SOUTH													
11th Street	NB	LTR	-	14.5	B	LTR	-	13.6	B	LTR	-	12.7	B
Queens Plaza South	EB	LT	-	13.0	B	LT	-	11.6	B	LT	-	11.7	B
		TR	-	10.2	B	TR	-	9.2	A	TR	-	9.3	A
	WB	LT	-	11.3	B	LT	-	10.2	B	LT	-	10.6	B
		TR	-	9.1	A	TR	-	9.3	A	TR	-	9.1	A
Overall Intersection	-	-	-	12.7	B	-	-	12.0	B	-	-	11.4	B
OTHER UNSIGNALIZED INTERSECTION													
21ST STREET & 50TH AVENUE													
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A	LT	FREEFLOW	A	LT	FREEFLOW	A
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A
Overall Intersection	-	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A
JACKSON AVENUE & 51ST AVENUE													
Jackson Avenue	NB	T	-	8.9	A	T	-	9.3	A	T	-	9.1	A
51st Avenue	WB	TR	-	12.3	B	TR	-	14.0	B	TR	-	11.3	B
Overall Intersection	-	-	-	3.9	A	-	-	4.6	A	-	-	4.6	A
VERNON BOULEVARD & QUEENS PLAZA SOUTH													
Vernon Boulevard	SB	LT	-	9.7	A	LT	-	9.1	A	LT	-	9.6	A
Queens Plaza South	WB	L	-	34.5	C	L	-	31.8	C	L	-	31.8	C
		R	-	12.9	B	R	-	13.0	B	R	-	17.6	B
Overall Intersection	-	-	-	3.6	A	-	-	3.4	A	-	-	4.4	A

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
SIGNALIZED INTERSECTIONS													
VERNON BOULEVARD													
VERNON BOULEVARD & 48TH AVENUE													
Vernon Boulevard	NB	LT	0.74	25.1	C	LT	0.67	23.0	C	LT	0.77	26.9	C
	SB	TR	0.90	35.9	D	TR	0.67	22.6	C	TR	0.94	39.0	D
48th Avenue	EB	L	0.41	35.1	D	L	0.28	33.8	C	L	0.41	36.4	D
		R	0.31	34.3	C	R	0.40	39.3	D	R	0.24	34.4	C
	WB	LTR	0.90	60.7	E	LTR	0.77	50.4	D	LTR	1.02	90.0	F
Overall Intersection	-	0.79	36.6	D	-	0.63	28.1	C	-	0.84	43.2	D	
VERNON BOULEVARD & 49TH AVENUE													
Vernon Boulevard	NB	LTR	0.78	17.3	B	LTR	0.68	14.4	B	LTR	0.63	13.0	B
	SB	LTR	1.20+	120+	F*	LTR	0.63	13.1	B	LTR	0.96	32.7	C
49th Avenue	EB	LTR	0.19	15.9	B	LTR	0.17	15.7	B	LTR	0.16	15.6	B
Overall Intersection	-	0.90	102.8	F	-	0.49	13.9	B	-	0.65	24.1	C	
VERNON BOULEVARD & 50TH AVENUE													
Vernon Boulevard	NB	TR	0.75	16.5	B	TR	0.72	15.6	B	TR	0.64	13.4	B
	SB	LT	0.93	31.2	C	LT	0.58	12.5	B	LT	0.84	20.2	C
50th Avenue	EB	LTR	0.65	27.9	C	LTR	0.64	27.9	C	LTR	0.39	19.8	B
Overall Intersection	-	0.82	24.4	C	-	0.69	16.7	B	-	0.67	17.4	B	
VERNON BOULEVARD & 51ST AVENUE													
Vernon Boulevard	NB	LT	0.93	34.6	C	LT	0.74	20.8	C	LT	0.90	31.5	C
	SB	TR	0.88	29.6	C	TR	0.63	17.3	B	TR	0.85	25.0	C
51st Avenue	WB	LTR	0.55	14.7	B	LTR	0.61	15.4	B	LTR	0.48	13.8	B
Overall Intersection	-	0.74	25.8	C	-	0.68	17.5	B	-	0.69	23.1	C	

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VERNON BOULEVARD & BORDEN AVENUE													
Vernon Boulevard	SB	L	1.10	82.1	F	L	0.97	44.7	D	L	1.07	70.1	E
		LR	0.67	19.3	B	LR	0.55	16.5	B	LR	0.59	16.9	B
Borden Avenue	EB	LT	0.81	22.9	C	LT	0.57	16.5	B	LT	0.90	34.3	C
	WB	T	0.27	12.1	B	T	0.49	14.6	B	T	0.57	15.5	B
Overall Intersection	-	0.95	41.2	D	-	0.77	25.8	C	-	0.98	38.6	D	
VERNON BOULEVARD & 44TH DRIVE													
Vernon Boulevard	NB	LTR	0.62	11.2	B	LTR	0.72	13.8	B	LTR	0.80	16.5	B
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.32	20.5	C	LTR	0.54	23.3	C	LTR	0.31	19.7	B
	WB	LTR	0.67	26.1	C	LTR	0.71	26.6	C	LTR	0.84	33.7	C
Overall Intersection	-	1.11	88.6	F	-	1.07	65.5	E	-	1.20+	120+	F*	
JACKSON AVENUE/NORTHERN BOULEVARD													
JACKSON AVENUE & 50TH AVENUE													
Jackson Avenue	NB	TR	0.18	10.5	B	TR	0.20	10.7	B	TR	0.19	10.6	B
	SB	LT	0.28	11.4	B	LT	0.33	11.9	B	LT	0.27	11.3	B
50th Avenue	EB	LTR	0.66	42.3	D	LTR	0.44	35.5	D	LTR	0.39	34.5	C
	WB	L	0.35	35.1	D	L	0.35	35.0	D	L	0.30	33.6	C
50th Avenue WB Right (Unsignalized)	WB	R	-	10.7	B	R	-	10.9	B	R	-	10.8	B
Overall Intersection	-	0.41	20.5	C	-	0.37	17.6	B	-	0.31	16.6	B	
JACKSON AVENUE & 49TH AVENUE													
49th Avenue	SB	LTR	0.41	29.6	C	LTR	0.36	28.6	C	LTR	0.30	27.3	C
Jackson Avenue	EB	TR	0.71	45.7	D	TR	0.67	44.6	D	TR	0.69	44.8	D
	WB	LT	0.33	16.9	B	LT	0.34	16.9	B	LT	0.31	16.6	B
Overall Intersection	-	0.57	30.9	C	-	0.54	30.0	C	-	0.50	30.5	C	

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)													
11th Street (Pulaski Bridge)	NB	LT	1.20+	120+	F*	LT	0.82	39.9	D	LT	1.16	119.4	F
		R	1.12	111.4	F	R	0.81	45.0	D	R	0.84	46.0	D
Jackson Avenue	SB	LTR	0.71	32.5	C	LTR	0.52	30.6	C	LTR	0.74	33.2	C
	EB	LT	0.47	31.8	C	LT	0.47	31.7	C	LT	0.48	31.9	C
	WB	DefL	1.10	97.1	F	DefL	1.06	85.4	F	DefL	1.16	107.5	F
		T	0.40	18.3	B	T	0.47	19.6	B	T	0.47	19.5	B
11th Street Service Road	NB	R	1.20+	120+	F*	R	0.89	65.5	E	R	0.60	46.5	D
Overall Intersection	-	1.20	109.1	F	-	0.99	47.0	D	-	1.16	72.9	E	
JACKSON AVENUE & 21ST STREET													
21st Street	NB	LTR	0.84	39.3	D	LTR	1.05	86.2	F	LTR	1.18	120+	F*
	SB	LTR	0.58	28.9	C	LTR	0.73	40.3	D	LTR	1.12	105.0	F
Jackson Avenue	EB	L	0.98	83.0	F	L	0.71	24.2	C	L	0.87	40.9	D
		TR	0.78	39.4	D	TR	0.52	24.8	C	TR	0.50	26.2	C
	WB	L	0.51	23.7	C	L	0.43	15.2	B	L	0.46	15.8	B
		TR	0.79	39.7	D	TR	0.71	29.2	C	TR	0.88	38.8	D
Overall Intersection	-	0.91	40.8	D	-	0.87	40.9	D	-	1.01	68.7	E	
JACKSON AVENUE & THOMSON AVENUE													
Jackson Avenue	NB	TR	0.57	18.9	B	TR	0.61	21.8	C	TR	0.55	20.1	C
	SB	L	0.26	16.0	B	L	0.15	16.2	B	L	0.18	16.3	B
		T	0.49	17.4	B	T	0.47	19.3	B	T	0.52	19.5	B
Thomson Avenue	WB	L	0.45	30.5	C	L	0.42	27.3	C	L	0.52	29.9	C
		R	0.10	25.3	C	R	0.24	25.2	C	R	0.10	23.4	C
Overall Intersection	-	0.52	19.9	B	-	0.53	21.7	C	-	0.54	21.5	C	

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
JACKSON AVENUE & 44TH DRIVE													
Jackson Avenue	NB	L	0.15	34.5	C	L	0.19	12.2	B	L	0.15	25.9	C
		TR	0.87	51.4	D	TR	0.87	21.3	C	TR	0.48	29.6	C
44th Drive	SB	L	1.03	69.1	E	L	0.55	18.9	B	L	0.53	16.6	B
		TR	0.53	8.3	A	TR	0.47	3.9	A	TR	0.52	10.0	A
	EB	-	-	-	-	DefL	1.20+	120+	F*	-	-	-	-
		LTR	1.12	115.7	F	TR	0.75	51.1	D	LTR	0.97	62.1	E
	WB	LTR	1.19	120+	F*	LTR	1.11	113.1	F	LTR	0.76	40.4	D
Overall Intersection	-	1.12	73.3	E	-	1.12	59.9	E	-	0.76	31.6	C	
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD													
Jackson Ave - Northern Blvd	NB	TR	0.51	30.5	C	TR	0.57	32.3	C	TR	0.62	27.3	C
		SB	T	0.64	33.1	C	T	0.38	29.2	C	T	0.37	20.1
Queens Boulevard	EB	T	0.53	17.7	B	T	0.60	18.3	B	T	0.79	28.1	C
		WB	TR	1.20+	120+	F*	TR	0.62	18.8	B	TR	1.15	120+
Overall Intersection	-	0.96	89.8	F	-	0.60	22.6	C	-	0.88	77.8	E	
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE													
Northern Boulevard	NB	DefL	1.10	120+	F*	-	-	-	-	-	-	-	-
		TR	0.63	31.2	C	LTR	0.70	25.2	C	LTR	1.08	89.9	F
	SB	LT	1.17	120+	F*	LT	0.69	33.5	C	LT	0.86	57.5	E
Queens Plaza North/41st Avenue		R	1.14	116.2	F	R	0.73	15.1	B	R	0.86	29.0	C
	EB	L	0.85	45.4	D	L	0.98	53.1	D	L	0.91	41.7	D
		WB	LTR	0.06	42.2	D	LTR	0.06	31.7	C	LTR	0.06	42.2
Overall Intersection	-	1.13	102.4	F	-	0.80	30.2	C	-	0.78	52.8	D	
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE													
31st Street	SB	LTR	1.11	118.4	F	LTR	0.68	47.8	D	LTR	0.81	52.4	D
Northern Boulevard	EB	L	1.20+	120+	F*	L	1.20+	120+	F*	L	1.20+	120+	F*
		T	0.38	7.2	A	T	0.41	7.5	A	T	0.66	10.4	B
		WB	TR	0.92	29.1	C	TR	0.42	7.5	A	TR	0.51	8.4
Overall Intersection	-	1.20+	120+	F*	-	0.93	100.7	F	-	1.20+	120+	F*	

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HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
21ST STREET													
21ST STREET & QUEENS PLAZA NORTH													
21st Street	NB	LT	0.61	16.4	B	LT	1.20+	120+	F*	LT	1.20+	119.4	F
	SB	TR	0.96	22.3	C	TR	0.83	33.0	C	TR	0.53	18.6	B
Queens Plaza North	WB	LTR	1.20+	120+	F*	LTR	0.60	27.6	C	LTR	1.16	120+	F*
Overall Intersection	-		1.20+	95.2	F	-	1.00	120+	F*	-	1.19	92.7	F
21ST STREET & QUEENS PLAZA SOUTH													
21st Street	NB	LTR	0.43	13.2	B	LTR	0.93	14.7	B	LTR	0.95	11.5	B
	SB	LTR	1.13	76.3	E	LTR	0.70	15.2	B	LTR	0.67	9.6	A
Queens Plaza South	EB	L	0.27	32.3	C	L	0.30	38.1	D	L	0.52	50.8	D
		TR	0.45	35.9	D	TR	0.39	39.6	D	TR	0.80	64.2	E
Overall Intersection	-		0.90	56.4	E	-	0.78	17.2	B	-	0.92	16.3	B
21ST STREET & 44TH DRIVE													
21st Street	NB	LTR	0.86	27.8	C	LTR	0.68	11.8	B	LTR	0.82	24.5	C
	SB	LTR	1.20+	120+	F*	LTR	1.01	43.3	D	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.95	64.6	E	LTR	0.68	41.7	D	LTR	0.80	46.7	D
	WB	LTR	0.77	44.2	D	LTR	0.94	59.6	E	LTR	0.89	54.9	D
Overall Intersection	-		1.12	68.8	E	-	0.99	38.9	D	-	1.11	75.7	E
VAN DAM STREET													
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD													
Van Dam Street	NB	L	1.20+	120+	F*	L	1.20+	120+	F*	L	1.20+	120+	F*
		TR	1.06	107.8	F	TR	1.10	107.6	F	TR	1.11	120+	F*
Queens Boulevard (to Queens Boulevard.)	EB	T	1.09	113.5	F	T	0.66	30.9	C	T	1.20	120+	F*
Queens Boulevard (to Van Dam Street)		T	1.03	96.8	F	T	0.93	61.3	E	T	1.08	111.1	F
Queens Boulevard (to Thomson Avenue WB)		R	0.09	47.9	D	R	0.08	35.5	D	R	0.07	46.7	D
Thomson Avenue	EB	T	0.23	15.0	B	T	0.65	22.6	C	T	1.15	102.2	F
		R	1.01	68.5	E	R	1.19	120+	F*	R	1.00	62.8	E
Queens Boulevard (to Thomson Avenue WB)	WB	L	1.19	120+	F*	L	0.94	70.3	E	L	0.60	62.0	E
Queens Boulevard (to Viaduct)		TR	0.50	12.2	B	TR	0.32	9.1	A	TR	0.34	9.1	A
Overall Intersection	-		1.17	105.7	F	-	1.20+	71.1	E	-	1.20+	105.4	F

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
VAN DAM STREET & LIE EXIT RAMP													
Van Dam Street	NB	LT	0.42	22.6	C	LT	0.23	15.8	B	LT	0.35	21.6	C
	SB	TR	0.94	42.0	D	TR	1.14	120+	F*	TR	1.20+	120+	F*
LIE Exit Ramp	WB	TR	1.20	120+	F*	TR	1.17	107.8	F	TR	1.08	73.8	E
Overall Intersection	-		1.07	119.2	F	-	1.16	107.6	F	-	1.20+	117.9	F
VAN DAM STREET & BORDEN AVENUE													
Van Dam Street	NB	TR	0.63	42.6	D	TR	0.67	40.5	D	TR	0.50	39.4	D
	SB	DefL	0.97	52.1	D	DefL	0.88	27.1	C	DefL	1.20+	120+	F*
		T	0.30	14.7	B	T	0.22	10.6	B	T	0.66	21.6	C
Borden Avenue	EB	LTR	0.54	32.1	C	LTR	0.59	26.6	C	LTR	1.13	104.0	F
Overall Intersection	-		0.81	41.3	D	-	0.78	27.4	C	-	1.20+	120+	F*
11TH STREET													
11TH STREET & 44TH DRIVE													
11th Street	NB	LTR	0.73	15.5	B	LTR	0.56	12.5	B	LTR	0.55	12.3	B
	SB	LTR	0.60	14.0	B	LTR	0.36	10.4	B	LTR	0.57	13.3	B
44th Drive	EB	LTR	0.64	31.4	C	LTR	0.72	33.3	C	LTR	0.91	45.8	D
	WB	LTR	0.80	38.0	D	LTR	0.77	35.9	D	LTR	1.06	82.6	F
Overall Intersection	-		0.75	21.6	C	-	0.63	21.6	C	-	0.74	35.7	D
UNSIGNALIZED INTERSECTIONS													
CENTER BOULEVARD													
CENTER BOULEVARD & 48TH AVENUE													
Center Boulevard	SB	LT	-	12.3	B	LT	-	120+	F*	LT	-	28.0	D
		T	-	12.3	B	T	-	120+	F*	T	-	25.3	D
48th Avenue	WB	L	-	17.7	C	L	-	120+	F*	L	-	120+	F*
		R	-	12.8	B	R	-	120+	F*	R	-	45.4	E
Overall Intersection	-		-	9.7	A	-	-	120+	F*	-	-	50.5	E

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
CENTER BOULEVARD & 49TH AVENUE													
Center Boulevard	SB	LT	-	7.9	A	LT	-	16.0	C	LT	-	10.3	B
49th Avenue	WB	LR	-	13.6	B	LR	-	80.1	F	LR	-	29.1	D
Overall Intersection	-	-	3.3	A	-	-	12.5	B	-	-	3.6	A	
CENTER BOULEVARD & 50TH AVENUE													
Center Boulevard	SB	L	FREEFLOW	A	L	FREEFLOW	A	L	FREEFLOW	A	L	FREEFLOW	A
50th Avenue	WB	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A
Overall Intersection	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A	
2ND STREET													
2ND STREET & 50TH AVENUE													
2nd Street	NB	LR	-	13.5	B	LR	-	11.0	B	LR	-	14.5	B
50th Avenue	EB	TR	-	-	-	TR	-	-	-	TR	-	-	-
Overall Intersection	-	-	6.4	A	-	-	5.6	A	-	-	8.8	A	
2ND STREET & 51ST AVENUE													
2nd Street	SB	LT	-	7.4	A	LT	-	7.7	A	LT	-	7.6	A
51st Avenue	WB	LR	-	10.3	B	LR	-	9.7	A	LR	-	10.5	B
Overall Intersection	-	-	3.7	A	-	-	2.8	A	-	-	2.3	A	
2ND STREET & BORDEN AVENUE													
2nd Street	SB	LT	-	7.8	A	LT	-	7.7	A	LT	-	7.7	A
Borden Avenue	WB	LR	-	13.6	B	LR	-	11.9	B	LR	-	11.0	B
Overall Intersection	-	-	8.0	A	-	-	7.0	A	-	-	6.5	A	

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	<u>AM (7:45 - 8:45 AM)</u>				<u>Midday (1:00 - 2:00 PM)</u>				<u>PM (4:45 - 5:45 PM)</u>				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
2ND STREET & 54TH AVENUE													
2nd Street	SB	LT	-	7.5	A	LT	-	7.7	A	LT	-	8.0	A
54th Avenue	WB	LR	-	9.4	A	LR	-	9.9	A	LR	-	9.4	A
Overall Intersection	-	-	4.3	A	-	-	5.6	A	-	-	6.0	A	
5TH STREET													
5TH STREET & 48TH AVENUE													
5th Street	NB	LTR	-	9.9	A	LTR	-	9.4	A	LTR	-	11.1	B
	SB	LTR	-	13.2	B	LTR	-	9.3	A	LTR	-	9.5	A
48th Avenue	EB	LT	-	10.1	B	LT	-	9.0	A	LT	-	9.3	A
		TR	-	9.9	A	TR	-	8.6	A	TR	-	8.8	A
	WB	LT	-	11.2	B	LT	-	9.7	A	LT	-	9.7	A
		TR	-	9.5	A	TR	-	8.7	A	TR	-	9.2	A
Overall Intersection	-	-	11.4	B	-	-	9.3	A	-	-	10.0	A	
5TH STREET & 49TH AVENUE													
5th Street	NB	LTR	-	9.0	A	LTR	-	9.6	A	LTR	-	9.6	A
	SB	LTR	-	8.1	A	LTR	-	8.9	A	LTR	-	9.6	A
49th Avenue	EB	LTR	-	21.4	C	LTR	-	33.9	D	LTR	-	62.4	F
	WB	LTR	-	22.1	C	LTR	-	28.9	D	LTR	-	50.6	F
Overall Intersection	-	-	4.3	A	-	-	8.2	A	-	-	8.9	A	
5TH STREET & 50TH AVENUE													
5th Street	SB	LT	-	7.7	A	LT	-	7.9	A	LT	-	7.9	A
50th Avenue	EB	LTR	-	33.0	D	LTR	-	32.8	D	LTR	-	38.0	E
Overall Intersection	-	-	8.7	A	-	-	6.8	A	-	-	6.2	A	

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	<u>AM (7:45 - 8:45 AM)</u>					<u>Midday (1:00 - 2:00 PM)</u>				<u>PM (4:45 - 5:45 PM)</u>			
	Control					Control				Control			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
5TH STREET & 51ST AVENUE													
5th Street	NB	LT	-	8.1	A	LT	-	8.1	A	LT	-	7.9	A
51st Avenue	EB	LR	-	13.6	B	LR	-	12.7	B	LR	-	14.8	B
	WB	LTR	-	13.9	B	LTR	-	14.0	B	LTR	-	16.7	C
Overall Intersection	-	-	-	5.2	A	-	-	6.3	A	-	-	4.5	A
5TH STREET & BORDEN AVENUE													
5th Street	SB	LR	-	18.3	C	LR	-	12.6	B	LR	-	15.6	C
Borden Avenue	EB	L	-	7.9	A	L	-	7.9	A	L	-	8.2	A
Overall Intersection	-	-	-	6.9	A	-	-	4.3	A	-	-	3.8	A
11TH STREET/11TH PLACE													
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP													
11th Street	NB	LTR	-	120+	F*	LTR	-	120+	F*	LTR	-	120+	F*
	SB	LTR	-	120+	F*	LTR	-	120+	F*	LTR	-	120+	F*
Borden Avenue	EB	LTR	-	120+	F*	LTR	-	27.5	D	LTR	-	109.8	F
	WB	LTR	-	7.8	A	LTR	-	7.7	A	LTR	-	8.1	A
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*	-	-	120+	F*
11TH PLACE & 50TH AVENUE													
11th Place	SB	TR	-	18.7	C	TR	-	12.5	B	TR	-	13.4	B
50th Avenue	WB	LT	-	7.8	A	LT	-	7.7	A	LT	-	7.6	A
Overall Intersection	-	-	-	8.2	A	-	-	5.4	A	-	-	5.4	A
11TH STREET SERVICE ROAD & 49TH AVENUE													
11th Street Service Road	NB	R	-	11.2	B	R	-	9.4	A	R	-	9.9	A
49th Avenue	WB	R	-	10.5	B	R	-	9.7	A	R	-	9.3	A
Overall Intersection	-	-	-	3.9	A	-	-	3.8	A	-	-	3.2	A

**APPENDIX TABLE 16-2
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
11TH STREET & QUEENS PLAZA SOUTH													
11th Street	NB	LTR	-	17.2	C	LTR	-	15.9	C	LTR	-	14.6	B
Queens Plaza South	EB	LT	-	14.5	B	LT	-	12.8	B	LT	-	13.1	B
		TR	-	11.0	B	TR	-	9.8	A	TR	-	10.3	B
	WB	LT	-	11.9	B	LT	-	10.8	B	LT	-	11.3	B
		TR	-	9.5	A	TR	-	9.8	A	TR	-	9.6	A
Overall Intersection	-	-	14.4	B	-	-	13.3	B	-	-	12.7	B	
OTHER UNSIGNALIZED INTERSECTION													
21ST STREET & 50TH AVENUE													
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A	LT	FREEFLOW	A			
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A			
Overall Intersection	-		FREEFLOW	A	-	FREEFLOW	A	-	FREEFLOW	A			
JACKSON AVENUE & 51ST AVENUE													
Jackson Avenue	NB	T	-	9.1	A	T	-	9.5	A	T	-	9.4	A
51st Avenue	WB	TR	-	12.9	B	TR	-	14.8	B	TR	-	11.7	B
Overall Intersection	-	-	3.9	A	-	-	4.7	A	-	-	4.7	A	
VERNON BOULEVARD & QUEENS PLAZA SOUTH													
Vernon Boulevard	SB	LT	-	11.0	B	LT	-	10.2	B	LT	-	10.8	B
Queens Plaza South	WB	L	-	120+	F*	L	-	120+	F*	L	-	120+	F*
		R	-	16.4	C	R	-	17.2	C	R	-	33.5	D
Overall Intersection	-	-	5.1	A	-	-	8.6	A	-	-	8.6	A	

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

(5) F* indicates levels of service F conditions with delays in excess of two minutes for the movement with the asterik (*).

**APPENDIX TABLE 16-3
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
SIGNALIZED INTERSECTIONS													
VERNON BOULEVARD													
VERNON BOULEVARD & 48TH AVENUE													
Vernon Boulevard	NB	LT	0.82	29.2	C	LT	0.72	24.5	C	LT	0.87	33.4	C
	SB	TR	1.00	53.4	D	TR	0.73	24.7	C	TR	1.03	60.6	E
48th Avenue	EB	L	0.42	35.2	D	L	0.29	34.0	C	L	0.42	36.8	D
	R	0.31	34.3	C	R	0.40	39.3	D	R	0.24	34.4	C	
	WB	LTR	0.90	60.7	E	LTR	0.77	50.4	D	LTR	1.02	90.0	F
Overall Intersection	-	0.84	44.4	D	-	0.67	29.2	C	-	0.89	54.9	D	
VERNON BOULEVARD & 49TH AVENUE													
Vernon Boulevard	NB	LTR	0.85	21.2	C	LTR	0.73	15.5	B	LTR	0.67	13.8	B
	SB	LTR	1.20+	120+	F*	LTR	0.69	14.3	B	LTR	1.05	56.4	E
49th Avenue	EB	LTR	0.33	17.8	B	LTR	0.20	16.0	B	LTR	0.20	16.0	B
Overall Intersection	-	1.05	120+	F*	-	0.53	15.0	B	-	0.73	37.8	D	
VERNON BOULEVARD & 50TH AVENUE													
Vernon Boulevard	NB	TR	0.83	20.3	C	TR	0.76	16.9	B	TR	0.67	14.0	B
	SB	LT	1.05	60.2	E	LT	0.65	13.9	B	LT	0.95	30.8	C
50th Avenue	EB	LTR	1.20+	120+	F*	LTR	1.02	79.0	E	LTR	0.68	30.5	C
Overall Intersection	-	1.16	79.8	E	-	0.86	30.7	C	-	0.84	24.7	C	
VERNON BOULEVARD & 51ST AVENUE													
Vernon Boulevard	NB	LT	1.03	57.2	E	LT	0.78	22.6	C	LT	1.01	54.6	D
	SB	TR	1.03	58.3	E	TR	0.78	22.3	C	TR	1.02	50.9	D
51st Avenue	WB	LTR	0.79	19.5	B	LTR	0.80	19.7	B	LTR	0.82	20.1	C
Overall Intersection	-	0.91	41.0	D	-	0.79	21.1	C	-	0.92	37.9	D	

**APPENDIX TABLE 16-3
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Mvt.	V/C	Control		LOS	Mvt.	V/C	Control		Mvt.	V/C	Control	
			Delay	LOS				Delay	LOS			Delay	LOS
VERNON BOULEVARD & BORDEN AVENUE													
Vernon Boulevard	SB	L	1.10	82.1	F	L	0.97	44.7	D	L	1.08	72.7	E
		LR	1.06	67.7	E	LR	1.02	62.4	E	LR	1.20+	120+	F*
Borden Avenue	EB	LT	1.20+	120+	F*	LT	1.20+	120+	F*	LT	1.20+	120+	F*
	WB	T	0.53	15.1	B	T	0.70	18.4	B	T	1.17	102.7	F
Overall Intersection	-	1.20+	120+	F*	-	1.20+	120+	F*	-	1.20+	120+	F*	
VERNON BOULEVARD & 44TH DRIVE													
Vernon Boulevard	NB	LTR	0.71	13.1	B	LTR	0.75	14.8	B	LTR	0.85	19.1	B
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.32	20.5	C	LTR	0.54	23.3	C	LTR	0.31	19.7	B
	WB	LTR	0.69	26.7	C	LTR	0.72	26.9	C	LTR	0.86	34.7	C
Overall Intersection	-	1.20	113.9	F	-	1.10	72.8	E	-	1.20+	120+	F*	
JACKSON AVENUE/NORTHERN BOULEVARD													
JACKSON AVENUE & 50TH AVENUE													
Jackson Avenue	NB	TR	0.30	11.6	B	TR	0.28	11.4	B	TR	0.26	11.2	B
	SB	LT	0.45	13.4	B	LT	0.47	13.7	B	LT	0.49	13.8	B
50th Avenue	EB	LTR	0.97	73.1	E	LTR	0.57	38.4	D	LTR	0.53	37.6	D
	WB	L	0.37	36.0	D	L	0.37	35.4	D	L	0.31	34.1	C
50th Avenue WB Right (Unsignalized)	WB	R	-	13.2	B	R	-	12.3	B	R	-	12.2	B
Overall Intersection	-	0.63	27.8	C	-	0.51	18.3	B	-	0.50	17.5	B	
JACKSON AVENUE & 49TH AVENUE													
Jackson Avenue	SB	LTR	0.50	31.5	C	LTR	0.39	29.1	C	LTR	0.33	27.8	C
	EB	TR	1.09	104.2	F	TR	0.92	59.5	E	TR	0.91	58.2	E
49th Avenue	WB	LT	0.57	20.7	C	LT	0.51	19.5	B	LT	0.58	20.9	C
Overall Intersection	-	0.83	57.4	E	-	0.70	37.2	D	-	0.69	36.3	D	

**APPENDIX TABLE 16-3
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)					
	Control				Control				Control					
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)														
11th Street (Pulaski Bridge)	NB	LT	1.20+	120+	F*	LT	1.03	73.5	E	LT	1.20+	120+	F*	
		R	1.18	120+	F*	R	0.81	45.0	D	R	0.88	50.9	D	
Jackson Avenue	SB	LTR	0.71	32.7	C	LTR	0.56	31.3	C	LTR	0.77	34.2	C	
	EB	LT	0.85	44.8	D	LT	0.81	41.9	D	DefL	0.79	61.1	E	
		-	-	-	-	-	-	-	-	T	0.83	47.1	D	
	WB	DefL	1.20+	120+	F*	DefL	1.17	120+	F*	DefL	1.16	107.3	F	
		T	0.69	24.9	C	T	0.69	24.9	C	T	0.83	31.6	C	
11th Street Service Road	NB	R	1.20+	120+	F*	R	0.89	65.5	E	R	0.60	46.5	D	
	Overall Intersection		-	1.20+	120+	F*	-	1.20+	62.9	E	-	1.20+	110.8	F
JACKSON AVENUE & 21ST STREET														
21st Street	NB	LTR	0.87	41.4	D	LTR	1.09	100.1	F	LTR	1.20+	120+	F*	
	SB	LTR	0.66	31.2	C	LTR	0.81	44.2	D	LTR	1.20+	120+	F*	
Jackson Avenue	EB	L	1.20+	120+	F*	L	1.06	105.6	F	L	1.20+	120+	F*	
		TR	0.97	56.4	E	TR	0.57	25.9	C	TR	0.58	27.7	C	
	WB	L	0.59	28.0	C	L	0.45	15.9	B	L	0.50	17.0	B	
		TR	0.94	51.7	D	TR	0.78	31.9	C	TR	1.01	59.8	E	
	Overall Intersection		-	1.20+	69.7	E	-	1.10	51.5	D	-	1.20+	100.5	F
JACKSON AVENUE & THOMSON AVENUE														
Jackson Avenue	NB	TR	0.73	22.8	C	TR	0.66	22.9	C	TR	0.62	21.5	C	
	SB	L	0.35	18.7	B	L	0.17	16.6	B	L	0.21	17.0	B	
		T	0.52	17.8	B	T	0.48	19.4	B	T	0.54	19.9	B	
Thomson Avenue	WB	L	0.64	35.0	C	L	0.48	28.5	C	L	0.71	35.2	D	
		R	0.10	25.3	C	R	0.24	25.2	C	R	0.10	23.4	C	
	Overall Intersection		-	0.69	22.9	C	-	0.58	22.5	C	-	0.66	23.6	C
JACKSON AVENUE & 44TH DRIVE														
Jackson Avenue	NB	L	0.15	34.7	C	L	0.19	12.3	B	L	0.15	26.0	C	
		TR	0.94	59.6	E	TR	0.89	23.1	C	TR	0.50	29.9	C	
	SB	L	1.06	78.8	E	L	0.56	19.7	B	L	0.53	16.8	B	
		TR	0.55	8.6	A	TR	0.48	4.0	A	TR	0.54	10.2	B	
44th Drive	EB	-	-	-	-	DefL	1.20+	120+	F*	-	-	-	-	
		LTR	1.12	115.7	F	TR	0.75	51.1	D	LTR	0.97	62.1	E	
	WB	LTR	1.19	120+	F*	LTR	1.11	113.1	F	LTR	0.76	40.4	D	
	Overall Intersection		-	1.17	75.3	E	-	1.13	59.8	E	-	0.77	31.5	C

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Control					Control				Control			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD													
Jackson Ave - Northern Blvd	NB	TR	0.54	31.1	C	TR	0.58	32.5	C	TR	0.63	27.6	C
	SB	T	0.67	33.8	C	T	0.39	29.4	C	T	0.40	20.5	C
Queens Boulevard	EB	T	0.53	17.7	B	T	0.60	18.3	B	T	0.79	28.1	C
	WB	TR	1.20+	120+	F*	TR	0.62	18.8	B	TR	1.15	120+	F*
Overall Intersection	-	0.98	89.1	F		-	0.61	22.7	C	-	0.88	77.1	E
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE													
Northern Boulevard	NB	DefL	1.10	120+	F*	-	-	-	-	-	-	-	-
		TR	0.67	32.4	C	LTR	0.71	25.5	C	LTR	1.11	103.4	F
	SB	LT	1.20+	120+	F*	LT	0.72	34.2	C	LT	0.94	67.2	E
		R	1.14	116.2	F	R	0.73	15.1	B	R	0.86	29.0	C
Queens Plaza North/41st Avenue	EB	L	0.85	45.4	D	L	0.98	53.1	D	L	0.91	41.7	D
	WB	LTR	0.06	42.2	D	LTR	0.06	31.7	C	LTR	0.06	42.2	D
Overall Intersection	-	1.16	106.9	F		-	0.80	30.4	C	-	0.78	58.0	E
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE													
31st Street	SB	LTR	1.16	120+	F*	LTR	0.69	48.1	D	LTR	0.85	54.6	D
Northern Boulevard	EB	L	1.20+	120+	F*	L	1.20+	120+	F*	L	1.20+	120+	F*
		T	0.39	7.3	A	T	0.41	7.5	A	T	0.66	10.4	B
	WB	TR	0.92	29.9	C	TR	0.42	7.5	A	TR	0.51	8.4	A
Overall Intersection	-	1.20+	120+	F*		-	0.98	111.8	F	-	1.20+	120+	F*
21ST STREET													
21ST STREET & QUEENS PLAZA NORTH													
21st Street	NB	LT	0.70	18.7	B	LT	1.20+	120+	F*	LT	1.20+	120+	F*
	SB	TR	0.98	26.4	C	TR	0.84	33.9	C	TR	0.57	19.2	B
Queens Plaza North	WB	LTR	1.20+	120+	F*	LTR	0.60	27.6	C	LTR	1.16	120+	F*
Overall Intersection	-	1.20+	95.2	F		-	1.02	120+	F*	-	1.20+	106.9	F

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Mvt.	V/C	Control		Mvt.	V/C	Control		Mvt.	V/C	Control		
			Delay	LOS			Delay	LOS			Delay	LOS	
21ST STREET & QUEENS PLAZA SOUTH													
21st Street	NB	LTR	0.48	13.9	B	LTR	0.95	16.8	B	LTR	0.98	15.6	B
	SB	LTR	1.19	102.9	F	LTR	0.72	15.8	B	LTR	0.71	10.6	B
Queens Plaza South	EB	L	0.27	32.3	C	L	0.30	38.1	D	L	0.52	50.8	D
	TR		0.45	35.9	D	TR	0.39	39.6	D	TR	0.80	64.2	E
Overall Intersection	-		0.94	72.5	E	-	0.79	18.6	B	-	0.94	18.9	B
21ST STREET & 44TH DRIVE													
21st Street	NB	LTR	0.96	41.0	D	LTR	0.71	12.6	B	LTR	0.86	27.5	C
	SB	LTR	1.20+	120+	F*	LTR	1.05	54.6	D	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.95	65.5	E	LTR	0.68	41.7	D	LTR	0.80	46.9	D
	WB	LTR	0.78	44.6	D	LTR	0.94	59.6	E	LTR	0.90	55.6	E
Overall Intersection	-		1.20	88.2	F	-	1.01	42.8	D	-	1.17	93.7	F
VAN DAM STREET													
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD													
Van Dam Street	NB	L	1.20+	120+	F*	L	1.20+	120+	F*	L	1.20+	120+	F*
		TR	1.06	107.8	F	TR	1.10	107.6	F	TR	1.11	120+	F*
Queens Boulevard (to Queens Boulevard.)	EB	T	1.09	113.5	F	T	0.66	30.9	C	T	1.20	120+	F*
Queens Boulevard (to Van Dam Street)		T	1.03	96.8	F	T	0.93	61.3	E	T	1.08	111.1	F
Queens Boulevard (to Thomson Avenue WB)		R	0.09	47.9	D	R	0.08	35.5	D	R	0.07	46.7	D
Thomson Avenue	EB	T	0.30	15.9	B	T	0.68	23.2	C	T	1.18	116.6	F
		R	1.01	68.5	E	R	1.19	120+	F*	R	1.00	62.8	E
Queens Boulevard (to Thomson Avenue WB)	WB	L	1.20+	120+	F*	L	0.99	79.4	E	L	0.72	65.4	E
Queens Boulevard (to Viaduct)		TR	0.50	12.2	B	TR	0.32	9.1	A	TR	0.34	9.1	A
Overall Intersection	-		1.17	112.2	F	-	1.20+	72.1	E	-	1.20+	109.1	F
VAN DAM STREET & LIE EXIT RAMP													
Van Dam Street	NB	LT	0.42	22.6	C	LT	0.23	15.8	B	LT	0.35	21.6	C
	SB	TR	0.94	42.0	D	TR	1.14	120+	F*	TR	1.20+	120+	F*
LIE Exit Ramp	WB	TR	1.20+	120+	F*	TR	1.20+	120+	F*	TR	1.20+	120+	F*
Overall Intersection	-		1.12	120+	F*	-	1.20	120+	F*	-	1.20+	120+	F*

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Control					Control				Control			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
VAN DAM STREET & BORDEN AVENUE													
Van Dam Street	NB	TR	0.63	42.6	D	TR	0.67	40.5	D	TR	0.50	39.4	D
	SB	DefL	0.97	52.1	D	DefL	0.88	27.1	C	DefL	1.20+	120+	F*
		T	0.30	14.7	B	T	0.22	10.6	B	T	0.66	21.6	C
Borden Avenue	EB	LTR	0.66	34.6	C	LTR	0.62	27.2	C	LTR	1.16	119.3	F
	Overall Intersection	-	0.85	41.5	D	-	0.80	27.6	C	-	1.20+	120+	F*
CENTER BOULEVARD													
CENTER BOULEVARD & 51ST AVENUE													
Center Boulevard	NB	T	0.63	13.6	B	T	0.38	10.2	B	T	0.49	11.5	B
	SB	T	0.11	8.1	A	T	0.04	7.7	A	T	0.05	7.8	A
51st Avenue	WB	LR	0.40	17.2	B	LR	0.21	15.1	B	LR	0.17	14.7	B
Overall Intersection	-	0.54	13.7	B	-	0.31	11.1	B	-	0.36	11.6	B	
CENTER BOULEVARD & BORDEN AVENUE													
Center Boulevard	NB	TR	0.86	39.1	D	TR	0.67	23.7	C	TR	0.61	33.6	C
		R	0.68	30.8	C	R	0.49	20.5	C	R	0.47	30.8	C
	SB	L	0.28	35.2	D	L	0.10	15.4	B	L	0.10	25.9	C
Borden Ave	WB	R	0.63	43.9	D	R	0.35	18.2	B	R	0.49	32.4	C
Overall Intersection	-	0.77	37.2	D	-	0.52	21.1	C	-	0.55	32.0	C	
CENTER BOULEVARD & 54TH AVENUE													
Center Boulevard	NB	T	0.50	17.1	B	T	0.27	15.2	B	T	0.28	15.2	B
54th Avenue	WB	R	0.66	14.3	B	R	0.29	9.3	A	R	0.40	10.5	B
Overall Intersection	-	0.60	15.8	B	-	0.28	12.9	B	-	0.35	12.8	B	
CENTER BOULEVARD & 56TH AVENUE													
Center Boulevard	NB	T	0.05	16.4	B	T	0.08	16.6	B	T	0.03	16.3	B
56th Avenue	WB	R	0.64	11.4	B	R	0.36	7.9	A	R	0.45	8.7	A
Overall Intersection	-	0.45	11.8	B	-	0.27	9.4	A	-	0.31	9.2	A	

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)					Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)			
	Mvt.	V/C	Control		LOS	Mvt.	V/C	Control		Mvt.	V/C	Control	
			Delay	LOS				Delay	LOS			Delay	LOS
2ND STREET													
2ND STREET & 51ST AVENUE													
2nd Street	SB	LTR	0.09	10.7	B	LTR	0.04	10.4	B	LTR	0.05	10.5	B
51st Avenue	WB	LT	0.39	13.3	B	LT	0.28	12.2	B	LT	0.48	14.4	B
Overall Intersection	-		0.24	12.5	B	-	0.16	11.9	B	-	0.27	13.8	B
2ND STREET & BORDEN AVENUE													
2nd Street	SB	LTR	0.51	44.9	D	LTR	0.21	17.5	B	LTR	0.49	43.3	D
Borden Avenue	EB	TR	0.71	30.2	C	TR	0.47	18.4	B	TR	0.45	27.9	C
	WB	DefL	0.73	34.1	C	DefL	0.60	13.9	B	DefL	0.89	36.0	D
		T	0.23	6.5	A	T	0.17	6.5	A	T	0.23	6.8	A
Overall Intersection	-		0.78	29.8	C	-	0.60	15.2	B	-	0.82	30.5	C
2ND STREET & 54TH AVENUE													
2nd Street	SB	LTR	0.68	17.4	B	LTR	0.56	15.1	B	LTR	0.99	40.0	D
54th Avenue	WB	LT	0.25	11.9	B	LT	0.16	11.2	B	LT	0.21	11.6	B
Overall Intersection	-		0.47	15.9	B	-	0.36	14.3	B	-	0.60	35.3	D
2ND STREET & 55TH AVENUE													
2nd Street	SB	LT	0.11	10.8	B	LT	0.20	11.4	B	LT	0.38	12.7	B
55th Avenue	EB	TR	0.13	11.1	B	TR	0.05	10.6	B	TR	0.06	10.6	B
Overall Intersection	-		0.12	10.9	B	-	0.13	11.3	B	-	0.22	12.5	B
2ND STREET & 56TH AVENUE													
2nd Street	SB	T	0.03	2.5	A	T	0.04	2.5	A	T	0.01	2.4	A
		R	0.29	3.5	A	R	0.29	3.5	A	R	0.51	5.0	A
Overall Intersection	-		0.29	3.4	A	-	0.29	3.4	A	-	0.51	5.0	A
11TH STREET													
11TH STREET & 44TH DRIVE													
11th Street	NB	LTR	0.73	15.7	B	LTR	0.56	12.5	B	LTR	0.55	12.4	B
		LTR	0.60	14.1	B	LTR	0.36	10.4	B	LTR	0.57	13.3	B
44th Drive	EB	LTR	0.64	31.4	C	LTR	0.72	33.3	C	LTR	0.91	45.8	D
		LTR	0.81	38.4	D	LTR	0.77	36.0	D	LTR	1.07	86.0	F
Overall Intersection	-		0.76	21.8	C	-	0.63	21.6	C	-	0.74	36.6	D

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
UNSIGNALIZED INTERSECTIONS													
CENTER BOULEVARD													
CENTER BOULEVARD & 48TH AVENUE													
Center Boulevard	SB	LT	-	16.7	C	LT	-	120+	F*	LT	-	120+	F*
		T	-	16.5	C	T	-	120+	F*	T	-	43.5	E
48th Avenue	WB	L	-	34.2	D	L	-	120+	F*	L	-	120+	F*
		R	-	17.6	C	R	-	120+	F*	R	-	120+	F*
Overall Intersection	-	-	-	11.2	B	-	-	120+	F*	-	-	120+	F*
CENTER BOULEVARD & 49TH AVENUE													
Center Boulevard	SB	LT	-	9.5	A	LT	-	23.5	C	LT	-	13.4	B
49th Avenue	WB	LR	-	23.8	C	LR	-	120+	F*	LR	-	63.7	F
Overall Intersection	-	-	-	4.0	A	-	-	31.4	D	-	-	5.7	A
CENTER BOULEVARD & 50TH AVENUE													
Center Boulevard	SB	LT	-	11.9	B	LT	-	11.1	B	LT	-	10.9	B
Overall Intersection	-	-	-	2.0	A	-	-	2.3	A	-	-	1.8	A
CENTER BOULEVARD & 55TH AVENUE													
Center Boulevard	NB	T	-	12.1	B	T	-	10.9	B	T	-	10.9	B
		TR	-	14.2	B	TR	-	12.8	B	TR	-	24.5	C
Overall Intersection	-	-	-	13.2	B	-	-	11.9	B	-	-	19.0	C
CENTER BOULEVARD & 57TH AVENUE													
57th Avenue	NB	T	-	9.7	A	T	-	9.7	A	T	-	9.6	A
Overall Intersection	-	-	-	9.7	A	-	-	9.7	A	-	-	9.6	A

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
2ND STREET													
2ND STREET & 50TH AVENUE													
50th Avenue	EB	TR	FREEFLOW	A	TR	FREEFLOW	A	TR	FREEFLOW	A			
Overall Intersection	-		FREEFLOW	A	-		FREEFLOW	A	-		FREEFLOW	A	
2ND STREET & 57TH AVENUE													
2nd Street	SB	T	-	9.7	A	T	-	9.7	A	T	-	9.6	A
Overall Intersection	-		-	9.7	A	-		9.7	A	-		9.6	A
5TH STREET													
5TH STREET & 48TH AVENUE													
5th Street	NB	LTR	-	9.9	A	LTR	-	9.5	A	LTR	-	11.1	B
	SB	LTR	-	13.4	B	LTR	-	9.4	A	LTR	-	9.6	A
48th Avenue	EB	LT	-	10.1	B	LT	-	9.0	A	LT	-	9.4	A
		TR	-	9.9	A	TR	-	8.7	A	TR	-	8.8	A
	WB	LT	-	11.2	B	LT	-	9.7	A	LT	-	9.7	A
		TR	-	9.5	A	TR	-	8.7	A	TR	-	9.3	A
Overall Intersection	-		-	11.5	B	-		9.3	A	-		10.0	B
5TH STREET & 49TH AVENUE													
5th Street	NB	LTR	-	9.0	A	LTR	-	9.6	A	LTR	-	9.6	A
	SB	LTR	-	8.1	A	LTR	-	8.9	A	LTR	-	9.6	A
49th Avenue	EB	LTR	-	34.8	D	LTR	-	42.0	E	LTR	-	98.4	F
	WB	LTR	-	25.8	D	LTR	-	31.1	D	LTR	-	64.4	F
Overall Intersection	-		-	8.0	A	-		10.5	B	-		15.6	C
5TH STREET & 50TH AVENUE													
5th Street	SB	LT	-	7.7	A	LT	-	7.8	A	LT	-	7.8	A
50th Avenue	EB	LTR	-	120+	F*	LTR	-	120+	F*	LTR	-	120+	F*
Overall Intersection	-		-	120+	F*	-		104.0	F	-		120+	F*

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INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
5TH STREET & 51ST AVENUE													
5th Street	NB	LT	-	8.3	A	LT	-	8.2	A	LT	-	8.2	A
51st Avenue	EB	LR	-	12.7	B	LR	-	9.6	A	LR	-	120+	F*
	WB	LTR	-	20.9	C	LTR	-	27.7	D	LTR	-	120+	F*
Overall Intersection	-	-	-	8.7	A	-	-	13.9	B	-	-	120+	F*
5TH STREET & BORDEN AVENUE													
5th Street	SB	LR	-	120+	F*	LR	-	120+	F*	LR	-	120+	F*
Borden Avenue	EB	L	-	120+	F*	L	-	17.4	C	L	-	120+	F*
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*	-	-	120+	F*
11TH STREET/11TH PLACE													
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP													
11th Street	NB	LTR	-	120+	F*	LTR	-	120+	F*	LTR	-	120+	F*
	SB	LTR	-	120+	F*	LTR	-	120+	F*	LTR	-	120+	F*
Borden Avenue	EB	LTR	-	120+	F*	LTR	-	80.7	F	LTR	-	120+	F*
	WB	LTR	-	8.1	A	LTR	-	7.8	A	LTR	-	8.1	A
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*	-	-	120+	F*
11TH PLACE & 50TH AVENUE													
11th Place	SB	TR	-	20.0	C	TR	-	12.6	B	TR	-	13.6	B
50th Avenue	WB	LT	-	7.9	A	LT	-	7.8	A	LT	-	7.6	A
Overall Intersection	-	-	-	8.0	A	-	-	5.2	A	-	-	5.2	A
11TH STREET SERVICE ROAD & 49TH AVENUE													
11th Street Service Road	NB	R	-	11.2	B	R	-	9.4	A	R	-	9.9	A
49th Avenue	WB	R	-	10.5	B	R	-	9.7	A	R	-	9.3	A
Overall Intersection	-	-	-	3.9	A	-	-	3.8	A	-	-	3.2	A
11TH STREET & QUEENS PLAZA SOUTH													
11th Street	NB	LTR	-	17.9	C	LTR	-	16.1	C	LTR	-	14.9	B
Queens Plaza South	EB	LT	-	14.8	B	LT	-	12.8	B	LT	-	13.3	B
		TR	-	11.1	B	TR	-	9.8	A	TR	-	10.3	B
	WB	LT	-	12.0	B	LT	-	10.8	B	LT	-	11.3	B
	TR	-	9.6	A	TR	-	9.9	A	TR	-	9.7	A	
Overall Intersection	-	-	-	14.8	B	-	-	13.5	B	-	-	12.9	B

**APPENDIX TABLE 16-3
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	AM (7:45 - 8:45 AM)				Midday (1:00 - 2:00 PM)				PM (4:45 - 5:45 PM)				
	Control				Control				Control				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
<u>OTHER UNSIGNALIZED INTERSECTIONS</u>													
21ST STREET & 50TH AVENUE													
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A	LT	FREEFLOW	A	LT	FREEFLOW	A
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A	R	FREEFLOW	A
Overall Intersection	-		FREEFLOW	A	-		FREEFLOW	A	-		FREEFLOW	A	
JACKSON AVENUE & 51ST AVENUE													
Jackson Avenue	NB	T	-	11.9	B	T	-	11.5	B	T	-	11.2	B
51st Avenue	WB	TR	-	16.4	C	TR	-	18.7	C	TR	-	15.2	C
Overall Intersection	-	-	5.1	A	-	-	5.4	A	-	-	4.8	A	
VERNON BOULEVARD & QUEENS PLAZA SOUTH													
Vernon Boulevard	SB	LT	-	11.5	B	LT	-	10.3	B	LT	-	11.1	B
Queens Plaza South	WB	L	-	120+	F*	L	-	120+	F*	L	-	120+	F*
		R	-	17.9	C	R	-	17.7	C	R	-	37.0	E
Overall Intersection	-	-	5.4	A	-	-	9.3	A	-	-	9.5	A	

- (1) Control delay is measured in seconds per vehicle.
- (2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.
- (3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.
- (4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.
- (5) F* indicates levels of service F conditions with delays in excess of two minutes for the movement with the asterik (*).

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS
SIGNALIZED INTERSECTIONS									
VERNON BOULEVARD									
VERNON BOULEVARD & 48TH AVENUE									
Vernon Boulevard	NB	LT	0.74	25.1	C	LT	0.82	29.2	C
	SB	TR	0.90	35.9	D	TR	1.00	53.4	D
48th Avenue	EB	L	0.41	35.1	D	L	0.42	35.2	D
		R	0.31	34.3	C	R	0.31	34.3	C
	WB	LTR	0.90	60.7	E	LTR	0.90	60.7	E
Overall Intersection	-		0.79	36.6	D	-	0.84	44.4	D
VERNON BOULEVARD & 49TH AVENUE									
Vernon Boulevard	NB	LTR	0.78	17.3	B	LTR	0.85	21.2	C
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
49th Avenue	EB	LTR	0.19	15.9	B	LTR	0.33	17.8	B
Overall Intersection	-		0.90	102.8	F	-	1.05	120+	F*
VERNON BOULEVARD & 50TH AVENUE									
Vernon Boulevard	NB	TR	0.75	16.5	B	TR	0.83	20.3	C
	SB	LT	0.93	31.2	C	LT	1.05	60.2	E
50th Avenue	EB	LTR	0.65	27.9	C	LTR	1.20+	120+	F*
Overall Intersection	-		0.82	24.4	C	-	1.16	79.8	E
VERNON BOULEVARD & 51ST AVENUE									
Vernon Boulevard	NB	LT	0.93	34.6	C	LT	1.03	57.2	E
	SB	TR	0.88	29.6	C	TR	1.03	58.3	E
51st Avenue	WB	LTR	0.55	14.7	B	LTR	0.79	19.5	B
Overall Intersection	-		0.74	25.8	C	-	0.91	41.0	D
VERNON BOULEVARD & BORDEN AVENUE									
Vernon Boulevard	SB	L	1.10	82.1	F	L	1.10	82.1	F
		LR	0.67	19.3	B	LR	1.06	67.7	E
Borden Avenue	EB	LT	0.81	22.9	C	LT	1.20+	120+	F*
	WB	T	0.27	12.1	B	T	0.53	15.1	B
Overall Intersection	-		0.95	41.2	D	-	1.20+	120+	F*

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build						
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS				
VERNON BOULEVARD & 44TH DRIVE												
Vernon Boulevard	NB	LTR	0.62	11.2	B	LTR	0.71	13.1	B			
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*			
44th Drive	EB	LTR	0.32	20.5	C	LTR	0.32	20.5	C			
	WB	LTR	0.67	26.1	C	LTR	0.69	26.7	C			
Overall Intersection					-	1.11	88.6	F	-	1.20	113.9	F
JACKSON AVENUE/NORTHERN BOULEVARD												
JACKSON AVENUE & 50TH AVENUE												
Jackson Avenue	NB	TR	0.18	10.5	B	TR	0.30	11.6	B			
	SB	LT	0.28	11.4	B	LT	0.45	13.4	B			
50th Avenue	EB	LTR	0.66	42.3	D	LTR	0.97	73.1	E			
	WB	L	0.35	35.1	D	L	0.37	36.0	D			
50th Avenue WB Right (Unsignalized)	WB	R	-	10.7	B	R	-	13.2	B			
Overall Intersection					-	0.41	20.5	C	-	0.63	27.8	C
JACKSON AVENUE & 49TH AVENUE												
49th Avenue	SB	LTR	0.41	29.6	C	LTR	0.50	31.5	C			
Jackson Avenue	EB	TR	0.71	45.7	D	TR	1.09	104.2	F			
	WB	LT	0.33	16.9	B	LT	0.57	20.7	C			
Overall Intersection					-	0.57	30.9	C	-	0.83	57.4	E
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)												
11th Street (Pulaski Bridge)	NB	LT	1.20+	120+	F*	LT	1.20+	120+	F*			
		R	1.12	111.4	F	R	1.18	120+	F*			
Jackson Avenue	SB	LTR	0.71	32.5	C	LTR	0.71	32.7	C			
	EB	LT	0.47	31.8	C	LT	0.85	44.8	D			
	WB	DefL	1.10	97.1	F	DefL	1.20+	120+	F*			
		T	0.40	18.3	B	T	0.69	24.9	C			
11th Street Service Road	NB	R	1.20+	120+	F*	R	1.20+	120+	F*			
Overall Intersection					-	1.20	109.1	F	-	1.20+	120+	F*

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build				
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	
JACKSON AVENUE & 21ST STREET										
21st Street	NB	LTR	0.84	39.3	D	LTR	0.87	41.4	D	
	SB	LTR	0.58	28.9	C	LTR	0.66	31.2	C	
Jackson Avenue	EB	L	0.98	83.0	F	L	1.20+	120+	F*	
		TR	0.78	39.4	D	TR	0.97	56.4	E	
	WB	L	0.51	23.7	C	L	0.59	28.0	C	
		TR	0.79	39.7	D	TR	0.94	51.7	D	
Overall Intersection		-	0.91	40.8	D	-	1.20+	69.7	E	
JACKSON AVENUE & THOMSON AVENUE										
Jackson Avenue	NB	TR	0.57	18.9	B	TR	0.73	22.8	C	
	SB	L	0.26	16.0	B	L	0.35	18.7	B	
		T	0.49	17.4	B	T	0.52	17.8	B	
Thomson Avenue	WB	L	0.45	30.5	C	L	0.64	35.0	C	
		R	0.10	25.3	C	R	0.10	25.3	C	
Overall Intersection		-	0.52	19.9	B	-	0.69	22.9	C	
JACKSON AVENUE & 44TH DRIVE										
Jackson Avenue	NB	L	0.15	34.5	C	L	0.15	34.7	C	
		TR	0.87	51.4	D	TR	0.94	59.6	E	
	SB	L	1.03	69.1	E	L	1.06	78.8	E	
TR		0.53	8.3	A	TR	0.55	8.6	A		
44th Drive	EB	LTR	1.12	115.7	F	LTR	1.12	115.7	F	
	WB	LTR	1.19	120+	F*	LTR	1.19	120+	F*	
Overall Intersection		-	1.12	73.3	E	-	1.17	75.3	E	
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD										
Jackson Ave - Northern Blvd	NB	TR	0.51	30.5	C	TR	0.54	31.1	C	
	SB	T	0.64	33.1	C	T	0.67	33.8	C	
Queens Boulevard	EB	T	0.53	17.7	B	T	0.53	17.7	B	
	WB	TR	1.20+	120+	F*	TR	1.20+	120+	F*	
Overall Intersection		-	0.96	89.8	F	-	0.98	89.1	F	

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build				
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS	
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE										
Northern Boulevard	NB	DefL	1.10	120+	F*	DefL	1.10	120+	F*	
		TR	0.63	31.2	C	TR	0.67	32.4	C	
	SB	LT	1.17	120+	F*	LT	1.20+	120+	F*	
		R	1.14	116.2	F	R	1.14	116.2	F	
Queens Plaza North/41st Avenue	EB	L	0.85	45.4	D	L	0.85	45.4	D	
	WB	LTR	0.06	42.2	D	LTR	0.06	42.2	D	
Overall Intersection	-	1.13	102.4	F	-	1.16	106.9	F		
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE										
31st Street	SB	LTR	1.11	118.4	F	LTR	1.16	120+	F*	
Northern Boulevard	EB	L	1.20+	120+	F*	L	1.20+	120+	F*	
		T	0.38	7.2	A	T	0.39	7.3	A	
	WB	TR	0.92	29.1	C	TR	0.92	29.9	C	
Overall Intersection	-	1.20+	120+	F*	-	1.20+	120+	F*		
21ST STREET										
21ST STREET & QUEENS PLAZA NORTH										
21st Street	NB	LT	0.61	16.4	B	LT	0.70	18.7	B	
	SB	TR	0.96	22.3	C	TR	0.98	26.4	C	
Queens Plaza North	WB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*	
Overall Intersection	-	1.20+	95.2	F	-	1.20+	95.2	F		
21ST STREET & QUEENS PLAZA SOUTH										
21st Street	NB	LTR	0.43	13.2	B	LTR	0.48	13.9	B	
	SB	LTR	1.13	76.3	E	LTR	1.19	102.9	F	
Queens Plaza South	EB	L	0.27	32.3	C	L	0.27	32.3	C	
		TR	0.45	35.9	D	TR	0.45	35.9	D	
Overall Intersection	-	0.90	56.4	E	-	0.94	72.5	E		
21ST STREET & 44TH DRIVE										
21st Street	NB	LTR	0.86	27.8	C	LTR	0.96	41.0	D	
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*	
44th Drive	EB	LTR	0.95	64.6	E	LTR	0.95	65.5	E	
	WB	LTR	0.77	44.2	D	LTR	0.78	44.6	D	
Overall Intersection	-	1.12	68.8	E	-	1.20	88.2	F		

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VAN DAM STREET									
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD									
Van Dam Street	NB	L	1.20+	120+	F*	L	1.20+	120+	F*
		TR	1.06	107.8	F	TR	1.06	107.8	F
Queens Boulevard (to Queens Boulevard.)	EB	T	1.09	113.5	F	T	1.09	113.5	F
Queens Boulevard (to Van Dam Street)		T	1.03	96.8	F	T	1.03	96.8	F
Queens Boulevard (to Thomson Avenue WB)		R	0.09	47.9	D	R	0.09	47.9	D
Thomson Avenue	EB	T	0.23	15.0	B	T	0.30	15.9	B
		R	1.01	68.5	E	R	1.01	68.5	E
Queens Boulevard (to Thomson Avenue WB)	WB	L	1.19	120+	F*	L	1.20+	120+	F*
Queens Boulevard (to Viaduct)		TR	0.50	12.2	B	TR	0.50	12.2	B
Overall Intersection	-		1.17	105.7	F	-	1.17	112.2	F
VAN DAM STREET & LIE EXIT RAMP									
Van Dam Street	NB	LT	0.42	22.6	C	LT	0.42	22.6	C
		SB	0.94	42.0	D	TR	0.94	42.0	D
LIE Exit Ramp	WB	TR	1.20	120+	F*	TR	1.20+	120+	F*
Overall Intersection	-		1.07	119.2	F	-	1.12	120+	F*
VAN DAM STREET & BORDEN AVENUE									
Van Dam Street	NB	TR	0.63	42.6	D	TR	0.63	42.6	D
		SB	DefL	52.1	D	DefL	0.97	52.1	D
		T	0.30	14.7	B	T	0.30	14.7	B
Borden Avenue	EB	LTR	0.54	32.1	C	LTR	0.66	34.6	C
Overall Intersection	-		0.81	41.3	D	-	0.85	41.5	D
CENTER BOULEVARD									
CENTER BOULEVARD & 51ST AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.63	13.6	B
		SB	-	-	-	T	0.11	8.1	A
51st Avenue	WB	-	-	-	-	LR	0.40	17.2	B
Overall Intersection	-		-	-	-	-	0.54	13.7	B

APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)

INTERSECTION & APPROACH	2017 No Build				2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
CENTER BOULEVARD & BORDEN AVENUE									
Center Boulevard	NB	-	-	-	-	TR	0.86	39.1	D
		-	-	-	-	R	0.68	30.8	C
	SB	-	-	-	-	L	0.28	35.2	D
Borden Ave	WB	-	-	-	-	R	0.63	43.9	D
	Overall Intersection	-	-	-	-	-	0.77	37.2	D
CENTER BOULEVARD & 54TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.50	17.1	B
54th Avenue	WB	-	-	-	-	R	0.66	14.3	B
	Overall Intersection	-	-	-	-	-	0.60	15.8	B
CENTER BOULEVARD & 56TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.05	16.4	B
56th Avenue	WB	-	-	-	-	R	0.64	11.4	B
	Overall Intersection	-	-	-	-	-	0.45	11.8	B
<u>2ND STREET</u>									
2ND STREET & 51ST AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.4	A	LTR	0.09	10.7	B
51st Avenue	WB	LR	-	10.3	B	LT	0.39	13.3	B
	Overall Intersection	-	-	3.7	A	-	0.24	12.5	B
2ND STREET & BORDEN AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.8	A	LTR	0.51	44.9	D
Borden Avenue	EB	-	-	-	-	TR	0.71	30.2	C
	WB	LR	-	13.6	B	DefL	0.73	34.1	C
		-	-	-	-	T	0.23	6.5	A
	Overall Intersection	-	-	8.0	A	-	0.78	29.8	C
2ND STREET & 54TH AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.5	A	LTR	0.68	17.4	B
54th Avenue	WB	LR	-	9.4	A	LT	0.25	11.9	B
	Overall Intersection	-	-	4.3	A	-	0.47	15.9	B

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
2ND STREET & 55TH AVENUE									
2nd Street	SB	-	-	-	-	LT	0.11	10.8	B
55th Avenue	EB	-	-	-	-	TR	0.13	11.1	B
Overall Intersection	-	-	-	-	-	-	0.12	10.9	B
2ND STREET & 56TH AVENUE									
2nd Street	SB	-	-	-	-	T	0.03	2.5	A
		-	-	-	-	R	0.29	3.5	A
Overall Intersection	-	-	-	-	-	-	0.29	3.4	A
11TH STREET									
11TH STREET & 44TH DRIVE									
11th Street	NB	LTR	0.73	15.5	B	LTR	0.73	15.7	B
	SB	LTR	0.60	14.0	B	LTR	0.60	14.1	B
44th Drive	EB	LTR	0.64	31.4	C	LTR	0.64	31.4	C
	WB	LTR	0.80	38.0	D	LTR	0.81	38.4	D
Overall Intersection	-	0.75	21.6	C	-	-	0.76	21.8	C
UNSIGNALIZED INTERSECTIONS									
CENTER BOULEVARD									
CENTER BOULEVARD & 48TH AVENUE (UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)				
Center Boulevard	SB	LT	-	12.3	B	LT	-	16.7	C
		T	-	12.3	B	T	-	16.5	C
48th Avenue	WB	L	-	17.7	C	L	-	34.2	D
		R	-	12.8	B	R	-	17.6	C
Overall Intersection	-	-	9.7	A	-	-	11.2	B	
CENTER BOULEVARD & 49TH AVENUE									
Center Boulevard	SB	LT	-	7.9	A	LT	-	9.5	A
49th Avenue	WB	LR	-	13.6	B	LR	-	23.8	C
Overall Intersection	-	-	3.3	A	-	-	4.0	A	

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
CENTER BOULEVARD & 50TH AVENUE								
Center Boulevard	SB	L	FREEFLOW	A	LT	-	11.9	B
50th Avenue	WB	R	FREEFLOW	A	-	-	-	-
Overall Intersection	-	-	FREEFLOW	A	-	-	2.0	A
CENTER BOULEVARD & 55TH AVENUE								
Center Boulevard	NB	-	-	-	T	-	12.1	B
		-	-	-	TR	-	14.2	B
Overall Intersection	-	-	-	-	-	-	13.2	B
CENTER BOULEVARD & 57TH AVENUE								
57th Avenue	NB	-	-	-	T	-	9.7	A
Overall Intersection	-	-	-	-	-	-	9.7	A
2ND STREET								
2ND STREET & 50TH AVENUE								
2nd Street	NB	LR	-	13.5	B	-	-	-
50th Avenue	EB	TR	-	-	-	TR	FREEFLOW	A
Overall Intersection	-	-	-	6.4	A	-	FREEFLOW	A
2ND STREET & 57TH AVENUE								
2nd Street	SB	-	-	-	T	-	9.7	A
Overall Intersection	-	-	-	-	-	-	9.7	A
5TH STREET								
5TH STREET & 48TH AVENUE								
5th Street	NB	LTR	-	9.9	A	LTR	-	9.9
	SB	LTR	-	13.2	B	LTR	-	13.4
48th Avenue	EB	LT	-	10.1	B	LT	-	10.1
		TR	-	9.9	A	TR	-	9.9
	WB	LT	-	11.2	B	LT	-	11.2
		TR	-	9.5	A	TR	-	9.5
Overall Intersection	-	-	-	11.4	B	-	-	11.5

**APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
5TH STREET & 49TH AVENUE	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)				
5th Street	NB	LTR	-	9.0	A	LTR	-	9.0	A
	SB	LTR	-	8.1	A	LTR	-	8.1	A
49th Avenue	EB	LTR	-	21.4	C	LTR	-	34.8	D
	WB	LTR	-	22.1	C	LTR	-	25.8	D
Overall Intersection	-	-	-	4.3	A	-	-	8.0	A
5TH STREET & 50TH AVENUE	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)				
5th Street	SB	LT	-	7.7	A	LT	-	7.7	A
50th Avenue	EB	LTR	-	33.0	D	LTR	-	120+	F*
Overall Intersection	-	-	-	8.7	A	-	-	120+	F*
5TH STREET & 51ST AVENUE	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)				
5th Street	NB	LT	-	8.1	A	LT	-	8.3	A
51st Avenue	EB	LR	-	13.6	B	LR	-	12.7	B
	WB	LTR	-	13.9	B	LTR	-	20.9	C
Overall Intersection	-	-	-	5.2	A	-	-	8.7	A
5TH STREET & BORDEN AVENUE	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)				
5th Street	SB	LR	-	18.3	C	LR	-	120+	F*
Borden Avenue	EB	L	-	7.9	A	L	-	120+	F*
Overall Intersection	-	-	-	6.9	A	-	-	120+	F*
<u>11TH STREET/11TH PLACE</u>									
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)				
11th Street	NB	LTR	-	120+	F*	LTR	-	120+	F*
	SB	LTR	-	120+	F*	LTR	-	120+	F*
Borden Avenue	EB	LTR	-	120+	F*	LTR	-	120+	F*
	WB	LTR	-	7.8	A	LTR	-	8.1	A
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*

APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)

INTERSECTION & APPROACH	<u>2017 No Build</u>					<u>2017 Build</u>			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
11TH PLACE & 50TH AVENUE									
11th Place	SB	TR	-	18.7	C	TR	-	20.0	C
50th Avenue	WB	LT	-	7.8	A	LT	-	7.9	A
Overall Intersection	-	-	8.2	A	-	-	8.0	A	
11TH STREET SERVICE ROAD & 49TH AVENUE									
11th Street Service Road	NB	R	-	11.2	B	R	-	11.2	B
49th Avenue	WB	R	-	10.5	B	R	-	10.5	B
Overall Intersection	-	-	3.9	A	-	-	3.9	A	
11TH STREET & QUEENS PLAZA SOUTH									
11th Street	NB	LTR	-	17.2	C	LTR	-	17.9	C
Queens Plaza South	EB	LT	-	14.5	B	LT	-	14.8	B
		TR	-	11.0	B	TR	-	11.1	B
	WB	LT	-	11.9	B	LT	-	12.0	B
		TR	-	9.5	A	TR	-	9.6	A
Overall Intersection	-	-	14.4	B	-	-	14.8	B	
<u>OTHER UNSIGNALIZED INTERSECTIONS</u>									
21ST STREET & 50TH AVENUE									
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A		
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A		
Overall Intersection	-	-	FREEFLOW	A	-	-	FREEFLOW	A	
JACKSON AVENUE & 51ST AVENUE									
Jackson Avenue	NB	T	-	9.1	A	T	-	11.9	B
51st Avenue	WB	TR	-	12.9	B	TR	-	16.4	C
Overall Intersection	-	-	3.9	A	-	-	5.1	A	

APPENDIX TABLE 16-4
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (AM PEAK HOUR)

INTERSECTION & APPROACH	2017 No Build				2017 Build					
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
VERNON BOULEVARD & QUEENS PLAZA SOUTH										
	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)					
Vernon Boulevard	SB	LT	-	11.0	B	LT	-	11.5	B	
Queens Plaza South	WB	L	-	120+	F*	L	-	120+	F*	
		R	-	16.4	C	R	-	17.9	C	
	Overall Intersection		-	-	5.1	A	-	-	5.4	A

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

(5) F* indicates levels of service F conditions with delays in excess of two minutes for the movement with the asterik (*).

Denotes a significant impact

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	<u>2017 No Build</u>					<u>2017 Build</u>			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS
SIGNALIZED INTERSECTIONS									
VERNON BOULEVARD									
VERNON BOULEVARD & 48TH AVENUE									
Vernon Boulevard	NB	LT	0.67	23.0	C	LT	0.72	24.5	C
	SB	TR	0.67	22.6	C	TR	0.73	24.7	C
48th Avenue	EB	L	0.28	33.8	C	L	0.29	34.0	C
		R	0.40	39.3	D	R	0.40	39.3	D
	WB	LTR	0.77	50.4	D	LTR	0.77	50.4	D
Overall Intersection		-	0.63	28.1	C	-	0.67	29.2	C
VERNON BOULEVARD & 49TH AVENUE									
Vernon Boulevard	NB	LTR	0.68	14.4	B	LTR	0.73	15.5	B
	SB	LTR	0.63	13.1	B	LTR	0.69	14.3	B
49th Avenue	EB	LTR	0.17	15.7	B	LTR	0.20	16.0	B
Overall Intersection		-	0.49	13.9	B	-	0.53	15.0	B
VERNON BOULEVARD & 50TH AVENUE									
Vernon Boulevard	NB	TR	0.72	15.6	B	TR	0.76	16.9	B
	SB	LT	0.58	12.5	B	LT	0.65	13.9	B
50th Avenue	EB	LTR	0.64	27.9	C	LTR	1.02	79.0	E
Overall Intersection		-	0.69	16.7	B	-	0.86	30.7	C
VERNON BOULEVARD & 51ST AVENUE									
Vernon Boulevard	NB	LT	0.74	20.8	C	LT	0.78	22.6	C
	SB	TR	0.63	17.3	B	TR	0.78	22.3	C
51st Avenue	WB	LTR	0.61	15.4	B	LTR	0.80	19.7	B
Overall Intersection		-	0.68	17.5	B	-	0.79	21.1	C
VERNON BOULEVARD & BORDEN AVENUE									
Vernon Boulevard	SB	L	0.97	44.7	D	L	0.97	44.7	D
		LR	0.55	16.5	B	LR	1.02	62.4	E
Borden Avenue	EB	LT	0.57	16.5	B	LT	1.20+	120+	F*
	WB	T	0.49	14.6	B	T	0.70	18.4	B
Overall Intersection		-	0.77	25.8	C	-	1.20+	120+	F*

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VERNON BOULEVARD & 44TH DRIVE									
Vernon Boulevard	NB	LTR	0.72	13.8	B	LTR	0.75	14.8	B
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.54	23.3	C	LTR	0.54	23.3	C
	WB	LTR	0.71	26.6	C	LTR	0.72	26.9	C
Overall Intersection	-	1.07	65.5	E	-	1.10	72.8	E	
JACKSON AVENUE/NORTHERN BOULEVARD									
JACKSON AVENUE & 50TH AVENUE									
Jackson Avenue	NB	TR	0.20	10.7	B	TR	0.28	11.4	B
	SB	LT	0.33	11.9	B	LT	0.47	13.7	B
50th Avenue	EB	LTR	0.44	35.5	D	LTR	0.57	38.4	D
	WB	L	0.35	35.0	D	L	0.37	35.4	D
50th Avenue WB Right (Unsignalized)	WB	R	-	10.9	B	R	-	12.3	B
Overall Intersection	-	0.37	17.6	B	-	0.51	18.3	B	
JACKSON AVENUE & 49TH AVENUE									
49th Avenue	SB	LTR	0.36	28.6	C	LTR	0.39	29.1	C
Jackson Avenue	EB	TR	0.67	44.6	D	TR	0.92	59.5	E
	WB	LT	0.34	16.9	B	LT	0.51	19.5	B
Overall Intersection	-	0.54	30.0	C	-	0.70	37.2	D	
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)									
11th Street (Pulaski Bridge)	NB	LT	0.82	39.9	D	LT	1.03	73.5	E
		R	0.81	45.0	D	R	0.81	45.0	D
Jackson Avenue	SB	LTR	0.52	30.6	C	LTR	0.56	31.3	C
	EB	LT	0.47	31.7	C	LT	0.81	41.9	D
	WB	DefL	1.06	85.4	F	DefL	1.17	120+	F*
11th Street Service Road		T	0.47	19.6	B	T	0.69	24.9	C
	NB	R	0.89	65.5	E	R	0.89	65.5	E
Overall Intersection	-	0.99	47.0	D	-	1.20+	62.9	E	

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
JACKSON AVENUE & 21ST STREET										
21st Street	NB	LTR	1.05	86.2	F	LTR	1.09	100.1	F	
	SB	LTR	0.73	40.3	D	LTR	0.81	44.2	D	
Jackson Avenue	EB	L	0.71	24.2	C	L	1.06	105.6	F	
		TR	0.52	24.8	C	TR	0.57	25.9	C	
	WB	L	0.43	15.2	B	L	0.45	15.9	B	
		TR	0.71	29.2	C	TR	0.78	31.9	C	
Overall Intersection			-	0.87	40.9	D	-	1.10	51.5	D
JACKSON AVENUE & THOMSON AVENUE										
Jackson Avenue	NB	TR	0.61	21.8	C	TR	0.66	22.9	C	
	SB	L	0.15	16.2	B	L	0.17	16.6	B	
		T	0.47	19.3	B	T	0.48	19.4	B	
Thomson Avenue	WB	L	0.42	27.3	C	L	0.48	28.5	C	
		R	0.24	25.2	C	R	0.24	25.2	C	
Overall Intersection			-	0.53	21.7	C	-	0.58	22.5	C
JACKSON AVENUE & 44TH DRIVE										
Jackson Avenue	NB	L	0.19	12.2	B	L	0.19	12.3	B	
		TR	0.87	21.3	C	TR	0.89	23.1	C	
	SB	L	0.55	18.9	B	L	0.56	19.7	B	
44th Drive		TR	0.47	3.9	A	TR	0.48	4.0	A	
	EB	DefL	1.20+	120+	F*	DefL	1.20+	120+	F*	
		TR	0.75	51.1	D	TR	0.75	51.1	D	
	WB	LTR	1.11	113.1	F	LTR	1.11	113.1	F	
Overall Intersection			-	1.12	59.9	E	-	1.13	59.8	E
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD										
Jackson Ave - Northern Blvd	NB	TR	0.57	32.3	C	TR	0.58	32.5	C	
	SB	T	0.38	29.2	C	T	0.39	29.4	C	
Queens Boulevard	EB	T	0.60	18.3	B	T	0.60	18.3	B	
	WB	TR	0.62	18.8	B	TR	0.62	18.8	B	
Overall Intersection			-	0.60	22.6	C	-	0.61	22.7	C

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE										
Northern Boulevard	NB	LTR	0.70	25.2	C	LTR	0.71	25.5	C	
	SB	LT	0.69	33.5	C	LT	0.72	34.2	C	
		R	0.73	15.1	B	R	0.73	15.1	B	
Queens Plaza North/41st Avenue	EB	L	0.98	53.1	D	L	0.98	53.1	D	
	WB	LTR	0.06	31.7	C	LTR	0.06	31.7	C	
Overall Intersection	-	0.80	30.2	C	-	0.80	30.4	C		
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE										
31st Street	SB	LTR	0.68	47.8	D	LTR	0.69	48.1	D	
Northern Boulevard	EB	L	1.20+	120+	F*	L	1.20+	120+	F*	
		T	0.41	7.5	A	T	0.41	7.5	A	
	WB	TR	0.42	7.5	A	TR	0.42	7.5	A	
Overall Intersection	-	0.93	100.7	F	-	0.98	111.8	F		
21ST STREET										
21ST STREET & QUEENS PLAZA NORTH										
21st Street	NB	LT	1.20+	120+	F*	LT	1.20+	120+	F*	
	SB	TR	0.83	33.0	C	TR	0.84	33.9	C	
Queens Plaza North	WB	LTR	0.60	27.6	C	LTR	0.60	27.6	C	
Overall Intersection	-	1.00	120+	F*	-	1.02	120+	F*		
21ST STREET & QUEENS PLAZA SOUTH										
21st Street	NB	LTR	0.93	14.7	B	LTR	0.95	16.8	B	
	SB	LTR	0.70	15.2	B	LTR	0.72	15.8	B	
Queens Plaza South	EB	L	0.30	38.1	D	L	0.30	38.1	D	
		TR	0.39	39.6	D	TR	0.39	39.6	D	
Overall Intersection	-	0.78	17.2	B	-	0.79	18.6	B		
21ST STREET & 44TH DRIVE										
21st Street	NB	LTR	0.68	11.8	B	LTR	0.71	12.6	B	
	SB	LTR	1.01	43.3	D	LTR	1.05	54.6	D	
44th Drive	EB	LTR	0.68	41.7	D	LTR	0.68	41.7	D	
	WB	LTR	0.94	59.6	E	LTR	0.94	59.6	E	
Overall Intersection	-	0.99	38.9	D	-	1.01	42.8	D		

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VAN DAM STREET									
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD									
Van Dam Street	NB	L	1.20+	120+	F*	L	1.20+	120+	F*
		TR	1.10	107.6	F	TR	1.10	107.6	F
Queens Boulevard (to Queens Boulevard.)	EB	T	0.66	30.9	C	T	0.66	30.9	C
Queens Boulevard (to Van Dam Street)		T	0.93	61.3	E	T	0.93	61.3	E
Queens Boulevard (to Thomson Avenue WB)		R	0.08	35.5	D	R	0.08	35.5	D
Thomson Avenue	EB	T	0.65	22.6	C	T	0.68	23.2	C
		R	1.19	120+	F*	R	1.19	120+	F*
Queens Boulevard (to Thomson Avenue WB)	WB	L	0.94	70.3	E	L	0.99	79.4	E
Queens Boulevard (to Viaduct)		TR	0.32	9.1	A	TR	0.32	9.1	A
Overall Intersection	-	-	1.20+	71.1	E	-	1.20+	72.1	E
VAN DAM STREET & LIE EXIT RAMP									
Van Dam Street	NB	LT	0.23	15.8	B	LT	0.23	15.8	B
	SB	TR	1.14	120+	F*	TR	1.14	120+	F*
LIE Exit Ramp	WB	TR	1.17	107.8	F	TR	1.20+	120+	F*
Overall Intersection	-	-	1.16	107.6	F	-	1.20	120+	F*
VAN DAM STREET & BORDEN AVENUE									
Van Dam Street	NB	TR	0.67	40.5	D	TR	0.67	40.5	D
	SB	DefL	0.88	27.1	C	DefL	0.88	27.1	C
		T	0.22	10.6	B	T	0.22	10.6	B
Borden Avenue	EB	LTR	0.59	26.6	C	LTR	0.62	27.2	C
Overall Intersection	-	-	0.78	27.4	C	-	0.80	27.6	C
CENTER BOULEVARD									
CENTER BOULEVARD & 51ST AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.38	10.2	B
	SB	-	-	-	-	T	0.04	7.7	A
51st Avenue	WB	-	-	-	-	LR	0.21	15.1	B
Overall Intersection	-	-	-	-	-	-	0.31	11.1	B

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	<u>2017 No Build</u>				<u>2017 Build</u>				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
CENTER BOULEVARD & BORDEN AVENUE									
Center Boulevard	NB	-	-	-	-	TR	0.67	23.7	C
		-	-	-	-	R	0.49	20.5	C
Borden Ave	SB	-	-	-	-	L	0.10	15.4	B
	WB	-	-	-	-	R	0.35	18.2	B
Overall Intersection	-	-	-	-	-	0.52	21.1	C	
CENTER BOULEVARD & 54TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.27	15.2	B
54th Avenue	WB	-	-	-	-	R	0.29	9.3	A
Overall Intersection	-	-	-	-	-	0.28	12.9	B	
CENTER BOULEVARD & 56TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.08	16.6	B
56th Avenue	WB	-	-	-	-	R	0.36	7.9	A
Overall Intersection	-	-	-	-	-	0.27	9.4	A	
<u>2ND STREET</u>									
2ND STREET & 51ST AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.7	A	LTR	0.04	10.4	B
51st Avenue	WB	LR	-	9.7	A	LT	0.28	12.2	B
Overall Intersection	-	-	-	2.8	A	-	0.16	11.9	B
2ND STREET & BORDEN AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.7	A	LTR	0.21	17.5	B
Borden Avenue	EB	-	-	-	-	TR	0.47	18.4	B
	WB	LR	-	11.9	B	DefL	0.60	13.9	B
		-	-	-	-	T	0.17	6.5	A
Overall Intersection	-	-	-	7.0	A	-	0.60	15.2	B
2ND STREET & 54TH AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.7	A	LTR	0.56	15.1	B
54th Avenue	WB	LR	-	9.9	A	LT	0.16	11.2	B
Overall Intersection	-	-	-	5.6	A	-	0.36	14.3	B

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	Mvt.	2017 No Build			LOS	Mvt.	2017 Build		
		V/C	Delay	LOS			V/C	Delay	LOS
2ND STREET & 55TH AVENUE									
2nd Street	SB	-	-	-	-	LT	0.20	11.4	B
55th Avenue	EB	-	-	-	-	TR	0.05	10.6	B
Overall Intersection		-	-	-	-	-	0.13	11.3	B
2ND STREET & 56TH AVENUE									
2nd Street	SB	-	-	-	-	T	0.04	2.5	A
		-	-	-	-	R	0.29	3.5	A
Overall Intersection		-	-	-	-	-	0.29	3.4	A
11TH STREET									
11TH STREET & 44TH DRIVE									
11th Street	NB	LTR	0.56	12.5	B	LTR	0.56	12.5	B
	SB	LTR	0.36	10.4	B	LTR	0.36	10.4	B
44th Drive	EB	LTR	0.72	33.3	C	LTR	0.72	33.3	C
	WB	LTR	0.77	35.9	D	LTR	0.77	36.0	D
Overall Intersection		-	0.63	21.6	C	-	0.63	21.6	C
UNSIGNALIZED INTERSECTIONS									
CENTER BOULEVARD									
CENTER BOULEVARD & 48TH AVENUE (UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)				
Center Boulevard	SB	LT	-	120+	F*	LT	-	120+	F*
		T	-	120+	F*	T	-	120+	F*
48th Avenue	WB	L	-	120+	F*	L	-	120+	F*
		R	-	120+	F*	R	-	120+	F*
Overall Intersection		-	-	120+	F*	-	-	120+	F*
CENTER BOULEVARD & 49TH AVENUE									
Center Boulevard	SB	LT	-	16.0	C	LT	-	23.5	C
49th Avenue	WB	LR	-	80.1	F	LR	-	120+	F*
Overall Intersection		-	-	12.5	B	-	-	31.4	D

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
CENTER BOULEVARD & 50TH AVENUE								
Center Boulevard	SB	L	FREEFLOW	A	LT	-	11.1	B
50th Avenue	WB	R	FREEFLOW	A	-	-	-	-
	#REF!	#REF!	#REF!	#REF!	-	-	2.3	A
CENTER BOULEVARD & 55TH AVENUE								
Center Boulevard	NB	-	-	-	T	-	10.9	B
		-	-	-	TR	-	12.8	B
Overall Intersection	-	-	-	-	-	-	11.9	B
CENTER BOULEVARD & 57TH AVENUE								
57th Avenue	NB	-	-	-	T	-	9.7	A
Overall Intersection	-	-	-	-	-	-	9.7	A
2ND STREET								
2ND STREET & 50TH AVENUE								
2nd Street	NB	LR	-	11.0	B	-	-	-
50th Avenue	EB	-	-	-	-	TR	FREEFLOW	A
Overall Intersection	-	-	5.6	A	-	-	FREEFLOW	A
2ND STREET & 57TH AVENUE								
2nd Street	SB	-	-	-	-	T	-	9.7
Overall Intersection	-	-	-	-	-	-	9.7	A
5TH STREET								
5TH STREET & 48TH AVENUE								
5th Street	NB	LTR	-	9.4	A	LTR	-	9.5
	SB	LTR	-	9.3	A	LTR	-	9.4
48th Avenue	EB	LT	-	9.0	A	LT	-	9.0
		TR	-	8.6	A	TR	-	8.7
	WB	LT	-	9.7	A	LT	-	9.7
		TR	-	8.7	A	TR	-	8.7
Overall Intersection	-	-	9.3	A	-	-	9.3	A

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
5TH STREET & 49TH AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	NB	LTR	-	9.6	A	LTR	-	9.6	A
	SB	LTR	-	8.9	A	LTR	-	8.9	A
49th Avenue	EB	LTR	-	33.9	D	LTR	-	42.0	E
	WB	LTR	-	28.9	D	LTR	-	31.1	D
Overall Intersection	-	-	-	8.2	A	-	-	10.5	B
5TH STREET & 50TH AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	SB	LT	-	7.9	A	LT	-	7.8	A
50th Avenue	EB	LTR	-	32.8	D	LTR	-	120+	F*
Overall Intersection	-	-	-	6.8	A	-	-	104.0	F
5TH STREET & 51ST AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	NB	LT	-	8.1	A	LT	-	8.2	A
51st Avenue	EB	LR	-	12.7	B	LR	-	9.6	A
	WB	LTR	-	14.0	B	LTR	-	27.7	D
Overall Intersection	-	-	-	6.3	A	-	-	13.9	B
5TH STREET & BORDEN AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	SB	LR	-	12.6	B	LR	-	120+	F*
Borden Avenue	EB	L	-	7.9	A	L	-	17.4	C
Overall Intersection	-	-	-	4.3	A	-	-	120+	F*
<u>11TH STREET/11TH PLACE</u>									
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
11th Street	NB	LTR	-	120+	F*	LTR	-	120+	F*
	SB	LTR	-	120+	F*	LTR	-	120+	F*
Borden Avenue	EB	LTR	-	27.5	D	LTR	-	80.7	F
	WB	LTR	-	7.7	A	LTR	-	7.8	A
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
11TH PLACE & 50TH AVENUE										
11th Place	SB	TR	-	12.5	B	TR	-	12.6	B	
50th Avenue	WB	LT	-	7.7	A	LT	-	7.8	A	
Overall Intersection	-	-	-	5.4	A	-	-	5.2	A	
11TH STREET SERVICE ROAD & 49TH AVENUE										
11th Street Service Road	NB	R	-	9.4	A	R	-	9.4	A	
49th Avenue	WB	R	-	9.7	A	R	-	9.7	A	
Overall Intersection	-	-	-	3.8	A	-	-	3.8	A	
11TH STREET & QUEENS PLAZA SOUTH										
11th Street	NB	LTR	-	15.9	C	LTR	-	16.1	C	
Queens Plaza South	EB	LT	-	12.8	B	LT	-	12.8	B	
		TR	-	9.8	A	TR	-	9.8	A	
	WB	LT	-	10.8	B	LT	-	10.8	B	
		TR	-	9.8	A	TR	-	9.9	A	
Overall Intersection	-	-	-	13.3	B	-	-	13.5	B	
OTHER UNSIGNALIZED INTERSECTIONS										
21ST STREET & 50TH AVENUE										
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A			
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A			
Overall Intersection	-	-	FREEFLOW	A	-	FREEFLOW	A			
JACKSON AVENUE & 51ST AVENUE										
Jackson Avenue	NB	T	-	9.5	A	T	-	11.5	B	
51st Avenue	WB	TR	-	14.8	B	TR	-	18.7	C	
Overall Intersection	-	-	-	4.7	A	-	-	5.4	A	

**APPENDIX TABLE 16-5
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (MIDDAY PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build					
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
VERNON BOULEVARD & QUEENS PLAZA SOUTH										
	(UNSIGNALIZED INTERSECTION)				(UNSIGNALIZED INTERSECTION)					
Vernon Boulevard	SB	LT	-	10.2	B	LT	-	10.3	B	
Queens Plaza South	WB	L	-	120+	F*	L	-	120+	F*	
		R	-	17.2	C	R	-	17.7	C	
	Overall Intersection		-	-	8.6	A	-	-	9.3	A

- (1) Control delay is measured in seconds per vehicle.
- (2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.
- (3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.
- (4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.
- (5) F* indicates levels of service F conditions with delays in excess of two minutes for the movement with the asterik (*).

Denotes a significant impact

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	Mvt.	2017 No Build				2017 Build			
		V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
SIGNALIZED INTERSECTIONS									
VERNON BOULEVARD									
VERNON BOULEVARD & 48TH AVENUE									
Vernon Boulevard	NB	LT	0.77	26.9	C	LT	0.87	33.4	C
	SB	TR	0.94	39.0	D	TR	1.03	60.6	E
48th Avenue	EB	L	0.41	36.4	D	L	0.42	36.8	D
		R	0.24	34.4	C	R	0.24	34.4	C
	WB	LTR	1.02	90.0	F	LTR	1.02	90.0	F
Overall Intersection	-		0.84	43.2	D	-	0.89	54.9	D
VERNON BOULEVARD & 49TH AVENUE									
Vernon Boulevard	NB	LTR	0.63	13.0	B	LTR	0.67	13.8	B
	SB	LTR	0.96	32.7	C	LTR	1.05	56.4	E
49th Avenue	EB	LTR	0.16	15.6	B	LTR	0.20	16.0	B
Overall Intersection	-		0.65	24.1	C	-	0.73	37.8	D
VERNON BOULEVARD & 50TH AVENUE									
Vernon Boulevard	NB	TR	0.64	13.4	B	TR	0.67	14.0	B
	SB	LT	0.84	20.2	C	LT	0.95	30.8	C
50th Avenue	EB	LTR	0.39	19.8	B	LTR	0.68	30.5	C
Overall Intersection	-		0.67	17.4	B	-	0.84	24.7	C
VERNON BOULEVARD & 51ST AVENUE									
Vernon Boulevard	NB	LT	0.90	31.5	C	LT	1.01	54.6	D
	SB	TR	0.85	25.0	C	TR	1.02	50.9	D
51st Avenue	WB	LTR	0.48	13.8	B	LTR	0.82	20.1	C
Overall Intersection	-		0.69	23.1	C	-	0.92	37.9	D
VERNON BOULEVARD & BORDEN AVENUE									
Vernon Boulevard	SB	L	1.07	70.1	E	L	1.08	72.7	E
		LR	0.59	16.9	B	LR	1.20+	120+	F*
Borden Avenue	EB	LT	0.90	34.3	C	LT	1.20+	120+	F*
	WB	T	0.57	15.5	B	T	1.17	102.7	F
Overall Intersection	-		0.98	38.6	D	-	1.20+	120+	F*

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	Mvt.	2017 No Build				2017 Build			
		V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
VERNON BOULEVARD & 44TH DRIVE									
Vernon Boulevard	NB	LTR	0.80	16.5	B	LTR	0.85	19.1	B
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.31	19.7	B	LTR	0.31	19.7	B
	WB	LTR	0.84	33.7	C	LTR	0.86	34.7	C
Overall Intersection		-	1.20+	120+	F*	-	1.20+	120+	F*
JACKSON AVENUE/NORTHERN BOULEVARD									
JACKSON AVENUE & 50TH AVENUE									
Jackson Avenue	NB	TR	0.19	10.6	B	TR	0.26	11.2	B
	SB	LT	0.27	11.3	B	LT	0.49	13.8	B
50th Avenue	EB	LTR	0.39	34.5	C	LTR	0.53	37.6	D
	WB	L	0.30	33.6	C	L	0.31	34.1	C
50th Avenue WB Right (Unsignalized)	WB	R	-	10.8	B	R	-	12.2	B
Overall Intersection		-	0.31	16.6	B	-	0.50	17.5	B
JACKSON AVENUE & 49TH AVENUE									
49th Avenue	SB	LTR	0.30	27.3	C	LTR	0.33	27.8	C
Jackson Avenue	EB	TR	0.69	44.8	D	TR	0.91	58.2	E
	WB	LT	0.31	16.6	B	LT	0.58	20.9	C
Overall Intersection		-	0.50	30.5	C	-	0.69	36.3	D
JACKSON AVENUE & 11TH STREET (PULASKI BRIDGE)									
11th Street (Pulaski Bridge)	NB	LT	1.16	119.4	F	LT	1.20+	120+	F*
		R	0.84	46.0	D	R	0.88	50.9	D
Jackson Avenue	SB	LTR	0.74	33.2	C	LTR	0.77	34.2	C
	EB	LT	0.48	31.9	C	DefL	0.79	61.1	E
		-	-	-	-	T	0.83	47.1	D
	WB	DefL	1.16	107.5	F	DefL	1.16	107.3	F
11th Street Service Road		T	0.47	19.5	B	T	0.83	31.6	C
	NB	R	0.60	46.5	D	R	0.60	46.5	D
Overall Intersection		-	1.16	72.9	E	-	1.20+	110.8	F

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	Mvt.	2017 No Build				2017 Build			
		V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
JACKSON AVENUE & 21ST STREET									
21st Street	NB	LTR	1.18	120+	F*	LTR	1.20+	120+	F*
	SB	LTR	1.12	105.0	F	LTR	1.20+	120+	F*
Jackson Avenue	EB	L	0.87	40.9	D	L	1.20+	120+	F*
		TR	0.50	26.2	C	TR	0.58	27.7	C
	WB	L	0.46	15.8	B	L	0.50	17.0	B
		TR	0.88	38.8	D	TR	1.01	59.8	E
Overall Intersection		-	1.01	68.7	E	-	1.20+	100.5	F
JACKSON AVENUE & THOMSON AVENUE									
Jackson Avenue	NB	TR	0.55	20.1	C	TR	0.62	21.5	C
	SB	L	0.18	16.3	B	L	0.21	17.0	B
		T	0.52	19.5	B	T	0.54	19.9	B
Thomson Avenue	WB	L	0.52	29.9	C	L	0.71	35.2	D
		R	0.10	23.4	C	R	0.10	23.4	C
Overall Intersection		-	0.54	21.5	C	-	0.66	23.6	C
JACKSON AVENUE & 44TH DRIVE									
Jackson Avenue	NB	L	0.15	25.9	C	L	0.15	26.0	C
		TR	0.48	29.6	C	TR	0.50	29.9	C
	SB	L	0.53	16.6	B	L	0.53	16.8	B
		TR	0.52	10.0	A	TR	0.54	10.2	B
44th Drive	EB	LTR	0.97	62.1	E	LTR	0.97	62.1	E
		WB	LTR	0.76	40.4	D	LTR	0.76	40.4
Overall Intersection		-	0.76	31.6	C	-	0.77	31.5	C
JACKSON AVENUE/QUEENS PLAZA EAST & QUEENS BOULEVARD									
Jackson Ave - Northern Blvd	NB	TR	0.62	27.3	C	TR	0.63	27.6	C
	SB	T	0.37	20.1	C	T	0.40	20.5	C
Queens Boulevard	EB	T	0.79	28.1	C	T	0.79	28.1	C
		WB	TR	1.15	120+	F*	TR	1.15	120+
Overall Intersection		-	0.88	77.8	E	-	0.88	77.1	E

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
NORTHERN BOULEVARD & QUEENS PLAZA NORTH/41ST AVENUE									
Northern Boulevard	NB	LTR	1.08	89.9	F	LTR	1.11	103.4	F
	SB	LT	0.86	57.5	E	LT	0.94	67.2	E
		R	0.86	29.0	C	R	0.86	29.0	C
Queens Plaza North/41st Avenue	EB	L	0.91	41.7	D	L	0.91	41.7	D
	WB	LTR	0.06	42.2	D	LTR	0.06	42.2	D
		Overall Intersection				-	0.78	58.0	E
NORTHERN BOULEVARD/31ST STREET & 40TH AVENUE									
31st Street	SB	LTR	0.81	52.4	D	LTR	0.85	54.6	D
Northern Boulevard	EB	L	1.20+	120+	F*	L	1.20+	120+	F*
		T	0.66	10.4	B	T	0.66	10.4	B
	WB	TR	0.51	8.4	A	TR	0.51	8.4	A
Overall Intersection				-	1.20+	120+	F*		
21ST STREET									
21ST STREET & QUEENS PLAZA NORTH									
21st Street	NB	LT	1.20+	119.4	F	LT	1.20+	120+	F*
	SB	TR	0.53	18.6	B	TR	0.57	19.2	B
Queens Plaza North	WB	LTR	1.16	120+	F*	LTR	1.16	120+	F*
Overall Intersection				-	1.19	92.7	F		
21ST STREET & QUEENS PLAZA SOUTH									
21st Street	NB	LTR	0.95	11.5	B	LTR	0.98	15.6	B
	SB	LTR	0.67	9.6	A	LTR	0.71	10.6	B
Queens Plaza South	EB	L	0.52	50.8	D	L	0.52	50.8	D
		TR	0.80	64.2	E	TR	0.80	64.2	E
Overall Intersection				-	0.92	16.3	B		
21ST STREET & 44TH DRIVE									
21st Street	NB	LTR	0.82	24.5	C	LTR	0.86	27.5	C
	SB	LTR	1.20+	120+	F*	LTR	1.20+	120+	F*
44th Drive	EB	LTR	0.80	46.7	D	LTR	0.80	46.9	D
	WB	LTR	0.89	54.9	D	LTR	0.90	55.6	E
Overall Intersection				-	1.11	75.7	E		

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	<u>2017 No Build</u>					<u>2017 Build</u>			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS
<u>VAN DAM STREET</u>									
VAN DAM STREET & THOMSON AVENUE/QUEENS BOULEVARD									
Van Dam Street	NB	L	1.20+	120+	F*	L	1.20+	120+	F*
		TR	1.11	120+	F*	TR	1.11	120+	F*
Queens Boulevard (to Queens Boulevard.)	EB	T	1.20	120+	F*	T	1.20	120+	F*
Queens Boulevard (to Van Dam Street)		T	1.08	111.1	F	T	1.08	111.1	F
Queens Boulevard (to Thomson Avenue WB)		R	0.07	46.7	D	R	0.07	46.7	D
Thomson Avenue	EB	T	1.15	102.2	F	T	1.18	116.6	F
		R	1.00	62.8	E	R	1.00	62.8	E
Queens Boulevard (to Thomson Avenue WB)	WB	L	0.60	62.0	E	L	0.72	65.4	E
Queens Boulevard (to Viaduct)		TR	0.34	9.1	A	TR	0.34	9.1	A
Overall Intersection	-	1.20+	105.4	F	-	1.20+	109.1	F	-
VAN DAM STREET & LIE EXIT RAMP									
Van Dam Street	NB	LT	0.35	21.6	C	LT	0.35	21.6	C
		SB	1.20+	120+	F*	TR	1.20+	120+	F*
LIE Exit Ramp	WB	TR	1.08	73.8	E	TR	1.20+	120+	F*
		-	-	-	-	-	-	-	-
Overall Intersection	-	1.20+	117.9	F	-	1.20+	120+	F*	-
VAN DAM STREET & BORDEN AVENUE									
Van Dam Street	NB	TR	0.50	39.4	D	TR	0.50	39.4	D
		SB	1.20+	120+	F*	DefL	1.20+	120+	F*
		T	0.66	21.6	C	T	0.66	21.6	C
Borden Avenue	EB	LTR	1.13	104.0	F	LTR	1.16	119.3	F
Overall Intersection	-	1.20+	120+	F*	-	1.20+	120+	F*	-
<u>CENTER BOULEVARD</u>									
CENTER BOULEVARD & 51ST AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.49	11.5	B
		SB	-	-	-	T	0.05	7.8	A
51st Avenue	WB	-	-	-	-	LR	0.17	14.7	B
Overall Intersection	-	-	-	-	-	-	0.36	11.6	B

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
CENTER BOULEVARD & BORDEN AVENUE									
Center Boulevard	NB	-	-	-	-	TR	0.61	33.6	C
		-	-	-	-	R	0.47	30.8	C
Borden Ave	SB	-	-	-	-	L	0.10	25.9	C
	WB	-	-	-	-	R	0.49	32.4	C
Overall Intersection		-	-	-	-	-	0.55	32.0	C
CENTER BOULEVARD & 54TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.28	15.2	B
54th Avenue	WB	-	-	-	-	R	0.40	10.5	B
Overall Intersection		-	-	-	-	-	0.35	12.8	B
CENTER BOULEVARD & 56TH AVENUE									
Center Boulevard	NB	-	-	-	-	T	0.03	16.3	B
56th Avenue	WB	-	-	-	-	R	0.45	8.7	A
Overall Intersection		-	-	-	-	-	0.31	9.2	A
<u>2ND STREET</u>									
2ND STREET & 51ST AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.6	A	LTR	0.05	10.5	B
51st Avenue	WB	LR	-	10.5	B	LT	0.48	14.4	B
Overall Intersection		-	-	2.3	A	-	0.27	13.8	B
2ND STREET & BORDEN AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	7.7	A	LTR	0.49	43.3	D
Borden Avenue	EB	-	-	-	-	TR	0.45	27.9	C
	WB	LR	-	11.0	B	DefL	0.89	36.0	D
	-	-	-	-	-	T	0.23	6.8	A
Overall Intersection		-	-	6.5	A	-	0.82	30.5	C
2ND STREET & 54TH AVENUE (UNSIGNALIZED INTERSECTION)					(SIGNALIZED INTERSECTION)				
2nd Street	SB	LT	-	8.0	A	LTR	0.99	40.0	D
54th Avenue	WB	LR	-	9.4	A	LT	0.21	11.6	B
Overall Intersection		-	-	6.0	A	-	0.60	35.3	D

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build				
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
2ND STREET & 55TH AVENUE									
2nd Street	SB	-	-	-	LT	0.38	12.7	B	
55th Avenue	EB	-	-	-	TR	0.06	10.6	B	
Overall Intersection	-	-	-	-	-	0.22	12.5	B	
2ND STREET & 56TH AVENUE									
2nd Street	SB	-	-	-	T	0.01	2.4	A	
		-	-	-	R	0.51	5.0	A	
Overall Intersection	-	-	-	-	-	0.51	5.0	A	
11TH STREET									
11TH STREET & 44TH DRIVE									
11th Street	NB	LTR	0.55	12.3	B	LTR	0.55	12.4	B
	SB	LTR	0.57	13.3	B	LTR	0.57	13.3	B
44th Drive	EB	LTR	0.91	45.8	D	LTR	0.91	45.8	D
	WB	LTR	1.06	82.6	F	LTR	1.07	86.0	F
Overall Intersection	-	0.74	35.7	D	-	0.74	36.6	D	
UNSIGNALIZED INTERSECTIONS									
CENTER BOULEVARD									
CENTER BOULEVARD & 48TH AVENUE (UNSIGNALIZED INTERSECTION)									
Center Boulevard	SB	LT	-	28.0	D	LT	-	120+	F*
		T	-	25.3	D	T	-	43.5	E
48th Avenue	WB	L	-	120+	F*	L	-	120+	F*
		R	-	45.4	E	R	-	120+	F*
Overall Intersection	-	-	50.5	E	-	-	120+	F*	
CENTER BOULEVARD & 49TH AVENUE									
Center Boulevard	SB	LT	-	10.3	B	LT	-	13.4	B
49th Avenue	WB	LR	-	29.1	D	LR	-	63.7	F
Overall Intersection	-	-	3.6	A	-	-	5.7	A	

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build				2017 Build			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS
CENTER BOULEVARD & 50TH AVENUE								
Center Boulevard	SB	L	FREEFLOW	A	LT	-	10.9	B
50th Avenue	WB	R	FREEFLOW	A	-	-	-	-
Overall Intersection	-	-	FREEFLOW	A	-	-	1.8	A
CENTER BOULEVARD & 55TH AVENUE								
Center Boulevard	NB	-	-	-	T	-	10.9	B
		-	-	-	TR	-	24.5	C
Overall Intersection	-	-	-	-	-	-	19.0	C
CENTER BOULEVARD & 57TH AVENUE								
57th Avenue	NB	-	-	-	T	-	9.6	A
Overall Intersection	-	-	-	-	-	-	9.6	A
2ND STREET								
2ND STREET & 50TH AVENUE								
2nd Street	NB	LR	-	14.5	B	-	-	-
50th Avenue	EB	-	-	-	-	TR	FREEFLOW	A
Overall Intersection	-	-	-	8.8	A	-	FREEFLOW	A
2ND STREET & 57TH AVENUE								
2nd Street	SB	-	-	-	-	T	-	9.6
Overall Intersection	-	-	-	-	-	-	-	9.6
5TH STREET								
5TH STREET & 48TH AVENUE								
5th Street	NB	LTR	-	11.1	B	LTR	-	11.1
	SB	LTR	-	9.5	A	LTR	-	9.6
48th Avenue	EB	LT	-	9.3	A	LT	-	9.4
		TR	-	8.8	A	TR	-	8.8
	WB	LT	-	9.7	A	LT	-	9.7
		TR	-	9.2	A	TR	-	9.3
Overall Intersection	-	-	-	10.0	A	-	-	10.0

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	2017 No Build					2017 Build			
	Mvt.	V/C	Delay	LOS		Mvt.	V/C	Delay	LOS
5TH STREET & 49TH AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	NB	LTR	-	9.6	A	LTR	-	9.6	A
	SB	LTR	-	9.6	A	LTR	-	9.6	A
49th Avenue	EB	LTR	-	62.4	F	LTR	-	98.4	F
	WB	LTR	-	50.6	F	LTR	-	64.4	F
Overall Intersection	-	-	-	8.9	A	-	-	15.6	C
5TH STREET & 50TH AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	SB	LT	-	7.9	A	LT	-	7.8	A
50th Avenue	EB	LTR	-	38.0	E	LTR	-	120+	F*
Overall Intersection	-	-	-	6.2	A	-	-	120+	F*
5TH STREET & 51ST AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	NB	LT	-	7.9	A	LT	-	8.2	A
51st Avenue	EB	LR	-	14.8	B	LR	-	120+	F*
	WB	LTR	-	16.7	C	LTR	-	120+	F*
Overall Intersection	-	-	-	4.5	A	-	-	120+	F*
5TH STREET & BORDEN AVENUE	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
5th Street	SB	LR	-	15.6	C	LR	-	120+	F*
Borden Avenue	EB	L	-	8.2	A	L	-	120+	F*
Overall Intersection	-	-	-	3.8	A	-	-	120+	F*
11TH STREET/11TH PLACE									
11TH STREET & BORDEN AVENUE AT QMT TOLL PLAZA EXIT RAMP	(UNSIGNALIZED INTERSECTION)					(UNSIGNALIZED INTERSECTION)			
11th Street	NB	LTR	-	120+	F*	LTR	-	120+	F*
	SB	LTR	-	120+	F*	LTR	-	120+	F*
Borden Avenue	EB	LTR	-	109.8	F	LTR	-	120+	F*
	WB	LTR	-	8.1	A	LTR	-	8.1	A
Overall Intersection	-	-	-	120+	F*	-	-	120+	F*

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	<u>2017 No Build</u>					<u>2017 Build</u>			
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS	
11TH PLACE & 50TH AVENUE									
11th Place	SB	TR	-	13.4	B	TR	-	13.6	B
50th Avenue	WB	LT	-	7.6	A	LT	-	7.6	A
Overall Intersection	-	-	5.4	A	-	-	5.2	A	
11TH STREET SERVICE ROAD & 49TH AVENUE									
11th Street Service Road	NB	R	-	9.9	A	R	-	9.9	A
49th Avenue	WB	R	-	9.3	A	R	-	9.3	A
Overall Intersection	-	-	3.2	A	-	-	3.2	A	
11TH STREET & QUEENS PLAZA SOUTH									
11th Street	NB	LTR	-	14.6	B	LTR	-	14.9	B
Queens Plaza South	EB	LT	-	13.1	B	LT	-	13.3	B
		TR	-	10.3	B	TR	-	10.3	B
	WB	LT	-	11.3	B	LT	-	11.3	B
		TR	-	9.6	A	TR	-	9.7	A
Overall Intersection	-	-	12.7	B	-	-	12.9	B	
<u>OTHER UNSIGNALIZED INTERSECTIONS</u>									
21ST STREET & 50TH AVENUE									
21st Street	NB	LT	FREEFLOW	A	LT	FREEFLOW	A		
50th Avenue	SB	R	FREEFLOW	A	R	FREEFLOW	A		
Overall Intersection	-	-	FREEFLOW	A	-	-	FREEFLOW	A	
JACKSON AVENUE & 51ST AVENUE									
Jackson Avenue	NB	T	-	9.4	A	T	-	11.2	B
51st Avenue	WB	TR	-	11.7	B	TR	-	15.2	C
Overall Intersection	-	-	4.7	A	-	-	4.8	A	

**APPENDIX TABLE 16-6
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2017 NO BUILD VS. BUILD TRAFFIC LEVELS OF SERVICE COMPARISON (PM PEAK HOUR)**

INTERSECTION & APPROACH	<u>2017 No Build</u>				<u>2017 Build</u>					
	Mvt.	V/C	Delay	LOS	Mvt.	V/C	Delay	LOS		
VERNON BOULEVARD & QUEENS PLAZA SOUTH										
	(UN SIGNALIZED INTERSECTION)				(UN SIGNALIZED INTERSECTION)					
Vernon Boulevard	SB	LT	-	10.8	B	LT	-	11.1	B	
Queens Plaza South	WB	L	-	120+	F*	L	-	120+	F*	
		R	-	33.5	D	R	-	37.0	E	
	Overall Intersection		-	-	8.6	A	-	-	9.5	A

- (1) Control delay is measured in seconds per vehicle.
- (2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.
- (3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.
- (4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.
- (5) F* indicates levels of service F conditions with delays in excess of two minutes for the movement with the asterik (*).

Denotes a significant impact

**APPENDIX TABLE 16-7
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 WEEKDAY ON-STREET PARKING INVENTORY**

		Total Legal Spaces	Metered Spaces	Non- metered Spaces	AM			Midday			PM			PARKING REGULATIONS
					7 - 8 AM	8 - 9 AM	9 - 9:30 AM	11 AM - 12 PM	12 - 1 PM	1 - 2 PM	4 - 5 PM	5 - 6 PM	6 - 7 PM	
North - South Routes														
2nd Street between Dead End and 54th Ave.	East	0	0	0	0	0	0	0	0	0	0	0	0	No Parking by order of PANYNJ
	West	0	0	0	8	6	5	10	4	7	15	15	12	No Parking by order of PANYNJ
2nd Street between 54th Ave. and Borden Ave.	East	2	0	2	2	2	2	3	2	2	2	1	1	No Parking Anytime, No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Parking 8 AM - 8 PM Except Sunday
	West	13	0	13	13	12	13	13	14	14	2	2	2	No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Parking 8 AM - 8 PM Including Sunday [Construction]
2nd Street between Borden Ave. and 51st Ave.	East	3	0	3	2	4	4	4	4	4	5	5	5	No Standing Anytime, No Parking 6 AM - 8 AM Except Sunday
	West	12	0	12	0	12	12	11	14	11	12	12	12	No Parking 6 AM - 8 AM Except Sunday
2nd Street between 51st Ave. and 50th Ave.	East	4	0	4	1	0	0	0	0	0	0	0	4	No Standing Anytime, No Parking 7 AM - 6 PM Monday-Friday [Temporary Construction]
	West	8	0	8	9	9	9	9	9	9	6	8	8	No Parking 6 AM - 8 AM Except Sunday
Center Boulevard between 50th Ave. and 49th Ave.	East	9	0	9	10	10	10	11	10	11	10	10	10	No Regulations
	West	5	0	5	7	3	4	6	6	6	1	5	5	No Regulations, No Standing Anytime
Center Boulevard between 49th Ave. and 48th Ave.	East	7	0	7	9	8	8	9	7	9	8	8	8	No Regulations
	West	10	0	10	14	16	16	14	14	16	16	15	15	No Regulations
Center Boulevard between 48th Ave. and 47th Rd.	East	11	0	11	0	0	0	0	0	0	0	0	0	No Regulations
	West	11	0	11	12	11	12	12	12	12	12	11	11	No Regulations
Center Boulevard between 47th Rd. and 47th Ave.	East	9	0	9	0	0	0	0	0	0	0	0	0	No Regulations
	West	9	0	9	0	0	0	0	0	0	0	0	0	No Regulations
5th Street between Borden Ave. and 51st Ave.	East	7	0	7	7	8	8	9	9	8	8	7	6	No Regulations
	West	7	0	7	1	1	1	1	2	2	3	6	6	No Regulations
5th Street between 51st Ave. and 50th Ave.	East	8	0	8	9	8	8	9	9	9	9	9	7	No Regulations
	West	10	0	10	6	3	3	1	3	6	3	4	8	No Parking 8 AM - 6 PM Monday-Friday
5th Street between 50th Ave. and 49th Ave.	East	7	0	7	8	8	8	7	8	8	7	7	7	No Regulations
	West	10	0	10	11	11	10	7	10	9	9	9	9	No Regulations
5th Street between 49th Ave. and 48th Ave.	East	7	0	7	7	7	6	7	7	6	7	7	7	No Regulations
	West	7	0	7	7	7	7	7	6	7	7	7	6	No Regulations
5th Street between 48th Ave. and 47th Rd.	East	5	0	5	6	6	5	6	5	4	3	3	4	No Regulations
	West	10	0	10	0	0	2	0	0	0	0	0	0	No Regulations [Construction]
5th Street between 47th Rd. and 47th Ave.	East	5	0	5	0	1	0	0	0	1	1	1	0	No Standing 7 AM - 6 PM [Temporary Construction]
	West	7	0	7	0	1	0	0	0	0	0	0	0	No Standing 7 AM - 6 PM [Temporary Construction]
5th Street between 47th Ave. and 46th Rd.	East	8	0	8	6	6	6	6	6	4	5	3	0	
	West	0	0	0	0	0	0	0	0	0	0	0	1	
Vernon Boulevard between Dead End and 53rd Ave.	East	23	0	23	44	47	48	47	48	42	23	18	12	No Regulations, Angle Parking Only
between Dead End and 54th Ave.	West	11	0	11	8	7	9	10	11	7	4	3	3	No Regulations, Angle Parking Only
between 54th Ave. and 53rd Ave.	West	19	0	19	15	17	16	15	16	9	9	7	6	No Regulations
Vernon Boulevard between Borden Ave. and 51st Ave. (SB)	East	0	0	0	0	0	0	0	1	0	1	0	0	No Regulations, No Standing [Q103 Bus]
between Borden Ave. and 51st Ave. (SB)	West	4	0	4	7	6	6	6	6	6	6	8	7	
Triangle between Jackson Ave. and 51st Ave. (Two rows of parking in middle of road)	Triangle	6	6	0	9	9	10	10	10	10	7	6	5	2 Hr. Meter Parking 9 AM - 7 PM Except Sunday
	Road 1	24	24	0	23	21	19	20	20	19	21	20	20	12 Hr. Meter Parking 7 AM - 7 PM Except Sunday
	Road 2	23	23	0	21	21	21	21	21	21	21	21	21	12 Hr. Meter Parking 7 AM - 7 PM Except Sunday
Vernon Boulevard NB between 51st Ave. and 50th Ave.	East	0	0	0	0	0	0	0	0	0	0	0	0	No Standing Anytime Except Police Vehicles
	West	0	0	0	0	0	0	0	0	0	0	0	0	No Standing Anytime Except Police Vehicles
Vernon Boulevard SB between 51st Ave. and 50th Ave.	East	0	0	0	0	0	0	0	0	0	0	0	0	No Standing Anytime Except Police Vehicles
	West	7	0	7	9	8	8	8	10	8	7	6	6	No Regulations, No Parking Anytime [Midblock]

**APPENDIX TABLE 16-7
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 WEEKDAY ON-STREET PARKING INVENTORY**

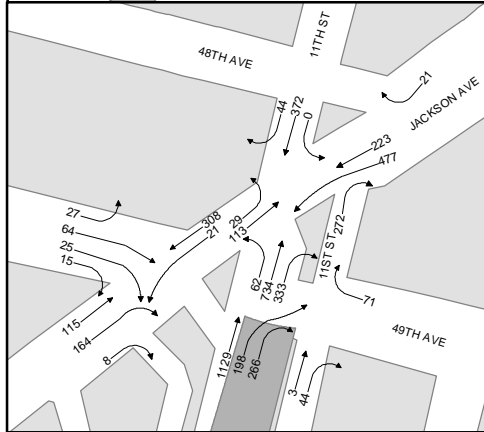
		Total Legal Spaces	Metered Spaces	Non- metered Spaces	AM			Midday			PM			PARKING REGULATIONS
					7 - 8 AM	8 - 9 AM	9 - 9:30 AM	11 AM - 12 PM	12 - 1 PM	1 - 2 PM	4 - 5 PM	5 - 6 PM	6 - 7 PM	
Vernon Boulevard between 50th Ave. and 49th Ave.	East West	3 4	3 4	0 0	8 7	5 6	8 7	8 7	5 5	6 5	5 8	5 3	7 5	No Parking Anytime, 1 Hr. Meter Parking 9 AM - 7 PM Except Sunday No Standing [Q103 Bus], 1 Hr. Meter Parking 9 AM - 7 PM Except Sunday
Vernon Boulevard between 49th Ave. and 48th Ave.	East West	5 7	0 3	5 4	5 7	5 6	5 7	8 8	5 8	5 7	3 7	3 8	5 6	1 Hr. Meter Parking 9 AM - 7 PM Except Sunday, No Standing [Q103 Bus Stop] 1 Hr. Meter Parking 9 AM - 7 PM Except Sunday
Vernon Boulevard between 48th Ave. and 47th Rd.	East West	8 9	8 9	0 0	8 9	9 7	9 8	8 9	8 9	9 9	8 7	7 8	7 8	2 Hr. Meter Parking 9 AM - 7 PM Except Sunday 2 Hr. Meter Parking 9 AM - 7 PM Except Sunday
Vernon Boulevard between 47th Rd. and 47th Ave.	East West	6 9	2 9	4 0	5 7	6 9	5 8	6 9	6 9	4 8	6 9	6 9	5 9	2 Hr. Meter Parking 9 AM - 7 PM Except Sunday, No Standing [Q103 Bus Stop] 2 Hr. Meter Parking 9 AM - 7 PM Except Sunday
Vernon Boulevard between 47th Ave. and 46th Rd.	East West	6 6	6 6	0 0	6 6	5 5	6 7	6 7	5 8	5 7	4 7	4 6	1 5	
Jackson Avenue between Borden Ave. and 51st Ave.	East West	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	No Standing Anytime Except Police Vehicles No Standing Anytime
Jackson Avenue between 51st Ave. and 50th Ave.	East West	10 9	10 9	0 0	5 8	9 9	10 10	11 11	10 13	8 13	9 11	4 8	4 7	1 Hr. Meter Parking 9 AM - 7 PM Except Sunday 1 Hr. Meter Parking 9 AM - 7 PM Except Sunday
Jackson Avenue between 50th Ave. and 49th Ave.	East West	4 10	4 6	0 4	4 9	4 10	4 10	4 12	5 10	7 11	2 13	4 7	2 8	1 Hr. Meter Parking 9 AM - 7 PM Except Sunday 1 Hr. Meter Parking 9 AM - 7 PM Except Sunday
11th Street between 51st Ave. and 50th Ave.	East West	7 0	0 0	7 0	7 0	7 0	8 0	8 0	8 0	7 0	5 0	7 0	7 0	No Standing [Temporary Construction] No Standing Anytime
11th Street between 50th Ave. and 49th Ave.	East West	11 4	0 4	11 0	10 2	10 2	9 3	10 2	10 3	10 3	10 1	10 1	9 3	No Regulations No Standing Anytime
East - West Routes														
54th Avenue between 2nd St. and Vernon Blvd.	North South	18 30	0 0	18 30	32 72	30 63	28 57	23 48	25 55	29 46	20 42	17 33	18 28	No Parking Anytime No Parking 6 AM - 8 AM Except Sunday, No Parking Anytime
53rd Avenue between Vernon Blvd. and 11th St.	North South	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	No Regulations, No Parking Anytime No Regulations, No Parking Anytime
Borden Avenue between 2nd St. and Vent Tower	Triangle North South	13 12 5	13 8 5	0 4 0	4 4 5	11 7 5	13 10 6	13 9 6	12 9 4	12 12 6	10 11 4	12 12 3	12 13 5	No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Meter Parking 8 AM - 8 PM Except Sunday No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Parking 8 AM to 8 PM Except Sunday, No Parking Anytime No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Parking 8 AM to 8 PM Except Sunday
Borden Avenue between Vent Tower and 5th St.	North South	3 0	0 0	3 0	3 0	4 0	4 0	4 0	4 0	4 0	3 0	1 0	0 0	No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Parking 8 AM to 8 PM Except Sunday, No Parking Anytime No Parking Anytime
Borden Avenue between 5th St. and Vernon Blvd.	North South	0 26	0 26	0 0	0 13	0 24	0 23	0 24	0 24	0 24	0 21	0 19	0 22	No Standing Except Authorized Vehicles [Construction, Regulations Unknown] No Parking 6 AM - 8 AM Except Sunday, 4 Hr. Meter Parking 8 AM - 8 PM Except Sunday
Borden Avenue between Vernon Blvd. and 11th St.	North South	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	No Parking Anytime No Parking Anytime
51st Avenue between 2nd St. and 5th St.	North South	17 13	0 0	17 13	0 12	0 12	0 11	0 13	0 11	0 11	0 9	0 9	8 11	No Standing Anytime, No Parking 7 AM - 6 PM Monday-Friday [Temporary Construction] No Parking 7 AM - 4 PM Monday-Friday [Midblock]
51st Avenue between 5th St. and Vernon Blvd.	North South	19 25	0 0	19 25	22 28	21 29	20 31	22 32	23 32	20 30	24 29	26 25	22 23	No Parking 8 AM - 6 PM Monday-Friday, No Standing Except Trucks Loading and Unloading 7 AM - 7 PM Monday-Friday No Regulations. No Parking 7 AM - 7 PM Monday-Friday [Midblock], No Parking Anytime [2 Spaces East of Curb]
51st Avenue between Vernon Blvd. and Jackson Ave.	North South	2 0	0 0	2 0	0 0	0 0	0 0	2 0	0 0	0 0	0 0	0 0	0 0	No Regulations No Regulations
51st Avenue between Jackson Ave. and 11th St.	North South	17 11	0 0	17 11	20 12	20 13	21 12	20 12	21 13	20 12	17 12	19 13	19 13	No Regulations No Regulations
50th Avenue between Center Blvd. and 2nd St.	North South	8 0	0 0	8 0	10 0	12 0	13 0	11 0	11 0	12 0	11 0	11 0	11 0	No Regulations No Standing Anytime
50th Avenue between 2nd St. and 5th St.	North South	17 21	0 0	17 21	12 18	13 22	12 22	12 21	12 22	12 23	12 22	12 20	12 22	No Standing 7 AM - 7 PM Monday-Friday [East], No Regulations [West] No Parking 8 AM - 6 PM Monday-Friday [East], No Regulations [West]

**APPENDIX TABLE 16-7
HUNTER'S POINT SOUTH REZONING AND RELATED ACTIONS EIS
2007 WEEKDAY ON-STREET PARKING INVENTORY**

		Total Legal Spaces	Metered Spaces	Non- metered Spaces	AM			Midday			PM			PARKING REGULATIONS
					7 - 8 AM	8 - 9 AM	9 - 9:30 AM	11 AM - 12 PM	12 - 1 PM	1 - 2 PM	4 - 5 PM	5 - 6 PM	6 - 7 PM	
50th Avenue between 5th St. and Vernon Blvd.	North	12	0	12	13	13	15	13	13	13	13	14	11	<i>No Standing Except Authorized Police Vehicles [East], No Parking 8 AM - 6 PM Monday-Friday [West]</i> <i>No Standing Except Authorized Police Vehicles [East], No Regulations [West]</i>
	South	14	0	14	17	14	14	15	14	16	17	16	15	
50th Avenue between Vernon Blvd. and Jackson Ave.	North	8	8	0	8	12	12	10	10	11	10	8	8	<i>1 Hr. Meter Parking 9 AM - 7 PM Except Sunday</i> <i>1 Hr. Meter Parking 9 AM - 7 PM Except Sunday</i>
	South	7	7	0	9	9	9	9	9	9	8	7	8	
50th Avenue between Jackson Ave. and 11th St.	North	5	0	5	4	4	4	3	3	2	2	3	3	<i>No Regulations</i> <i>No Regulations</i>
	South	4	0	4	3	4	3	3	4	4	4	4	2	
49th Avenue between Center Blvd. and 5th St.	North	18	0	18	26	21	20	20	21	16	23	19	23	<i>No Regulations, No Parking Anytime [Midblock], No Parking 7 AM - 4 PM School Days [West]</i> <i>No Regulations</i>
	South	23	0	23	17	26	26	26	26	27	26	26	24	
49th Avenue between 5th St. and Vernon Blvd.	North	26	0	26	24	25	25	26	26	25	25	26	29	<i>No Regulations, No Parking 8 AM - 6 PM Monday-Friday</i> <i>No Regulations</i>
	South	29	0	29	31	31	31	31	31	31	29	30	30	
49th Avenue between Vernon Blvd. and Jackson Ave.	North	22	0	22	19	19	18	18	20	21	18	17	18	<i>No Regulations [West/East], No Parking Anytime [Midblock], No Parking 8 AM - 6 PM Monday-Friday [East]</i> <i>No Parking 8 AM - 6 PM Monday-Friday [West], No Parking 7 AM - 4 PM School Days [Midblock], No Regulations [East]</i>
	South	29	0	29	15	16	15	17	18	24	17	20	18	
48th Avenue between Center Blvd. and 5th St.	North	18	0	18	0	0	0	0	0	0	0	0	0	<i>No Parking 8 AM - 6 PM Monday-Friday [NPA Temporary Construction]</i> <i>No Parking 8 AM - 6 PM Monday-Friday [West]</i>
	South	16	0	16	24	22	17	15	16	18	16	19	24	
48th Avenue between 5th St. and Vernon Blvd.	North	28	0	28	25	17	19	20	18	17	10	11	13	<i>No Regulations</i> <i>No Standing Except Farmers Market Vehicles 8 AM - 6 PM on Saturday July - December</i>
	South	30	0	30	32	32	32	32	34	33	31	32	32	
47th Road between 5th St. and Vernon Blvd.	North	25	5	20	31	27	28	27	24	26	23	22	18	<i>No Regulations [West], 2 Hr. Meter Parking 9 AM - 7 PM Except Sunday</i> <i>No Regulations [West], 2 Hr. Meter Parking 9 AM - 7 PM Except Sunday</i>
	South	29	4	25	24	23	21	22	21	23	20	15	18	
47th Avenue between 5th St. and Vernon Blvd.	North	20	0	20	24	25	26	23	26	28	27	23	19	<i>No Regulations</i> <i>No Regulations [West], 2 Hr. Meter Parking 9 AM - 7 PM Except Sunday</i>
	South	21	4	17	24	25	24	30	27	28	20	24	17	
Totals		1087	216	871	1041	1061	1062	1065	1070	1056	951	912	902	
Percent Occupancy (%)					96%	98%	98%	98%	98%	97%	87%	84%	83%	

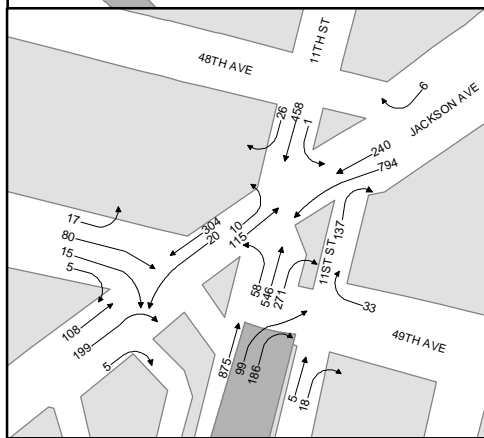
Streets Closed for Contructions (Use for No Build and Build) - Estimated Number of Spaces														
		Total Legal Spaces	Metered Spaces	Non- metered Spaces	AM			Midday			PM			PARKING REGULATIONS
					7 - 8 AM	8 - 9 AM	9 - 9:30 AM	11 AM - 12 PM	12 - 1 PM	1 - 2 PM	4 - 5 PM	5 - 6 PM	6 - 7 PM	
47th Road between Center Blvd. and end	North	6	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	<i>Closed for Construction (Spaces Estimated)</i> <i>Closed for Construction (Spaces Estimated)</i>
	South	6	0	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	
47th Road between Center Blvd. and 5th St.	North	17	0	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	<i>Closed for Construction (Spaces Estimated)</i> <i>Closed for Construction (Spaces Estimated)</i>
	South	17	0	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	
47th Avenue between Center Blvd. and 5th St.	North	17	0	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	<i>Closed for Construction (Spaces Estimated)</i> <i>Closed for Construction (Spaces Estimated)</i>
	South	17	0	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	
No Build Occupancy (0.5% Background Growth)					1094	1115	1116	1119	1125	1110	1000	959	948	
Percent Occupancy - No Build (%)		1167	216	951	94%	96%	96%	96%	96%	95%	86%	82%	81%	

Note - Approximately 80 parking spaces were not available in the existing condition due to construction. These spaces are expected to be available in the future condition resulting in a lower percent occupancy.



Not to Scale







Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- - >) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.

TOTAL NO BUILD TRIP GENERATION *Not to Scale*
AM IN: 1,137
AM OUT: 1,315



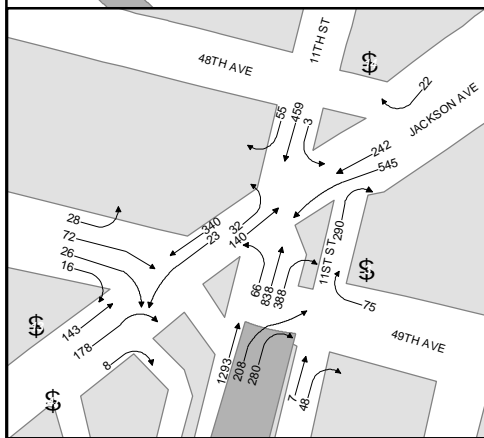
Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- - >) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.

TOTAL NO BUILD TRIP GENERATION *Not to Scale*
MIDDAY IN: 1,147
MIDDAY OUT: 1,046



Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- - >) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.

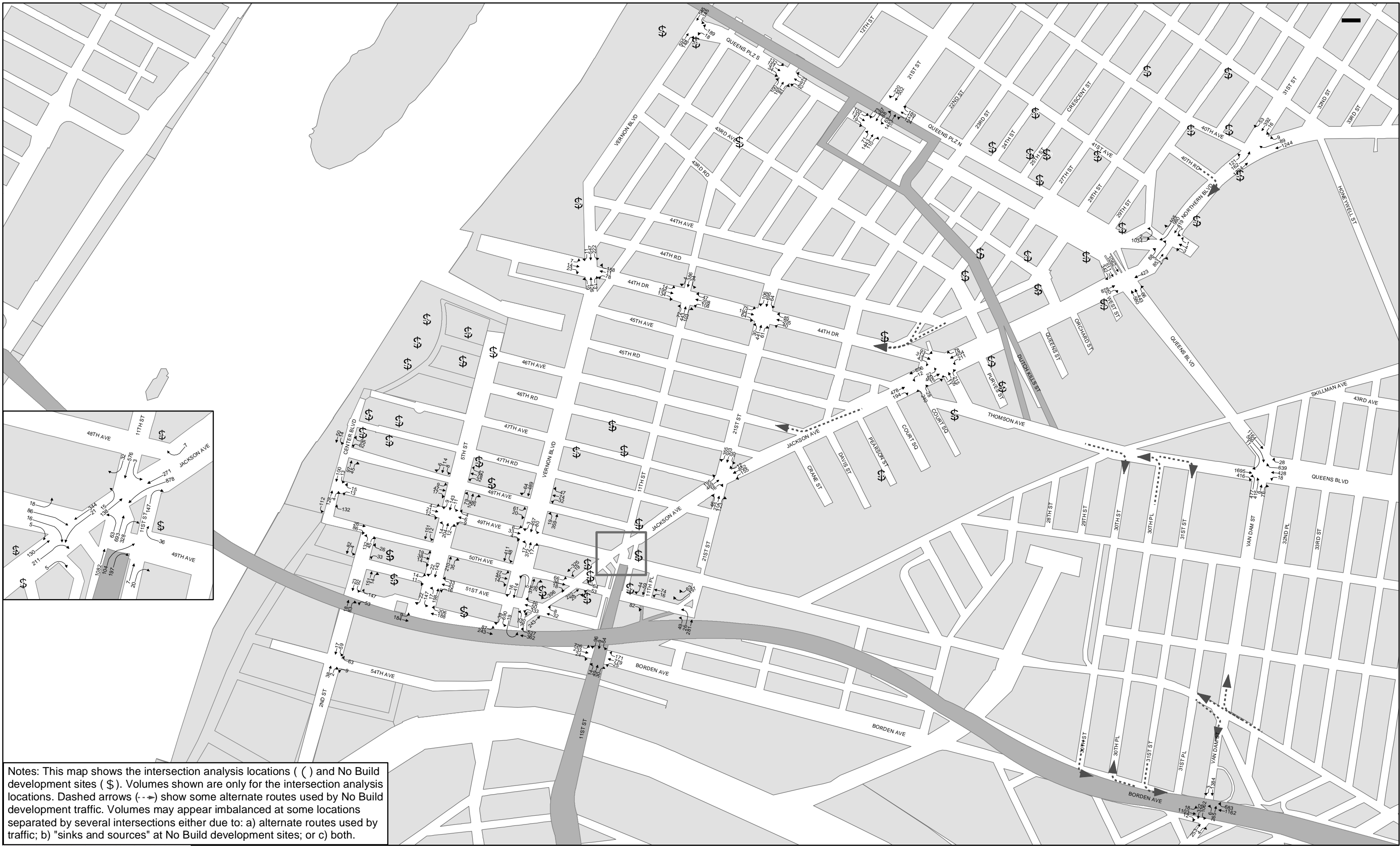
TOTAL NO BUILD TRIP GENERATION *Not to Scale*
PM IN: 1,565
PM OUT: 1,534



Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- - >) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.



Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- - >) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.



Notes: This map shows the intersection analysis locations () and No Build development sites (\$). Volumes shown are only for the intersection analysis locations. Dashed arrows (- -) show some alternate routes used by No Build development traffic. Volumes may appear imbalanced at some locations separated by several intersections either due to: a) alternate routes used by traffic; b) "sinks and sources" at No Build development sites; or c) both.



TOTAL BUILD TRIP GENERATION
AM IN: 456
AM OUT: 922

Not to Scale



TOTAL BUILD TRIP GENERATION

MD IN: 359
MD OUT: 360

Not to Scale







