Appendix I
Alternatives

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Lesser Density Alternative RWCDS

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Appendix I.1
Lesser Density Alternative RWCDS

Appendix I.1: Lower Density Alternative - Projected Sites

	Site Data				Existing Condition								No Action Scenario											With Action Scenario																			
	Address	*Block*	*Lot*	*Lot Area*	*Building Area gsf*	*Commercial Area gsf (Office, Retail and Hotel floor area)*	*Residential Area gsf*	*Office Area gsf (usable)*	*Retail Area gsf*	*Hotel Area gsf*	*# of Residential Units*	*Parking sf*	*Changes*	*Building Floor Area gsf (including mechanical)**	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*# of hotel rooms, conversion or new construction*	*Parking sf*	*Mechanical gsf*	*Changes*	*Proposed Maximum FAR*	*Zoning Square Feet*	*Building Floor Area gsf (including mechanical)**	*Usable Floor Area (gross square feet, excluding mechanical)*	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*# of hotel rooms, conversion or new construction*	*Parking sf*	*Mechanical gsf*	*Retail Breakdown - Neighborhood retail*	*Retail Breakdown - Destination retail*
Projected Site 1	266 MADISON AVENUE	869	16	14,220	217,317	217,317		205,317	12,000				no change	217,317	217,317		205,317	12,000																									
	274 MADISON AVENUE	869	58	5,370	91,212	91,212		85,212	6,000				no change	91,212	91,212		85,212	6,000					Develops as Office Building	18	602,460	692,829	632,583	632,583		599,113	33,470				-	60,246	33,470	-					
	278 MADISON AVENUE	869	61	6,480	74,186	74,186		68,186	6,000				no change	74,186	74,186		68,186	6,000																									
	16 EAST 40 STREET	869	64	7,400	89,423	89,423		83,423	7,000				no change	89,423	89,423		83,423	7,000																									
	TOTAL			33,470	472,138	472,138	-	442,138	31,000	-	-	-		472,138	472,138	-	442,138	31,000	-	-	-	-	-		602,460	692,829	632,583	632,583	-	599,113	33,470	-	-	-	-	60,246	33,470	-					
Projected Site 2	7 EAST 40 STREET	1275	8	7,406	79,738	79,738		73,188	6,550				no change	79,738	79,738		73,188	6,550																									
	13 EAST 40 STREET	1275	11	2,450	11,951	11,951		11,951	-				no change	11,951	11,951		11,951	-																									
	15 EAST 40 STREET	1275	12	5,100	57,643	57,643		51,292	6,351				no change	57,643	57,643		51,292	6,351																									
	284 MADISON AVENUE	1275	14	4,735	102,079	102,079		102,079	-				no change	102,079	102,079		102,079	-					Develops as Mixed Office/Residential Building	18	651,060	748,719	683,613	546,890	136,723	510,720	36,170		68.36			65,106	36,170						
	290 MADISON AVENUE	1275	16	4,750	36,681	36,681		30,111	6,570				no change	36,681	36,681		30,111	6,570																									
	292 MADISON AVENUE	1275	59	9,250	170,230	170,230		164,420	5,810				no change	170,230	170,230		164,420	5,810																									
	22 EAST 41 STREET	1275	60	2,479	7,255	7,255		3,855	3,400				no change	7,255	7,255		3,855	3,400																									
	TOTAL			36,170	465,577	465,577	-	436,896	28,681	-	-	-		465,577	465,577	-	436,896	28,681	-	-	-	-	-		651,060	748,719	683,613	546,890	136,723	510,720	36,170	-	68	-	-	65,106	36,170						
Projected Site 3	3 EAST 43 STREET	1278	8	5,690	36,616	36,616		36,616	-				no change	36,616	36,616		36,616																									
	340 MADISON AVENUE	1278	14	32,500	558,124	558,124		533,524	24,600				no change	558,124	558,124		533,524	24,600																									
	14 EAST 44 STREET	1278	62	2,513	11,550	11,550		5,400	4,750				Develops as residential building	94,991	7,539	87,452		7,539		44				Develops as Office Building	21.6	1,096,178.40	1,260,605	1,150,987	1,150,987		1,100,238	50,749					109,618	25,375	25,375					
	12 EAST 44 STREET	1278	63	2,513	17,668	17,668		12,868	4,800																																	
	10 EAST 44 STREET	1278	64	2,513	16,629	16,629		13,329	3,300																																	
	6 EAST 44 STREET	1278	65	5,020	62,918	62,918		-	-	62,918			no change	62,918	62,918				62,918																									
	TOTAL			50,749	703,505	703,505	-	601,737	37,450	62,918	-	-		752,649	665,197	87,452	570,140	32,139	62,918	44	-	-	-		1,096,178.40	1,260,605	1,150,987	1,150,987	-	1,100,238	50,749	-	-	-	-	109,618	25,375	25,375					
Projected Site 4	7 EAST 44 STREET	1279	9	8,133	110,999	110,999		104,999	6,000				no change	110,999	110,999		104,999	6,000																									
	346 MADISON AVENUE	1279	17	13,125	122,600	122,600		50,325	72,275				no change	122,600	122,600		50,325	72,275																									
	352 MADISON AVENUE	1279	57	18,800	380,766	380,766		344,482	36,284				no change	380,766	380,766		344,482	36,284					Develops as Office Building	21.6	1,071,360	1,232,064	1,124,928	1,124,928		1,075,328	49,600					*107,136*	*24,800*	*24,800*					
	10 EAST 45 STREET	1279	63	4,522	15,023	15,023	-		15,023				no change	15,023	15,023			15,023																									
	6 EAST 45 STREET	1279	65	5,020	79,280	79,280		74,280	5,000				no change	79,280	79,280		74,280	5,000																									
	TOTAL			49,600	708,668	708,668	-	574,086	134,582	-	-	-		708,668	708,668	-	574,086	134,582	-	-	-	-	-		1,071,360	1,232,064	1,124,928	1,124,928	-	1,075,328	49,600	-	-	-	-	107,136	24,800	24,800					
Projected Site 5	9 EAST 45 STREET	1281	9	2,513	18,933	18,933		14,833	4,100				no change	18,933	18,933		14,833	4,100																									
	366 MADISON AVENUE	1281	56	6,025	84,518	84,518		78,589	5,929				no change	84,518	84,518		78,589	5,929																									
	18 EAST 46 STREET	1281	59	6,025	87,016	87,016		77,716	9,300				no change	87,016	87,016		77,716	9,300					Develops as Office Building	21.6	737,510	848,137	774,386	774,386		740,242	34,144					73,751	34,144	-					
	360 MADISON AVENUE	1281	7501	19,581	323,029	323,029		318,943	-	4,086			no change	323,029	323,029		318,943	-	4,086																									
	TOTAL			34,144	513,496	513,496	-	490,081	19,329	4,086	-	-		513,496	513,496	-	490,081	19,329	4,086	-	-	-	-		737,510	848,137	774,386	774,386	-	740,242	34,144	-	-	-	-	73,751	34,144	-					
Projected Site 6	250 PARK AVENUE	1282	34	24,969	444,628	444,628		434,628	10,000				no change	444,628	444,628		434,628	10,000					Develops as Office Building	25	624,225	717,859	655,436	655,436		630,467	24,969					62,423	24,969						
	TOTAL			24,969	444,628	444,628	-	434,628	10,000	-	-	-		444,628	444,628		434,628	10,000	-	-	-	-	-		624,225	717,859	655,436	655,436	-	630,467	24,969	-	-	-	-	*62,423*	*24,969*	-					
Projected Site 7	300 PARK AVENUE	1285	36	34050	645483	645483		613397	32086				no change	645483	645483		613397	32086					Develops as Office Building	23	783,150	900,622.50	822,307.50	822,307.50		788,257.50	34,050					78,315.00	34,050						
	TOTAL			34,050	645,483	645,483	-	613,397	32086	-	-	-		645,483	645,483	-	613,397	32,086	-	-	-	-	-		783,150	900,623	822,308	822,308	-	788,258	34,050	-	-	-	-	*78,315*	*34,050*	-					
Projected Site 8	363 LEXINGTON AVENUE	1295	20	10419	118,587	118,587		108,587	10,000				no change	118,587	118,587		108,587	10,000																									
	355 LEXINGTON AVENUE	1295	23	14044	225,000	225,000		209,000	16,000				no change	225,000	225,000		209,000	16,000					Develops as Office Building	18	440,334.00	506,384	462,351	462,351		437,888	24,463					44,033	24,463						
	TOTAL			24,463	343,587	343,587	-	317,587	26,000	-	-	-		343,587	343,587	-	317,587	26,000	-	-	-	-	-		440,334.00	506,384	462,351	462,351	-	437,888	24,463	-	-	-	-	44,033	24,463	-					
Projected Site 9	485 LEXINGTON AVENUE	1301	23	46,125	743,789	700,621	-	674,979	25,642			43,168	no change	743,789	700,621	-	674,979	25,642				43,168		Develops as Office Building	21.6	996,300	1,145,745	1,046,115	1,046,115	-	999,990	46,125					99,630	*23,063*	*23,063*					
	TOTAL			46,125	743,789	700,621	-	674,979	25,642	-	-	43,168		743,789	700,621	-	674,979	25,642	-	-	-	43,168	-		996,300	1,145,745	1,046,115	1,046,115	-	999,990	46,125	-	-	-	-	99,630	*23,063*	*23,063*					
Projected Site 10	111 EAST 48 STREET	1303	14	41,170	427,611	427,611				427,611			no change	427,611	427,611				427,611					Develops as Office Building	18	741,060	852,219	778,113	778,113	-	736,943	41,170					74,106	*20,585*	*20,585*					
	TOTAL			41,170	427,611	427,611	-	-	-	427,611	-	-		427,611	427,611	-	-	-	427,611	-	-	-	-		741,060	852,219	778,113	778,113	-	736,943	41,170	-	-	-	-	74,106	*20,585*	*20,585*					
Projected Site 11	541 LEXINGTON AVENUE	1304	20	24,725	317,496	317,496			1,940	315,556			no change	317,496	317,496			1,940	315,556					Develops as Office Building	21.6	534,060	614,169	560,763	560,763		536,038	24,725					*53,406*	*24,725*						
	TOTAL			24,725	317,496	317,496	-	-	1,940	315,556	-	-		317,496	317,496	-	-	1,940	315,556	-	-	-	-		534,060	614,169	560,763	560,763	-	536,038	24,725	-	-	-	-	*53,406*	*24,725*	-					
Projected Site 12	575 LEXINGTON AVENUE	1306	23	32,625	584,429	584,429		564,429	20,000			34,874	no change	584,429	584,429		564,429	20,000				34,874		Develops as Office Building	21.6	704,700	810,405	739,935	739,935		707,310	32,625					*70,470*	*32,625*						
	TOTAL			32,625	584,429	584,429	-	564,429	20,000	-	-	34,874		584,429	584,429	-	564,429	20,000	-	-	-	34,874	-			810,405	739,935	739,935	-	707,310	32,625	-	-	-	-	*70,470*	*32,625*	-					
Projected Site 13	866 3 AVENUE	1307	7501	25,100	163,466	163,466		132,909	24,953				no change	163,466	163,466		132,909	24,953						Develops as Office Building	21.6	650592	748,181	683,122	683,122		653,002	30,120	-	-	-	-	65,059	*30,120*						
	154 EAST 53 STREET	1307	43	5,020	38,602	-						38,602	no change	38,602	-							38,602																					
	TOTAL			30,120	202,068	163,466	-	132,909	24,953	-	-	38,602		202,068	163,466	-	132,909	24,953	-	-	-	38,602	-		650592	748,181	683,122	683,122	-	653,002	30,120	-	-	-	-	65,059	30,120	-					
Projected Site 14	914 3 AVENUE	1310	33	1,912	8,006	1,912	6,094		1,912		8		Develops as residential building	245,914	19,517	226,397		19,517		113.20			Develops as Mixed Office/Residential Building	16	312,272	359,113	327,886	262,308	65,577	242,791	19,517		32.79			31,227	19,517						
	916 3 AVENUE	1310	34	1,875	7,500	1,500	6,000		1,500		8																															
	918 3 AVENUE	1310	35	1,875	7,500	2,250	5,250		2,250		7																															
	920 3 AVENUE	1310	36	2,375	13,842	13,842		11,542	2,300																																	
	922 3 AVENUE	1310	37	2,375	8,325	1,500	6,825		1,500		8																															
	924 3 AVENUE	1310	38	2,375	8,325	1,500	6,825		1,500		8																															
	926 3 AVENUE	1310	39	2,300	7,875	1,575	6,300		1,575		6																															
	928 3 AVENUE	1310	40	1,912	8,387	3,500	4,887		3,500		6																															
	159 EAST 55 STREET	1310	133	1,508	5,040	900	4,140		900		8																															
	164 EAST 56 STREET	1310	140	1,010	3,819	1,597	2,222		1,597		3																															
	TOTAL			19,517	78,619	30,076	48,543	11,542	18,534	-	62	-		245,914	19,517	226,397	-	19,517	-	113	-	-	-		312272	359112.8	327885.6	262308.48	65577.12	242791.48	19517	-	32.78856	-	-	31,227	19,517	-					
Projected Site 15	235 EAST 42 STREET	1316	23	37,657	672,462	672,462		648,702	23,760				no change	672462	672462		648702	23760						Develops as Office Building	18	1,373,724.00	1,579,783	1,442,410	1,442,410		1,366,092	76,318					137,372	38,159	38,159					
	801 2 AVENUE	1316	30	7,531	141,408	141,408		134,448	6,960				no change	141408	141408		134448	6960																									
	219 EAST 42 STREET	1316	12	31,130	300,000	300,000		300,000	-				no change	300,000	300,000		300,000																									
	TOTAL			76,318	1,113,870	1,113,870	-	1,083,150	30,720	-	-	-		1,113,870	1,113,870	-	1,083,150	30,720	-	-	-	-	-		1,373,724	1,579,783	1,442,410	1,442,410	-	1,366,092	76,318	-	-	-	-	137,372	38,159	38,159					
Projected Site 16	214 EAST 45 STREET	1318	43	1,674	1,674	1,674			1,674				no change	1,674	1,674			1,674						Develops as Office Building	18.0	786312.0	904,259	825,628	825,628		781,944	43,684					*78,631*	*21,842*	*21,842*					
	711 3 AVENUE	1318	1	38,666	544,150	502,353		478,500	23,853			41,797	no change	544,150	502,353		478,500	23,853				41,797																					
	210 EAST 45 STREET	1318	44	1,672									no change																															
	212 EAST 45 STREET	1318	143	1,672	3,028	758	2,270		758		6		no change	3,028	758	2,270		758		6																								
	TOTAL			43,684	548,852	504,785	2,270	478,500	26,285	-	6	41,797		548,852	504,785	2,270	478,500	26,285	-	6	-	41,797	-		786312.0	904,259	825,628	825,628	-	781,944	43,684	-	-	-	-	78,631	21,842	21,842					
	TOTALS			601,899	8,313,816	8,139,436	50,813	6,856,059	467,202	810,171	68	158,441		8,530,256	8,090,569	316,120	6,812,920	462,874	810,171	163	-	158,441	-		11,400,598	13,921,092	12,710,563	12,508,263	202,300	11,906,364	601,899	-	101	-	-	1,210,530	448,076	153,823					

Appendix I.1: Lower Density Alternative - Projected Sites

	Site Data				Increment							
	Address	*Block*	*Lot*	*Lot Area*	*Building Floor Area gsf (including mechanical)**	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*Parking sf*
Projected Site 1	266 MADISON AVENUE	869	16	14,220								
	274 MADISON AVENUE	869	58	5,370								
	278 MADISON AVENUE	869	61	6,480								
	16 EAST 40 STREET	869	64	7,400								
	TOTAL			33,470	220,691	160,445	-	156,975	2,470	-	-	-
Projected Site 2	7 EAST 40 STREET	1275	8	7,406								
	13 EAST 40 STREET	1275	11	2,450								
	15 EAST 40 STREET	1275	12	5,100								
	284 MADISON AVENUE	1275	14	4,735								
	290 MADISON AVENUE	1275	16	4,750								
	292 MADISON AVENUE	1275	59	9,250								
	22 EAST 41 STREET	1275	60	2,479								
	TOTAL			36,170	283,142	81,313	136,723	73,824	7,489	-	68	-
Projected Site 3	3 EAST 43 STREET	1278	8	5,690								
	340 MADISON AVENUE	1278	14	32,500								
	14 EAST 44 STREET	1278	62	2,513								
	12 EAST 44 STREET	1278	63	2,513								
	10 EAST 44 STREET	1278	64	2,513								
	6 EAST 44 STREET	1278	65	5,020								
	TOTAL			50,749	507,956	485,790	(87,452)	530,098	18,610	(62,918)	(44)	-
Projected Site 4	7 EAST 44 STREET	1279	9	8,133								
	346 MADISON AVENUE	1279	17	13,125								
	352 MADISON AVENUE	1279	57	18,800								
	10 EAST 45 STREET	1279	63	4,522								
	6 EAST 45 STREET	1279	65	5,020								
	TOTAL			49,600	523,396	416,260	-	501,242	(84,982)	-	-	-
Projected Site 5	9 EAST 45 STREET	1281	9	2,513								
	366 MADISON AVENUE	1281	56	6,025								
	18 EAST 46 STREET	1281	59	6,025								
	360 MADISON AVENUE	1281	7501	19,581								
	TOTAL			34,144	334,641	260,890	-	250,161	14,815	(4,086)	-	-
Projected Site 6	250 PARK AVENUE	1282	34	24,969								
	TOTAL			24,969	273,231	210,808	-	195,839	14,969	-	-	-
Projected Site 7	300 PARK AVENUE	1285	36	34050								
	TOTAL			34,050	255,140	176,825	-	174,861	1,964	-	-	-
Projected Site 8	363 LEXINGTON AVENUE	1295	20	10419								
	355 LEXINGTON AVENUE	1295	23	14044								
	TOTAL			24,463	162,797	118,764	-	120,301	(1,537)	-	-	-
Projected Site 9	485 LEXINGTON AVENUE	1301	23	46,125								
	TOTAL			46,125	401,956	345,494	-	325,011	20,483	-	-	(43,168)
Projected Site 10	111 EAST 48 STREET	1303	14	41,170								
	TOTAL			41,170	424,608	350,502	-	736,943	41,170	(427,611)	-	-
Projected Site 11	541 LEXINGTON AVENUE	1304	20	24,725								
	TOTAL			24,725	296,673	243,267	-	536,038	22,785	(315,556)	-	-
Projected Site 12	575 LEXINGTON AVENUE	1306	23	32,625								
	TOTAL			32,625	225,976	155,506	-	142,881	12,625	-	-	(34,874)
Projected Site 13	866 3 AVENUE	1307	7501	25,100								
	154 EAST 53 STREET	1307	43	5,020								
	TOTAL			30,120	546,113	519,656	-	520,093	5,167	-	-	(38,602)
Projected Site 14	914 3 AVENUE	1310	33	1,912								
	916 3 AVENUE	1310	34	1,875								
	918 3 AVENUE	1310	35	1,875								
	920 3 AVENUE	1310	36	2,375								
	922 3 AVENUE	1310	37	2,375								
	924 3 AVENUE	1310	38	2,375								
	926 3 AVENUE	1310	39	2,300								
	928 3 AVENUE	1310	40	1,912								
	159 EAST 55 STREET	1310	133	1,508								
	164 EAST 56 STREET	1310	140	1,010								
	TOTAL			19,517	113,199	242,791	(160,820)	242,791	-	-	(80)	-
Projected Site 15	235 EAST 42 STREET	1316	23	37,657								
	801 2 AVENUE	1316	30	7,531								
	219 EAST 42 STREET	1316	12	31,130								
	TOTAL			76,318	465,913	328,540	-	282,942	45,598	-	-	-
Projected Site 16	214 EAST 45 STREET	1318	43	1,674								
	711 3 AVENUE	1318	1	38,666								
	210 EAST 45 STREET	1318	44	1,672								
	212 EAST 45 STREET	1318	143	1,672								
	TOTAL			43,684	355,407	320,843	(2,270)	303,444	17,399	-	(6)	(41,797)
	TOTALS			601,899	5,390,837	4,417,694	(113,820)	5,093,444	139,025	(810,171)	(62)	(158,441)

Appendix I.1: Lower Density Alternative - Potential Sites

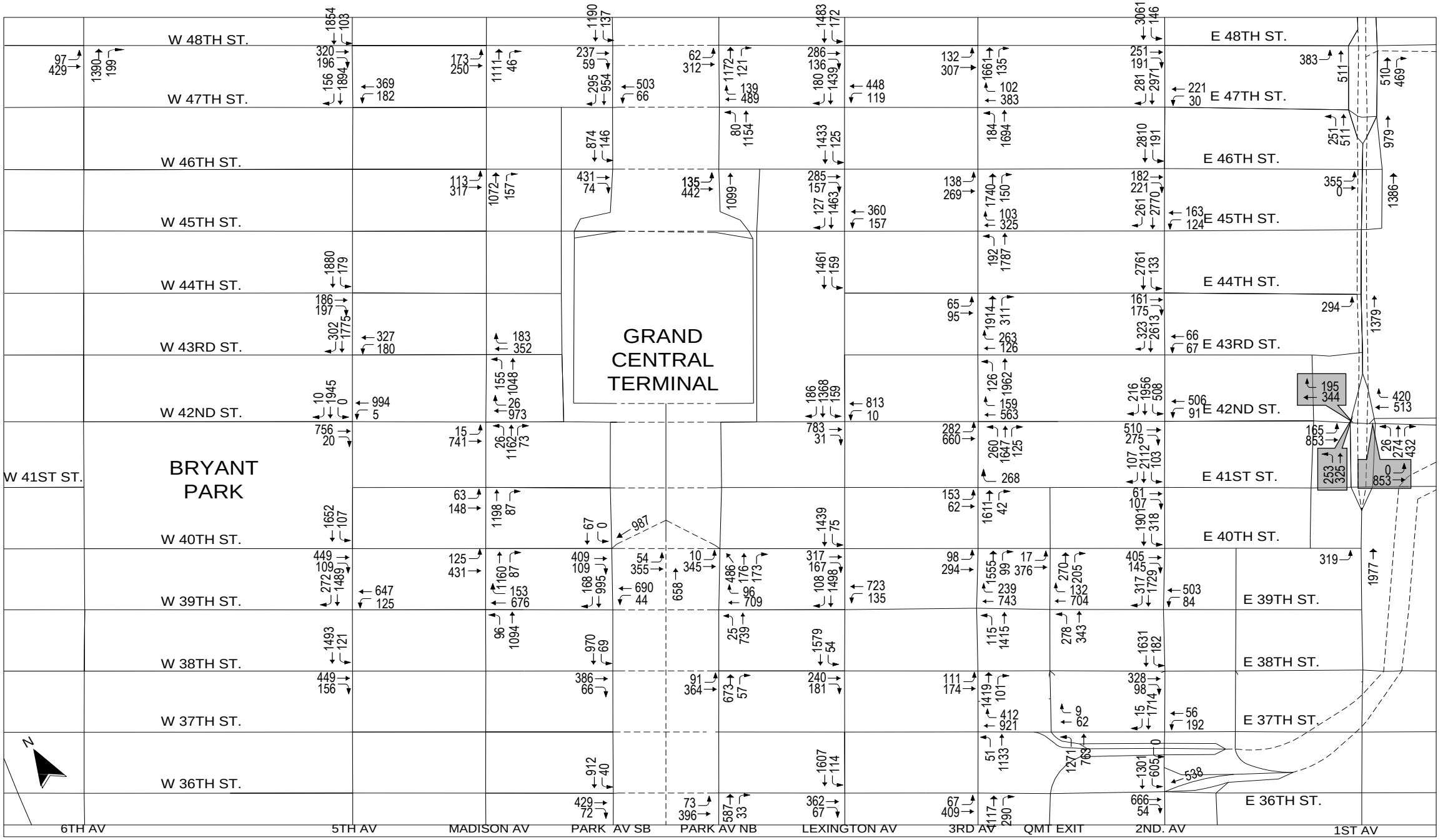
	Site Data				Existing Condition								No Action Scenario										
	Address	*Block*	*Lot*	*Lot Area*	*Building Area gsf*	*Commercial Area gsf (Office, Retail and Hotel floor area)*	*Residential Area gsf*	*Office Area gsf (usable)*	*Retail Area gsf*	*Hotel Area gsf*	*# of Residential Units*	*Parking sf*	*Changes*	*Building Floor Area gsf (including mechanical)**	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*# of hotel rooms, conversion or new construction*	*Parking sf*	*Mechanical gsf*
Potential Site C	413 MADISON AVENUE	1284	21	11,675	228,064	228,064	-	213,924	14,140				no change	228,064	228,064	-	213,924	14,140					
	425 MADISON AVENUE	1284	52	6,484	102,519	102,519	-	97,519	5,000				no change	102,519	102,519	-	97,519	5,000					
	423 MADISON AVENUE	1284	152	2,180	8,740	4,165	4,575	-	4,165		7		no change	8,740	4,165	4,575	-	4,165		7			
	TOTAL			20,339	339,323	334,748	4,575	311,443	23,305	-	7	-		339,323	334,748	4,575	311,443	23,305	-	7	-	-	-
Potential Site D	410 MADISON AVENUE	1284	14	7,164	58,395	58,395		51,555	6,840				no change	58,395	58,395		51,555	6,840					
	418 MADISON AVENUE	1284	17	3,275	46,167	46,167		40,967	5,200				no change	46,167	46,167		40,967	5,200					
	422 MADISON AVENUE	1284	55	1,750	8,119	8,119		4,869	3,250				no change	8,119	8,119		4,869	3,250					
	424 MADISON AVENUE	1284	56	4,375	62,237	62,237		60,065	2,172				no change	62,237	62,237		60,065	2,172					
	22 EAST 49 STREET	1284	59	2,553	16,224	16,224		11,590	4,634				no change	16,224	16,224		11,590	4,634					
	20 EAST 49 STREET	1284	60	2,513	14,060	14,060		11,717	2,343				no change	14,060	14,060		11,717	2,343					
	TOTAL			21,630	205,202	205,202	-	180,763	24,439	-	-	-		205,202	205,202	-	180,763	24,439	-	-	-	-	-
Potential Site E	350 PARK AVENUE	1287	33	27,925	535,700	535,700		517,700	18,000				no change	535,700	535,700		517,700	18,000			-		
	TOTAL			27,925	535,700	535,700	-	517,700	18,000	-	-	-		535,700	535,700	-	517,700	18,000	-	-	-	-	-
Potential Site F	400 PARK AVENUE	1290	36	12552	214,392	214,392		147,007	67,385				no change	214,392	214,392		147,007	67,385					
	410 PARK AVENUE	1290	37	11715	236,665	236,665		228,665	8,000				no change	236,665	236,665		228,665	8,000					
	TOTAL			24,267	451,057	451,057	-	375,672	75,385	-	-	-		451,057	451,057	-	375,672	75,385	-	-	-	-	-
Potential Site I	141 EAST 45 STREET	1300	26	2,008	5,468	5,468	-	-	5,468	-	-	-	no change	5,468	5,468	-	-	5,468	-				
	730 3 AVENUE	1300	33	38,168	665,110	665,110		615,379	25,904	23,827			no change	665,110	665,110		615,379	25,904	23,827				
	158 EAST 46 STREET	1300	42	3,314	6,632	6,632		-	6,632	-			no change	6,632	6,632		-	6,632	-				
	154 EAST 46 STREET	1300	44	3,213	18,810	18,810		18,810	-	-			no change	18,810	18,810		18,810	-	-				
	TOTAL			46,703	696,020	696,020	-	634,189	38,004	23,827	-	-		696,020	696,020	-	634,189	38,004	23,827	-	-	-	-
Potential Site J	155 EAST 50 STREET	1305	33	10,744	159,582	159,582	-	-	-	159,582			no change	159,582	159,582	-	-	-	159,582				
	830 3 AVENUE	1305	40	10,041	135,000	135,000	-	128,150	6,850	-			no change	135,000	135,000	-	128,150	6,850	-				
	TOTAL			20,785	294,582	294,582	-	128,150	6,850	159,582	-	-		294,582	294,582	-	128,150	6,850	159,582	-	-	-	-
Potential Site N	845 3 AVENUE	1325	1	21,100	321,452	321,452	-	308,397	13,055				no change	321,452	321,452	-	308,397	13,055					
	TOTAL			21,100	321,452	321,452	-	308,397	13,055	-	-	-		321,452	321,452	-	308,397	13,055	-	-	-	-	-

Appendix I.1: Lower Density Alternative - Potential Sites

	Site Data				With Action Scenario															Increment							
	Address	*Block*	*Lot*	*Lot Area*	*Changes*	*Proposed Maximum FAR*	*Zoning Square Feet*	*Building Floor Area gsf (including mechanical)**	*Usable Floor Area (gross square feet, excluding mechanical)*	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*# of hotel rooms, conversion or new construction*	*Parking sf*	*Mechanical gsf*	*Retail Breakdoown - Neighborhood retail*	*Retail Breakdoown - Destination retail*	*Building Floor Area gsf (including mechanical)**	*Commercial Floor Area gsf (Office, Retail and Hotel floor area)*	*Residential Floor Area gsf*	*Office Floor Area gsf (usable)*	*Retail Floor Area gsf*	*Hotel Floor Area gsf*	*# of Residential Units*	*Parking sf*
Potential Site C	413 MADISON AVENUE	1284	21	11,675	Develops as Office Building	18	366,102.00	421,017	384,407	384,407		364,068	20,339					36,610	20,339									
	425 MADISON AVENUE	1284	52	6,484																								
	423 MADISON AVENUE	1284	152	2,180																								
	TOTAL			20,339			366,102	421,017	384,407	384,407	-	364,068	20,339	-	-	-	-	36,610	20,339	-	81,694	49,659	(4,575)	52,625	(2,966)	-	(7)	-
Potential Site D	410 MADISON AVENUE	1284	14	7,164	Develops as Office Building	16	346,080.00	397,992	363,384	363,384		341,754	21,630					34,608	21,630									
	418 MADISON AVENUE	1284	17	3,275																								
	422 MADISON AVENUE	1284	55	1,750																								
	424 MADISON AVENUE	1284	56	4,375																								
	22 EAST 49 STREET	1284	59	2,553																								
	20 EAST 49 STREET	1284	60	2,513																								
	TOTAL			21,630			346,080.00	397,992	363,384	363,384	-	341,754	21,630	-	-	-	-	34,608	21,630	-	192,790	158,182	-	160,991	(2,809)	-	-	-
Potential Site E	350 PARK AVENUE	1287	33	27,925	Develops as Office Building	23	642,275	738,616	674,389	674,389		646,464	27,925					64,228	*27,925*									
	TOTAL			27,925			642,275	738,616	674,389	674,389	-	646,464	27,925	-	-	-	-	64,228	*27,925*	-	202,916	138,689	-	128,764	9,925	-	-	-
Potential Site F	400 PARK AVENUE	1290	36	12552	Develops as Office Building	23	558,141.00	641,862	586,048	586,048		561,781	24,267					55,814	24,267									
	410 PARK AVENUE	1290	37	11715																								
	TOTAL			24,267			558,141.00	641,862	586,048	586,048	-	561,781	24,267	-	-	-	-	55,814	24,267	-	190,805	134,991	-	186,109	(51,118)	-	-	-
Potential Site I	141 EAST 45 STREET	1300	26	2,008	Develops as Office Building	16	747,248.00	859,335	784,610	784,610		737,907	46,703					74,725	23,352	23,352								
	730 3 AVENUE	1300	33	38,168																								
	158 EAST 46 STREET	1300	42	3,314																								
	154 EAST 46 STREET	1300	44	3,213																								
	TOTAL			46,703			747,248.00	859,335	784,610	784,610	-	737,907	46,703	-	-	-	-	74,725	23,352	23,352	163,315	88,590	-	103,718	8,699	(23,827)	-	-
Potential Site J	155 EAST 50 STREET	1305	33	10,744	Develops as Office Building	16	332,560.00	382,444	349,188	349,188		328,403	20,785					33,256	20,785									
	830 3 AVENUE	1305	40	10,041																								
	TOTAL			20,785			332,560.00	382,444	349,188	349,188	-	328,403	20,785	-	-	-	-	33,256	20,785	-	87,862	54,606	-	200,253	13,935	(159,582)	-	-
Potential Site N	845 3 AVENUE	1325	1	21,100	Develops as Office Building	16	337,600.00	388,240.00	354,480.00	354,480.00		333,380.00	21,100		-			33,760.00	21,100									
	TOTAL			21,100			337,600.00	388,240.00	354,480.00	354,480.00	-	333,380.00	21,100.00	-	-	-	-	33,760.00	21,100.00	-	66,788	33,028	-	24,983	8,045	-	-	-
																					986,170.90	657,745.30	(4,575.00)	857,443.30	(16,289.00)	(183,409.00)	(7.00)	-

Appendix I.2

Lesser Density Alternative Traffic Volume Figures

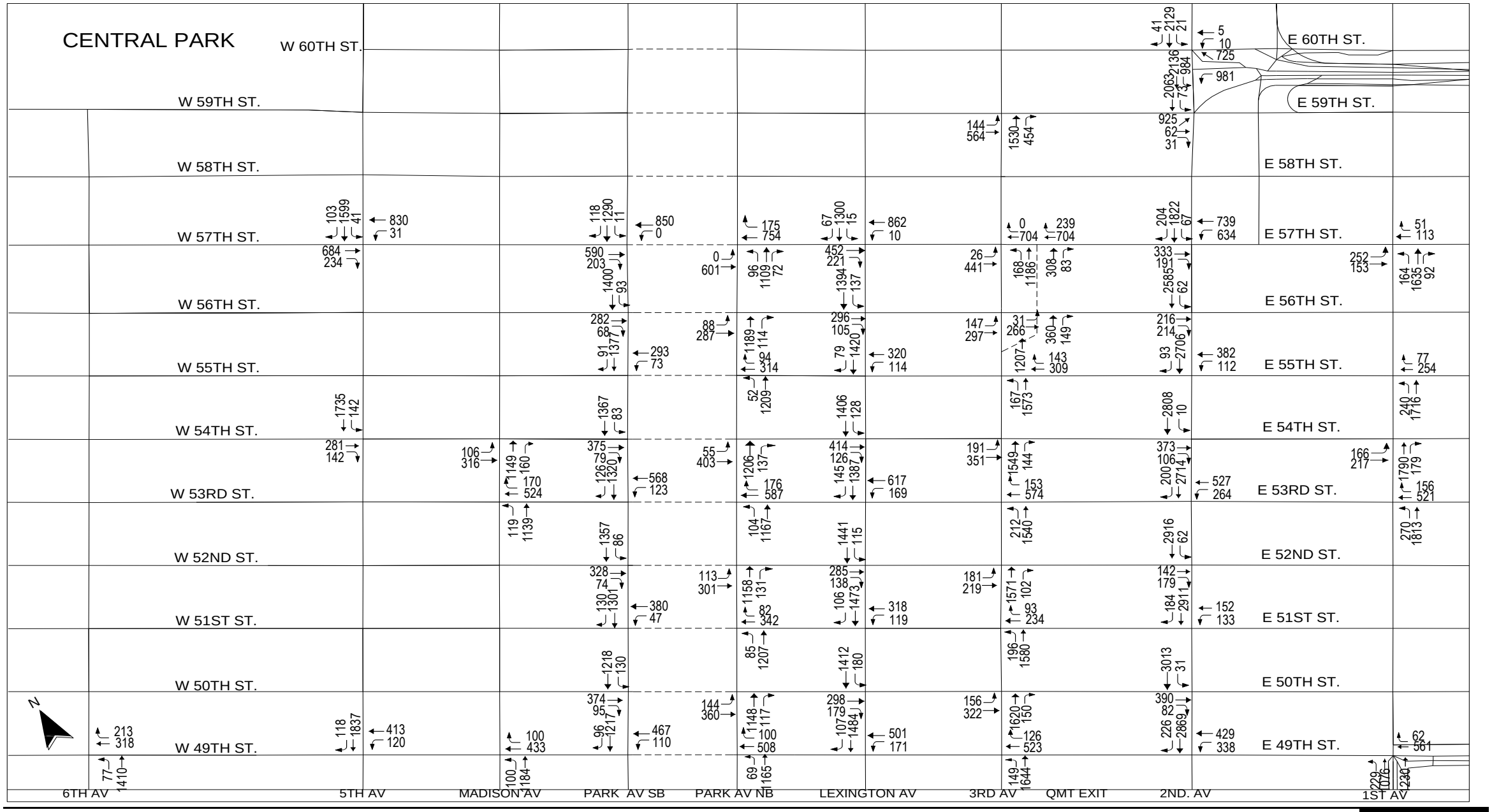


Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday AM Peak Hour

Figure 1-a

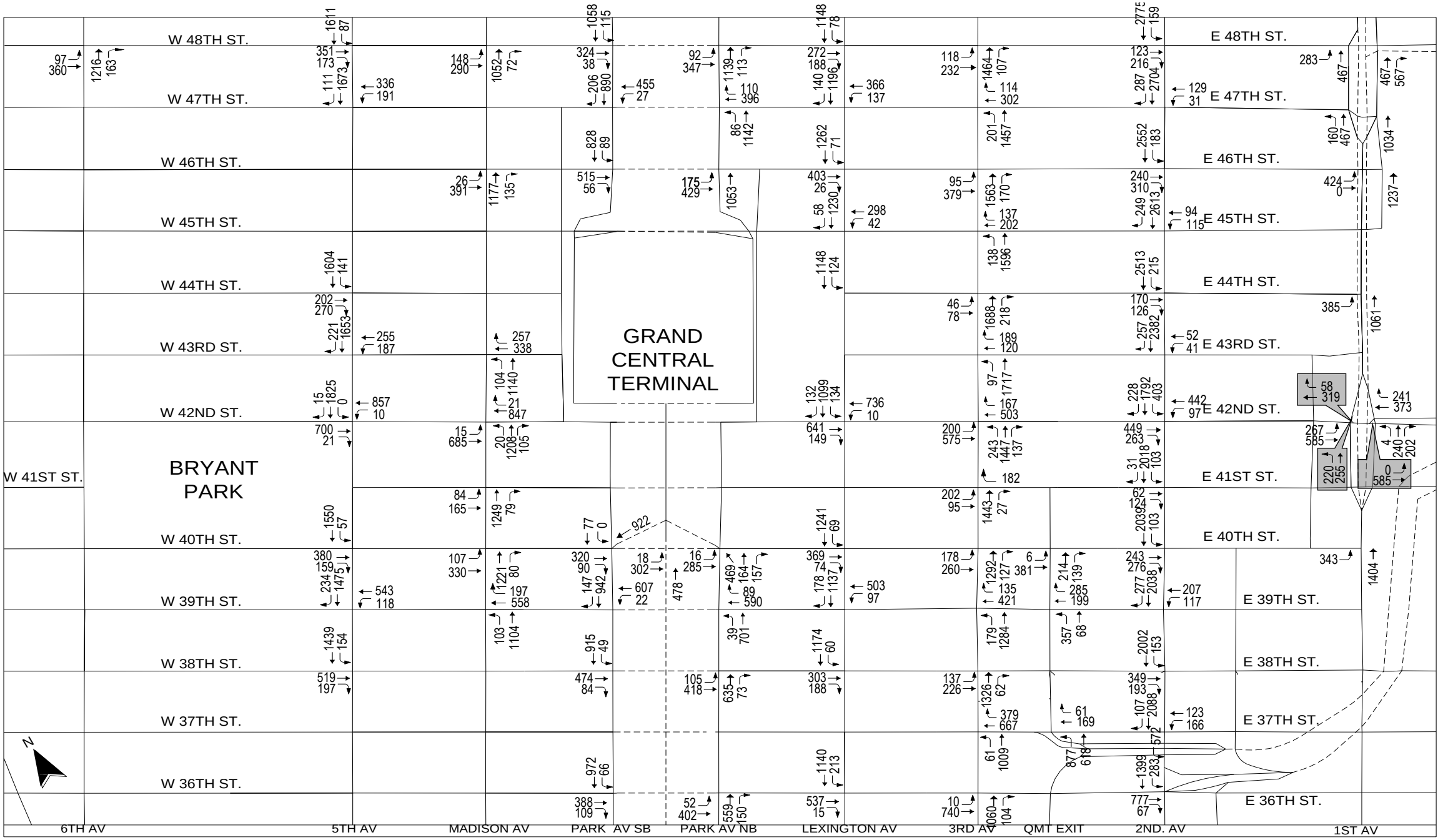
vhb



Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday AM Peak Hour

Figure 1-b

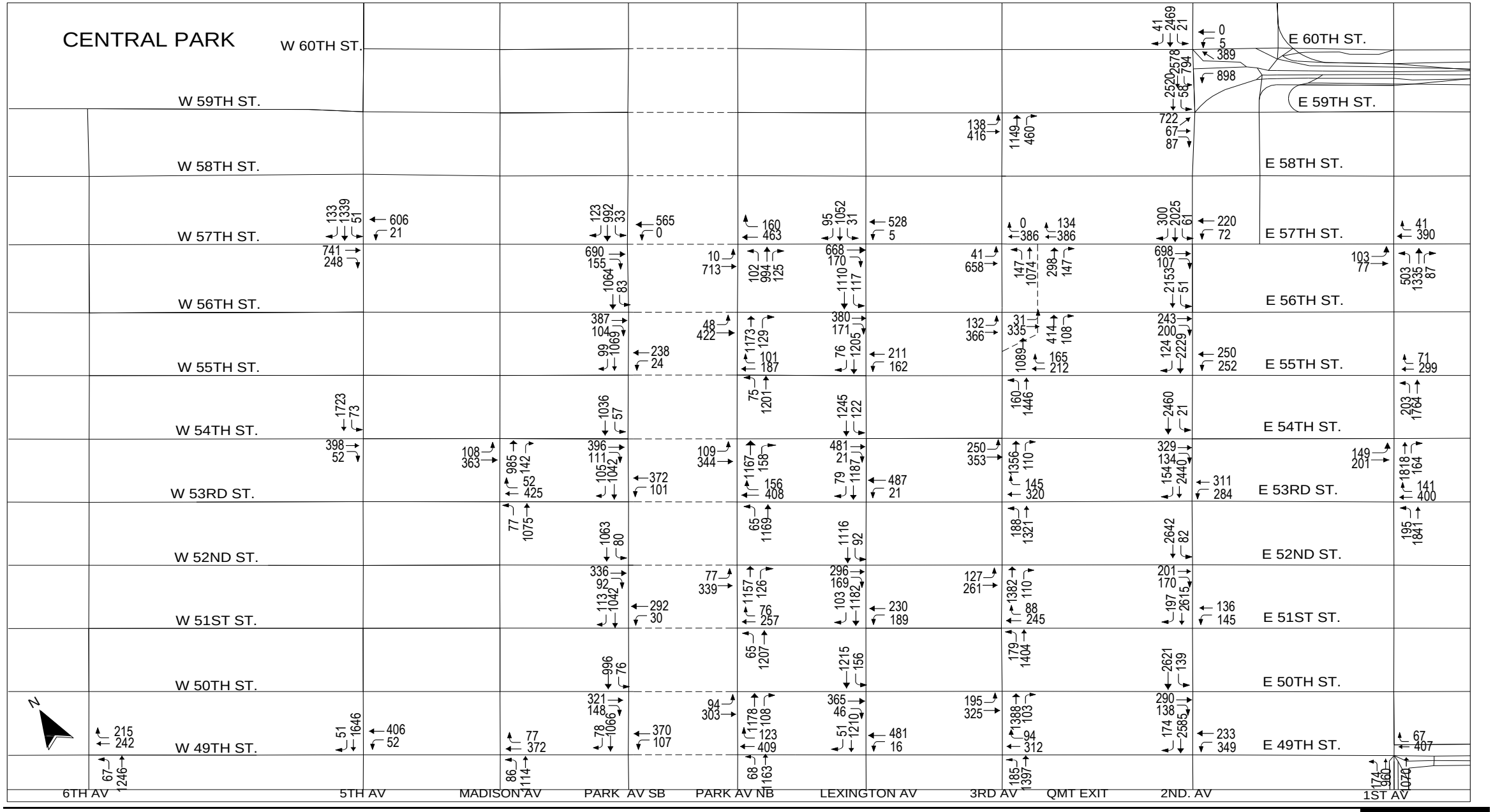


Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday Midday Peak Hour

Figure 2-a

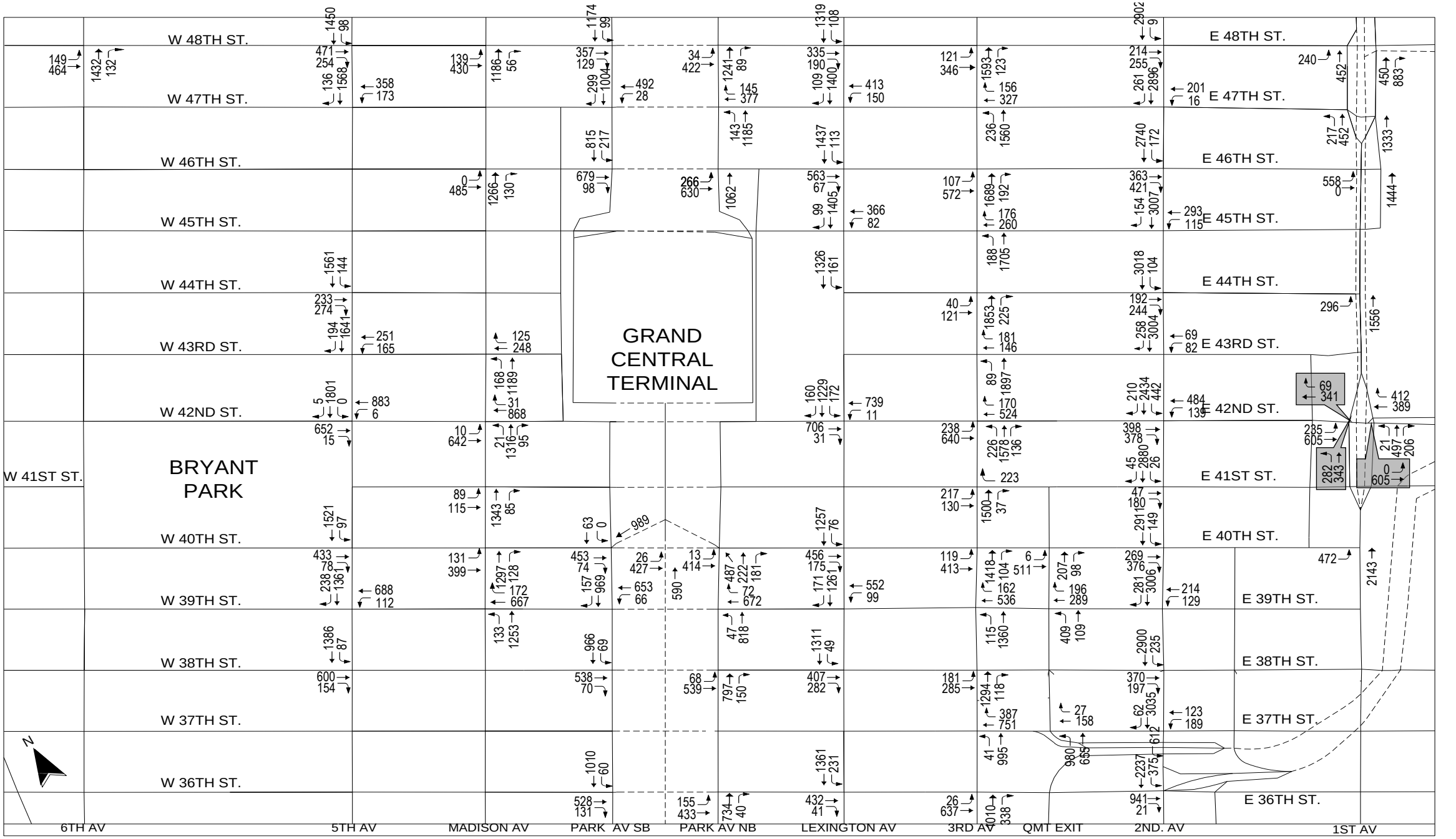
vhb



Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday Midday Peak Hour

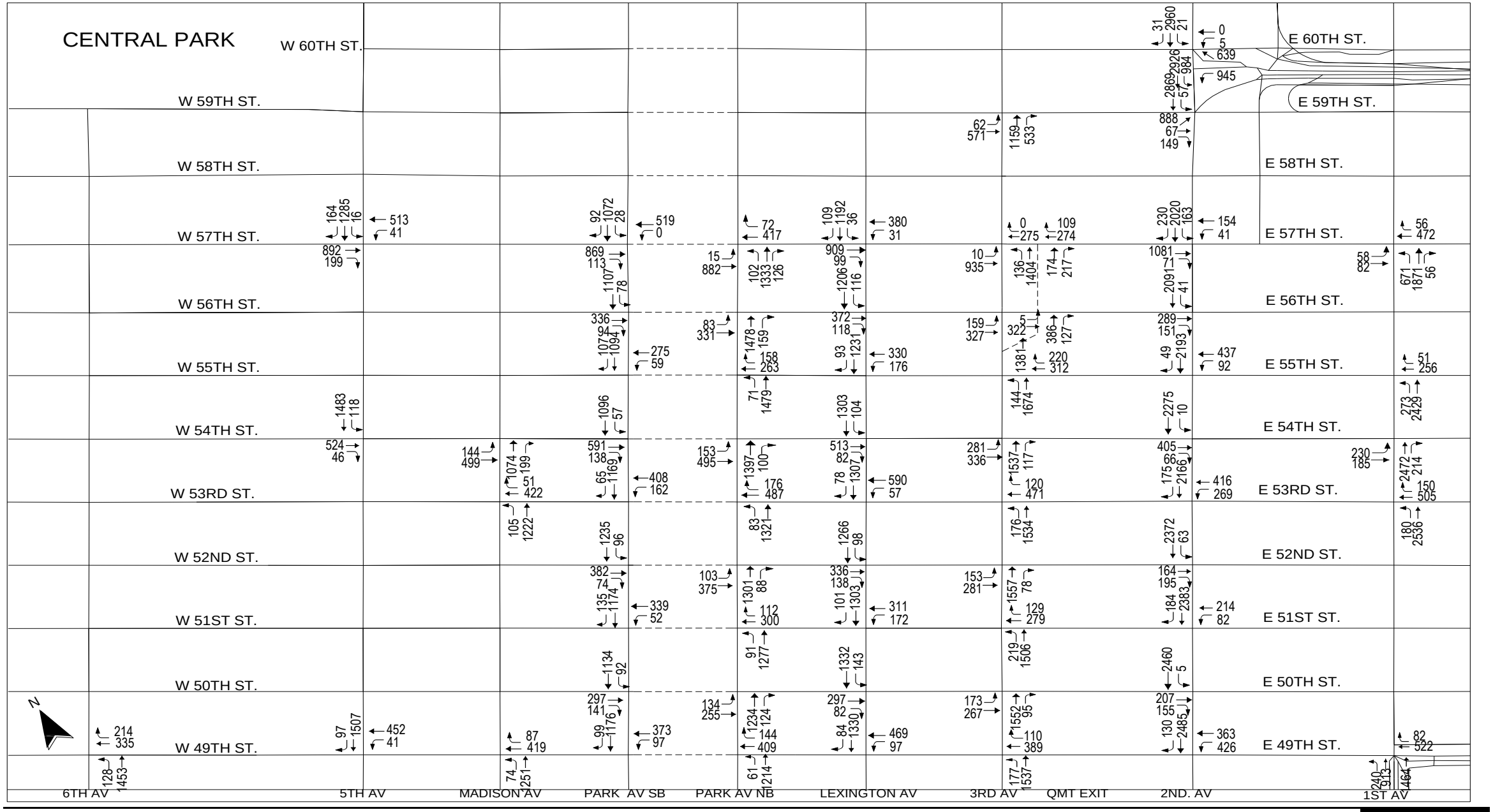
Figure 2-b



Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday PM Peak Hour

Figure 3-a



Greater East Midtown Rezoning
Manhattan, New York

2036 Lesser Density Alternative Traffic Volumes
Weekday PM Peak Hour

Figure 3-b

Appendix I.3
Lesser Density Alternative Traffic LOS Tables

Greater East Midtown Rezoning EIS

2036 Lesser Density Alternative Level of Service Tables

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
1st Avenue & East 40th Street												
Eastbound	L	1.14	104.7	F	L	1.01	75.4	E	L	1.26	153.4	F
Northbound	T	1.24	139.1	F	T	0.91	30.2	C	T	1.38	198.8	F
1st Avenue & East 42nd Street												
Eastbound (East Side)	T	1.32	172.3	F	T	0.86	25.9	C	T	0.76	16.6	B
Westbound (East Side)	TR	1.21	141.3	F	TR	0.77	41.3	D	TR	0.82	39.8	D
	R	1.18	153.3	F	R	1.52	295.6	F	R	1.30	197.2	F
Northbound (East Side)	LT	0.68	98.3	F	LT	0.47	21.3	C	LT	1.20	137.5	F
	R	1.66	328.2	F	R	0.49	22.6	C	R	1.33	193.0	F
Eastbound (West Side)	L	0.96	114.2	F	L	1.08	95.2	F	L	1.07	93.5	F
	T	0.80	74.6	E	T	0.50	21.8	C	T	0.49	15.9	B
Westbound (West Side)	TR	1.03	33.5	C	TR	0.69	8.4	A	TR	0.59	5.5	A
Northbound (West Side)	L	0.77	26.6	C	L	0.51	19.4	B	L	1.03	55.7	E
	T	0.75	82.0	F	T	0.49	25.2	C	T	0.87	88.5	F
1st Avenue & East 44th Street												
Eastbound	L	0.82	25.1	C	L	1.05	78.1	E	L	0.68	21.3	C
Northbound	T	0.71	1.8	A	T	0.54	1.1	A	T	0.79	2.9	A
1st Avenue & East 46th Street												
Eastbound	L	0.82	31.9	C	L	1.11	98.4	F	L	1.44	224.6	F
Northbound	T	0.72	2.4	A	T	0.65	2.5	A	T	0.94	59.5	E
1st Avenue & East 47th Street												
Northbound (East Side)	T	0.76	13.6	B	T	0.82	17.4	B	T	1.19	105.2	F
Northbound (West Side)	L	0.71	17.3	B	L	0.46	11.4	B	L	0.60	12.3	B
	T	0.74	17.9	B	T	0.73	16.6	B	T	0.70	16.2	B
1st Avenue & East 48th Street (East Side)												
Northbound	T	0.32	0.4	A	T	0.31	0.3	A	T	0.29	0.2	A
	R	0.68	4.3	A	R	0.88	13.5	B	R	1.36	173.0	F
1st Avenue & East 49th Street												
Westbound (East Side)	T	1.04	76.2	E	T	0.72	28.5	C	T	0.88	40.7	D
	R	0.20	16.9	B	R	0.19	16.8	B	R	0.22	17.1	B
Northbound (East Side)	T	1.01	80.4	F	T	0.93	66.7	E	T	1.24	137.1	F
Westbound (West Side)	T	1.04	31.4	C	T	0.72	6.1	A	T	0.88	12.2	B
Northbound (West Side)	LT	1.04	57.0	E	LT	0.93	29.7	C	LT	1.09	75.0	E
1st Avenue & East 53rd Street												
Westbound	TR	0.79	31.3	C	TR	0.60	25.0	C	TR	0.70	27.6	C
Northbound	L	0.62	22.9	C	L	0.53	19.8	B	L	0.54	20.6	C
	T	0.81	25.0	C	T	0.86	26.4	C	T	1.10	76.0	E
1st Avenue & East 54th Street												
Eastbound	LT	1.12	103.2	F	LT	1.12	103.0	F	LT	1.19	129.8	F
Northbound	T	1.01	64.1	E	TR	0.95	12.7	B	T	1.07	53.2	D
	R	0.79	18.8	B					R	0.81	11.8	B
1st Avenue & East 55th Street												
Westbound	TR	0.83	42.7	D	TR	1.00	73.5	E	TR	0.72	34.5	C
Northbound	L	1.19	118.4	F	L	0.97	41.2	D	L	1.09	60.8	E
	T	1.05	60.9	E	T	0.77	5.4	A	T	0.99	43.0	D
1st Avenue & East 57th Street												
Eastbound	LT	1.20dl	58.1	E	LT	1.06dl	39.2	D	LT	0.58	33.2	C
Westbound	TR	0.39	30.2	C	TR	0.77	40.1	D	TR	0.87	48.2	D
Northbound	L	0.38	21.4	C	L	1.03	65.4	E	L	1.03	66.5	E
	T	1.38	195.6	F	TR	0.81	9.5	A	T	0.89	12.9	B
	R	0.23	9.1	A					R	0.15	7.6	A

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
2nd Avenue & East 36th Street												
Eastbound	TR	1.32	173.8	F	TR	0.96	39.2	D	TR	1.66	321.9	F
Southbound	L	1.70	336.0	F	L	0.31	6.5	A	L	0.84	15.3	B
	T	1.18	105.1	F	T	0.79	11.2	B	T	1.12	71.5	E
South-Westbound	L	1.14	113.9	F								
2nd Avenue & East 37th Street												
Westbound												
	LT	0.99dl	44.7	D	LT	0.40	24.2	C	LT	0.49	19.2	B
Southbound	T	1.26	130.6	F	TR	1.11	60.6	E	T	1.27	133.5	F
	R	0.10	3.3	A					R	0.35	4.5	A
2nd Avenue & East 38th Street												
Eastbound	TR	1.14	116.1	F	TR	0.81	34.0	C	TR	1.11	102.7	F
Southbound	LT	1.30	149.6	F	LT	1.11	60.6	E	LT	1.29	141.7	F
2nd Avenue & East 39th Street												
Westbound	L	0.25	23.7	C	L	0.31	24.4	C	L	0.35	25.1	C
	T	0.96	70.2	E	T	0.39	25.0	C	T	0.40	25.2	C
Southbound	T	1.25	132.8	F	TR	1.22	115.3	F	T	1.27	138.4	F
	R	1.09	67.8	E					R	0.82	16.3	B
2nd Avenue & East 40th Street												
Eastbound	T	0.82	43.3	D	T	0.58	20.9	C	T	1.07	61.3	E
	R	0.57	36.4	D	R	1.04	80.0	F	R	1.34	179.1	F
Southbound	LT	1.14	80.1	F	LT	1.15	86.2	F	LT	1.18	92.9	F
2nd Avenue & East 41st Street												
Eastbound	TR	0.58	46.0	D	TR	0.61	31.3	C	TR	1.01	83.4	F
Southbound	LT	1.27	139.3	F	LT	1.20	108.2	F	LT	1.25	130.5	F
	R	0.75	17.2	B	R	0.18	8.4	A	R	0.21	5.4	A
2nd Avenue & East 42nd Street												
Eastbound	TR	1.37	195.8	F	TR	1.05	70.5	E	TR	1.18	103.8	F
Westbound	LT	1.87dl	154.1	F	LT	1.13dl	105.9	F	LT	1.93dl	177.7	F
Southbound					L	1.30	163.3	F				
	LT	1.19	110.3	F	T	1.14	88.8	F	LT	1.20	107.4	F
	R	0.75	27.1	C	R	1.02	49.4	D	R	0.85	20.4	C
2nd Avenue & East 43rd Street												
Westbound	LT	0.34	25.0	C	LT	0.25	23.3	C	LT	0.38	25.6	C
Southbound	T	1.14	84.0	F	TR	1.49	239.8	F	T	1.16	88.4	F
	R	1.17	101.5	F					R	1.24	130.3	F
2nd Avenue & East 44th Street												
Eastbound	TR	1.01	49.2	D	TR	0.98	36.0	D	TR	1.29	155.2	F
Southbound					L	0.55	8.8	A				
	LT	1.20	108.1	F	T	1.19	101.2	F	LT	1.16	82.9	F
2nd Avenue & East 45th Street												
Westbound	LT	1.02	96.2	F	LT	0.74	43.9	D	LT	1.09	86.3	F
Southbound	T	1.19	103.0	F	TR	1.46	226.3	F	T	1.15	82.2	F
	R	1.23	125.6	F					R	1.02	43.4	D
2nd Avenue & East 46th Street												
Eastbound	TR	0.66	37.7	D	T	0.58	32.1	C	TR	1.28dr	86.7	F
					R	1.23	156.4	F				
Southbound					L	0.56	10.4	B				
	LT	1.19	101.6	F	T	1.23	122.4	F	LT	1.14	74.6	E
2nd Avenue & East 47th Street												
Westbound	L	0.16	43.5	D	L	0.15	45.8	D	L	0.10	20.3	C
	T	0.65	55.2	E	T	0.38	50.2	D	T	0.55	24.0	C
Southbound	T	1.22	116.4	F	TR	1.52	251.4	F	T	1.17	86.4	F
	R	1.10	65.6	E					R	1.20	108.3	F

Intersection & Approach (Signalized Intersections)		AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
2nd Avenue & East 48th Street												
Eastbound	TR	1.13	102.6	F	TR	1.10	96.0	F	TR	1.19	130.3	F
Southbound	L	0.51	11.2	B	L	1.28	149.2	F				
	T	1.53	260.9	F	T	1.36	184.6	F	LT	1.10	63.5	E
2nd Avenue & East 49th Street												
Westbound	L	0.87	92.5	F	L	0.98	101.1	F	L	1.19	124.9	F
	T	0.40	23.5	C	T	0.23	19.9	B	T	0.40	18.8	B
Southbound	T	1.33	165.8	F	TR	1.19	102.3	F	T	0.94	48.6	D
	R	1.02	44.3	D					R	0.46	2.1	A
2nd Avenue & East 50th Street												
Eastbound	TR	0.59	35.9	D	TR	0.63	37.7	D	TR	0.55	18.7	B
Southbound	L	0.07	8.0	A	L	0.39	10.8	B				
	T	1.61	292.5	F	T	1.36	181.6	F	LT	1.14	73.2	E
2nd Avenue & East 51st Street												
Westbound	L	0.79	61.0	E								
	T	0.61	38.2	D	LT	0.71	37.0	D	LT	0.71	36.1	D
Southbound	T	1.60	290.8	F	TR	1.37	184.6	F	T	1.10	55.7	E
	R	0.97	30.5	C					R	0.97	27.1	C
2nd Avenue & East 52nd Street												
Eastbound	TR	0.83	39.7	D	TR	0.93	45.9	D	TR	0.91	52.3	D
Southbound	L	0.15	7.2	A	L	0.18	7.3	A	L	0.21	1.9	A
	T	1.54	263.0	F	T	1.35	178.3	F	T	1.32	159.4	F
2nd Avenue & East 53rd Street												
Westbound	LT	1.08	78.8	E	LT	1.12dl	84.9	F	LT	0.96	63.1	E
Southbound	T	1.52	254.1	F	TR	1.36	183.4	F	T	1.42	208.5	F
	R	0.69	19.9	B					R	0.68	11.8	B
2nd Avenue & East 54th Street												
Eastbound	TR	0.63	27.8	C	TR	0.61	25.2	C	TR	0.55	31.3	C
Southbound	L	0.02	8.3	A	L	0.06	8.2	A	L	0.05	1.1	A
	T	1.63	303.3	F	T	1.45	221.4	F	T	1.48	234.4	F
2nd Avenue & East 55th Street												
Westbound	L	0.32	18.0	B	L	0.78	25.0	C	L	0.35	27.7	C
	T	0.94	37.1	D	T	1.07	76.3	E	T	1.08	85.6	F
Southbound	T	1.66	315.8	F	TR	1.67	324.0	F	T	1.48	232.8	F
	R	0.43	11.9	B					R	0.27	3.6	A
2nd Avenue & East 56th Street												
Eastbound	T	0.76	31.2	C	T	0.52	11.7	B	T	0.65	27.0	C
	R	0.88	43.8	D	R	0.57	15.7	B	R	0.49	24.3	C
Southbound	L	0.11	2.2	A	L	0.33	4.5	A	L	0.11	1.5	A
	T	1.55	266.5	F	T	1.45	226.4	F	T	1.34	167.8	F
2nd Avenue & East 57th Street												
Eastbound	T	0.57	54.2	D	TR	1.19	133.6	F	T	1.24	138.3	F
	R	1.39	247.8	F					R	0.30	23.4	C
Westbound	L	1.21	147.7	F								
	LT	1.15	111.0	F	LT	0.79	37.4	D	LT	0.88dl	23.6	C
Southbound	L	0.52	36.7	D	L	0.22	20.2	C	L	0.60	17.5	B
	T	1.24	138.1	F	T	1.16	102.6	F	T	1.08	70.7	E
	R	1.10	111.0	F	R	1.04	76.9	E	R	0.82	30.3	C
2nd Avenue & East 59th Street												
Eastbound	L	1.14	87.9	F	L	1.15	95.6	F	L	1.41	206.6	F
	TR	0.40	19.4	B	TR	0.51	42.6	D	TR	0.76	87.1	F
Southbound	L	1.08	66.3	E	L	1.09	63.8	E	L	1.10	62.6	E
	LT	1.34	173.5	F	LT	1.19	100.8	F	LT	1.16	85.8	F

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
2nd Avenue & East 60th Street												
Westbound	LT	0.02	14.2	B	LT	0.01	14.2	B	LT	0.02	14.2	B
Southbound	L	0.05	14.6	B					L	0.07	14.9	B
	T	1.06	82.1	F	LTR	1.12	85.9	F	T	1.10	78.4	E
	R	0.14	16.0	B					R	0.12	15.7	B
Westbound (Bridge Exit)	L	1.41	217.0	F	L	1.28	162.3	F	L	1.17	115.3	F
	T	1.27	159.7	F	T	0.70	29.5	C	T	1.02	69.4	E
Tunnel Exit Street & East 37th Street												
Westbound	TR	0.18	9.0	A	TR	0.61	42.9	D	TR	0.36	37.1	D
North-Westbound	L	0.33	0.2	A	L	0.21	0.1	A	L	0.24	0.1	A
	R	0.73	23.2	C	R	0.51	12.0	B	R	0.63	20.1	C
Tunnel Exit Street & East 39th Street												
Westbound	TR	0.87	74.5	E	TR	0.92dr	33.4	C	TR	0.59	27.3	C
Northbound					L	1.12	118.0	F				
	LT	0.36	10.8	B	T	0.12	20.0	B	LT	1.16dl	16.0	B
Tunnel Exit Street & East 40th Street												
Eastbound	LT	1.02	97.9	F	LT	0.94	82.9	F	LT	1.31	158.3	F
Northbound	TR	0.25	13.0	B	TR	0.23	7.0	A	TR	0.23	12.3	B
3rd Avenue & East 36th Street												
Eastbound	LT	1.14	105.9	F	LT	0.70	22.5	C	LT	1.64	311.7	F
Northbound	TR	0.86	43.1	D	TR	0.98	65.1	E	TR	0.57	19.9	B
	R	1.09	126.1	F	R	0.56	45.6	D	R	1.15	148.0	F
3rd Avenue & East 37th Street												
Westbound	TR	0.69	18.1	B	TR	0.57	16.4	B	TR	0.56	17.5	B
	R	1.05	121.2	F	R	0.88	78.9	E	R	1.05	119.5	F
Northbound	LT	1.03	66.1	E	LT	1.00	60.8	E	LT	0.61	5.8	A
3rd Avenue & East 38th Street												
Eastbound	LT	0.36	31.9	C	LT	0.46	31.9	C	LT	0.74	38.3	D
Northbound	T	1.05	65.5	E	T	1.05	71.8	E	T	0.69	11.4	B
	R	0.60	13.0	B	R	0.42	12.8	B	R	0.42	10.1	B
3rd Avenue & East 39th Street												
Westbound	T	1.75	363.5	F	T	1.51	258.3	F	T	1.20	139.1	F
	R	1.29	174.6	F	R	0.86	43.8	D	R	0.53	32.0	C
Northbound	LT	1.33	168.8	F	LT	1.23	126.2	F	LT	1.08	69.7	E
3rd Avenue & East 40th Street												
Eastbound	LT	0.98	86.8	F	LT	1.00	105.6	F	LT	1.59	307.6	F
Northbound	T	1.25	131.0	F	T	1.18	97.2	F	T	1.17	97.7	F
	R	0.73	101.9	F	R	0.95	58.2	E	R	1.08	71.7	E
3rd Avenue & East 41st Street												
Eastbound					L	1.11	133.3	F				
	LT	0.75	67.1	E	T	0.33	40.3	D	LT	1.13	104.8	F
Westbound	R	1.08	115.9	F	R	1.13	134.2	F	R	0.89	68.3	E
Northbound	T	1.18	102.7	F	T	0.96	62.5	E	T	1.11	72.6	E
	R	0.33	12.8	B	R	0.31	14.1	B	R	0.30	14.0	B
3rd Avenue & East 42nd Street												
Eastbound	L	1.15	112.9	F	L	0.98	75.8	E	L	1.10	95.3	F
	T	1.12	77.4	E	T	1.16	116.0	F	T	1.07	74.7	E
Westbound	T	0.91	42.3	D	T	0.85	33.9	C	T	0.95	37.0	D
	R	1.29	172.0	F	R	1.20	128.6	F	R	1.21	133.7	F
Northbound	LT	1.26	145.8	F	LT	1.15	99.6	F	LT	1.08	73.9	E
	R	0.50	23.3	C	R	0.83	40.4	D	R	1.05	69.8	E
3rd Avenue & East 43rd Street												
Westbound	TR	0.59	19.2	B	TR	0.85	21.0	C	TR	0.81	19.8	B
	R	0.65	20.6	C								
Northbound	LT	1.12	71.7	E	LT	1.08	62.2	E	LT	1.05	63.3	E

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
3rd Avenue & East 44th Street												
Eastbound	LT	0.35	27.5	C	LT	0.27	26.9	C	LT	0.31	27.3	C
Northbound	T	1.05	63.8	E	T	1.07	64.5	E	T	1.19	97.8	F
	R	2.21	564.4	F	R	1.79	377.1	F	R	2.89	867.8	F
3rd Avenue & East 45th Street												
Westbound	T	1.13	98.9	F	T	0.58	17.5	B	T	0.70	15.5	B
	R	0.85	62.4	E	R	0.68	36.2	D	R	0.83	40.9	D
Northbound	LT	1.15	90.4	F	LT	1.18	107.3	F	LT	1.15	85.7	F
3rd Avenue & East 46th Street												
Eastbound	L	0.63	40.0	D	L	0.37	28.7	C	L	0.39	41.8	D
	T	0.37	11.7	B	T	0.52	10.3	B	T	0.76	31.2	C
Northbound	T	1.07	68.0	E	T	1.14	87.7	F	T	1.19	97.8	F
	R	0.66	21.3	C	R	1.28	153.3	F	R	0.94	22.8	C
3rd Avenue & East 47th Street												
Westbound	T	1.32	175.3	F	T	1.12	83.9	F	T	1.07	79.0	E
	R	0.57	18.5	B	R	0.70	22.6	C	R	0.71	30.0	C
Northbound	LT	1.22	123.2	F	LT	1.20	109.9	F	LT	1.19	112.2	F
3rd Avenue & East 48th Street												
Eastbound	L	0.28	19.7	B	L	0.26	21.3	C	L	0.29	21.9	C
	T	0.55	24.0	C	T	0.40	23.4	C	T	0.53	24.1	C
Northbound	T	1.05	66.2	E	T	1.16	98.7	F	T	1.17	99.9	F
	R	0.78	24.2	C	R	0.95	43.4	D	R	1.10	84.9	F
3rd Avenue & East 49th Street												
Westbound	T	1.08	86.1	F	T	0.48	17.2	B	T	0.62	23.3	C
	R	0.56	42.4	D	R	0.44	39.7	D	R	0.59	50.3	D
Northbound	LT	1.12	77.7	E	LT	1.19	109.7	F	LT	1.21	121.3	F
3rd Avenue & East 50th Street												
Eastbound	L	0.29	12.9	B	L	0.43	7.7	A	L	0.83	41.5	D
	T	0.49	13.9	B	T	0.51	8.4	A	T	0.82	35.4	D
Northbound	T	1.17	99.8	F	T	1.19	105.4	F	T	1.15	90.8	F
	R	1.09	78.9	E	R	1.09	82.4	F	R	0.65	22.3	C
3rd Avenue & East 51st Street												
Westbound	T	0.78	34.0	C	T	0.81	25.2	C	T	1.14	109.5	F
	R	0.40	20.6	C	R	0.40	17.5	B	R	0.70	31.3	C
Northbound	LT	1.22	121.1	F	LT	1.16	97.9	F	LT	1.16	101.3	F
3rd Avenue & East 52nd Street												
Eastbound	LT	0.78	25.7	C	LT	0.84	21.2	C	LT	0.95	52.0	D
Northbound	T	1.16	95.6	F	T	1.12	75.1	E	T	1.17	97.5	F
	R	1.15	97.9	F	R	1.16	104.5	F	R	1.13	99.2	F
3rd Avenue & East 53rd Street												
Westbound	T	1.15	105.8	F	T	0.61	11.4	B	T	1.06	69.6	E
	R	1.04	119.6	F	R	0.76	32.7	C	R	0.83	93.0	F
Northbound	LT	1.13	85.1	F	LT	1.10	77.1	E	LT	1.20	115.3	F
3rd Avenue & East 54th Street												
Eastbound	L	0.99	68.9	E	L	1.26	155.9	F	L	1.07	102.9	F
	T	0.59	19.8	B	T	0.69	20.4	C	T	0.73	39.5	D
Northbound	T	1.10	78.4	E	T	1.07	76.5	E	T	1.13	90.9	F
	R	0.79	35.2	D	R	0.74	32.2	C	R	0.85	37.9	D
3rd Avenue & East 55th Street												
Westbound	T	1.09	85.6	F	T	0.90	26.5	C	T	1.21	133.5	F
	R	0.99	74.8	E	R	1.07	68.3	E	R	1.12	111.9	F
Northbound	LT	1.24	131.3	F	LT	1.23	128.7	F	LT	1.28	147.3	F

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
3rd Avenue & East 56th Street												
Eastbound (West Side)	LT	0.86	51.6	D	LT	0.98	106.6	F	LT	1.16	111.0	F
Northbound (West Side)	T	1.20	112.5	F	T	1.15	92.9	F	T	1.34	175.1	F
Eastbound (East Side)	LT	0.98	42.8	D	LT	0.91	23.8	C	LT	0.67	4.1	A
Northbound (East Side)	TR	0.57	14.3	B	TR	1.08	74.3	E	TR	1.23	123.0	F
3rd Avenue & East 57th Street												
Eastbound (West Side)	LT	1.10	110.7	F	LT	1.09	109.1	F	LT	1.36	207.7	F
Westbound (West Side)	TR	0.97	27.3	C	TR	0.89	30.6	C	TR	0.83	23.8	C
Northbound (West Side)	LT	1.06	60.1	E	LT	1.22	118.9	F	LT	1.23	125.1	F
Eastbound (East Side)	T	0.66	12.4	B	T	1.24	132.3	F	T	1.17	94.6	F
Westbound (East Side)	T	0.93	64.2	E	T	0.77	33.6	C	T	0.86	55.7	E
	R	0.77	20.7	C	R	0.58	28.6	C	R	0.75	54.8	D
Northbound (East Side)	TR	0.83	42.0	D	TR	1.08	68.6	E	TR	1.17	98.4	F
	R	0.33	26.3	C	R	1.11	87.7	F	R	1.15	94.7	F
3rd Avenue & East 59th Street												
Eastbound	LT	0.98	53.5	D	LT	1.07	86.8	F	LT	0.77	29.6	C
Northbound	T	0.74	9.5	A	T	0.67	8.4	A	T	0.58	5.8	A
	R	1.17	118.7	F	R	1.04	72.6	E	R	1.54	275.6	F
Lexington Avenue & East 36th Street												
Eastbound	TR	0.66	55.3	E	TR	0.73	47.6	D	TR	1.29	184.2	F
Southbound	LT	1.12	69.8	E	LT	1.07	54.6	D	LT	1.13	80.4	F
Lexington Avenue & East 38th Street												
Eastbound	T	0.47	38.8	D	T	0.63	44.4	D	T	0.77	44.2	D
	R	1.00	117.8	F	R	1.13	150.9	F	R	1.60	322.9	F
Southbound	L	0.15	1.2	A	L	0.17	2.0	A	L	0.14	1.0	A
	T	1.13	65.8	E	T	0.90	17.7	B	T	0.57	1.7	A
Lexington Avenue & East 39th Street												
Westbound	L	1.20	130.9	F	L	1.11	99.1	F	L	0.80	37.3	D
	T	1.96	449.4	F	T	1.60	294.1	F	T	1.42	217.4	F
Southbound	T	1.12	74.3	E	T	1.07	63.6	E	TR	1.07	59.6	E
	R	0.93	35.6	D	R	0.87	23.4	C				
Lexington Avenue & East 40th Street												
Eastbound	T	1.03	49.6	D	T	0.76	21.4	C	T	0.84	31.7	C
	R	1.09	87.2	F	R	0.54	34.9	C	R	1.26	160.5	F
Southbound	LT	1.22	120.6	F	LT	1.14	84.9	F	LT	0.91	46.5	D
Lexington Avenue & East 42nd Street												
Eastbound	T	0.89	20.2	C	T	1.07	68.6	E	T	1.19	118.9	F
	R	0.29	10.5	B	R	0.91	43.4	D	R	0.28	24.3	C
Westbound	LT	1.03	42.1	D	LT	0.95	51.2	D	LT	1.63	316.2	F
Southbound	L	0.73	24.2	C	L	0.50	22.7	C	L	1.10	83.6	F
	T	1.20	114.4	F	T	0.92	64.4	E	T	1.04	71.2	E
	R	1.32	174.1	F	R	0.70	27.0	C	R	1.28	159.6	F
Lexington Avenue & East 44th Street												
Southbound	LT	1.21	111.6	F	LT	1.17	96.4	F	LT	1.22	120.0	F
Lexington Avenue & East 45th Street												
Westbound	L	0.69	28.1	C								
	T	0.86	30.7	C	LT	0.89	48.5	D	LT	1.09	87.8	F
Southbound	T	1.07	63.3	E	T	1.06	61.4	E	T	1.08	62.6	E
	R	0.88	25.3	C	R	0.17	7.9	A	R	0.40	11.3	B
Lexington Avenue & East 46th Street												
Eastbound	T	0.72	58.6	E	T	0.98	64.9	E	T	1.32	174.6	F
	R	0.69	60.7	E	R	0.15	45.5	D	R	0.30	27.9	C
Southbound	LT	1.14	76.6	E	LT	1.09	60.0	E	LT	1.16	86.2	F

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Lexington Avenue & East 47th Street												
Westbound	L	0.84	39.0	D	L	1.18	125.4	F	L	1.18	125.3	F
	T	0.85	19.1	B	T	1.31	165.8	F	T	1.26	149.2	F
Southbound	T	1.07	66.0	E	T	1.06	65.8	E	T	1.17	96.0	F
	R	1.30	163.2	F	R	1.66	323.0	F	R	1.18	112.8	F
Lexington Avenue & East 48th Street												
Eastbound	T	0.76	37.1	D	T	1.10	101.9	F	T	1.07	87.1	F
	R	1.04	112.1	F	R	1.16	143.0	F	R	1.18	148.7	F
Southbound	LT	1.19	106.3	F	LT	1.01	58.6	E	LT	1.10	65.4	E
Lexington Avenue & East 49th Street												
Westbound	L	0.59	36.0	D								
	T	0.48	30.7	C	LT	0.56	30.1	C	LT	0.70	38.2	D
Southbound	T	1.07	61.7	E	T	1.10	65.1	E	T	1.03	65.9	E
	R	0.79	21.6	C	R	0.34	13.4	B	R	0.39	14.2	B
Lexington Avenue & East 50th Street												
Eastbound	TR	1.05	69.0	E	TR	0.43	27.5	C	TR	0.38	25.0	C
Southbound	LT	1.32	162.7	F	LT	1.12	69.9	E	LT	1.21	112.5	F
Lexington Avenue & East 51st Street												
Westbound	L	0.66	44.7	D	L	1.07	100.0	F	L	1.03	71.7	E
	T	0.52	21.6	C	T	0.92	48.7	D	T	1.01	50.0	D
Southbound	T	1.09	63.5	E	T	1.16	96.0	F	T	0.98	59.9	E
	R	0.64	14.4	B	R	1.19	137.6	F	R	0.58	14.0	B
Lexington Avenue & East 52nd Street												
Eastbound	T	0.59	20.2	C	T	0.99	53.9	D	T	0.64	26.2	C
	R	0.80	50.4	D	R	0.96	68.9	E	R	0.96	55.4	E
Southbound	LT	1.24	129.0	F	LT	0.95	63.1	E	LT	1.09	72.2	E
Lexington Avenue & East 53rd Street												
Westbound	L	0.58	16.4	B	L	0.07	21.2	C	L	0.19	16.7	B
	T	1.19	112.0	F	T	0.87	40.0	D	T	0.96	44.8	D
Southbound	T	1.30	154.2	F	T	1.08	62.2	E	T	0.84	26.4	C
	R	0.95	86.1	F	R	0.81	94.3	F	R	0.48	18.2	B
Lexington Avenue & East 54th Street												
Eastbound	T	1.04	54.4	D	TR	1.06	69.3	E	TR	0.91	32.1	C
	R	0.48	12.1	B								
Southbound	LT	1.12	71.6	E	LT	1.13	75.5	E	LT	1.10	65.9	E
Lexington Avenue & East 55th Street												
Westbound	L	0.80	36.9	D	L	1.05	71.1	E	L	0.96	47.0	D
	T	0.63	16.6	B	T	0.88	30.5	C	T	0.91	26.3	C
Southbound	T	1.21	115.8	F	T	1.07	63.5	E	T	0.93	60.0	E
	R	0.34	12.3	B	R	0.63	16.4	B	R	0.53	12.1	B
Lexington Avenue & East 56th Street												
Eastbound	T	0.55	16.0	B	T	0.66	17.4	B	T	0.84	19.2	B
	R	0.77	55.1	E	R	1.09	84.9	F	R	0.93	45.6	D
Southbound	LT	1.23	130.3	F	LT	1.05	77.5	E	LT	1.05	74.1	E
Lexington Avenue & East 57th Street												
Eastbound	T	0.92	27.9	C	T	0.86	24.9	C	T	1.43	221.8	F
	R	0.84	88.2	F	R	0.68	20.1	C	R	0.61	34.5	C
Westbound	LT	0.97	53.4	D	LT	0.96	51.6	D	LT	1.56dl	96.5	F
Southbound	LT	1.18	115.3	F	LT	1.00	88.6	F	LT	1.04	86.3	F
	R	0.23	16.6	B	R	0.38	21.7	C	R	0.37	20.5	C
Park Avenue & East 36th Street												
Eastbound (West Side)	TR	0.60	25.1	C	TR	0.64	26.3	C	TR	1.03	81.8	F
Southbound (West Side)	LT	0.79	13.2	B	LT	0.76	9.5	A	LT	0.80	11.5	B
Eastbound (East Side)	LT	0.55	9.5	A	LT	0.53	8.9	A	LT	0.69	26.9	C
Northbound (East Side)	TR	0.50	16.5	B	TR	0.66	19.8	B	TR	0.59	18.1	B

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 38th Street												
Eastbound (West Side)	TR	0.62	25.7	C	TR	0.64	26.1	C	TR	1.04	77.4	E
Southbound (West Side)	LT	0.94	25.6	C	LT	0.73	10.2	B	LT	0.74	6.2	A
Eastbound (East Side)	L	0.35	9.0	A	L	0.24	8.2	A	L	0.23	8.1	A
	T	0.36	7.3	A	T	0.42	7.7	A	T	0.51	10.5	B
Northbound (East Side)	TR	0.74	12.2	B	TR	0.75	18.6	B	TR	0.93	56.2	E
Park Avenue & East 39th Street												
Westbound (East Side)	TR	1.68	326.8	F	TR	1.41	210.5	F	TR	1.36	186.6	F
Northbound (East Side)	LT	0.64	74.3	E	LT	0.57	43.3	D	LT	0.97	79.0	E
Westbound (West Side)	LT	1.51	255.1	F	LT	1.12	82.5	F	LT	1.18	102.4	F
Southbound (West Side)	T	0.71	68.9	E	T	0.62	55.9	E	T	0.86	67.3	E
	R	1.18	111.9	F	R	0.52	18.9	B	R	1.23	132.8	F
Park Avenue & East 40th Street												
Eastbound (West Side)	TR	1.23	153.5	F	TR	1.28	175.6	F	TR	1.46	248.9	F
Southbound (West Side)	T	1.16	107.8	F	T	1.18	115.4	F	T	1.24	143.8	F
Eastbound (Tunnel Exit)	LT	1.34	184.0	F	LT	1.41	205.2	F	LT	1.69	330.7	F
Northbound (Tunnel Exit)	T	0.82	16.0	B	T	0.72	17.1	B	T	0.87	20.5	C
Eastbound(East Side)	LT	1.39	197.9	F	LT	1.33	169.8	F	LT	1.58	280.3	F
Northbound(East Side)	TR	1.06	72.2	E	TR	0.83	31.3	C	TR	1.09	71.4	E
Park Avenue & East 46th Street												
Eastbound (West Side)	T	0.38	25.2	C	T	0.92	56.2	E	T	1.23	138.3	F
	R	0.30	27.8	C	R	0.33	29.9	C	R	0.40	24.1	C
Southbound (West Side)	L	0.47	27.7	C	L	0.32	16.3	B	L	0.77	76.9	E
	T	1.10	69.0	E	T	1.12	77.5	E	T	1.19	105.2	F
Eastbound (East Side)	L	0.55	23.4	C	L	0.91	46.1	D	L	0.93	21.5	C
	T	0.85	31.2	C	T	1.25	144.9	F	T	1.33	168.3	F
Northbound (East Side)	T	0.81	27.5	C	T	0.85	33.0	C	T	0.90	47.1	D
Park Avenue & East 47th Street												
Westbound (East Side)	T	0.98	41.3	D	T	1.46	232.4	F	T	1.09	68.3	E
	R	0.50	16.9	B	R	0.90	38.6	D	R	0.77	18.3	B
Northbound (East Side)	L	0.12	33.3	C	L	0.16	94.9	F	L	0.27	98.3	F
	T	0.90	26.7	C	T	1.00	57.4	E	T	1.06	65.8	E
Westbound (West Side)	LT	1.06	59.5	E	LT	1.50	246.9	F	LT	1.13	87.6	F
Southbound (West Side)	TR	1.02	60.7	E	TR	0.99	53.7	D	TR	1.11	72.6	E
Park Avenue & East 48th Street												
Eastbound (West Side)	T	0.60	22.1	C	T	0.58	20.8	C	T	0.63	35.7	D
	R	0.27	15.4	B	R	0.28	19.2	B	R	0.45	32.9	C
Southbound (West Side)	L	0.41	119.1	F	L	0.25	97.5	F	L	0.22	52.6	D
	T	1.20	103.5	F	T	1.14	86.2	F	T	1.03	62.4	E
Eastbound (East Side)	LT	0.85	34.6	C	LT	0.90	33.6	C	LT	0.95	42.8	D
Northbound (East Side)	TR	1.00	50.0	D	TR	0.94	35.8	D	TR	1.03	62.1	E
Park Avenue & East 49th Street												
Westbound (East Side)	T	1.06	80.5	F	T	0.84	25.8	C	T	0.97	62.4	E
	R	0.64	30.5	C	R	0.39	10.0	B	R	0.54	12.7	B
Northbound (East Side)	L	0.21	15.3	B	L	0.21	15.3	B	L	0.19	109.9	F
	T	1.00	53.4	D	T	1.02	47.9	D	T	1.09	59.8	E
Westbound (West Side)	LT	1.16	93.3	F	LT	0.91	24.6	C	LT	1.04	53.1	D
Southbound (West Side)	TR	1.00	68.1	E	TR	0.97	54.6	D	TR	0.97	64.8	E
Park Avenue & East 50th Street												
Eastbound (West Side)	T	0.72	19.3	B	T	0.83	19.1	B	T	0.90	41.0	D
	R	0.32	13.2	B	R	0.75	18.0	B	R	0.65	27.9	C
Southbound (West Side)	L	0.17	82.6	F	L	0.23	13.5	B	L	0.20	16.5	B
	T	0.97	59.0	E	T	1.08	61.4	E	T	1.08	67.0	E
Eastbound (East Side)	LT	0.95	40.3	D	LT	1.08	78.0	E	LT	1.19	122.8	F
Northbound (East Side)	TR	1.00	45.9	D	TR	0.88	30.3	C	TR	0.92	50.6	D

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 51st Street												
Westbound (East Side)	T	0.70	25.3	C	T	1.15	110.1	F	T	0.71	28.7	C
	R	0.68	45.1	D	R	0.70	34.9	C	R	0.58	28.0	C
Northbound (East Side)	L	0.14	32.5	C	L	0.21	31.7	C	L	0.17	15.5	B
	T	0.94	38.5	D	T	1.04	66.7	E	T	1.09	65.1	E
Westbound (West Side)	LT	0.87	28.6	C	LT	1.08	67.9	E	LT	0.86	28.6	C
Southbound (West Side)	T	0.84	28.5	C	TR	1.06	61.1	E	TR	0.90	36.9	D
	R	1.25	138.0	F								
Park Avenue & East 52nd Street												
Eastbound (West Side)	TR	0.81	26.0	C	TR	1.01	61.4	E	TR	0.80	26.2	C
Southbound (West Side)	L	0.17	103.3	F	L	0.24	178.3	F	L	0.18	86.3	F
	T	1.17	95.6	F	T	1.02	66.8	E	T	1.05	65.5	E
Eastbound (East Side)	LT	0.86	25.1	C	LT	0.96	36.1	D	LT	1.09	80.8	F
Northbound (East Side)	TR	0.97	30.2	C	TR	1.00	45.4	D	TR	1.07	62.5	E
Park Avenue & East 53rd Street												
Westbound (East Side)	T	1.19	112.5	F	T	0.76	41.2	D	T	0.87	53.2	D
	R	1.09	80.8	F	R	0.63	39.2	D	R	0.54	33.5	C
Northbound (East Side)	L	0.18	16.5	B	L	0.20	21.6	C	L	0.17	18.9	B
	T	0.94	30.5	C	T	1.06	64.1	E	T	1.13	76.6	E
Westbound (West Side)	LT	1.13	73.6	E	LT	1.11	85.1	F	LT	1.05	59.7	E
Southbound (West Side)	TR	1.07	60.3	E	TR	0.95	37.4	D	TR	0.89	29.0	C
Park Avenue & East 54th Street												
Eastbound (West Side)	TR	0.94	36.2	D	TR	0.61	18.4	B	TR	0.80	22.5	C
Southbound (West Side)	L	0.31	13.7	B	L	0.22	10.8	B	L	0.15	11.9	B
	T	1.17	95.5	F	T	1.01	53.0	D	T	1.01	58.3	E
Eastbound (East Side)	L	0.33	10.3	B	L	0.34	10.5	B				
	T	1.02	49.5	D	T	0.64	15.3	B	LT	0.89	18.7	B
Northbound (East Side)	T	0.86	19.1	B	TR	0.99	51.4	D	TR	0.98	60.7	E
	R	0.64	16.6	B								
Park Avenue & East 55th Street												
Westbound (East Side)	TR	0.96	70.8	E	TR	1.11	109.5	F	TR	1.27	172.8	F
Northbound (East Side)	L	0.21	331.9	F	L	0.29	123.2	F	L	0.15	157.9	F
	T	1.07	68.7	E	T	1.11	71.6	E	T	1.13	78.2	E
Westbound (West Side)	LT	0.91	29.1	C	LT	1.05	69.5	E	LT	1.17	99.4	F
Southbound (West Side)	T	1.00	56.6	E	TR	1.08	61.3	E	TR	1.15	87.0	F
	R	0.54	13.7	B								
Park Avenue & East 56th Street												
Eastbound (West Side)	TR	0.72	29.1	C	TR	1.36	191.8	F	TR	1.34	175.9	F
Southbound (West Side)	L	0.14	155.3	F	L	0.18	145.8	F	L	0.17	17.4	B
	T	1.05	65.5	E	T	1.02	65.0	E	T	1.05	71.1	E
Eastbound (East Side)	LT	0.65	14.9	B	LT	1.16	92.8	F	LT	1.15	87.3	F
Northbound (East Side)	TR	1.01	50.4	D	TR	0.94	55.8	E	TR	1.07	62.2	E
Park Avenue & East 57th Street												
Eastbound (West Side)	T	0.74	33.2	C	T	1.20	126.7	F	T	1.38	201.0	F
	R	0.61	31.6	C	R	1.08	96.5	F	R	0.43	29.2	C
Westbound (West Side)	T	1.07	61.7	E	T	1.19	104.3	F	T	0.76	13.3	B
Southbound (West Side)	LTR	0.91	78.4	E	LTR	0.96	87.9	F	LTR	0.77	72.5	E
Eastbound (East Side)	LT	1.16	105.8	F	LT	1.22	117.5	F	LT	1.04	34.2	C
Westbound (East Side)	T	0.76	44.0	D	T	1.17	129.1	F	T	0.52	30.4	C
	R	0.60	40.8	D	R	1.03	97.7	F	R	0.25	26.2	C
Northbound (East Side)	L	0.18	686.1	F	L	0.29	686.1	F	L	0.17	10.1	B
	T	0.96	34.1	C	T	1.03	42.6	D	T	1.12	71.5	E
	R	0.26	11.7	B	R	0.69	21.3	C	R	0.40	9.9	A

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	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Madison Avenue & East 39th Street												
Westbound	T	1.26	141.7	F	T	1.39	202.3	F	T	1.45	221.7	F
	R	1.19	128.5	F	R	1.42	221.9	F	R	1.21	127.3	F
Northbound	LT	1.11	87.5	F	LT	1.00	86.7	F	LT	1.01	85.4	F
Madison Avenue & East 40th Street												
Eastbound	L	0.96	55.6	E	L	0.71	40.0	D	L	1.17	113.5	F
	T	0.89	27.5	C	T	0.65	22.0	C	T	0.82	14.3	B
Northbound	TR	1.18	98.5	F	TR	1.10	62.1	E	TR	1.13	76.4	E
Madison Avenue & East 41st Street												
Eastbound	L	0.45	50.8	D	L	0.49	49.5	D	L	0.53	50.8	D
	T	0.29	29.4	C	T	0.32	28.3	C	T	0.21	27.4	C
Northbound	TR	1.19	105.3	F	TR	1.18	102.0	F	TR	1.19	105.8	F
Madison Avenue & East 42nd Street												
Eastbound	LT	1.58	286.6	F	LT	1.18	105.9	F	LT	1.19	113.5	F
Westbound	T	1.53	262.9	F	T	1.24	141.4	F	T	1.26	151.4	F
	R	0.31	23.1	C	R	0.23	25.2	C	R	0.18	28.8	C
Northbound	LT	1.23	120.2	F	LT	1.20	110.0	F	LT	1.22	120.1	F
	R	0.54	16.5	B	R	0.73	93.6	F	R	0.42	13.8	B
Madison Avenue & East 43rd Street												
Westbound	T	0.77	37.6	D	T	1.27	174.6	F	T	0.55	29.1	C
	R	0.97	126.2	F	R	1.53	293.1	F	R	0.67	44.5	D
Northbound	L	1.39	201.0	F	L	1.10	85.5	F	L	1.61	298.2	F
	T	1.06	61.7	E	T	1.12	74.9	E	T	1.21	114.8	F
Madison Avenue & East 46th Street												
Eastbound	LT	1.00	81.8	F	LT	0.91	49.9	D	LT	1.09	86.2	F
Northbound	T	1.00	63.6	E	T	1.16	92.9	F	T	1.12	71.2	E
	R	1.04	90.5	F	R	0.76	17.1	B	R	0.85	175.2	F
Madison Avenue & East 48th Street												
Eastbound	L	1.10	114.5	F	L	0.96	80.2	F	L	0.74	26.5	C
	T	0.74	26.5	C	T	0.69	23.4	C	T	0.86	14.4	B
Northbound	T	1.11	72.6	E	T	0.99	68.1	E	T	1.19	104.8	F
	R	0.59	20.3	C	R	0.72	29.2	C	R	0.76	30.8	C
Madison Avenue & East 49th Street												
Westbound	TR	0.60	9.4	A	TR	1.06	63.3	E	TR	1.13	87.4	F
Northbound	L	0.54	12.0	B	L	0.30	10.6	B	L	0.23	11.8	B
	T	1.08	59.2	E	T	1.04	64.4	E	T	1.08	60.7	E
Madison Avenue & East 53rd Street												
Westbound	TR	1.15	97.7	F	TR	0.85	41.6	D	TR	0.95	48.7	D
Northbound	L	0.52	11.6	B	L	0.18	9.8	A	L	0.58	13.0	B
	T	1.01	55.0	E	T	0.97	65.8	E	T	1.12	69.8	E
Madison Avenue & East 54th Street												
Eastbound	LT	0.59	30.6	C	LT	1.15	108.7	F	LT	0.72	31.2	C
Northbound	T	1.04	62.8	E	T	1.14	86.8	F	T	1.01	58.5	E
	R	1.02	48.8	D	R	0.92	41.5	D	R	0.74	18.4	B
5th Avenue & 38th Street												
Eastbound	T	0.43	18.1	B	T	0.57	22.6	C	T	0.51	19.3	B
	R	1.04	123.0	F	R	1.06	120.1	F	R	1.04	120.8	F
Southbound	LT	1.39	190.6	F	LT	1.37	179.7	F	LT	1.26	131.7	F
5th Avenue & 39th Street												
Westbound	L	1.11	105.6	F	L	0.92	59.3	E	L	0.90	60.9	E
	T	0.66	29.5	C	T	1.36	194.0	F	T	0.85	39.5	D
Southbound	T	1.31	169.5	F	T	1.14	91.5	F	T	1.28	146.1	F
	R	1.34	179.9	F	R	1.06	63.3	E	R	1.15	92.1	F

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	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
5th Avenue & 40th Street												
Eastbound	TR	1.53	280.3	F	TR	1.33	194.4	F	TR	1.27	165.5	F
Southbound	LT	1.52	258.2	F	LT	1.09	67.6	E	LT	1.51	249.6	F
5th Avenue & 42nd Street												
Eastbound	T	1.14	105.3	F	T	0.72	28.2	C	T	0.69	27.4	C
	R	0.21	23.8	C	R	0.17	21.9	C	R	0.15	21.5	C
Westbound	LT	1.46	230.2	F	LT	1.37	186.6	F	LT	1.03	53.7	D
Southbound	LT	1.49	243.0	F	LT	1.51	252.2	F	LT	1.50	241.6	F
	R	0.05	14.0	B	R	0.11	14.1	B	R	0.03	2.2	A
5th Avenue & 43rd Street												
Westbound	L	0.62	29.4	C	L	0.86	25.7	C	L	0.72	35.3	D
	T	0.67	25.5	C	T	0.67	12.7	B	T	0.60	28.9	C
Southbound	T	1.26	140.8	F	T	1.19	108.6	F	T	1.36	180.8	F
	R	2.08	506.0	F	R	1.85	405.1	F	R	2.02	479.0	F
5th Avenue & 44th Street												
Eastbound	T	0.42	24.1	C	T	0.42	23.4	C	T	0.46	23.4	C
	R	0.86	95.7	F	R	1.15	134.9	F	R	1.35	210.5	F
Southbound	LT	1.43	210.8	F	LT	1.42	209.8	F	LT	1.54	260.8	F
5th Avenue & 47th Street												
Westbound	L	1.01	105.4	F	L	0.98	69.0	E	L	1.14	106.4	F
	T	0.65	34.2	C	T	0.55	34.6	C	T	1.09	72.0	E
Southbound	T	1.44	217.8	F	T	1.47	233.7	F	T	1.38	190.8	F
	R	0.87	25.9	C	R	1.03	57.7	E	R	1.14	89.2	F
5th Avenue & 48th Street												
Eastbound	T	0.59	17.5	B	T	0.66	20.1	C	T	1.19	126.2	F
	R	1.06	89.3	F	R	0.99	92.9	F	R	1.24	158.7	F
Southbound	LT	1.44	218.9	F	LT	1.32	165.9	F	LT	1.32	162.6	F
5th Avenue & 49th Street												
Westbound	LT	0.57	27.7	C	LT	0.50	23.1	C	LT	1.09	90.2	F
Southbound	T	1.43	215.8	F	T	1.48	239.3	F	T	1.40	197.8	F
	R	0.63	16.9	B	R	0.37	11.7	B	R	0.72	9.8	A
5th Avenue & 54th Street												
Eastbound	TR	0.51	23.6	C	TR	1.07	94.8	F	TR	0.95	54.9	D
Southbound	LT	1.42	212.2	F	LT	1.41	204.7	F	LT	1.47	226.7	F
5th Avenue & 57th Street												
Eastbound	T	1.13	105.9	F	T	1.19	127.6	F	T	1.41	219.6	F
	R	0.84	141.8	F	R	1.07	126.4	F	R	0.78	47.3	D
Westbound	LT	1.16	121.3	F	LT	0.79	88.8	F	LT	1.66dl	158.3	F
Southbound	LT	1.51	258.3	F	LT	1.05	84.3	F	LT	1.51	261.2	F
	R	0.43	22.3	C	R	0.38	18.5	B	R	0.66	32.7	C
6th Avenue & West 48th Street												
Eastbound	L	0.33	22.5	C	L	0.33	22.7	C	L	0.58	29.9	C
	T	1.17	129.0	F	T	1.02	77.2	E	T	1.03	76.4	E
Northbound	TR	0.89dr	31.6	C	TR	0.76	36.1	D	T	0.72	20.8	C
									R	1.12	147.5	F

Intersection & Approach (Signalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
6th Avenue & West 49th Street												
Westbound	T	0.78	32.7	C	T	0.51	20.3	C	T	1.00	68.5	E
	R	0.70	31.7	C	R	0.62	29.8	C	R	0.93	56.8	E
Northbound	LT	1.06	49.0	D	LT	1.06	50.4	D	LT	0.89	13.2	B

Intersection & Approach (Unsignalized Intersections)	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
1st Avenue & East 48th Street (West Side)												
Eastbound	L	0.92	48.8	E	L	0.61	21.0	C	L	0.52	18.0	C
Northbound	T	0.34	0.0	A	T	0.32	0.0	A	T	0.32	0.0	A

Appendix I.4

Lesser Density Alternative Subway LOS Tables

Lesser Density Alternative Subway Stair Analysis
at the Grand Central 42nd Street Subway Station

		No-Action								Lesser Density Alternative									
Peak Period	Stairway	Effective Width (ft.)	15-Minute Pedestrian Volumes		Surging Factor Up	Surging Factor Down	Friction Factor	V/C Ratio	LOS	Effective Width (ft.)	15-Minute Pedestrian Volumes		Surging Factor Up	Surging Factor Down	Friction Factor	V/C Ratio	LOS	WIT (in.)	WIT for Significant Impact (in.)
			Down	Up							Down	Up							
PM	KC	10.25	1694	185	0.95	1.0	1.0	1.23	D	10.25	1803	190	0.95	1.0	1.0	1.30	D	7.41	6

Notes:
Methodology based on *CEQR Technical Manual* guidelines.

Lesser Density Alternative Subway Escalator Analysis
at the Grand Central 42nd Street Subway Station

		No-Action							Lesser Density Alternative						
Peak Period	**Escalator**	**Width (in.)**	**Treads Per Minute**	**Guideline Capacity**	**15-Minute Pedestrian Volumes**	**Surging Factor**	**V/C Ratio**	**LOS**	**Width (in.)**	**Treads Per Minute**	**Guideline Capacity**	**15-Minute Pedestrian Volumes**	**Surging Factor**	**V/C Ratio**	**LOS**
AM	E203	32	90	750	687	0.80	1.15	D	32	90	750	731	0.80	1.22	D
	E204	32	90	750	687	0.80	1.15	D	32	90	750	731	0.80	1.22	D
	E205	40	90	945	782	0.80	1.03	D	40	90	945	826	0.80	1.09	D
	E206	40	90	945	782	0.80	1.03	D	40	90	945	826	0.80	1.09	D
	E208	40	90	945	853	0.75	1.20	D	40	90	945	924	0.75	1.30	D
	E210	40	90	945	853	0.75	1.20	D	40	90	945	924	0.75	1.30	D
	E255	40	90	945	913	0.95	1.02	D	40	90	945	1029	0.95	1.15	D
	E256	40	90	945	912	0.95	1.02	C	40	90	945	1030	0.95	1.15	D
PM	E204	32	90	750	724	1.00	0.97	C	32	90	750	858	1.00	1.14	D
	E206	40	90	945	1047	1.00	1.11	D	40	90	945	1146	1.00	1.21	D
	E208	40	90	945	731	0.75	1.03	D	40	90	945	1335	1.00	1.41	E

Notes:
Methodology based on *CEQR Technical Manual* guidelines.

Lesser Density Alternative Subway Stair Analysis at the 42nd Street Bryant Park-Fifth Avenue Station

			No-Action								Lesser Density Alternative									
Peak Period	Fare Control Area	Stairway	Width (ft.)	Effective Width (ft.)	15-Minute Pedestrian Volumes		Surging Factor	Friction Factor	V/C Ratio	LOS	Width (ft.)	Effective Width (ft.)	15-Minute Pedestrian Volumes		Surging Factor	Friction Factor	V/C Ratio	LOS	WIT (in.)	WIT for Significant Impact (in.)
					Down	Up							Down	Up						
PM	N502	MB20	10.00	8.75	1161	146	0.9	0.9	1.12	D	10.00	8.75	1241	148	0.9	0.9	1.19	D	6.46	7

Notes:

Methodology based on *CEQR Technical Manual* guidelines.

Surging factors only apply to pedestrian volumes in the up direction. The surge factor for pedestrians moving downward is 1.0.

Lesser Density Alternative Subway Escalator Analysis
at the Lexington Avenue/53rd Street Station

		No-Action							Lesser Density Alternative						
Peak Period	**Escalator**	**Width (in.)**	**Treads Per Minute**	**Guideline Capacity**	**15-Minute Pedestrian Volumes**	**Surging Factor**	**V/C Ratio**	**LOS**	**Width (in.)**	**Treads Per Minute**	**Guideline Capacity**	**15-Minute Pedestrian Volumes**	**Surging Factor**	**V/C Ratio**	**LOS**
AM	E243 (UP)	40	90	945	709	0.75	1.00	C	40	90	945	796	0.75	1.12	D
	E244 (UP)	40	90	945	771	0.75	1.09	D	40	90	945	796	0.75	1.12	D
	E254X (UP)	24	90	480	281	0.75	0.78	C	40	90	945	751	0.75	1.06	D
PM	E244 (DOWN)	40	90	945	1036	1.00	1.10	D	40	90	945	1207	1.00	1.28	D
	E269 (DOWN)	40	90	945	925	1.00	0.98	C	40	90	945	1130	1.00	1.20	D
	E246 (DOWN)	40	90	945	870	1.00	0.92	C	40	90	945	961	1.00	1.02	D

Notes:
Methodology based on *CEQR Technical Manual* guidelines.

Appendix I.5

Lesser Density Alternative Pedestrian LOS Tables (Sidewalks, Corners, Crosswalks)

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday AM Peak Hour						
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,072	0.85	61.9	C
E 40th Street between 5th Avenue and Madison Avenue	South	5.5	1,417	0.77	46.1	C
	North	9	1,830	0.82	63.3	C
Madison Avenue between E 40th Street and E 41st Street	West	13	2,807	0.90	65.1	C
41st Street between 5th Avenue and Madison Avenue	South	6	1,016	0.92	85.4	C
E 43rd Street between 5th Avenue and Madison Avenue	North	4	2,300	0.94	23.7	D
E 44th Street between 5th Avenue and Madison Avenue	South	5.5	1,428	0.84	50.1	C
	North	4.5	1,590	0.90	39.2	D
Madison Avenue between E 44th Street and E 45th Street	West	11	1,596	0.96	89.7	C
E 45th Street between 5th Avenue and Madison Avenue	South	5.5	1,723	0.93	46.0	C
	North	4.5	1,333	0.89	46.4	C
E 46th Street between 5th Avenue and Madison Avenue	South	4	1,986	0.88	26.6	D
E 53rd Street between 5th Avenue and Madison Avenue	South	5.5	933	0.89	64.1	C
	North	10.5	638	0.81	127.0	B
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,407	0.80	34.7	D
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	1,567	0.79	26.1	D
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	1,899	0.89	69.8	C
Park Avenue between E 40th Street and E 41st Street	East	12	2,077	0.86	77.7	C
	West	9	3,482	0.93	36.7	D
Park Avenue between E 46th Street and E 47th Street	West	7	1,701	0.79	50.4	C
Park Avenue between E 49th Street and E 50th Street	West	7	2,078	0.83	43.2	C
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	943	0.88	117.3	B
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	1,905	0.92	56.6	C
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	3,026	0.84	50.9	C
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	3,619	0.92	33.5	D
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,864	0.96	38.0	D
	West	7	5,067	0.91	17.2	E
E 43rd Street between Lexington Avenue and 3rd Avenue	North	7.5	1,591	0.84	61.9	C
	South	7.5	2,328	0.93	46.4	C

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday AM Peak Hour						
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	2,566	0.84	21.2	E
	West	5	2,846	0.86	21.8	E
E 44th Street between Lexington Avenue and 3rd Avenue	North	5.5	1,342	0.82	52.1	C
	South	12	1,871	0.87	87.6	C
Lexington Avenue between E 45th Street and E 46th Street	East	6	2,734	0.98	32.5	D
	West	9	2,120	0.91	60.1	C
Lexington Avenue between E 46th Street and E 47th Street	East	13	1,956	0.85	89.3	C
	West	5.5	1,697	0.91	45.7	C
E 46th Street between Lexington Avenue and 3rd Avenue	North	5	909	0.85	73.3	C
Lexington Avenue between E 47th Street and E 48th Street	East	4.5	1,730	0.88	34.7	D
E 47th Street between Lexington Avenue and 3rd Avenue	South	4	659	0.88	83.7	C
Lexington Avenue between E 48th Street and E 49th Street	East	3	1,921	0.90	19.8	E
	West	13	912	0.64	143.6	B
E 48th Street between Park Avenue and Lexington Avenue	North	6.5	1,440	0.83	58.1	C
Lexington Avenue between E 49th Street and E 50th Street	East	11	2,284	0.90	68.0	C
	West	5	990	0.93	73.6	C
E 49th Street between Lexington Avenue and 3rd Avenue	North	6	540	0.89	156.2	B
E 49th Street between Park Avenue and Lexington Avenue	South	6	489	0.90	174.1	B
Lexington Avenue between E 50th Street and E 51st Street	East	6	2,984	0.87	35.6	D
	West	5	3,329	0.89	21.5	E
E 50th Street between Lexington Avenue and 3rd Avenue	North	5	346	0.82	188.4	B
	South	5.5	512	0.76	117.2	B
Lexington Avenue between E 51st Street and E 52nd Street	East	5	3,180	0.74	16.6	E
	West	10.5	1,902	0.91	79.3	C
E 51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,322	0.85	34.2	D
3rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,416	0.88	41.8	C
3rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,214	0.89	35.8	D
3rd Avenue between E 44th Street and E 45th Street	East	4.5	2,729	0.87	20.3	E
3rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,496	0.87	46.0	C
E 52nd Street between Lexington Avenue and 3rd Avenue	South	7.5	815	0.79	114.5	B
	North	7.5	959	0.57	70.3	C
3rd Avenue between E 52nd Street and E 53rd Street	East	6	3,275	0.89	23.6	D
	West	9	1,749	0.87	70.2	C
3rd Avenue between E 53rd Street and E 54th Street	West	7.5	1,881	0.85	52.8	C
3rd Avenue between E 55th Street and 56th Street	West	9	1,400	0.77	78.1	C
E 42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	2,471	0.86	56.7	C
2nd Avenue between E 42nd Street and E 43rd Street	West	7	1,264	0.95	82.5	C
E 43rd Street between 3rd Avenue and 2nd Avenue	South	16.5	824	0.69	219.7	B

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday Midday Peak Hour						
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,162	0.96	64.3	C
E 40th Street between 5th Avenue and Madison Avenue	South	5.5	2,621	0.91	28.5	D
	North	9	2,004	0.94	65.7	C
Madison Avenue between E 40th Street and E 41st Street	West	13	4,036	0.91	45.0	C
E 41st Street between 5th Avenue and Madison Avenue	South	6	1,633	0.95	54.4	C
E 43rd Street between 5th Avenue and Madison Avenue	North	4	1,666	0.89	32.2	D
E 44th Street between 5th Avenue and Madison Avenue	South	5.5	1,917	0.98	43.1	C
	North	4.5	1,278	0.94	51.7	C
Madison Avenue between E 44th Street and E 45th Street	West	11	2,714	0.81	50.8	C
E 45th Street between 5th Avenue and Madison Avenue	South	5.5	2,317	0.91	32.6	D
	North	4.5	1,708	0.94	37.8	D
E 46th Street between 5th Avenue and Madison Avenue	South	4	2,255	0.93	24.5	D
E 53rd Street between 5th Avenue and Madison Avenue	South	5.5	1,105	0.91	66.7	C
	North	10.5	1,057	0.81	121.5	B
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,252	0.94	46.2	C
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	1,400	0.96	36.5	D
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	1,655	0.95	85.9	C
Park Avenue between E 40th Street and E 41st Street	East	12	1,300	0.91	132.9	B
	West	9	2,588	0.99	53.4	C
Park Avenue between E 46th Street and E 47th Street	West	7	1,706	0.57	35.4	D
Park Avenue between E 49th Street and E 50th Street	West	7	2,043	0.87	46.1	C
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	1,055	0.95	113.2	B
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	1,726	0.93	62.9	C
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	2,605	0.95	58.2	C
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	3,245	0.96	35.1	D
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,477	0.94	41.7	C
	West	7	3,332	0.97	30.7	D
E 43rd Street between Lexington Avenue and 3rd Avenue	North	7.5	1,611	0.93	67.4	C
	South	7.5	1,856	0.85	53.6	C

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday Midday Peak Hour						
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	2,969	0.93	20.0	E
	West	5	2,741	0.94	25.1	D
E 44th Street between Lexington Avenue and 3rd Avenue	North	5.5	1,133	0.87	66.0	C
	South	12	1,862	0.88	89.6	C
Lexington Avenue between E 45th Street and E 46th Street	East	6	2,976	0.96	28.9	D
	West	9	2,372	0.91	53.8	C
Lexington Avenue between E 46th Street and E 47th Street	East	13	2,388	0.94	80.4	C
	West	5.5	2,194	0.89	33.9	D
E 46th Street between Lexington Avenue and 3rd Avenue	North	5	958	0.92	75.1	C
Lexington Avenue between E 47th Street and E 48th Street	East	4.5	1,644	0.88	36.6	D
E 47th Street between Lexington Avenue and 3rd Avenue	South	4	837	0.93	69.9	C
Lexington Avenue between E 48th Street and E 49th Street	East	3	1,650	0.98	26.3	D
	West	13	453	0.74	338.2	B
E 48th Street between Park Avenue and Lexington Avenue	North	6.5	1,051	0.94	91.1	B
Lexington Avenue between E 49th Street and E 50th Street	East	11	1,805	0.90	86.2	C
	West	5	708	0.61	67.4	C
E 49th Street between Lexington Avenue and 3rd Avenue	North	6	972	0.81	78.8	C
E 49th Street between Park Avenue and Lexington Avenue	South	6	826	0.87	99.9	B
Lexington Avenue between E 50th Street and E 51st Street	East	6	2,081	0.91	43.6	C
	West	5	2,376	0.83	26.5	D
E 50th Street between Lexington Avenue and 3rd Avenue	North	5	996	0.92	72.3	C
	South	5.5	799	0.81	78.8	C
Lexington Avenue between E 51st Street and E 52nd Street	East	5	2,829	0.92	24.4	D
	West	10.5	1,953	0.89	75.3	C
E 51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,114	0.89	43.1	C
3rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,871	0.90	35.9	D
3rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,005	0.93	40.4	C
3rd Avenue between E 44th Street and E 45th Street	East	4.5	2,557	0.84	21.2	E
3rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,634	0.90	44.2	C
E 52nd Street between Lexington Avenue and 3rd Avenue	South	7.5	2,080	0.89	49.6	C
	North	7.5	1,411	0.88	73.2	C
3rd Avenue between E 52nd Street and E 53rd Street	East	6	1,967	0.92	43.4	C
	West	9	2,280	0.88	54.1	C
3rd Avenue between E 53rd Street and E 54th Street	West	7.5	2,356	0.93	45.6	C
3rd Avenue between E 55th Street and 56th Street	West	9	1,360	0.77	80.5	C
E 42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	2,469	0.88	58.4	C
2nd Avenue between E 42nd Street and E 43rd Street	West	7	1,621	0.95	64.0	C
E 43rd Street between 3rd Avenue and 2nd Avenue	South	16.5	1,024	0.80	205.2	B

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday PM Peak Hour						
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,184	0.88	57.8	C
E 40th Street between 5th Avenue and Madison Avenue	South	5.5	1,835	0.93	42.7	C
	North	9	1,875	0.95	71.4	C
Madison Avenue between E 40th Street and E 41st Street	West	13	2,727	0.97	72.2	C
E 41st Street between 5th Avenue and Madison Avenue	South	6	1,348	0.96	66.9	C
E 43rd Street between 5th Avenue and Madison Avenue	North	4	2,780	0.87	17.2	E
E 44th Street between 5th Avenue and Madison Avenue	South	5.5	1,609	0.89	46.9	C
	North	4.5	2,037	0.94	31.3	D
Madison Avenue between E 44th Street and E 45th Street	West	11	2,419	0.96	68.6	C
E 45th Street between 5th Avenue and Madison Avenue	South	5.5	1,999	0.90	37.9	D
	North	4.5	1,990	0.94	32.0	D
E 46th Street between 5th Avenue and Madison Avenue	South	4	1,558	0.95	10.9	F
53rd Street between 5th Avenue and Madison Avenue	South	5.5	1,159	0.92	55.5	C
	North	10.5	809	0.86	126.9	B
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,512	0.90	36.2	D
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	2,178	0.86	19.3	E
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	2,711	0.93	50.3	C
Park Avenue between E 40th Street and E 41st Street	East	12	2,341	0.84	67.8	C
	West	9	3,185	0.91	39.3	D
Park Avenue between E 46th Street and E 47th Street	West	7	1,555	0.92	64.9	C
Park Avenue between E 49th Street and E 50th Street	West	7	1,958	0.91	50.4	C
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	891	0.90	127.2	B
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	833	0.87	123.7	B
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	3,538	0.95	58.0	C
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	4,591	0.91	33.2	D
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,123	0.95	46.9	C
	West	7	6,355	1.00	14.3	E
E 43rd Street between Lexington Avenue and 3rd Avenue	North	7.5	1,389	0.94	79.4	C
	South	7.5	1,715	0.89	60.7	C

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Sidewalk Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
Weekday PM Peak Hour						
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	2,581	0.91	22.9	E
	West	5	3,601	0.93	17.9	E
E 44th Street between Lexington Avenue and 3rd Avenue	North	5.5	1,013	0.91	77.5	C
	South	12	2,251	0.92	76.7	C
Lexington Avenue between E 45th Street and E 46th Street	East	6	2,606	0.98	34.0	D
	West	9	2,706	0.95	49.2	C
Lexington Avenue between E 46th Street and E 47th Street	East	13	2,351	0.84	73.3	C
	West	5.5	1,276	0.71	47.4	C
E 46th Street between Lexington Avenue and 3rd Avenue	North	5	943	0.89	73.8	C
Lexington Avenue between E 47th Street and E 48th Street	East	4.5	1,815	0.88	32.9	D
E 47th Street between Lexington Avenue and 3rd Avenue	South	4	811	0.96	74.2	C
Lexington Avenue between E 48th Street and E 49th Street	East	3	2,470	0.82	12.2	E
	West	13	1,039	0.89	175.6	B
E 48th Street between Park Avenue and Lexington Avenue	North	6.5	1,670	0.95	57.9	C
Lexington Avenue between E 49th Street and E 50th Street	East	11	2,918	0.91	53.3	C
	West	5	1,507	0.76	38.5	D
E 49th Street between Lexington Avenue and 3rd Avenue	North	6	677	0.86	120.1	B
E 49th Street between Park Avenue and Lexington Avenue	South	6	627	0.92	138.9	B
Lexington Avenue between E 50th Street and E 51st Street	East	6	3,361	0.89	32.9	D
	West	5	2,510	0.92	31.2	D
E 50th Street between Lexington Avenue and 3rd Avenue	North	5	946	0.90	74.8	C
	South	5.5	688	0.89	103.1	B
Lexington Avenue between E 51st Street and E 52nd Street	East	5	2,961	0.96	20.8	E
	West	10.5	2,143	0.95	73.3	C
E 51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,274	0.93	39.0	D
3rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,484	0.95	44.5	C
3rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,071	0.92	38.9	D
3rd Avenue between E 44th Street and E 45th Street	East	4.5	2,484	0.94	24.9	D
3rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,684	0.89	43.6	C
E 52nd Street between Lexington Avenue and 3rd Avenue	South	7.5	812	0.80	116.6	B
	North	7.5	1,069	0.92	101.8	B
3rd Avenue between E 52nd Street and E 53rd Street	East	6	3,072	0.97	28.1	D
	West	9	2,249	0.93	57.7	C
3rd Avenue between E 53rd Street and E 54th Street	West	7.5	2,126	0.91	49.9	C
3rd Avenue between E 55th Street and 56th Street	West	9	1,448	0.77	74.7	C
E 42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	2,689	0.85	51.9	C
2nd Avenue between E 42nd Street and E 43rd Street	West	7	1,293	0.95	80.6	C
E 43rd Street between 3rd Avenue and 2nd Avenue	South	16.5	1,039	0.94	236.0	B

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Crosswalk Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday AM Peak Hour						
5th Avenue and 42nd Street	North	55	25	2,426	17.8	D
5th Avenue and 43rd Street	East	34	20	2,561	24.0	D
Madison Avenue and E 41st Street	West	34	16	2,400	22.6	D
Madison Avenue and E 43rd Street	North	54	13	2,172	8.9	E
	West	33.5	12	1,740	16.8	D
Madison Avenue and E 45th Street	South	54	13	1,912	12.2	E
Madison Avenue and E 53rd Street	North	55	15	1,330	13.7	E
	South	54	14.5	757	21.8	D
	West	35	14.5	1,036	34.7	C
Vanderbilt Avenue and E 43rd Street	North	33.5	13.5	881	UNSIGNALIZED	
Park Avenue Southbound and E 46th Street	West	30.5	14	2,127	15.2	D
Park Avenue Southbound and E 50th Street	West	30	14	2,455	12.4	E
Lexington Avenue and E 42nd Street	North	51	20	2,479	24.2	C
	East	60	13	1,908	25.5	C
	West	60	15	2,107	26.6	C
Lexington Avenue and E 43rd Street	East	34	14	1,782	30.5	C
	South	40	13.5	1,054	16.1	D
Lexington Avenue and E 44th Street	East	37	14	2,523	43.3	B
Lexington Avenue and E 45th Street	East	36	15.5	1,687	24.7	C
	West	41	10.5	2,041	14.4	E
Lexington Avenue and E 46th Street	East	32	14	1,943	21.4	D
	West	32	14	1,932	21.1	D
Lexington Avenue and E 47th Street	East	28	10	1,302	20.0	D
	South	52.5	14.5	729	16.6	D
Lexington Avenue and E 48th Street	North	50.5	13.5	791	38.3	C
	East	34	12	1,343	24.5	C
	West	30	12	1,493	16.0	D
Lexington Avenue and E 49th Street	East	30	12	1,619	20.7	D
	South	51	14	513	49.4	B
	West	30	10.5	1,502	15.4	D
Lexington Avenue and E 50th Street	North	51.5	12	1,415	17.7	D
	East	34	12	2,694	15.2	D
	West	34	16	2,769	18.2	D
Lexington Avenue and E 51st Street	North	51	14	1,915	13.0	E
Lexington Avenue and E 52nd Street	East	35.5	15	1,958	18.7	D
	West	34	18	1,652	29.0	C
3rd Avenue and E 42nd Street	North	69.5	20	1,228	9.7	E
	East	59	18	1,039	26.3	C
	South	70	20	2,536	17.5	D
	West	59	15	1,038	21.8	D
3rd Avenue and E 43rd Street	East	34	15	2,724	13.4	E
	South	70.5	15.5	1,898	18.1	D
3rd Avenue and E 44th Street	East	35	15.5	2,894	9.7	E
3rd Avenue and E 52nd Street	West	41	12.5	1,240	21.7	D
3rd Avenue and E 53rd Street	West	35.5	13.5	1,413	17.2	D
3rd Avenue and E 54th Street	West	33	16	682	51.5	B
3rd Avenue and E 55th Street	West	34	11.5	419	53.2	B
2nd Avenue and E 42nd Street	West	60	20	1,127	54.7	B

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Crosswalk Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday Midday Peak Hour						
5th Avenue and 42nd Street	North	55	25	1,451	39.0	C
5th Avenue and 43rd Street	East	34	20	3,165	20.7	D
Madison Avenue and E 41st Street	West	34	16	2,648	15.0	E
Madison Avenue and E 43rd Street	North	54	13	1,347	17.0	D
	West	33.5	12	2,061	16.8	D
Madison Avenue and E 45th Street	South	54	13	2,089	11.3	E
Madison Avenue and E 53rd Street	North	55	15	1,241	24.2	C
	South	54	14.5	1,040	27.7	C
	West	35	14.5	1,423	31.0	C
Vanderbilt Avenue and E 43rd Street	North	33.5	13.5	436	UNSIGNALIZED	
Park Avenue Southbound and E 46th Street	West	30.5	14	1,567	24.6	C
Park Avenue Southbound and E 50th Street	West	30	14	1,999	18.9	D
Lexington Avenue and E 42nd Street	North	51	20	2,082	29.7	C
	East	60	13	1,953	26.0	C
	West	60	15	1,442	31.4	C
Lexington Avenue and E 43rd Street	East	34	14	1,975	29.1	C
	South	40	13.5	1,321	15.9	D
Lexington Avenue and E 44th Street	East	37	14	2,381	53.4	B
Lexington Avenue and E 45th Street	East	36	15.5	1,956	28.4	C
	West	41	10.5	1,425	20.0	D
Lexington Avenue and E 46th Street	East	32	14	2,302	16.8	D
	West	32	14	2,141	22.7	D
Lexington Avenue and E 47th Street	East	28	10	1,806	15.1	D
	South	52.5	14.5	917	11.4	E
Lexington Avenue and E 48th Street	North	50.5	13.5	697	44.8	B
	East	34	12	1,298	28.9	C
	West	30	12	1,336	26.3	C
Lexington Avenue and E 49th Street	East	30	12	1,344	30.6	C
	South	51	14	744	39.7	C
	West	30	10.5	1,155	27.5	C
Lexington Avenue and E 50th Street	North	51.5	12	1,124	23.8	D
	East	34	12	2,187	16.3	D
	West	34	16	1,448	39.5	C
Lexington Avenue and E 51st Street	North	51	14	1,337	28.8	C
Lexington Avenue and E 52nd Street	East	35.5	15	1,502	30.0	C
	West	34	18	1,841	28.1	C
3rd Avenue and E 42nd Street	North	69.5	20	1,381	10.7	E
	East	59	18	936	41.5	B
	South	70	20	1,865	32.2	C
	West	59	15	1,100	26.1	C
3rd Avenue and E 43rd Street	East	34	15	2,352	16.7	D
	South	70.5	15.5	1,634	23.1	D
3rd Avenue and E 44th Street	East	35	15.5	1,788	19.4	D
3rd Avenue and E 52nd Street	West	41	12.5	1,325	24.2	C
3rd Avenue and E 53rd Street	West	35.5	13.5	2,044	13.6	E
3rd Avenue and E 54th Street	West	33	16	853	53.0	B
3rd Avenue and E 55th Street	West	34	11.5	591	51.9	B
2nd Avenue and E 42nd Street	West	60	20	1,113	52.9	B

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Crosswalk Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday PM Peak Hour						
5th Avenue and 42nd Street	North	55	25	2,808	19.0	D
5th Avenue and 43rd Street	East	34	20	3,714	14.7	E
Madison Avenue and E 41st Street	West	34	16	2,636	20.3	D
Madison Avenue and E 43rd Street	North	54	13	2,455	8.5	E
	West	33.5	12	2,504	11.7	E
Madison Avenue and E 45th Street	South	54	13	2,723	8.9	E
Madison Avenue and E 53rd Street	North	55	15	1,114	21.3	D
	South	54	14.5	1,100	20.9	D
	West	35	14.5	1,434	30.8	C
Vanderbilt Avenue and E 43rd Street	North	33.5	13.5	896	UNSIGNALIZED	
Park Avenue Southbound and E 46th Street	West	30.5	14	2,307	14.0	E
Park Avenue Southbound and E 50th Street	West	30	14	2,219	16.4	D
Lexington Avenue and E 42nd Street	North	51	20	3,025	27.6	C
	East	60	13	1,889	22.7	D
	West	60	15	1,868	25.7	C
Lexington Avenue and E 43rd Street	East	34	14	2,086	23.4	D
	South	40	13.5	1,661	10.4	E
Lexington Avenue and E 44th Street	East	37	14	2,068	57.4	B
Lexington Avenue and E 45th Street	East	36	15.5	1,533	34.6	C
	West	41	10.5	2,063	14.5	E
Lexington Avenue and E 46th Street	East	32	14	1,977	19.7	D
	West	32	14	1,935	22.9	D
Lexington Avenue and E 47th Street	East	28	10	1,403	19.0	D
	South	52.5	14.5	776	11.3	E
Lexington Avenue and E 48th Street	North	50.5	13.5	1,008	32.4	C
	East	34	12	1,525	20.7	D
	West	30	12	1,383	24.8	C
Lexington Avenue and E 49th Street	East	30	12	1,823	17.9	D
	South	51	14	586	44.1	B
	West	30	10.5	1,930	13.5	E
Lexington Avenue and E 50th Street	North	51.5	12	1,267	23.8	D
	East	34	12	2,875	15.8	D
	West	34	16	2,776	18.2	D
Lexington Avenue and E 51st Street	North	51	14	1,733	18.7	D
Lexington Avenue and E 52nd Street	East	35.5	15	1,675	24.4	C
	West	34	18	1,743	31.7	C
3rd Avenue and E 42nd Street	North	69.5	20	1,537	9.5	E
	East	59	18	1,097	30.7	C
	South	70	20	2,996	14.9	E
	West	59	15	1,019	28.7	C
3rd Avenue and E 43rd Street	East	34	15	2,574	15.5	D
	South	70.5	15.5	1,468	23.4	D
3rd Avenue and E 44th Street	East	35	15.5	2,575	13.9	E
3rd Avenue and E 52nd Street	West	41	12.5	1,340	25.4	C
3rd Avenue and E 53rd Street	West	35.5	13.5	1,592	18.5	D
3rd Avenue and E 54th Street	West	33	16	833	43.5	B
3rd Avenue and E 55th Street	West	34	11.5	510	42.9	B
2nd Avenue and E 42nd Street	West	60	20	961	49.6	B

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2036 Lesser Density Alternative: Corner Analysis

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS
5th Avenue and 42nd Street	Northeast	77.3	A	107.2	A	66.4	A
	Southeast	60.8	A	90.4	A	44.9	B
	Southwest	55.4	B	94.2	A	49.1	B
	Northwest	64.5	A	118.1	A	60.1	A
5th Avenue and 43rd Street	Northeast	36.0	C	36.1	C	21.1	D
	Southeast	31.8	C	35.2	C	24.8	C
	Southwest	39.3	C	36.6	C	26.4	C
	Northwest	36.0	C	32.9	C	17.0	D
5th Avenue and 44th Street	Northwest	47.6	B	36.7	C	22.9	D
	Southeast	38.9	C	35.0	C	27.3	C
	Southwest	51.7	B	37.6	C	32.2	C
5th Avenue and 45th Street	Southeast	43.1	B	34.1	C	31.9	C
Madison Avenue and E 40th Street	Southwest	39.1	C	33.5	C	47.7	B
	Northwest	36.9	C	35.7	C	45.7	B
Madison Avenue and E 41th Street	Southwest	43.2	B	24.5	C	35.6	C
	Northwest	66.7	A	53.6	B	61.8	A
Madison Avenue and E 42nd Street	Northeast	12.8	E	25.9	C	14.8	E
	Southwest	119.7	A	166.9	A	105.0	A
	Northwest	13.9	E	24.4	C	11.6	E
Madison Avenue and E 43rd Street	Northeast	4.9	F	13.6	E	10.0	E
	Southwest	19.2	D	24.1	C	16.6	D
	Northwest	37.2	C	41.1	B	18.9	D
Madison Avenue and E 44th Street	Southwest	41.3	B	32.5	C	29.0	C
	Northwest	52.1	B	52.3	B	40.9	B
Madison Avenue and E 45th Street	Northeast	7.4	F	7.8	F	4.5	F
	Southeast	13.9	E	16.2	D	11.3	E
	Southwest	35.5	C	27.3	C	22.8	D
	Northwest	52.0	B	44.6	B	42.0	B
Madison Avenue and E 46th Street	Southwest	48.2	B	36.7	C	45.6	B
Madison Avenue and E 53rd Street	Southwest	44.1	B	49.0	B	44.0	B
	Northwest	94.1	A	113.0	A	100.3	A
Vanderbilt Avenue and E 43rd Street	Northwest	UNSIGNALIZED		UNSIGNALIZED		UNSIGNALIZED	
Park Avenue Northbound and E 41st Street	Northeast	Plaza		Plaza		Plaza	
	Southeast	74.9	A	97.7	A	62.2	A
Park Avenue Southbound and E 46th Street	Southwest	41.4	B	55.1	B	49.6	B
	Northwest	33.0	C	30.4	C	23.7	D

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2036 Lesser Density Alternative: Corner Analysis

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS
Park Avenue Southbound and E 47th Street	Southwest	23.1	D	24.0	D	28.7	C
Park Avenue Southbound and E 48th Street	Northwest	29.7	C	29.1	C	29.7	C
Park Avenue Northbound and E 48th Street	Northeast	20.5	D	29.9	C	24.8	C
Park Avenue Southbound and E 49th Street	Southwest	26.2	C	36.4	C	26.1	C
	Northwest	14.8	E	34.3	C	29.4	C
Park Avenue Northbound and E 49th Street	Northeast	25.9	C	32.3	C	28.6	C
	Southeast	41.8	B	40.5	B	29.6	C
Park Avenue Southbound and E 50th Street	Southwest	22.7	D	33.4	C	25.3	C
	Northwest	28.2	C	37.9	C	30.0	C
Lexington Avenue and E 41st Street	Southeast	51.8	B	41.8	B	62.9	A
	Southwest	6.5	F	11.2	E	15.4	D
Lexington Avenue and E 42nd Street	Northeast	28.7	C	43.7	B	39.6	C
	Southeast	15.9	D	29.6	C	25.3	C
	Southwest	17.9	D	32.7	C	29.1	C
	Northwest	13.2	E	28.2	C	24.6	C
Lexington Avenue and E 43rd Street	Northeast	51.4	B	48.8	B	38.3	C
	Southeast	27.5	C	23.1	D	14.0	E
Lexington Avenue and E 44th Street	Northeast	24.6	C	27.2	C	28.6	C
	Southeast	58.4	B	68.3	A	65.8	A
Lexington Avenue and E 45th Street	Northeast	23.0	D	11.2	E	21.2	D
	Southeast	15.7	D	10.5	E	21.2	D
	Southwest	11.0	E	10.5	E	16.7	D
	Northwest	34.1	C	22.2	D	28.0	C
Lexington Avenue and E 46th Street	Northeast	46.2	B	31.8	C	35.1	C
	Southeast	19.4	D	13.4	E	20.9	D
	Southwest	27.0	C	25.6	C	33.0	C
	Northwest	28.9	C	24.7	C	25.7	C
Lexington Avenue and E 47th Street	Northeast	40.7	B	25.7	C	43.6	B
	Southeast	78.4	A	56.2	B	62.2	A
	Southwest	34.7	C	24.7	C	38.9	C
	Northwest	34.4	C	20.8	D	39.6	C
Lexington Avenue and E 48th Street	Northeast	33.5	C	38.1	C	27.5	C
	Southeast	31.5	C	30.4	C	25.6	C
	Southwest	31.7	C	38.8	C	44.6	B
	Northwest	42.2	B	67.4	A	50.8	B
Lexington Avenue and E 49th Street	Northeast	66.9	A	86.9	A	59.1	B
	Southeast	31.6	C	34.5	C	25.1	C
	Southwest	72.7	A	81.4	A	55.9	B
	Northwest	24.4	C	46.4	B	28.4	C
Lexington Avenue and E 50th Street	Northeast	13.8	E	18.3	D	18.3	D
	Southeast	29.2	C	43.0	B	30.5	C
	Southwest	10.0	E	25.8	C	11.3	E
	Northwest	14.7	E	31.2	C	19.2	D

Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative: Corner Analysis

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS
Lexington Avenue and E 51st Street	Northeast	10.3	E	25.8	C	16.1	D
	Southeast	24.0	C	27.4	C	25.8	C
	Southwest	28.1	C	20.5	D	39.6	C
	Northwest	42.0	B	51.9	B	56.3	B
Lexington Avenue and E 52nd Street	Northeast	107.4	A	131.8	A	141.9	A
	Southeast	26.7	C	25.4	C	36.0	C
	Southwest	60.0	A	44.4	B	66.1	A
	Northwest	366.0	A	369.6	A	440.8	A
Lexington Avenue and E 53rd Street	Southeast	177.5	A	81.9	A	159.1	A
3rd Avenue and E 42nd Street	Northeast	76.8	A	70.3	A	60.4	A
	Southeast	40.6	B	57.7	B	29.2	C
	Southwest	28.9	C	56.3	B	40.8	B
	Northwest	56.1	B	62.7	A	69.6	A
3rd Avenue and E 43rd Street	Northeast	22.4	D	16.0	D	14.4	E
	Southeast	15.3	D	21.1	D	18.1	D
	Southwest	9.4	E	11.2	E	17.1	D
	Northwest	10.0	E	7.1	F	7.0	F
3rd Avenue and E 44th Street	Northeast	37.0	C	42.9	B	31.5	C
	Southeast	30.8	C	48.5	B	41.3	B
3rd Avenue and E 45th Street	Northeast	39.6	C	27.4	C	35.4	C
	Southeast	37.6	C	35.5	C	44.3	B
3rd Avenue and E 48th Street	Northwest	127.9	A	124.1	A	107.5	A
3rd Avenue and E 49th Street	Southwest	371.0	A	312.8	A	286.9	A
	Northwest	352.7	A	294.5	A	264.1	A
3rd Avenue and E 51st Street	Northwest	21.7	D	29.1	C	26.8	C
3rd Avenue and E 52nd Street	Northeast	80.9	A	96.4	A	91.6	A
	Southwest	44.9	B	32.6	C	46.3	B
	Northwest	41.8	B	34.5	C	43.3	B
3rd Avenue and E 53rd Street	Southeast	24.3	C	20.5	D	24.4	C
	Southwest	33.6	C	21.5	D	27.8	C
	Northwest	29.5	C	23.8	D	30.1	C
3rd Avenue and E 54th Street	Southwest	72.9	A	64.6	A	63.6	A
	Northwest	292.0	A	231.2	A	241.7	A
3rd Avenue and E 55th Street	Southwest	86.7	A	63.9	A	82.2	A
	Northwest	83.8	A	61.0	A	71.2	A
3rd Avenue and E 56th Street	Southwest	42.0	B	26.7	C	44.0	B
2nd Avenue and E 42nd Street	Northeast	87.1	A	38.5	C	57.4	B
	Southwest	6.8	F	17.7	D	15.1	D
	Northwest	123.2	A	76.7	A	104.0	A
2nd Avenue and E 43rd Street	Southeast	52.4	B	42.0	B	63.4	A
	Southwest	47.2	B	30.4	C	52.3	B
	Northwest	58.4	B	33.4	C	47.4	B

Note: SFP = square feet per pedestrian ; Significant Adverse Impacts hilighted

2036 Lesser Density Alternative With Mitigation Condition: Crosswalk Analysis

Intersection	Crosswalk	No Action			Lower Density Alternative			Lower Density Alternative With Mitigation			
		Width	SFP	LOS	Width	SFP	LOS	Width	SFP	LOS	Mitigation Measures
Weekday AM Peak Hour											
Lexington Avenue and E 48th Street	West	12	18.3	D	12.0	16.0	D	12.0	17.4	D	Walk time increased by 3 seconds
Weekday MD Peak Hour											
Lexington Avenue and E 46th Street	East	14	18.6	D	14.0	16.8	D	14.0	17.3	D	Walk time increased by 1 second
Lexington Avenue and E 47th Street	East	10	17.2	D	10.0	15.1	D	10.0	16.0	D	Walk time increased by 2 seconds as per traffic mitigation measures
3rd Avenue and E 44th Street	East	15.5	23.6	D	15.5	17.9	D	15.5	19.9	D	Walk time increased by 3 seconds
Weekday PM Peak Hour											
5th Avenue and 42nd Street	North	25	23.3	D	25.0	19.0	D	25.0	20.7	D	Walk time increased by 2 seconds
5th Avenue and 43rd Street	East	20	16.1	D	20.0	14.7	E	20.0	16.4	D	Walk time increased by 4 seconds as per traffic mitigation measures
Lexington Avenue and E 47th Street	East	10	25.7	C	10.0	19.0	D	10.0	20.7	D	Walk time increased by 3 seconds
3rd Avenue and E 53rd Street	West	13.5	22.2	D	13.5	18.5	D	13.5	20.7	D	Walk time increased by 3 seconds as per air quality mitigation measures

Note: Only mitigatible analysis locations are included

2036 Lesser Density Alternative With Mitigation Condition: Corner Analysis

Intersection	Corner	No Action		Lower Density Alternative		Lower Density Alternative With Mitigation		
		SFP	LOS	SFP	LOS	SFP	LOS	Mitigation Measures
Weekday AM Peak Hour								
Lexington Avenue and E 41st Street	Southwest	7.4	F	6.5	F	7.3	F	Remove garbage bin
2nd Avenue and E 42nd Street	Southwest	7.9	F	6.8	F	9.8	E	Remove 2 garbage bins
Weekday Midday Peak Hour								
2nd Avenue and E 42nd Street	Southwest	21.4	D	17.7	D	21.1	D	Remove 2 garbage bins
Weekday PM Peak Hour								
Lexington Avenue and East 41st Street	Southwest	17.2	D	15.4	D	16.7	D	Remove garbage bin
2nd Avenue and E 42nd Street	Southwest	16.4	D	15.1	D	17.3	D	Remove 2 garbage bins

Note: Only mitigatible analysis locations are included

Appendix I.6

Lesser Density Alternative Parking Accumulation

Lesser Density Alternative - Net Incremental Weekday Hourly Parking Accumulation by Land Use

Time Period	Office	Local Retail	Destination Retail	Hotel	Residential	Total
12 AM - 1 AM	0	0	0	-80	-12	-92
1 AM - 2 AM	0	0	0	-83	-12	-95
2 AM - 3 AM	0	0	0	-83	-12	-95
3 AM - 4 AM	0	0	0	-83	-12	-95
4 AM - 5 AM	0	0	0	-83	-12	-95
5 AM - 6 AM	0	0	0	-83	-12	-95
6 AM - 7 AM	0	0	0	-83	-12	-95
7 AM - 8 AM	53	1	0	-82	-11	-39
8 AM - 9 AM	722	1	1	-69	-8	647
9 AM - 10 AM	1,222	2	2	-59	-7	1,160
10 AM - 11 AM	1,176	3	5	-53	-7	1,124
11 AM - 12 PM	1,155	3	8	-47	-7	1,112
12 PM - 1 PM	1,146	3	10	-55	-7	1,097
1 PM - 2 PM	1,153	3	11	-48	-7	1,113
2 PM - 3 PM	1,180	3	10	-39	-7	1,147
3 PM - 4 PM	1,230	3	10	-29	-7	1,207
4 PM - 5 PM	878	3	9	-22	-8	860
5 PM - 6 PM	114	3	8	-51	-10	64
6 PM - 7 PM	20	3	7	-39	-11	-20
7 PM - 8 PM	7	1	8	-56	-12	-52
8 PM - 9 PM	1	0	6	-66	-13	-71
9 PM - 10 PM	1	0	0	-71	-12	-82
10 PM - 11 PM	1	0	0	-75	-12	-86
11 PM - 12 AM	1	0	0	-80	-12	-91