

**TABLE IV.F-6a****QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
3. CENTRAL PARK AVENUE NB AND SOUTH DRIVEWAY (UNIGNALIZED)	WESTBOUND	RIGHT	125	-	52	-	57	-	63
3a. CENTRAL PARK AVENUE NB AND SOUTH DRIVE (SIGNALIZED W/IMPROVEMENTS)	WESTBOUND	RIGHT	125					58	115
	NORTHBOUND	THRU	145					180	345
4. CENTRAL PARK AVENUE NB AND MALL AT CROSS COUNTY DRIVEWAY (SIGNALIZED)	WESTBOUND	RIGHT	150	10	20	10	20	10	20
	NORTHBOUND	THRU	450	248	455	275	500	278	508
4a. CENTRAL PARK AVENUE AND MALL AT CROSS COUNTY DRIVEWAY (SIGNALIZED W/IMPROVEMENTS)	WESTBOUND	RIGHT	150					13	25
	NORTHBOUND	THRU	450					108	213
5. CENTRAL PARK AVENUE SB AND MILE SQUARE RD. (SIGNALIZED)	EASTBOUND	THRU	200	268	488	293	530	293	533
		RIGHT	200	13	25	13	28	13	28
	WESTBOUND	LEFT	235	63	128	85	168	88	175
		THRU	235	60	123	80	160	80	163
	SOUTHBOUND	LEFT	500+	108	213	118	230	118	233
		THRU/RIGHT	500+	348	620	395	693	395	693

**TABLE IV.F-6a (Cont'd)**  
**QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
5a. CENTRAL PARK AVENUE SB AND MILE SQUARE ROAD (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	THRU	200					230	428
		RIGHT	200					10	20
	WESTBOUND	LEFT	235					63	128
		LEFT/THRU	235					70	143
	SOUTHBOUND	LEFT	500+					63	125
		LEFT/THRU/RIGHT	500+					250	460
6. CENTRAL PARK AVENUE NB AND MILE SQUARE RD. (SIGNALIZED)	EASTBOUND	LEFT	260	73	148	80	160	83	163
		THRU	260	130	253	140	273	140	273
	WESTBOUND	THRU/RIGHT	300	350	623	400	698	400	698
	NORTHBOUND	LEFT/THRU/RIGHT	500+	190	363	210	395	215	403
6a. CENTRAL PARK AVENUE NB AND MILE SQUARE RD. (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	260					83	165
		LEFT/THRU	260					195	368
	NORTHBOUND	LEFT	360					103	203
		THRU/RIGHT	500+					118	230
7. CENTRAL PARK AVENUE NB AND NYS THRUWAY EXIT 3 (UNSIGNALIZED)	EASTBOUND	LEFT	175	-	6	-	7	-	7
	WESTBOUND	RIGHT	500+	-	31	-	37	-	40
7a. CENTRAL PARK AVENUE NB AND NYS THRUWAY EXIT 3 (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	175					30	60
	NORTHBOUND	THRU	500+					95	188
8. VREDENBURGH AVENUE AND MILE SQUARE RD. WITH TRENCHARD ST. (SIGNALIZED)	EASTBOUND	LEFT/THRU/RIGHT	290	35	73	40	80	40	80
	WESTBOUND	LEFT	390	48	95	60	120	60	120
		THRU/RIGHT	390	75	148	80	158	83	163
	NORTHBOUND	LEFT/THRU	200	105	205	115	223	115	223
	SOUTHBOUND	LEFT/THRU/RIGHT	440	230	425	305	550	305	550
NORTHEASTBOUND	LEFT/THRU/RIGHT	200	70	143	75	153	78	155	

**TABLE IV.F-6a (Cont'd)****QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
8a. VREDENBURGH AND MILE SQUARE RD WITH TRENCHARD ST. (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	THRU/RIGHT	290					60	123
	WESTBOUND	LEFT	390					65	133
		THRU	390					100	198
	NORTHBOUND	LEFT	200					173	330
	SOUTHBOUND	LEFT/THRU	440					143	278
		RIGHT	440					118	230
NORTHEASTBOUND	LEFT/THRU/RIGHT	200					115	228	
10. VREDENBURGH AVENUE AND EAST DRIVE (UNSIGNALIZED)	EASTBOUND	LEFT/THRU	500+	-	6	-	7	-	7
	SOUTHBOUND	LEFT/RIGHT	185	-	11	-	11	-	12
10a. VREDENBURGH AVENUE AND EAST DRIVE (UNSIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT/THRU	500+					-	4
	SOUTHBOUND	LEFT	185					-	6
		RIGHT	185					-	6
11. VREDENBURGH AVENUE AND XAVIER DRIVE (SIGNALIZED)	EASTBOUND	LEFT	95	18	35	18	38	18	38
		THRU	500+	15	30	15	33	15	33
	WESTBOUND	THRU/RIGHT	475	60	120	63	128	63	128
	SOUTHBOUND	LEFT/ RIGHT	340	43	88	43	90	45	95
11a. VREDENBURGH AVENUE AND XAVIER DRIVE (SIGNALIZED W/IMPROVEMENTS )	EASTBOUND	LEFT	95					18	38
		THRU	500+					15	33
	WESTBOUND	THRU/RIGHT	475					63	125
	SOUTHBOUND	LEFT	160					18	38
		RIGHT	340					30	63

**TABLE IV.F-6a (Cont'd)****QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
12. VREDENBURGH AVENUE AND KIMBALL AVENUE (SIGNALIZED)	EASTBOUND	LEFT	290	60	12	60	125	60	125
		THRU/RIGHT	450	43	85	45	93	48	100
	WESTBOUND	LEFT/THRU/RIGHT	200	23	48	23	48	23	48
	NORTHBOUND	LEFT/THRU/RIGHT	375	165	315	178	340	180	345
	SOUTHBOUND	LEFT/THRU/RIGHT	500+	228	423	245	455	248	455
12a VREDENBURGH AVENUE AND KIMBALL AVENUE (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	290					50	103
		THRU/RIGHT	450					40	83
	WESTBOUND	LEFT/THRU/RIGHT	200					20	40
	NORTHBOUND	LEFT/THRU/RIGHT	375					135	265
	SOUTHBOUND	LEFT/THRU/RIGHT	500+					220	410
13. KIMBALL AVENUE AND SITE DRIVEWAY (SIGNALIZED)	EASTBOUND	LEFT/RIGHT	175	30	60	30	63	33	70
	NORTHBOUND	LEFT/THRU	500+	88	175	95	190	95	190
	SOUTHBOUND	THRU/RIGHT	500+	90	183	98	195	98	195
13a. KIMBALL AVENUE AND SITE DRIVEWAY (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	110					15	30
		RIGHT	160					5	10
	NORTHBOUND	LEFT/THRU	500+					73	145
	SOUTHBOUND	THRU/RIGHT	500+					80	158
14. KIMBALL AVENUE AND NORTH DRIVE (SIGNALIZED)	EASTBOUND	LEFT	250	23	48	23	48	25	53
		RIGHT	140	3	5	3	5	3	8
	NORTHBOUND	LEFT/THRU	500+	85	168	90	180	90	180
	SOUTHBOUND	THRU/RIGHT	275	170	325	178	340	185	350

**TABLE IV.F-6a (Cont'd)****QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
14a.KIMBALL AVENUE AND NORTH DRIVE/ (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	120					13	28
		RIGHT	115					5	8
	NORTHBOUND	THRU	500+					60	120
	SOUTHBOUND	THRU/RIGHT	175					183	348
		RIGHT	175					75	148
15. KIMBALL AVENUE AND MIDLAND AVENUE EAST WITH CCP EB RAMP (SIGNALIZED)	EASTBOUND	LEFT	230	115	228	130	255	130	255
		LEFT/THRU	350	130	253	140	280	145	280
	WESTBOUND	LEFT	375	103	203	108	210	110	215
		RIGHT	375	128	250	143	278	143	278
	NORTHBOUND	THRU/RIGHT	500+	103	203	110	218	113	220
	SOUTHBOUND	LEFT	265	65	133	73	145	73	145
		THRU	265	68	135	70	140	70	143
15a.KIMBALL AVENUE AND MIDLAND AVENUE EAST WITH CCP EB RAMP (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	475					133	258
		LEFT/THRU	355					68	138
		RIGHT	315					5	10
	WESTBOUND	LEFT	375					50	100
		RIGHT	375					133	260
	NORTHBOUND	THRU	175					148	285
		RIGHT	175					43	88
	SOUTHBOUND	LEFT	265					75	153
		THRU	265					75	153
16. KIMBALL AVENUE AND MIDLAND AVENUE WEST WITH NEVADA PLACE (SIGNALIZED)	EASTBOUND	LEFT	80	60	120	65	130	65	130
		RIGHT	190	118	233	130	250	130	255
	WESTBOUND	LEFT/RIGHT	300	100	198	100	198	100	198
	NORTHBOUND	LEFT	265	73	143	80	158	80	160
		THRU/RIGHT	265	68	135	73	145	73	145
	SOUTHBOUND	LEFT/THRU/ RIGHT	315	180	343	213	400	215	403

**TABLE IV.F-6a (Cont'd)**  
**QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
16a.KIMBALL AVENUE AND MIDLAND AVENUE WEST WITH NEVADA PLACE (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	80					55	113
		RIGHT	190					78	155
	WESTBOUND	LEFT/RIGHT	300					110	218
	NORTHBOUND	LEFT	265					110	215
		THRU/RIGHT	265					100	198
SOUTHBOUND	LEFT/THRU/RIGHT	315					85	168	
17a.MIDLAND AVENUE WEST AND CROSS COUNTY PARKWAY WB RAMPS (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	THRU/RIGHT	100					148	285
	WESTBOUND	LEFT	75					68	138
		THRU	195					50	100
	NORTHBOUND	LEFT/RIGHT	250					13	223
RIGHT		90					48	95	
18. CENTRAL PARK AVENUE AND SPRAIN PARKWAY NB RAMP (SIGNALIZED)	NORTHBOUND	LEFT	300	545	916	848	1348	850	1353
		THRU	500+	58	118	68	135	68	135
	SOUTHBOUND	THRU	500+	208	390	233	430	233	430
20. CENTRAL PARK AVENUE AND BOULDER CREEK U-TURN (SIGNALIZED)	EASTBOUND	LEFT	240	18	35	18	38	18	38
	WESTBOUND	LEFT	240	25	53	28	58	30	60
	NORTHBOUND	THRU	500+	285	518	328	588	330	590
	SOUTHBOUND	THRU	500+	483	823	583	970	585	975
20a.CENTRAL PARK AVENUE AND BOULDER CREEK U-TURN (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	240					18	38
	WESTBOUND	LEFT	240					30	60
	NORTHBOUND	THRU	500+					330	590
	SOUTHBOUND	THRU	500+					585	975

**TABLE IV.F-6a (Cont'd)****QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
24. KIMBALL AVENUE AND MILE SQUARE ROAD (SIGNALIZED)	EASTBOUND	LEFT/THRU/RIGHT	500+	55	110	60	120	60	120
	WESTBOUND	LEFT/THRU/RIGHT	415	95	188	103	205	113	220
	NORTHBOUND	LEFT/THRU/RIGHT	40	133	258	148	285	150	290
	SOUTHBOUND	LEFT/THRU/RIGHT	435	83	163	90	180	90	180
25. KIMBALL AVENUE AND FOX AVENUE (UNSIGNALIZED)	WESTBOUND	LEFT/RIGHT	470	-	2	-	2	-	2
	SOUTHBOUND	LEFT	340	-	15	-	18	-	18
25a. KIMBALL AVENUE AND FOX AVENUE (UNSIGNALIZED) W/IMPROVEMENTS	WESTBOUND	LEFT/RIGHT	470					-	2
	SOUTHBOUND	LEFT	340					-	18
27. MIDLAND AVENUE EAST AND BRONXVILLE GLEN DRIVEWAY (SIGNALIZED)	EASTBOUND	THRU/RIGHT	500+	120	233	135	260	135	263
	WESTBOUND	LEFT	500+	3	5	3	5	3	5
		THRU	500+	35	73	38	78	38	80
	NORTHBOUND	LEFT/RIGHT	500+	53	105	58	118	58	118
28. MIDLAND AVENUE AND BRONX RIVER ROAD (SIGNALIZED)	EASTBOUND	LEFT	240	30	63	33	68	33	68
		THRU/RIGHT	500+	238	443	268	490	270	493
	WESTBOUND	LEFT/THRU/RIGHT	500+	225	420	320	575	325	583
	NORTHBOUND	LEFT/THRU/RIGHT	500+	163	313	183	348	183	348
		LEFT	200	83	163	93	185	93	185
SOUTHBOUND	THRU/RIGHT	500+	228	423	255	470	255	470	
	LEFT	200						95	188
28a. MIDLAND AVENUE AND BRONX RIVER ROAD (SIGNALIZED) W/IMPROVEMENTS)	EASTBOUND	LEFT	240					33	68
		THRU/RIGHT	500+					265	485
	WESTBOUND	LEFT/THRU/RIGHT	500+					113	220
	NORTHBOUND	LEFT/THRU/RIGHT	500+					178	335
	SOUTHBOUND	LEFT	200						95
THRU/RIGHT		500+						258	473

**TABLE IV.F-6a (Cont'd)**  
**QUEUE ANALYSIS-PEAK AM HOUR**

INTERSECTION	DIRECTION	LANE GROUP	QUEUE STORAGE	2005 EXISTING		2009 NO BUILD		2009 BUILD	
				AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>	AVERAGE	95 <sup>TH</sup>
29. BROAD STREET AND NORTH TERRACE (SIGNALIZED)	EASTBOUND	THRU	500+	90	190	100	205	100	205
	WESTBOUND	THRU	500+	43	100	48	110	48	110
	NORTHBOUND	LEFT	260	168	313	188	343	188	344
		RIGHT	260	93	193	103	208	103	208
29a.BROAD STREET AND NORTH TERRACE (SIGNALIZED W/IMPROVEMENTS )	EASTBOUND	THRU	500+					95	198
	WESTBOUND	THRU	500+					58	128
	NORTHBOUND	LEFT	260					163	303
		RIGHT	260					90	188
30. BROAD STREET AND FLEETWOOD/CC PARKWAY EB RAMP (SIGNALIZED)	EASTBOUND	LEFT	500+	110	223	123	243	123	243
		THRU/RIGHT	500+	60	133	65	145	65	145
	WESTBOUND	LEFT	500	15	38	18	40	18	40
		THRU/RIGHT	500	133	255	148	280	148	283
	NORTHBOUND	LEFT	200	43	98	50	115	50	115
		THRU/RIGHT	200	30	73	33	78	33	78
SOUTHBOUND	LEFT	200	128	250	143	275	143	275	
	THRU/RIGHT	500+	358	593	430	703	430	703	
30a.BROAD STREET AND FLEETWOOD/CC PARKWAY EB RAMP (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	500+					138	265
		THRU/RIGHT	500+					75	160
	WESTBOUND	LEFT	500					18	40
		THRU/RIGHT	500					148	283
	NORTHBOUND	LEFT	200					38	88
		THRU/RIGHT	200					30	73
SOUTHBOUND	LEFT	200					128	248	
	THRU/RIGHT	500+					340	568	