

**TABLE IV.F-6b****QUEUE ANALYSIS-PEAK PM 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	-	1035	-	1417	-	1681
3a. CENTRAL PARK AVENUE NB AND SOUTH DRIVE (SIGNALIZED W/IMPROVEMENTS)	WESTBOUND	RIGHT	125					270	493
	NORTHBOUND	THRU	145					415	723
4. CENTRAL PARK AVENUE NB AND MALL AT CROSS COUNTY DRIVEWAY (SIGNALIZED)	WESTBOUND	RIGHT	150	98	195	108	213	108	213
	NORTHBOUND	THRU	450	375	660	600	995	640	1053
4a. CENTRAL PARK AVENUE AND MALL AT CROSS COUNTY DRIVEWAY (SIGNALIZED W/IMPROVEMENTS)	WESTBOUND	RIGHT	150					108	213
	NORTHBOUND	THRU	450					195	370
5. CENTRAL PARK AVENUE SB AND MILE SQUARE RD. (SIGNALIZED)	EASTBOUND	THRU	200	160	310	168	323	173	328
		RIGHT	200	13	28	13	28	13	28
	WESTBOUND	LEFT	235	173	328	190	363	225	420
		THRU	235	128	250	135	263	135	263
	SOUTHBOUND	LEFT	500+	443	763	480	820	493	838
		THRU/RIGHT	500+	350	630	578	963	583	968

**TABLE IV.F-6b (Cont'd)**  
**QUEUE ANALYSIS-PEAK PM 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					155	298
		RIGHT	200					10	23
	WESTBOUND	LEFT	235					115	228
		LEFT/THRU	235					140	270
	SOUTHBOUND	LEFT	500+					190	360
LEFT/THRU/RIGHT		500+					315	565	
6. CENTRAL PARK AVENUE NB AND MILE SQUARE RD. (SIGNALIZED)	EASTBOUND	LEFT	260	223	415	638	440	248	458
		THRU	260	148	285	158	25	158	303
	WESTBOUND	THRU/RIGHT	300	523	883	598	990	598	990
	NORTHBOUND	LEFT/THRU/RIGHT	500+	345	615	618	1020	690	1125
6a. CENTRAL PARK AVENUE NB AND MILE SQUARE RD. (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	260					223	415
		LEFT/THRU	260					240	443
	NORTHBOUND	LEFT	360					265	485
		THRU/RIGHT	500+					225	418
7a. CENTRAL PARK AVENUE NB AND NYS THRUWAY EXIT 3 (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	175	-	235	-	536	-	691
	NORTHBOUND	THRU							
			500+	-	20	-	27	-	37
8. VREDENBURGH AVENUE AND MILE SQUARE RD. WITH TRENCHARD ST. (SIGNALIZED)	EASTBOUND	LEFT/THRU/RIGHT	290	75	150	78	155	83	163
	WESTBOUND	LEFT	390	203	383	395	693	453	780
		THRU/RIGHT	390	123	240	130	255	153	295
	NORTHBOUND	LEFT/THRU	200	70	143	78	155	78	155
	SOUTHBOUND	LEFT/THRU/RIGHT	440	368	234	428	740	430	745
NORTHEASTBOUND	LEFT/THRU/RIGHT	200	120	235	178	340	183	348	

**TABLE IV.F-6b (Cont'd)****QUEUE ANALYSIS-PEAK PM 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					170	325
	WESTBOUND	LEFT	390					450	775
		THRU	390					398	695
	NORTHBOUND	LEFT	200					153	293
	SOUTHBOUND	LEFT/THRU	440					238	440
		RIGHT	440					88	173
NORTHEASTBOUND	LEFT/THRU/RIGHT	200					305	550	
10. VREDENBURGH AVENUE AND EAST DRIVE (UNSIGNALIZED)	EASTBOUND	LEFT/THRU	500+	-	20	-	23	-	25
	SOUTHBOUND	LEFT/RIGHT	185	-	130	-	231	-	308
10a. VREDENBURGH AVENUE AND EAST DRIVE (UNSIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT/THRU	500+					-	20
	SOUTHBOUND	LEFT	185					-	24
		RIGHT	185					-	94
11. VREDENBURGH AVENUE AND XAVIER DRIVE (SIGNALIZED)	EASTBOUND	LEFT	95	48	95	50	100	53	105
		THRU	500+	23	48	35	73	35	73
	WESTBOUND	THRU/RIGHT	475	108	215	138	268	145	280
	SOUTHBOUND	LEFT/RIGHT	340	240	445	270	495	320	575
11a. VREDENBURGH AVENUE AND XAVIER DRIVE (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	95					65	130
		THRU	500+					20	40
	WESTBOUND	THRU/RIGHT	475					158	303
	SOUTHBOUND	LEFT	160					100	198
		RIGHT	340					130	253

**TABLE IV.F-6b (Cont'd)****QUEUE ANALYSIS-PEAK PM 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	88	173	150	290	150	290
		THRU/RIGHT	450	230	430	245	450	275	503
	WESTBOUND	LEFT/THRU/RIGHT	200	20	43	20	43	20	43
	NORTHBOUND	LEFT/THRU/RIGHT	375	255	470	325	583	395	693
	SOUTHBOUND	LEFT/THRU/RIGHT	500+	643	1055	945	1485	958	1505
12a VREDENBURGH AVENUE AND KIMBALL AVENUE (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	290					68	138
		THRU/RIGHT	450					190	358
	WESTBOUND	LEFT/THRU/RIGHT	200					8	15
	NORTHBOUND	LEFT/THRU/RIGHT	375					220	413
	SOUTHBOUND	LEFT/THRU/RIGHT	500+					370	650
13. KIMBALL AVENUE AND SITE DRIVEWAY (SIGNALIZED)	EASTBOUND	LEFT/RIGHT	175	183	348	190	360	220	410
	NORTHBOUND	LEFT/THRU	500+	108	213	145	280	150	290
	SOUTHBOUND	THRU/RIGHT	500+	205	385	263	483	265	483
13a. KIMBALL AVENUE AND SITE DRIVEWAY (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	110					55	113
		RIGHT	160					48	98
	NORTHBOUND	LEFT/THRU	500+					70	140
	SOUTHBOUND	THRU/RIGHT	500+					103	203
14. KIMBALL AVENUE AND NORTH DRIVE (SIGNALIZED)	EASTBOUND	LEFT	250	248	458	260	478	295	533
		RIGHT	140	18	35	18	35	18	38
	NORTHBOUND	LEFT/THRU	500+	100	198	123	240	125	243
	SOUTHBOUND	THRU/RIGHT	275	1058	1645	1278	1960	1418	2163

**TABLE IV.F-6b (Cont'd)****QUEUE ANALYSIS-PEAK PM 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					178	338
		RIGHT	115					35	73
	NORTHBOUND	THRU	500+					58	115
	SOUTHBOUND	THRU/RIGHT	175					278	505
		RIGHT	175					175	333
15. KIMBALL AVENUE AND MIDLAND AVENUE EAST WITH CCP EB RAMP (SIGNALIZED)	EASTBOUND	LEFT	230	80	158	88	173	88	173
		LEFT/THRU	350	155	300	155	300	155	300
	WESTBOUND	LEFT	375	573	955	600	995	638	1050
		RIGHT	375	143	275	160	308	160	308
	NORTHBOUND	THRU/RIGHT	500+	225	418	260	475	278	505
	SOUTHBOUND	LEFT	265	88	173	105	205	108	213
		THRU	265	178	338	205	388	215	403
15a.KIMBALL AVENUE AND MIDLAND AVENUE EAST WITH CCP EB RAMP (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	475					83	163
		LEFT/THRU	355					98	193
		RIGHT	315					60	120
	WESTBOUND	LEFT	375					115	225
		RIGHT	375					120	238
	NORTHBOUND	THRU	175					250	460
		RIGHT	175					160	308
	SOUTHBOUND	LEFT	265					85	170
		THRU	265					223	415
16. KIMBALL AVENUE AND MIDLAND AVENUE WEST WITH NEVADA PLACE (SIGNALIZED)	EASTBOUND	LEFT	80	28	55	30	60	30	60
		RIGHT	190	465	798	513	868	550	923
	WESTBOUND	LEFT/RIGHT	300	23	48	28	55	28	55
	NORTHBOUND	LEFT	265	118	230	128	248	135	263
		THRU/RIGHT	265	68	135	90	183	95	188
	SOUTHBOUND	LEFT/THRU/RIGHT	315	265	485	485	828	510	863

**TABLE IV.F-6b (Cont'd)**  
**QUEUE ANALYSIS-PEAK PM 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>T370H</sup>
16a.KIMBALL AVENUE AND MIDLAND AVENUE WEST WITH NEVADA PLACE (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	80					30	60
		RIGHT	190					195	370
	WESTBOUND	LEFT/RIGHT	300					2	23
	NORTHBOUND	LEFT	265					210	39*3
		THRU/RIGHT	265					133	255
SOUTHBOUND	LEFT/THRU/RIGHT	315					135	260	
17a.MIDLAND AVENUE WEST AND CROSS COUNTY PARKWAY WB RAMPS (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	THRU/RIGHT	100					188	355
	WESTBOUND	LEFT	75					243	450
		THRU	195					128	250
	NORTHBOUND	LEFT/RIGHT	250					205	385
RIGHT		90					185	353	
18. CENTRAL PARK AVENUE AND SPRAIN PARKWAY NB RAMP (SIGNALIZED)	NORTHBOUND	LEFT	300	503	855	798	1278	813	1298
		THRU	500+	65	133	80	162	83	163
	SOUTHBOUND	THRU	500+	328	588	385	675	388	680
20. CENTRAL PARK AVENUE AND BOULDER CREEK U-TURN (SIGNALIZED)	EASTBOUND	LEFT	240	20	43	23	45	23	45
	WESTBOUND	LEFT	240	68	138	75	153	80	160
	NORTHBOUND	THRU	500+	348	615	423	733	85	738
	SOUTHBOUND	THRU	500+	468	800	610	1010	618	1020
20a.CENTRAL PARK AVENUE AND BOULDER CREEK U-TURN (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	240					23	45
	WESTBOUND	LEFT	240					65	133
	NORTHBOUND	THRU	500+					425	148
	SOUTHBOUND	THRU	500+					618	1020

**TABLE IV.F-6b (Cont'd)**  
**QUEUE ANALYSIS-PEAK PM 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+	58	118	63	128	63	128	
	WESTBOUND	LEFT/THRU/RIGHT	415	83	165	90	180	93	183	
	NORTHBOUND	LEFT/THRU/RIGHT	40	120	238	140	273	150	290	
	SOUTHBOUND	LEFT/THRU/RIGHT	435	165	318	203	380	215	405	
25. KIMBALL AVENUE AND FOX AVENUE (UNSIGNALIZED)	WESTBOUND	LEFT/RIGHT	470	-	15	-	25	-	26	
	SOUTHBOUND	LEFT	340	-	3	-	3	-	3	
25a. KIMBALL AVENUE AND FOX AVENUE (UNSIGNALIZED) W/IMPROVEMENTS	WESTBOUND	LEFT/RIGHT	470					-	23	
	SOUTHBOUND	LEFT	340					-	3	
27. MIDLAND AVENUE EAST AND BRONXVILLE GLEN DRIVEWAY (SIGNALIZED)	EASTBOUND	THRU/RIGHT	500+	250	460	300	543	313	560	
	WESTBOUND	LEFT	500+	3	5	3	5	3	5	
		THRU	500+	78	155	88	175	90	180	
	NORTHBOUND	LEFT/RIGHT	500+	20	43	23	48	23	48	
28. MIDLAND AVENUE AND BRONX RIVER ROAD (SIGNALIZED)	EASTBOUND	LEFT	240	53	108	58	118	60	120	
		THRU/RIGHT	500+	380	670	443	765	460	788	
	WESTBOUND	LEFT/THRU/RIGHT	500+	543	910	780	1253	813	1300	
	NORTHBOUND	LEFT/THRU/RIGHT	500+	210	395	295	533	303	545	
		LEFT	200	48	98	53	108	53	108	
	SOUTHBOUND	THRU/RIGHT	500+	433	748	523	883	528	888	
28a. MIDLAND AVENUE AND BRONX RIVER ROAD (SIGNALIZED) W/IMPROVEMENTS)	EASTBOUND	LEFT	240					40	80	
		THRU/RIGHT	500+					465	798	
	WESTBOUND	LEFT/THRU/RIGHT	500+					173	328	
	NORTHBOUND	LEFT/THRU/RIGHT	500+					255	473	
	SOUTHBOUND	LEFT	200						53	108
		THRU/RIGHT	500+						540	908

**TABLE IV.F-6b (Cont'd)**  
**QUEUE ANALYSIS-PEAK PM 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+	95	195	105	213	108	218
	WESTBOUND	THRU	500+	50	113	55	123	55	123
	NORTHBOUND	LEFT	260	165	310	185	340	188	340
		RIGHT	260	48	110	53	118	53	118
29a.BROAD STREET AND NORTH TERRACE (SIGNALIZED W/IMPROVEMENTS )	EASTBOUND	THRU	500+					93	195
	WESTBOUND	THRU	500+					45	105
	NORTHBOUND	LEFT	260					235	413
		RIGHT	260					58	128
30. BROAD STREET AND FLEETWOOD/CC PARKWAY EB RAMPS (SIGNALIZED)	EASTBOUND	LEFT	500+	78	168	88	183	90	188
		THRU/RIGHT	500+	68	145	73	158	75	163
	WESTBOUND	LEFT	500	10	28	13	30	13	30
		THRU/RIGHT	500	170	315	190	348	193	348
	NORTHBOUND	LEFT	200	20	50	23	55	23	58
		THRU/RIGHT	200	33	75	35	83	35	83
SOUTHBOUND	LEFT	200	213	380	250	433	250	433	
	THRU/RIGHT	500+	500	810	525	850	525	850	
30a.BROAD STREET AND FLEETWOOD/CC PARKWAY EB RAMPS (SIGNALIZED W/IMPROVEMENTS)	EASTBOUND	LEFT	500+					83	173
		THRU/RIGHT	500+					88	183
	WESTBOUND	LEFT	500					13	30
		THRU/RIGHT	500					193	348
	NORTHBOUND	LEFT	200					20	50
		THRU/RIGHT	200					33	75
SOUTHBOUND	LEFT	200					208	373	
	THRU/RIGHT	500+					393	645	