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Appendix F.1
Transportation Planning Factors Technical Memorandum





To: New York City Department of City Planning

CC: Nancy Doon, Celeste Evans, Molly MacQueen and Tammy Petsios – VHB

From: Erik Metzger

Project #: 29878.00 Memorandum

Re: Greater East Midtown Rezoning EIS – Draft Transportation

Planning Factors

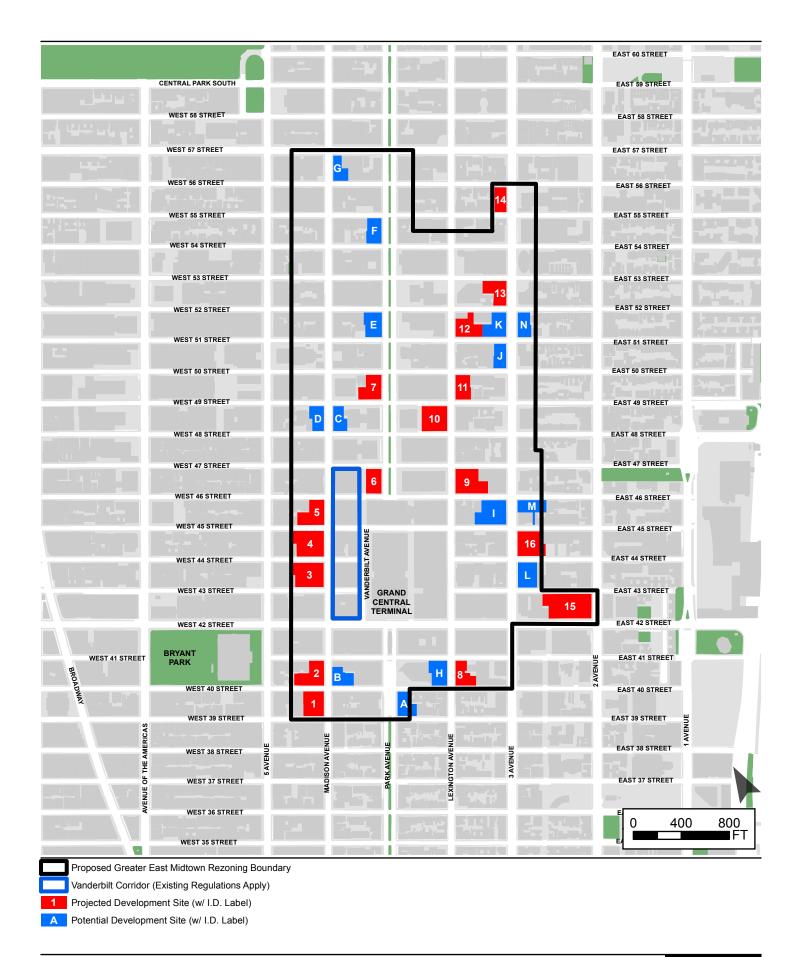
This memorandum summarizes the transportation planning factors to be used for the analysis of transportation (traffic, transit, pedestrians and parking) conditions for the *Greater East Midtown Rezoning EIS*. It provides a description of the Proposed Action and travel demand factors used to determine the number of trips generated by the project in the weekday AM, Midday and PM peak hours.

PROPOSED ACTION

The Proposed Action includes zoning map amendments and zoning text amendments affecting a 78 block area in East Midtown generally bounded by East 57th Street to the north, East 39th Street to the south, a line 200 feet easterly of Third Avenue to the east and a line 250 feet westerly of Madison Avenue to the west (see Figure 1). The general objective of the Proposed Action is to facilitate both the construction of new office space and replacement of outdated office stock within East Midtown by increasing density through an as-of-right framework. This framework would also provide direct funding for transit and above-grade public realm infrastructure improvements and bolster landmarks preservation within the Subdistrict.

In order to assess the possible effects of the Proposed Action, a Reasonable Worst-Case Development Scenario (RWCDS) was established using both the current zoning (future No-Action) and proposed zoning (future With-Action) conditions projected to the build year of 2036 (the year by which the projected development predicted by the proposed zoning would be in place). The RWCDS identifies 16 Projected Development Sites (those sites considered more likely to be developed within the 20-year analysis period) and 14 potential development sites (those sites considered less likely to be developed within the same period); the locations of these development sites are shown in Figure 1. Only Projected Development Sites are considered for the purposes of the transportation analyses.

The incremental difference between the future No-Action and future With-Action conditions are the basis of the transportation impact analyses of the EIS. Table 1 summarizes the No-Action Condition, With-Action Condition, and incremental net change of component sizes by land use for the RWCDS. As shown in the table, under the RWCDS, the Proposed Action would result in a net increase of approximately 6.6 million gross square feet (gsf) of office uses, 57,477 gsf of local retail uses, and 81,548 gsf of destination retail uses. The Proposed Action would also result in a net reduction of 1,246 hotel rooms, 44 residential dwelling units, and 564 parking spaces, compared to the No-Action Condition.



Greater East Midtown Rezoning Manhattan, New York

Proposed Rezoning Area RWCDS Sites

Figure 1



Table 1 – RWCDS Summary for Projected Development Sites

	<i>J</i>	, ,	
Land Use	No-Action Condition	With-Action Condition	Net Increment
Office	6,812,920 gsf	13,394,777 gsf	+6,581,857 gsf
Local Retail	390,599 gsf	448,076 gsf	+57,477 gsf
Destination Retail	72,275 gsf	153,823 gsf	+81,548 gsf
Hotel	1,246 rooms	0 rooms	-1,246 rooms
Residential	163 dwelling units	119 dwelling units	-44 dwelling units
Parking Spaces	564	0	-564

TRANSPORTATION PLANNING FACTORS

The transportation planning factors used to forecast weekday travel demand for the land uses in the RWCDS are summarized in Table 2 and discussed below. The trip generation rates, temporal distributions and in/out splits, modal splits, vehicle occupancies and truck trip factors were primarily based on rates cited in the 2014 *City Environmental Quality Review (CEQR) Technical Manual*, factors developed for the 2013 *East Midtown Rezoning and Related Actions FEIS* and American Community Survey journey-to-work and reverse journey-to-work data for census tracts in the rezoning area. Factors are provided for the weekday AM and PM peak hours (the typical peak periods for commuter travel demand) and the weekday Midday peak hour (the typical peak period for retail establishments such as local eateries and shops).

Office

Trip generation rates and temporal distributions for offices were based on factors cited in the *CEQR Technical Manual*. In/out splits were obtained from the *East Midtown Rezoning and Related Actions FEIS*. Weekday AM and PM peak hour modal splits were derived from 2006-2010 American Community Survey reverse journey-to-work data for workers arriving between 7:30 am and 9:59 am at workplaces located within census tracts in the rezoning area (Manhattan Census Tracts 80, 82, 88, 90, 92, 94, 98, 100, 102, 108, 112.02 and 112.03). Trips made by taxi were assumed to be evenly distributed between yellow cabs and black cars as per the *East Midtown Rezoning and Related Actions FEIS*. Weekday Midday peak hour modal splits were obtained from the *East Midtown Rezoning and Related Actions FEIS*. Vehicle occupancies for autos were derived from 2006-2010 American Community Survey reverse journey-to-work data and vehicle occupancy rates for taxis were obtained from the *East Midtown Rezoning and Related Actions FEIS*. Truck trip generation assumptions were based on the rates cited in the *CEQR Technical Manual*.

Local Retail

Local retail would primarily attract trips from worker populations at new office development and other land uses in the surrounding area. It is therefore anticipated that the majority of these trips would be via the walk mode and that many would be "linked" trips (e.g., a trip with multiple purposes, such as stopping at a retail store while commuting to or from work or at lunchtime) and would therefore not represent the addition of new discrete trips. The proportion of "linked" trips assumed is 25 percent based on the CEQR Technical Manual. Weekday travel demand forecasts for local retail uses were based on the trip generation rates and temporal distributions cited in the CEQR Technical Manual. In/out splits, modal splits and vehicle occupancy rates were obtained from the East Midtown Rezoning and Related Actions FEIS. Truck trip generation assumptions were based on the rates cited in the CEQR Technical Manual.

Table 2 – Transportation Planning Factors

Land Use:	Off	ice	Local	Retail	Destination	on Retail	Но	tel	Resid	ential
Trip Generation:	(1	.)	(:	1)	(1	.)	(:	1)	(1)
	Weel	-		kday	Weel	•		kday		kday
Daily Person Trips	18			05	78			.4		075
Net Daily Person Trips*	18	3.0	15	54	78	.2	9	.4		075
	per 1,0	000 gs f	per 1,0	000 gsf	per 1,0	00 gs f	peri	room	perdwe	lling unit
Temporal Distribution:	(1	.)	(:	1)	(1	.)	(:	1)	(1)
AM	12	%	3	%	39	%	8	%	10)%
MD	15	%	19	9%	99	%	14	! %	5	%
PM	14	·%	10)%	99	%	13	3%	11	L%
In/Out Splits:	(2	!)	(:	2)	(2	!)	(:	2)	(2)
	In	Out	In	Out	In	Out	In	Out	In	Out
AM	96%	4%	50%	50%	61%	39%	39%	61%	15%	85%
MD	48%	52%	50%	50%	55%	45%	54%	46%	50%	50%
PM	5%	95%	50%	50%	47%	53%	65%	35%	70%	30%
Modal Splits:	(3)	(2)	(:	2)	(2)	(2)	(2)	(2)	(4)
•	AM/PM	MD		1D/PM	AM/PM	MD	AM/PM	MD		1D/PM
Auto	7.6%	2.0%		%	9.0%	9%	9%	8%	8.	5%
Taxi (Yellow Cab)	1.1%	1.5%	3	%	4.0%	4%	18%	15%	4.	1%
Taxi (Black Car)	1.1%	1.5%	-	_	_	-	_	_		_
Bus	14.8%	6.0%	6	%	8.0%	8%	3%	3%	7.5	9%
Subway	48.2%	6.0%		%	26.5%	20%	24%	13%		.2%
Railroad	19.2%	0.0%		%	2.0%	0%	0%	0%		1%
Walk	7.8%	83.0%		3%	50.5%	59%	46%	61%		.6%
Other	0.2%	0.0%		%	0.0%	0%	0%	0%		<u>5%</u>
	100.0%	100.0%	_	0%	100.0%	100%	100%	100%	·	0.0%
Vehicle Occupancy:	(2,	3)	(:	2)	(2	2)	(:	2)	(2	,4)
Auto	1.3			, 65	2.0			40		14
Taxi (Yellow Cab)	1.4			40	2.0			80		40
Taxi (Black Car)	1.4			-	-			-		-
Truck Trip Generation:	(1)	(-	1)	(2	1	(·	2)	(1)
Track trip Concretion	Weel			kday	Weel			kday		kday
	0.3	•		35	0.3	•		06		06
	per 1,0			000 gs f	per 1,0			oom		lling unit
	(1	1	(:	1)	(2	1)	l:	2)	1	1)
AM	10		8		89			2) 2%		2%
MD	11		11		11			%		%
PM	29		2		29			% %		% %
	In	Out	In	Out	In	Out	In	Out	In	Out
	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%
	3070	3070	30/0	30/0	30/0	JU/0	3070	30/0	3070	3070

Note:

Sources:

- 1 CEQR Technical Manual (2014)
- 2 East Midtown Rezoning and Related Actions FEIS (2013)
- 3 U.S. Census Bureau, American Community Survey 2006-2010 Five-year estimates. Special Tabulation: Census Transportation Planning Reverse Journey-to-Work Data for Tracts 80, 82, 88, 90, 92, 94, 98, 100, 102, 108, 112.02 and 112.03 for workers arriving between 7:30-9:59 am
- 4 U.S. Census Bureau, American Community Survey 2010-2014 5-Year Estimates Journey-to-Work Data for Tracts 80, 82, 88, 90, 92, 94, 98, 100, 102, 108, 112.02 and 112.03

^{*} Includes 25% credit for linked trips to local retail

Destination Retail

Destination retail differs from local retail in that it more often represents a primary trip purpose to the study area, as is reflected in the mode split. Weekday travel demand forecasts for destination retail uses were based on the trip generation rates and temporal distributions cited in the CEQR Technical Manual. In/out splits, modal splits and vehicle occupancy rates were obtained from the East Midtown Rezoning and Related Actions FEIS. Truck trip generation rates were obtained from the East Midtown Rezoning and Related Actions FEIS.

Hotel

Travel demand forecasts for hotels were based on the trip generation rates and temporal distributions cited in the CEQR Technical Manual and the in/out splits, modal splits and vehicle occupancies presented in the East Midtown Rezoning and Related Actions FEIS. Truck trip generation rates were obtained from the East Midtown Rezoning and Related Actions FEIS.

Residential

Residential trip generation rates and temporal distributions were based on factors cited in the *CEQR Technical Manual* and in/out splits were obtained from the *East Midtown Rezoning and Related Actions FEIS*. Modal splits were derived from 2010-2014 American Community Survey journey-to-work data for workers residing within census tracts in the rezoning area. Although residential-based trips in the midday would likely be more local in nature than in the peak commuter hours (and therefore have a higher walk share, for example), the residential modal split based on journey-to work data was conservatively assumed for all time periods. Vehicle occupancies for autos were derived from 2010-2014 American Community Survey journey-to-work data and vehicle occupancy rates for taxis were obtained from the *East Midtown Rezoning and Related Actions FEIS*. Truck trip generation assumptions were based on the rates cited in the *CEQR Technical Manual*.

TRIP GENERATION

The incremental difference in person and vehicle trips expected to result from the Proposed Action by the build year of 2036 were derived based on the net change in land use component sizes in Table 1 and the transportation planning factors in Table 2. Table 3 provides an estimate of the incremental net change of peak hour trips (versus the No-Action condition) that would occur in 2036 with implementation of the Proposed Action.

As shown in Table 3, the Proposed Action would generate an increase of approximately 13,715 total person trips during the weekday AM peak hour, 18,379 total person trips during the weekday Midday peak hour and 16,500 total person trips during the weekday PM peak hour. Person trips by auto and taxi modes would increase by a net total of approximately 1,178, 671 and 1,331 during the AM, Midday and PM peak hours, respectively. Peak hour bus trips would increase by a net total of approximately 2,108, 1,163 and 2,507 during the AM, Midday and PM peak hours, respectively, while peak hour subway trips would increase by a net total of approximately 6,683, 1,066 and 7,822, respectively. Peak hour railroad trips would increase by a net total of approximately 2,736, 2 and 3,199 during the weekday AM, Midday and PM peak hours, respectively. Trips solely made by the walk mode would increase by approximately 983, 15,477 and 1,610 during the AM, Midday and PM peak hours, respectively.

Table 3 - Travel Demand Forecast

Project Com	nponents:	Off	ice	Local	Retail	Destinati	on Retail	Но	itel	Resid	lential			
	Size:	6,58 ⁻ g			.477 Isf		548 sf	-1,2 roo			14 ng units			
Peak Hour T	rins:													
r cult riour i	AM	14,	222	2	66	19	95	-9:	35	-:	33			
	MD	17,			594		75	-1,6			14			
	PM	16,	590	81	90	5	76	-1,5	520	-:	36			
													Net	
Person Trip	s:	In	Out	In	Out	In	Out	In	Out	In	Out	In	Out	Total
AM	Auto	1,037	45	3	3	11	7	-33	-51	0	-3	1,018	1	1,019
	Taxi	301	12	5	5	3	3	-66	-103	0	-1	243	-84	159
	Bus	2,021	83	8	8	10	8	-11	-17	0	-2	2,028	80	2,108
	Subway	6,577	275	8	8	31	19	-87	-137	-2	-9	6,527	156	6,683
	Railroad	2,623	110	0	0	4	0	0	0	0	-1	2,627	109	2,736
	Walk	1,066	45	109	109	60	39	-168	-262	-1	-14	1,066	-83	983
	Other	27	0	0	0	0	0	0	0	0	0	27	0	27
	Total	13,652	570	133	133	119	76	-365	-570	-3	-30	13,536	179	13,715
MD	Auto	171	184	18	18	28	23	-71	-61	-1	-1	145	163	308
	Taxi	256	278	26	26	13	11	-133	-114	0	0	162	201	363
	Bus	511	553	52	52	25	21	-26	-23	-1	-1	561	602	1,163
	Subway	511	553	52	52	64	52	-116	-98	-2	-2	509	557	1,066
	Railroad	0	0	0	0	0	0	0	0	1	1	1	1	2
	Walk	7,080	7,669	699	699	187	151	-540	-460	-4	-4	7,422	8,055	15,477
	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	Total	8,529	9,237	847	847	317	258	-886	-756	-7	-7	8,800	9,579	18,379
PM	Auto	62	1,197	8	8	25	28	-89	-48	-2	-1	4	1,184	1,188
1 101	Taxi	22	348	12	12	11	12	-178	-95	-1	0	-134	277	143
	Bus	125	2,330	27	27	21	25	-30	-15	-2	-1	141	2,366	2,507
	Subway	400	7,594	27	27	70	81	-237	-129	-8	-3	252	7,570	7,822
	Railroad	161	3,025	0	0	6	7	0	0	0	0	167	3,032	3,199
	Walk	67	1,228	371	371	136	154	-454	-245	-13	-5	107	1,503	1,610
	Other	0	31	0	0	0	0	0	0	0	0	0	31	31
	Total	837	15,753	445	445	269	307	-988	-532	-26	-10	537	15,963	16,500
												Tal	al Dalan	
Vahiala Trin		In	Out	In	Out	ln.	Out	ln.	Out	In	Out		al Balan Out	
Vehicle Trip AM	Auto	In 901		In 1	1	In 4	4	In -23	-36	In 0	Out -2	In 883	3	Total 886
AWI	Taxi	212	36 2	3	3	4	0	-23 -36	-56	0	-2 -1	183	183	366
	Truck	104	104	-1	-1	0	0	-30 -4	-4	0	0	99	99	198
				3	3	8	4	-63	-96	0	-3			
	Total	1,217	142	3	3	ō	4	-03	-90	U	-3	1,165	285	1,450
MD	Auto	150	161	10	10	15	11	-51	-43	-1	-1	123	138	261
	Taxi	182	200	19	19	7	4	-74	-62	0	0	190	190	380
	Truck	115	115	-1	-1	0	0	-3	-3	0	0	111	111	222
	Total	447	476	28	28	22	15	-128	-108	-1	-1	424	439	863
PM	Auto	56	1,042	4	4	12	13	-64	-34	-2	-1	6	1,024	1,030
	Taxi	12	250	8	8	6	7	-99	-53	-1	0	202	202	404
	Truck	23	23	0	0	0	0	0	0	0	0	23	23	46
	Total	91	1,315	12	12	18	20	-163	-87	-3	-1	231	1,249	1,480

Note:

Taxi trips were balanced on a site-by-site basis for each of the projected development sites

Table 3 also provides an estimate of the incremental net change in peak hour vehicle trips (auto, taxi and truck) that would occur in 2036 with implementation of the Proposed Action. Inbound and outbound taxi (yellow cab and black car) trips were balanced to reflect that they consist of two trip ends (one in, one out) and that some taxis arrive or depart empty. As the rezoning area is located within the vicinity of Grand Central Terminal, 75 percent of inbound full yellow cabs were assumed to be available for outbound demand given the presence of the intermodal facility (e.g., taxis dropping off passengers at adjacent office buildings in the AM peak period could pick up passengers arriving at the train station); this assumption is based on guidance in the CEQR Technical Manual. For black cars, 90 percent of inbound full vehicles were assumed to be available for outbound demand (these vehicles are dispatched and do not pick up passengers via street hails) based on the East Midtown Rezoning and Related Actions FEIS. As shown in Table 3, total vehicle trips generated by the Proposed Action would increase by approximately 1,450, 863 and 1,480 during the AM, Midday and PM peak hours, respectively.

ANALYSIS PERIODS

According to the *CEQR Technical Manual*, a quantified traffic analysis is typically required if a proposed action would result in more than 50 peak hour vehicle trip ends. As shown in Table 3, the Proposed Action is expected to result in more than 50 total vehicle trips during the AM, Midday and PM peak hours. These peak hours, therefore, will be selected for the quantitative analysis of traffic conditions. The standard peak hours for this area of Manhattan are 8-9 AM, 12-1 PM and 5-6 PM.

The analysis of transit (bus and subway) conditions typically focuses on the AM and PM commuter peak hours, as these are the time periods when the incremental transit demand from the Proposed Action are highest and there is also the greatest potential for significant impacts. Therefore, quantitative analyses of transit conditions will focus on the AM and PM peak hours.

According to the *CEQR Technical Manual*, a quantified analysis of pedestrian conditions is typically required if a proposed action would result in 200 or more peak hour pedestrian trips. As shown in Table 3, the Proposed Action is expected to result in more than 50 total person trips during the AM, Midday and PM peak hours.¹ For this reason, quantitative analyses of pedestrian conditions will focus on the AM, Midday and PM peak hours.

TRAFFIC

Trip Distribution

A geographical distribution of vehicle trips to and from the Projected Development Sites was developed based upon various sources of New York metropolitan area travel pattern data as the first step in the auto, taxi and truck vehicle assignment process.

For the projected office development, auto trip distributions were based upon 2006-2010 American Community Survey reverse journey-to-work data for commuters driving to workplaces in the rezoning area. Similarly, auto trip distributions for the projected residential development were based on 2010-2014 American Community Survey journey-to-work data for commuters driving from residences in the study

¹ Pedestrian trips refer not only to trips made solely by the walk mode, but also to the pedestrian component associated with walking between Projected Development Sites and other modes of travel, such as subway or rail stations, bus stops and parking facilities.

area. Trip origins and destinations were defined based on the area highway system and included four geographic areas of Manhattan, the other four New York City boroughs, Long Island, Lower Hudson Valley counties east of the Hudson River (i.e., Westchester, Dutchess, and Putnam), Lower Hudson Valley counties west of the Hudson River (i.e., Rockland and Orange), Upstate New York, Connecticut, Bergen County in New Jersey, all of the remaining counties in New Jersey, and Pennsylvania. The distributions of auto trips that would be generated by retail and hotel land uses were obtained from the *East Midtown Rezoning and Related Actions FEIS*.

Table 4 summarizes the projected distribution of auto trips to and from the north, east, south and west for office, residential, retail and hotel land uses. Most of the auto trips for office land uses are expected to approach and depart the study area from the north since the Franklin D. Roosevelt (FDR) Drive and Henry Hudson Parkway (Route 9A) provide access to the Bronx, northern portions of Manhattan, Lower Hudson Valley, Upstate New York, Connecticut, and Bergen County in New Jersey (via the George Washington Bridge). A large percentage of trips would also approach and depart the study area via the east due to the projected amount of vehicles from Queens and Long Island (via the Ed Koch Queensboro Bridge and Queens Midtown Tunnel). Vehicle trips approaching and departing the study area via the west would primarily originate from or be destined to the remaining counties in New Jersey. Table 4 also summarizes the projected distributions of taxis and trucks traveling to and from the study area, which were obtained from the East Midtown Rezoning and Related Actions FEIS.

Table 4 - Vehicle Trip Distribution

Vehicle Type	Land Use	North	South	East	West	Total
Auto	Office ¹	37%	13%	28%	22%	100%
	Retail ²	40%	25%	15%	20%	100%
	Hotel ²	40%	20%	15%	25%	100%
	Residential ³	34%	33%	15%	18%	100%
Taxi ²	Office	55%	24%	7%	14%	100%
	Retail	35%	25%	10%	30%	100%
	Hotel	40%	10%	25%	25%	100%
	Residential	9%	37%	25%	29%	100%
Truck ²	All	48%	25%	20%	7%	100%

Sources:

Trip Assignment and Study Area

Project-generated auto trips for each Projected Development Site were assigned to the most direct routes to approach and depart off-street parking facilities in the vicinity of the Projected Development Sites from the trip origins and destinations shown in Table 4. Taxi trips were assigned to approach, pass by and depart Projected Development Sites based on the trip origins and destinations shown in Table 4. Truck trips were assigned between Projected Development Sites and the trip origins and destinations shown in Table 4 based on the use of designated truck routes as per NYCDOT truck route regulations. Local ruck routes in the vicinity of the proposed rezoning area include First, Second, Third and Lexington Avenues and 34th, 42nd, 57th, 59th, and 60th Streets.

^{1.} U.S. Census Bureau, American Community Survey 2006-2010 Five-year estimates. Special Tabulation: Census Transportation Planning Reverse Journey-to-Work Data for Tracts 80, 82, 88, 90, 92, 94, 98, 100, 102, 108, 112.02 and 112.03

^{2.} East Midtown Rezoning and Related Actions FEIS

^{3.} U.S. Census Bureau, American Community Survey 2006-2010 Five-year estimates. Special Tabulation: Census Transportation Planning Journey-to-Work Data for Tracts 80, 82, 88, 90, 92, 94, 98, 100, 102, 108, 112.02 and 112.03

The intersection analysis locations were finalized in consultation with DCP and the New York City Department of Transportation (DOT), taking into consideration existing bottleneck locations and prevailing travel patterns in the study area. Figure 2 shows the locations of the 119 intersections that were determined to require a detailed analysis. The area within which these intersections are located is generally bound by 60th Street on the north, 36th Street on the south, First Avenue on the east, and Sixth Avenue on the west.

TRANSIT

According to the general thresholds used by the Metropolitan Transportation Authority (MTA) and specified in the *CEQR Technical Manual*, detailed transit analyses are generally not required if a proposed action is projected to result in fewer than 200 peak hour rail or bus transit riders. If a proposed action would result in 50 or more bus passengers being assigned to a single bus line (in one direction), or if it would result in an increase of 200 or more passengers at a single subway station or on a single subway line, a detailed bus or subway analysis would be warranted.

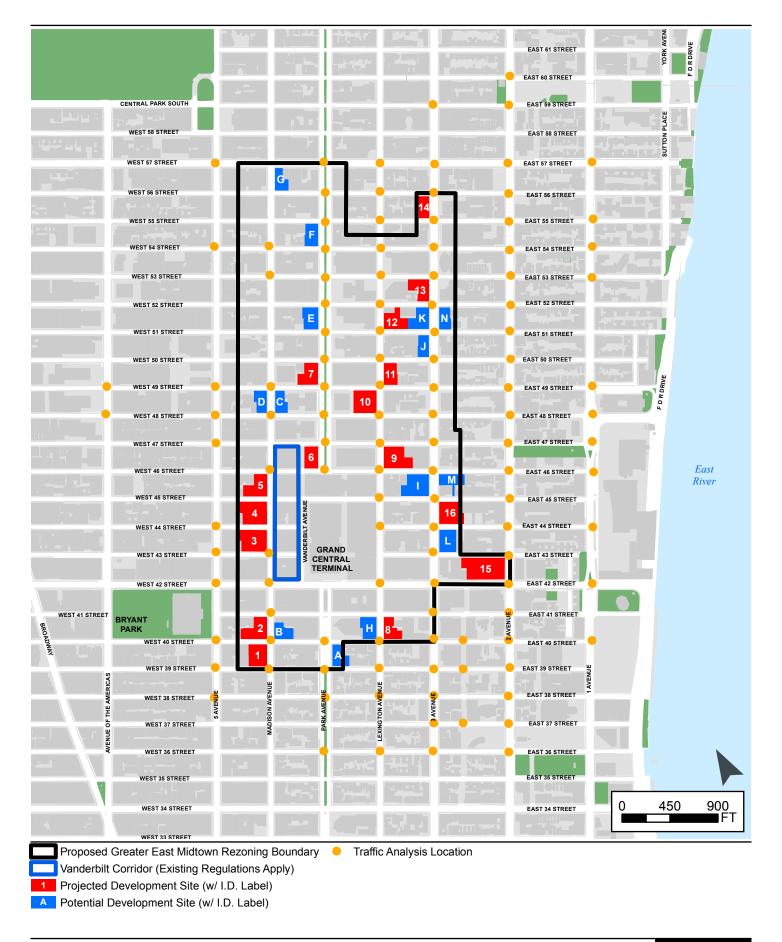
Subway Stations

There are a total of eight MTA-NYCT subway stations or station complexes located in proximity to Projected Development Sites. These stations and station complexes are listed in Table 5 along with the subway routes serving each facility. Notable among these is the Grand Central station complex served by Nos. 4, 5, and 6 trains on the Lexington Avenue Line, No. 7 trains on the Flushing Line and the Times Square Shuttle.

As shown in Table 3, Projected Development Sites are expected to generate a net total of approximately 6,683 and 7,822 new subway trips during the AM and PM peak hours, respectively. Assignments of these trips to individual subway stations, as well as transfer trips to subways from other modes (e.g., bus trips at the Port Authority Bus Terminal and commuter rail trips at Penn Station) were prepared by MTA-NYCT. Table 5 shows the total net incremental subway trips generated by the proposed rezoning during the AM and PM peak hours at each of the subway station and station complexes serving the rezoning area.

Table 5 – Net Incremental Peak Hour Subway Trips by Station/Station Complex

		Weekday l	Peak Hour
Subway Station	Route(s) Served	AM	PM
Grand Central 42nd Street	4/5/6/7/S	3,578	4,247
42nd Street Bryant Park-Fifth Avenue	B/D/F/M/7	596	693
47th-50th Streets-Rockefeller Center	B/D/F/M	426	487
Lexington Avenue-51st/53rd Streets	E/M/6	3,087	3,579
Fifth Avenue-53rd Street	E/M	90	107
57th Street	F	0	0
Lexington Avenue-59th Street	4/5/6/N/R/W	193	238
Fifth Avenue-59th Street	N/R/W	0	0
	Totals	7,970	9,351



Greater East Midtown Rezoning Manhattan, New York

Traffic Analysis Locations

Figure 2



As shown in Table 5, the highest number of new peak hour subway trips would occur at the Grand Central 42nd Street station complex, which would experience approximately 3,578 new trips in the AM peak hour and 4,247 in the PM peak hour. The Lexington Avenue-51st/53rd Streets station complex would experience the second highest number of new peak hour subway trips with 3,087 and 3,579 in the AM and PM peak hours, respectively. Although the 57th Street and Fifth Avenue-59th Street stations also serve the rezoning area, no new subway trips are expected at these stations due to the location of Projected Development Sites.

The analysis of subway station conditions will focus on the five subway stations/station complexes at which new subway demand from the Proposed Action would exceed the 200-trip CEQR Technical Manual analysis threshold. As shown in Table 5, these include:

- Grand Central 42nd Street;
- 42nd Street Bryant Park-Fifth Avenue;
- 47th-50th Streets-Rockefeller Center;
- Lexington Avenue-51st/53rd Streets; and
- Lexington Avenue-59th Street.

At each of these five facilities, key circulation elements (e.g., street stairs, fare control areas, etc.) expected to be used by concentrations of new demand from the proposed rezoning will be analyzed.

Subway Line Haul

Line haul is the volume of transit riders passing a defined point on a given transit route. Subway line haul is typically measured at the maximum load point on each route (the point where trains carry the highest number of passengers during the peak hour).

The proposed rezoning area is currently served by a total of 13 NYCT subway routes, including Nos. 4 and 5 express and No. 6 local services on the Lexington Avenue Line; No. 7 local and express services on the Flushing Line; the B and D express and M and F local services on the Sixth Avenue Line; the E local service on the Eighth Avenue Line; the N express and R and W local services on the Broadway line; and the 42nd Street Shuttle.

According to the general thresholds used by the MTA and specified in the CEQR Technical Manual, a detailed analysis of subway line haul conditions is generally not required if a proposed action is projected to result in fewer than 200 peak-hour trips being assigned to a single subway station or on a subway line, as this level of new demand is considered unlikely to result in significant adverse impacts.

As shown in Table 5, it is estimated that under the RWCDS, all of the Projected Development Sites would generate a combined total of 7,970 and 9,351 new subway trips in the weekday AM and PM peak hours, respectively. Given the number of new subway trips generated by the Proposed Action in each peak hour, one or more of the subway routes serving the proposed rezoning area would potentially experience 200 or more incremental trips in either period. Therefore, subway line haul conditions will be assessed.

Bus Routes

The proposed rezoning area is served by a total of approximately 15 MTA-NYCT local bus routes that operate exclusively within Manhattan, and one local route (Q32) that connects midtown Manhattan to Jackson Heights, Queens via the Ed Koch Queensboro Bridge. In addition, a total of 65 MTA-NYCT, MTA Bus, North Fork Express, Bee-Line Bus, and Monsey Trails express routes connecting Manhattan to New

York City's outer boroughs, Long Island, Westchester and Rockland Counties also operate through the rezoning area, many along Madison and Fifth Avenues which are major north-south bus corridors. As shown in Table 3, Projected Development Sites are expected to generate a net total of approximately 2,108 and 2,507 new bus trips during the weekday AM and PM peak hours, respectively. Based on 2006-2010 American Community Survey reverse journey-to-work data for commuters using buses to travel to workplaces in the study area, it is estimated that approximately 46 percent of these bus trips would be arriving from and departing to points west of the Hudson River and would therefore use the Port Authority Bus Terminal, approximately 33 percent would be arriving from or departing to the outer boroughs, Long Island, or Westchester County and are therefore expected to primarily use express bus routes, and approximately 21 percent of these bus trips would be intra-Manhattan and would therefore occur on local bus routes.

Although the Proposed Action would generate up to 681 and 795 new express bus trips during the AM and PM peak hours, respectively, these trips would be widely distributed among a total of 64 express bus routes. It is therefore unlikely that any one express bus route would experience 50 or more new trips in one direction in any one peak hour. Consequently, the Proposed Action is not expected to result in any significant adverse impacts to express bus services based on *CEQR Technical Manual* criteria, and a detailed analysis of express bus conditions is not warranted. Express bus services operating in proximity to the rezoning area will be discussed qualitatively in the EIS.

Overall, the numbers of new bus trips using the 15 NYCT local bus routes operating within Manhattan are expected to total approximately 439 in the AM peak hour and 609 during the PM peak hour. An additional 20 and 18 trips during these periods, respectively, are also expected to utilize the NYCT Q32 service to/from Queens. Local bus trips generated by the Proposed Action were assigned to each route based on proximity to individual Projected Development Sites and current ridership patterns. Table 6 shows the anticipated numbers of new riders on each local bus route in the AM and PM peak hours. (It should be noted that not all project-generated bus trips would pass through the maximum load point on a given route as some passengers may board after, or disembark prior to, a bus passing through its maximum load point.) According to the general thresholds used by the MTA and specified in the CEQR Technical Manual, a detailed analysis of bus conditions is generally not required if a proposed action is projected to result in fewer than 50 peak-hour trips being assigned to a single bus route (in one direction), as this level of new demand is considered unlikely to result in significant adverse impacts. As shown in Table 6, no local bus route is expected to experience 50 or more new trips in one direction through their maximum load points in one or both peak hours and therefore no detailed bus analysis is required.

Commuter Rail

The number of passengers using commuter rail services would increase by approximately 2,736 during the AM peak hour and 3,199 during the PM peak hour. Based on projections by MTA, approximately 41 percent of passengers are expected to use Metro-North Railroad (MNR) services, 39 percent of railroad passengers will use Long Island Rail Road (LIRR), and the remaining 20 percent will use NJ Transit. Of the passengers using LIRR, approximately 85 percent are expected to use Grand Central Terminal (revenue service is expected in 2022) and 15 percent are expected to use Penn Station.

LIRR is expected to operate 24 12-car trains at Grand Central Terminal during the AM and PM peak hours in 2036. Consequently, the number of additional passengers per railcar will be fewer than five persons during the peak hour, which does not constitute a significant impact. The result is similar for MNR and NJ Transit based on current service; the additional load resulting from the Proposed Action also would be below five per railcar. Therefore, detailed analysis of commuter rail service is not warranted.

Table 6: Net Incremental Peak Hour Local Bus Trips by Route

			AM Peak Hou	ır		PM Peak Ho	ur
Bus Route	Direction	In	Out	Total	ln	Out	Total
N/1	NB	6	2	8	9	48	57
M1	SB	49	8	57	5	10	15
M2	NB	11	4	15	2	20	22
IVIZ	SB	24	2	26	5	9	14
M2	NB	7	3	10	3	22	25
M3	SB	14	1	15	5	10	15
N.4.4	NB	8	3	11	7	41	48
M4	SB	37	5	42	6	11	17
ME	NB	7	3	10	1	11	12
M5	SB	15	1	16	2	5	7
N.17	NB	4	2	6	2	16	18
M7	SB	8	1	9	3	8	11
N44 F	NB	4	2	6	2	12	14
M15	SB	9	1	10	4	6	10
MAE CDC	NB	16	7	23	3	20	23
M15 SBS	SB	34	3	37	7	9	16
1.424	EB	2	1	3	1	6	7
M31	WB	6	0	6	1	2	4
MAG	EB	14	8	22	3	32	35
M42	WB	35	3	38	9	13	22
MEO	EB	2	1	3	1	7	8
M50	WB	6	0	6	2	3	5
N / L 7	EB	1	0	1	0	5	5
M57	WB	2	0	2	1	2	3
M101	NB	12	5	17	7	45	52
M101	SB	26	2	28	16	21	37
N/100	NB	7	3	10	5	30	35
M102	SB	16	1	17	10	14	24
14100	NB	7	3	10	4	24	28
M103	SB	14	1	15	8	12	20
022	EB	5	2	7	1	10	11
Q32	WB	12	1	13	3	4	7

PEDESTRIANS

Under CEQR Technical Manual criteria, detailed pedestrian analyses are generally warranted if a proposed action is projected to result in 200 or more peak hour pedestrians at any sidewalk, corner reservoir area or crosswalk. As shown in Table 3, the proposed rezoning is expected to generate approximately 983 walk-only trips in the weekday AM peak hour, 15,477 in the Midday peak hour and 1,610 in the PM peak hour.

Persons en route to and from subway and commuter rail station entrances, bus stops and parking facilities would add an additional 12,546 pedestrian trips to rezoning area sidewalks and crosswalks in the AM peak hour, 2,539 in the Midday peak hour and 14,716 in the PM peak hour. In the weekday AM and PM peak hours, new pedestrian trips would be most concentrated on sidewalks and crosswalks adjacent to Projected Development Sites as well as along corridors connecting these sites to area subway and commuter rail station entrances. In the midday, pedestrian trips would tend to be more dispersed, as people travel throughout the area for lunch, shopping or errands.

Given the relatively large numbers of pedestrian trips that would be generated by the Proposed Action, a quantitative pedestrian analysis will be provided in the EIS. The analysis will focus on sidewalks, corner areas and crosswalks where new pedestrian demand would be most concentrated and most likely to exceed the 200-trip *CEQR Technical Manual* analysis threshold in one or more peak hours. Analysis locations are likely to include pedestrian elements at intersections along: Second Avenue (at East 42nd and East 43rd Streets), Third Avenue (from East 42nd to East 45th Streets, at East 48th and East 49th Streets, and from East 51st to East 56th Streets), Lexington Avenue (from East 41st to East 53rd Streets), Park Avenue (from East 40th to East 41st Streets and from East 46th to East 50th Streets), Vanderbilt Avenue (from East 43rd to East 45th Streets), Madison Avenue (from East 39th to East 46th Streets), and Fifth Avenue (from 42nd to 45th Streets).

PARKING

Parking demand associated with the office, retail, hotel, and residential land use components was forecasted using the transportation planning factors summarized in Table 2 and 24-hour temporal distributions and in/out splits; overnight parking demand generated by residential developments was forecasted assuming a rate of 0.20 spaces per dwelling unit based on 2010-2014 American Community Survey vehicle ownership data for census tracts in the rezoning area.

Table 7 shows the net incremental hourly parking demand for each land use under the Proposed Action compared to the No-Action Condition. As shown in the table, parking demand generated by the office and retail uses that would be developed by the Proposed Action would typically peak during the Midday hours, whereas the parking demand generated by hotel and residential uses would typically peak during the overnight hours (the net decreases in hotel and residential parking demand reflect net reductions in these land uses in the rezoning area under the RWCDS). Overall, under the Proposed Action, parking demand would increase by 1,432 spaces in the weekday Midday period (12:00-1:00 p.m.) as a result of development on Projected Development Sites.

Study Area and Analysis Periods

The analysis of parking conditions will account for projected changes in parking utilization (supply and demand) in the vicinity of the proposed rezoning area. Since a quarter-mile walk is generally considered the maximum distance from off-site parking facilities to development sites, the parking study area will include an analysis of on- and off-street parking facilities within a quarter-mile radius of the rezoning area. Off-street parking utilization levels will be quantitatively assessed during the weekday midday period, which is the time of maximum parking demand for the new office and retail components. The weekday overnight period will not be analyzed in the EIS since the proposed rezoning is expected to result in a net decrease in parking demand during this time period (due to the net decrease in hotel and residential space). The weekday supply of legal on-street auto parking spaces in the project area is very limited due to the allocation of curbside lanes for commercial vehicle deliveries or additional traffic capacity. For this reason, the analysis of on street parking conditions will be limited to a qualitative description of general on-street

parking utilization levels and the provision of a map showing existing curbside parking regulations within the study area.

Table 7: With-Action Condition Net Incremental Weekday Hourly Parking Accumulation by Land Use

ole /: With-Action	Condition Ne	t incrementa	i weekday Hol	uriy Parking	Accumulation	i by Land Use
Time Period	Office	Local Retail	Destination Retail	Hotel	Residential	Total
12 a.m. – 1 a.m.	0	0	0	-80	-9	-89
1 a.m. – 2 a.m.	0	0	0	-83	-9	-92
2 a.m. – 3 a.m.					-9 -9	
3 a.m. – 4 a.m.	0	0	0	-83		-92
	0	0	0	-83	-9	-92
4 a.m. – 5 a.m.	0	0	0	-83	-9	-92
5 a.m. – 6 a.m.	0	0	0	-83	-9	-92
6 a.m. – 7 a.m.	0	0	0	-83	-9	-92
7 a.m. – 8 a.m.	69	1	0	-82	-8	-20
8 a.m. – 9 a.m.	933	1	1	-69	-6	860
9 a.m. – 10 a.m.	1,578	2	2	-59	-5	1,518
10 a.m. – 11 a.m.	1,518	3	5	-53	-5	1,467
11 a.m. – 12 p.m.	1,492	3	8	-47	-5	1,450
12 p.m. – 1 p.m.	1,479	3	10	-55	-5	1,432
1 p.m. – 2 p.m.	1,488	3	11	-48	-5	1,449
2 p.m. – 3 p.m.	1,523	3	10	-39	-5	1,492
3 p.m. – 4 p.m.	1,587	3	10	-29	-5	1,565
4 p.m. – 5 p.m.	1,132	3	9	-22	-6	1,116
5 p.m. – 6 p.m.	146	3	8	-51	-7	98
6 p.m. – 7 p.m.	24	3	7	-39	-8	-14
7 p.m. – 8 p.m.	7	1	8	-56	-9	-49
8 p.m. – 9 p.m.	0	0	6	-66	-9	-69
9 p.m. – 10 p.m.	0	0	0	-71	-9	-80
10 p.m. – 11 p.m.	0	0	0	-75	-9	-84
11 p.m. – 12 a.m.	0	0	0	-80	-9	-89

 $^{1. \} Parking \ demand \ for \ residential \ land \ use \ based \ on \ 2010-2014 \ 5-year \ American \ Community \ Survey \ data \ on \ average \ vehicles \ per$ household for Census tracts in the rezoning area and forecasts of daily auto trips for this land use.

2. Parking demand for all other land uses derived from forecasts of daily auto trips from these land uses.

Appendix F.2 Modification of Synchro Adjustment Factors



Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac		Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
1ST AVE	WB-R (east)			0.96	0.98						
& E. 42ND ST	EB-L			0.79	0.84						
1ST AVE	EB-LT			L=0.87 T=0.85	L=0.98 T=0.98						
& E. 54TH ST	NB-T					0.86	0.70			1900	1500
1ST AVE	NB-L							0	3	1900	1600
& E. 55TH ST	NB-T					0.86	0.80	0	2		
	EB-L			0.83	0.98						
1ST AVE	EB-T							0	-3		
& E. 57TH ST	NB-T							0	3	1900	1300
	SB-T			0.80	0.85						
2ND AVE	EB-T			0.00	0.00			0	3		
& E. 36TH ST	SWB-L							0	3		
	WB-L							0	3	1900	1000
2ND AVE	WB-T							0	3	1900	1000
& E. 37TH ST	SB-T					0.81	0.70	0	3	1900	1350
Q 2. 0711101	SB-R					0.01	0.70	0	3	1900	1350
2ND AVE	EB-TR							0	3	1900	1200
& E. 38TH ST	SB-T					0.81	0.70	0	3	1900	1400
2ND AVE	_										
	SB-T					0.81	0.70	0	3	1900	1200
& E. 39TH ST	SB-R							0	3	1900	1200
2ND AVE & E. 40TH ST	SB-T					0.81	0.70	0	3	1900	1800
2ND AVE	SB-L			0.94	0.98						
& E. 41ST ST	SB-T			0.94	0.98	0.81	0.70	0	3	1900	1450
Q L. 4131 31	SB-R							0	3	1900	1100
	EB-T					0.95	0.85	0	2		
2ND AVE	WB-LT			0.75	0.80						
& E. 42ND ST	SB-T							0	3	1900	1800
	SB-R							0	3	1900	1800
2ND AVE	SB-T					0.81	0.70	0	2	1900	1800
& E. 43RD ST	SB-R							0	2	1900	1800
2ND AVE & E. 44TH ST	SB-T					0.81	0.70	0	3	1900	1800
	WB-T		I.	I 	I.			0	3	†	
2ND AVE	SB-T					0.81	0.70	0	3	1900	1500
& E. 45TH ST	SB-R					0.01	0.70	0	3	1900	1300
2ND AVE & E. 46TH ST	SB-T					0.81	0.70	0	3	1700	1300
2ND AVE	CD T			0.04	0.00	0.01	0.70	0	2	1000	1650
	SB-T			0.94	0.98	0.81	0.70	0	2	1900	1650
& E. 47TH ST	SB-R			0.70	0.00			U	2	1900	1600
and ave	SB-L			0.70	0.98	0.01	0.70	0	2	1	
2ND AVE	SB-T			0.96	0.98	0.81	0.70	0	2	1000	1050
& E. 48TH ST	EB-T			0.81	0.98					1900	1950
OND AVE	EB-R			0.74	0.98	0.07	0.70		^	1000	1050
2ND AVE	SB-T					0.86	0.70	0	3	1900	1850
& E. 49TH ST	SB-R							0	3	1900	1200
2ND AVE & E. 50TH ST	SB-LT					0.81	0.70	0	3		
<u> </u>			1	I	1	1		_	_	4000	1200
& L. 30111 31	WB-L							0	3	1900	1200
2ND AVE	WB-L WB-T							0	3	1900	1200
						0.81	0.70				

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor		ilization ctor	Lost Adjust			ation Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TC
2ND AVE & E. 52ND ST	SB-T					0.81	0.70	0	3		
2ND AVE	SB-T					0.81	0.70				
& E. 53RD ST	SB-R							0	3	1900	180
2ND AVE	SB-L									1900	18
& E. 54TH ST	SB-LT					0.81	0.70	0	3	1900	18
2ND AVE	SB-T			0.93	0.97	0.81	0.70	0	3	1900	16
& E. 55TH ST	SB-R							0	3	1900	16
OND AVE	EB-T							0	3	1900	14
2ND AVE	EB-R							0	3		
& E. 56TH ST	SB-T					0.81	0.70	0	3	1900	17
	EB-T			0.92	0.98			0	-2	1900	19
	EB-R			0.94	0.98			0	-2	1900	19
AND AVE	WB-LT			0.92	0.98	0.91	1.00	0	-3	1900	20
2ND AVE & E. 57TH ST	WB-T			0.89	0.98	0.91	1.00	0	-2	1900	20
α E. 3/1Π 31	SB-L	0	5					0	3	1900	10
	SB-T							0	1		
	SB-R							0	3		
2ND AVE	SB-L							0	3		
& E. 59TH ST	SB-T					0.81	0.70	0	3	1900	16
& L. 3711131	EB-L			0.92	0.98			0	-2	1900	20
	SB-T					0.81	0.70	0	1		
2ND AVE & E. 60TH ST	NWB-L							0	3	1900	10
α L. 0011131	NWB-T							0	3	1900	12
TUNNEL EXIT ST	WB-T	5	0	0.95	0.98			0	-1		
& E. 39TH ST	WB-R	5	0								
& L. 37111 31	NB-T							0	3	1900	18
3RD AVE	EB-T							0	3	1900	10
& E. 36TH ST	NB-T					0.76	0.70	0	3	1900	15
3RD AVE & E. 37TH ST	NB-T					0.86	0.70	0	3	1900	18
3RD AVE	NB-T					0.86	0.70	0	3	1900	17
& E. 38TH ST	NB-R							0	3	1900	17
	WB-T							0	3	1900	18
3RD AVE	WB-R	1						0	3	1900	12
& E. 39TH ST	NB-LT					0.86	0.70	0	3	1900	14
	NB-T							0	3	1900	14
3RD AVE	NB-T					0.86	0.70	0	3	1900	14
& E. 40TH ST	NB-R							0	3	1900	14
	EB-LT							0	3	1900	15
3DD W/E	EB-T							0	3	1900	15
3RD AVE & E. 41ST ST	WB-R							0	2	1900	16
α L. 4131 31	NB-T					0.86	0.70	0	3	1900	15
	NB-R						-	0	3	1900	10
3RD AVE	EB-L			0.96	0.98			0	-2	1900	20
& E. 42ND ST	EB-T			0.90	0.95						
3RD AVE	WB-T							0	3	1900	16
& E. 43RD ST	WB-R							0	3	1900	16
3RD AVE & E. 44TH ST	NB-T					0.86	0.80				
	WB-T	l						0	3	1900	10
3RD AVE	WB-R	t						0	3	1900	15
& E. 45TH ST	NB-T	1						0	-2	1.750	- 10

Intersection	Approach Movement	Par Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac	ilization ctor	Lost Adjus		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
3RD AVE & E. 46TH ST	NB-T					0.86	0.80				
3RD AVE	WB-R			0.78	0.80			0	3	1900	10
& E. 47TH ST	WB-T	ł		0.76	0.60			0	3	1900	10
3RD AVE	VVD-1							U	J	1700	10
& E. 48TH ST	NB-T					0.86	0.80				
		-									
3RD AVE & E. 49TH ST	WB-T					0.95	0.70	0	3	1900	10
3RD AVE	NB-T							0	3	1900	18
& E. 50TH ST	NB-R					0.86	0.80	0	3	1900	13
3RD AVE	WB-T							0	3	1900	10
& E. 51ST ST	WB-R							0	3	1900	10
3RD AVE	EB-T							0	3		
& E. 52ND ST	NB-T					0.86	0.80	0	3	1900	18
	WB-T							0	3	1900	16
3RD AVE	WB-R	1						0	3	1900	16
& E. 53RD ST	NB-T					0.86	0.80				
	EB-T							0	3	1900	18
3RD AVE	NB-T					0.86	0.80	0	3	1900	18
& E. 54TH ST	NB-R					0.00	0.00	0	3	1900	17
	WB-T							0	3	1900	13
3RD AVE	WB-R							0	3	1900	10
& E. 55TH ST	NB-T					0.86	0.80	0	3	1700	10
	EB-LT			0.74	0.95	0.00	0.00	Ŭ			
3RD AVE	EB-T			0.73	0.75						
& E. 56TH ST	NB-T			0.73	0.75			0	3	1900	18
	EB-LT							U	<u> </u>	1900	11
RD AVE (Service)	EB-T							0	3	1900	11
& E. 56TH ST	NB-T							0	3	1900	18
& L. 3011131	NB-TR							U	<u> </u>	1900	18
3RD AVE	NB-TK							0	2	1900	
& E. 57TH ST	NB-L1					0.91	0.80	0	3	1900	16 16
α L. 3/11131				0.00	0.00	0.91	0.60				
BRD AVE (Service)	WB-R	-		0.92	0.98	0.05	0.00	0	<u>-2</u>	1900	20
& E. 57TH ST	NB-TR	1				0.95	0.80	0	3	1900	18
2DD AVE	NB-R					0.95	0.80	0	3	1900	18
3RD AVE	EB-LT	1		0.70	0.00			0	3	1900	16
& E. 59TH ST	NB-R	-		0.68	0.80]				1	
LEXINGTON AVE & E. 36TH ST	SB-TL							0	3	1900	18
LEXINGTON AVE & E. 38TH ST	SB-T					0.91	0.74				
	WB-L							0	3	1900	15
LEXINGTON AVE	WB-T	Ì						0	3	1900	15
& E. 39TH ST	SB-T					0.91	0.74	0	3		
	SB-R	1						0	3	1900	11
	EB-T							0	3	1900	15
LEXINGTON AVE	EB-R			0.79	0.98					1900	20
& E. 40TH ST	SB-T			0.86	0.95	0.91	0.74	0	3	.,,,,	20
	EB-TR			2.00	2.70			0	2		
LEXINGTON AVE	SB-L	1						0	3	1900	16
& E. 42ND ST	SB-T	 				0.91	0.74	0	3	1900	17
5 LLIID 01	SB-R	 				0.71	0.74	0	3	1900	10

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac		Lost Adjus			ation Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	Ţ
LEXINGTON AVE & E. 44TH ST	SB-T					0.91	0.74				
LEXINGTON AVE	SB-T					0.91	0.74	0	3	1900	18
& E. 45TH ST	SB-R							0	3	1900	10
LEXINGTON AVE & E. 46TH ST	SB-T					0.91	0.74	0	3	1900	18
LEXINGTON AVE	WB-L			0.78	0.80						
& E. 47TH ST	SB-T					0.91	0.74	0	2		
& L. 4711131	SB-R							0	3		
LEXINGTON AVE	EB-T			0.75	0.80			0	3	1900	17
& E. 48TH ST	SB-T					0.91	0.80				
LEVINCTON AVE	WB-L							0	2		
LEXINGTON AVE & E. 49TH ST	SB-T					0.91	0.74	0	1		
& E. 491H 31	SB-R							0	3	1900	10
LEXINGTON AVE	EB-T							0	3	1900	11
& E. 50TH ST	SB-T	Ī				0.91	0.74	0	3		
	WB-L			0.74	0.80						
LEXINGTON AVE	SB-T					0.91	0.74				
& E. 51ST ST	SB-R			0.78	0.80						
	EB-T							0	3	1900	18
LEXINGTON AVE	EB-R			0.75	0.80					1700	
& E. 52ND ST	SB-T			0.70	0.00	0.91	0.74				
	WB-L					0171	017.1	0	3		
LEXINGTON AVE	WB-T							0	3		
& E. 53RD ST	SB-T					0.91	0.74	0	3	1900	15
a 2, 00112 01	SB-R					0.71	0.71	0	3	1900	14
	EB-T							0	3	1900	16
LEXINGTON AVE	EB-R							0	3	1900	16
& E. 54TH ST	SB-T					0.91	0.78	0	3	1900	17
LEXINGTON AVE	SB-T					0.91	0.78	0	3	1900	17
& E. 55TH ST	SB-R					0.71	0.70	0	3	1900	17
LEXINGTON AVE	3D-IX							U	J	1700	17
& E. 56TH ST	SB-T							0	2	1900	18
LEXINGTON AVE	EB-T					0.95	0.75	0	3	1900	15
& E. 57TH ST	EB-R			0.79	0.80						
LEXINGTON AVE	SB-LT			0.60	0.80					1900	17
& E. 57TH ST	SB-T					0.91	0.75	0	1	1900	17
	SB-R							0	1	1900	17
PARK AVE NB & E. 38TH ST	NB-T							0	3	1900	17
PARK AVE NB & E. 39TH ST	WB-TR			0.95	0.98			0	-1		
PARK AVE SB & E. 39TH ST	WB-T/L			0.75	0.80						
PARK AVE NB	EB-T							0	3	1900	12
& E. 40TH ST	NB-TR	Ī						0	3	1900	15
PARK AVE SB	EB-TR	1		0.80	0.95			0	-2		
& E. 40TH ST	SB-T			0.95	0.98			0	-2		
PARK AVE NB & E. 46TH ST	EB-LT							0	3	1900	12

Intersection	Approach Movement		king ers (#/hr)	Peak Ho	ur Factor		ilization ctor	Lost Adjus		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
PARK AVE SB	EB-R							0	3	1900	14
& E. 46TH ST	SB-L							0	3	1900	1
α L. 4011131	SB-T							0	3	1900	15
PARK AVE NB	WB-T							0	3		
& E. 47TH ST	WB-R							0	3		
	WB-T							0	3		
PARK AVE SB	SB-T							0	3	1900	1
& E. 47TH ST	EB-T							0	3	1900	10
	NB-T	1				0.91	0.74	0	3		
	EB-T							0	3	1900	15
PARK AVE SB	EB-R							0	3	1900	1!
& E. 48TH ST	SB-L							0	3	1900	10
	SB-T					0.95	0.75	-			
	WB-T							0	3		
PARK AVE NB	WB-R							0	3	1900	1(
& E. 49TH ST	NB-L							0	3	1900	10
a 21 17111 0 1	NB-T							0	3	1700	
PARK AVE SB	WB-T							0	1	1900	18
& E. 49TH ST	SB-T					0.91	0.74	0	3	1900	18
PARK AVE NB	NB-T					0.91	0.74	0	3	1900	18
& E. 50TH ST	NB-TR					0.71	0.74	0	3	1900	1
PARK AVE SB	ND-1K							U	J	1700	- 1
& E. 50TH ST	SB-L							0	-2	1900	2
	WB-T							0	3		
PARK AVE NB	WB-R							0	3	1900	1
& E. 51ST ST	NB-L							0	3		
	NB-T							0	2		
PARK AVE SB	WB-T							0	3	1900	1
& E. 51ST ST	SB-T					0.91	0.74				
PARK AVE NB & E. 52ND ST	NB-T					0.91	0.78	0	3		
	WB-T							0	3	1900	18
PARK AVE NB	WB-R							0	3	1900	10
& E. 53RD ST	NB-L							0	3		
	NB-T							0	3		
	WB-L			0.80	0.95						
PARK AVE SB	WB-T			0.80	0.95						
& E. 53RD ST	SB-T					0.91	0.78	0	1		
	EB-L							0	3	1900	1(
PARK AVE NB	EB-T							0	3	1900	1
& E. 54TH ST	NB-T					0.91	0.74	0	3	.,,,,	<u> </u>
-	NB-R	1						0	3		
	EB-T					0.95	0.75	0	3	1900	1.
PARK AVE SB	SB-L	1				0.70	0.70	0	3	1900	10
& E. 54TH ST	SB-T	1						0	<u>J</u>	1700	<u> </u>
PARK AVE NB	NB-L							0	3	1900	1
& E. 55TH ST	NB-T	1						0	3	1900	1
u L. 3011131	WB-T							0	3	1900	1
PARK AVE SB	SB-T	1				0.91	0.74	0	3	1700	- 11
& E. 55TH ST	SB-T	1				0.71	0.74	0	3	1	
DADK VALL VID						0.01	0.74			1000	1
PARK AVE NB & E. 56TH ST	NB-T NB-TR	-				0.91	0.74	0	3	1900	1

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Hou	ur Factor	Lane Ut Fac	ilization ctor	Lost Adjust		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
	EB-T					0.95	0.75	0	3	1900	17
PARK AVE NB	NB-L							0	3		
& E. 57TH ST	NB-T							0	3	1900	18
	NB-R							0	3		
PARK AVE SB	WB-T					0.95	0.75				
& E. 57TH ST	VVD-1					0.73	0.75				
MADISON AVE	NB-LT									1900	16
& E. 39TH ST	NB-T					0.91	0.75	0	3	1900	16
MADISON AVE	EB-T							0	2		
& E. 40TH ST	NB-T					0.91	0.74	0	3	1900	16
MADISON AVE	NB-T					0.91	0.74	0	3	1900	16
& E. 41ST ST						0.71	0.74	U	J		
	EB-LT									1900	17
	EB-T					0.95	0.85	0	2	1900	17
MADISON AVE	WB-T					0.95	0.75	0	2	1900	17
& E. 42ND ST	WB-R				2			0	3	1900	10
	NB-L			0.67	0.80						
	NB-T			0.70	0.00	0.95	0.82			1000	4.0
144510011 1145	NB-R			0.79	0.80			0	3	1900	10
MADISON AVE	NB-L					0.05	0.05	0	3	1900	15
& E. 43RD ST	NB-T	ļ		0.74	0.00	0.95	0.85	0			
MADICON AVE	EB-L			0.71	0.80			0	-2	1000	4.0
MADISON AVE	EB-T	-		0.67	0.80			0	3	1900	16
& E. 48TH ST	NB-T	-		0.77	0.00			0	3		
MADICON AVE	NB-R			0.66	0.80			0	3	1000	10
MADISON AVE & E. 49TH ST	NB-L NB-T	-				0.95	0.90	U	3	1900	10
MADISON AVE				0.05	0.00	0.95	0.90	0	2	1000	20
& E. 53RD ST	WB-TR NB-L			0.95	0.98			0	-2 3	1900 1900	20
MADISON AVE	ND-L							U	J	1700	10
& E. 54TH ST	NB-R							0	3	1900	10
5TH AVE											
& 38TH ST	SB-TL					0.86	0.75	0	3	1900	18
	WB-L			0.78	0.80						
5TH AVE	SB-T	 		0.70	0.00	0.86	0.75	0	2	1900	18
& 39TH ST	SB-R	1		0.76	0.80	0.00	0.73	J		1700	10
	EB-T	 		0.77	0.86					<u> </u>	
5TH AVE	SB-L	1		5.77	0.00	0.86	0.75			1900	17
& 40TH ST	SB-T					2.00	2.70			1900	17
	EB-T					0.95	0.75			1	
5T11 AL :-	EB-R	i e		0.63	0.80	3.70	30				
5TH AVE	WB-T					0.95	0.85	0	2	1900	17
& 42ND ST	SB-T					0.86	0.75	0	3	1900	17
	SB-R			0.56	0.80			0	3	1900	17
5TH AVE & 43RD ST	SB-T					0.81	0.75	0	3		
5TH AVE & 44TH ST	SB-T					0.86	0.75				
5TH AVE	SB-T					0.86	0.75	0	3		
& 47TH ST	SB-R							0	3		
5TH AVE	EB-R							0	-2		
& 48TH ST	SB-T	1		1		0.86	0.75	1		1	

Intersection	Approach Movement	Parl Maneuve		Peak Ho	ur Factor	Lane Ut Fac	ilization ctor		Time tment	Satur Flow	ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
5TH AVE	SB-T					0.86	0.75	0	3	1900	1700
& 49TH ST	SB-R							0	3	1900	1000
5TH AVE & 54TH ST	SB-T					0.86	0.75	0	3	1900	1800
5TH AVE	EB-T					0.95	0.75	0	3	1900	1700
& 57TH ST	SB-T					0.86	0.75	0	3	1900	1500
Q 3/111 31	SB-R							0	3	1900	1000
6TH AVE	EB-T							0	3	1900	1700
& W. 48TH ST	NB-T					0.81	0.70				
6TH AVE & W. 49TH ST	NB-T					0.81	0.70	0	3	1900	1500

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac		Lost i Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TC
1ST AVE & E. 42ND ST	EB-L (West)			0.76	0.98			0	-3	1900	205
1ST AVE & E. 55TH ST	NB-L							0	3	1900	170
1ST AVE & E. 57TH ST	EB-LT			L=0.76 T=0.82	L=0.97 T=0.92					1900	20
2ND AVE	EB-T					0.91	0.78				
& E. 36TH ST	SB-T							0	3	1900	16
2ND AVE & E. 37TH ST	SB-T					0.81	0.7	0	3	1900	18
2ND AVE & E. 38TH ST	SB-T					0.81	0.70	0	3	1900	16
2ND AVE & E. 39TH ST	SB-T					0.86	0.70	0	3	1900	16
2ND AVE	EB-T							0	3	1900	17
& E. 40TH ST	EB-R							0	2	1900	17
	SB-T					0.81	0.70	0	3	1900	15
2ND AVE	SB-T					0.81	0.7	0	3	1900	14
& E. 41ST ST	SB-R							0	3	1900	12
2ND AVE	SB-L							0	3	1900	16
& E. 42ND ST	SB-T							0	3	1900	16
	SB-R							0	3	1900	15
2ND AVE & E. 43RD ST	SB-T					0.86	0.8	0	3	1900	17
2ND AVE	EB-TR							0	2	1900	18
& E. 44TH ST	SB-T							0	3	1900	16
2ND AVE & E. 45TH ST	SB-T					0.86	0.8	0	3	1900	17
2ND AVE	EB-TR							0	-2		
& E. 46TH ST	SB-T					0.81	0.7	0	2	1900	18
2ND AVE	SB-T					0.81	0.7	0	1		
& E. 47TH ST	SB-R									1900	10
2ND AVE	EB-T			0.86	0.89	0.01	0.75	0	2		
& E. 48TH ST 2ND AVE	SB-T			0.94	0.95	0.81	0.75	0	3		
& E. 50TH ST	SB-T					0.81	0.75	0	3	1900	18
2ND AVE & E. 54TH ST	SB-T					0.81	0.7	0	3	1900	17
2ND AVE	WB-T							0	3	1900	13
& E. 55TH ST	SB-T					0.81	0.7	0	3	1900	15
-	SB-R			6.0=	0.05			0	3	1900	15
OND AVE	EB-T	ļ		0.95	0.98			0	-2		
2ND AVE & E. 56TH ST	EB-TR			0.95	0.98			0	2	1000	15
α L. 501Π SI	SB-LT SB-T	-				0.81	0.75	0	3	1900 1900	15
	EB-T	 		0.83	0.98	0.81	1.00	0	-2	1900	20
	EB-R			0.63	0.98	0.70	1.00	U	-2	1700	20
	WB-L			0.73	0.98						
2ND AVE	WB-T			0.78	0.98			0	-2	1900	20
& E. 57TH ST	SB-L			0.69	0.80					1	
	SB-T	Ì				0.86	0.8				
	SB-R	Ī						0	-2	1900	20

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac	ilization ctor	Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
2ND AVE	SB-T			0.86	0.94						
& E. 59TH ST	EB-L							0	3		
AND AVE	SB-T			0.88	0.92						
2ND AVE	NWB-L							0	3	1900	100
& E. 60TH ST	NWB-T							0	3	1900	100
TUNNEL EVIT OT	WB-T							0	3	1900	160
TUNNEL EXIT ST	NB-L							0	3	1900	100
& E. 39TH ST	NB-T					0.95	0.7	0	3	1900	100
3RD AVE											
& E. 36TH ST	NB-T							0	3	1900	120
3RD AVE											
& E. 37TH ST	NB-T					0.86	0.7	0	3	1900	170
3RD AVE	NB-T					0.86	0.7	0	3	1900	180
& E. 38TH ST	NB-R					0.00	0.7	U		1900	180
Q E. 3011131	WB-T	5	10					0	3	1900	115
3RD AVE	WB-R	0	5					0	3	1900	100
& E. 39TH ST	NB-T	5	10			0.86	0.7	0	3	1900	145
3RD AVE		3	10								
	NB-T					0.86	0.7	0	3	1900	120
& E. 40TH ST	NB-R							0		1900	140
	EB-L							0	3	1900	140
3RD AVE	EB-T							0	3	1900	140
& E. 41ST ST	WB-R					0.07	0.70	0	3	1900	130
	NB-T					0.86	0.70	0	3	1900	160
	NB-R							0	3	1900	10
	EB-T							0	3	1900	16
3RD AVE	WB-R			0.85	0.98			0	-2		
& E. 42ND ST	NB-T							0	3		
	NB-R							0	3	1900	150
3RD AVE	WB-TR							0	2		
& E. 43RD ST	NB-T					0.86	8.0	0	3		
3RD AVE & E. 44TH ST	NB-T					0.86	0.7	0	2		
3RD AVE	WB-T							0	3	1900	100
& E. 45TH ST	NB-T					0.86	0.80	0	1		
3RD AVE	NB-T					0.86	0.70	0	3		
& E. 46TH ST	NB-R			0.95	0.98			0	-2	1900	20!
	WB-T							0	3	1900	100
3RD AVE	WB-R			0.73	0.8			0	3	1900	100
& E. 47TH ST	NB-T			2.70		0.86	0.8	0	1	1,00	
3RD AVE	NB-T					0.86	0.7	0	3	1900	180
& E. 48TH ST	NB-R					0.00	0.7	0	3	1900	150
3RD AVE	NDIX									1700	13
& E. 49TH ST	NB-T					0.86	0.8	0	3	1900	180
3RD AVE	NB-T					0.86	0.75	0	2	1900	150
& E. 50TH ST	NB-R							0	3	1900	10!
3RD AVE	WB-T							0	3	1900	100
& E. 51ST ST	WB-R							0	3	1900	10
a L. JIJI JI	NB-T					0.86	0.8	0	1		
3RD AVE	EB-T							0	3	1900	16
& E. 52ND ST	NB-T					0.86	0.8	0	2	1900	16
3RD AVE	WB-T							0	3	1900	17
& E. 53RD ST	NB-T	İ				0.86	0.75	0	3	1	

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac		Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TC
3RD AVE	EB-T							0	3	1900	160
& E. 54TH ST	NB-T					0.86	0.75	0	3	1900	170
& L. 54111 51	NB-R							0	3	1900	160
3RD AVE	WB-T							0	3	1900	100
& E. 55TH ST	WB-R							0	3	1900	110
	NB-T					0.86	0.75	0	3		
3RD AVE & E. 56TH ST	NB-TR					0.95	0.8				
3RD AVE (Service)	EB-T							0	3	1900	14
& E. 56TH ST	NB-T					0.95	0.85	0	3	1900	11
2DD AVE	EB-LT			0.58	0.8			0	1		
3RD AVE	WB-T					0.95	0.85	0	3	1900	14
& E. 57TH ST	NB-T					0.91	0.75	0	3	1900	15
2DD AVE (C	WB-T					0.95	0.85	0	3	1900	17
3RD AVE (Service) & E. 57TH ST	NB-TR					0.95	0.8	0	2	1900	16
& E. 3/111 S1	NB-R					0.95	0.8	0	2	1900	10
3RD AVE & E. 59TH ST	EB-T							0	3	1900	11
LEXINGTON AVE & E. 36TH ST	SB-T							0	3	1900	16
LEXINGTON AVE & E. 38TH ST	SB-T							0	3	1900	16
3. 2. 33 3.	WB-L							0	3	1900	11
LEXINGTON AVE	WB-T							0	3	1900	13
& E. 39TH ST	SB-T					0.91	0.7	0	3	1900	16
	SB-R							0	3	1900	15
LEXINGTON AVE & E. 40TH ST	SB-L					0.91	0.75	0	3	1900	17
	EB-T			0.72	0.8	0.95	0.85	0	3	1900	18
	EB-R			0.72	0.0	0.70	0.00	0	3	1900	18
LEXINGTON AVE	WB-L			0.38	0.8						
& E. 42ND ST	SB-L							0	3	1900	18
	SB-T					0.86	0.7	0	3	1900	18
	SB-R					0.86	0.7	0	3	1900	18
LEXINGTON AVE & E. 44TH ST	SB-T					0.91	0.7	0	3	1900	16
LEXINGTON AVE	WB-LT			0.68	0.80						
& E. 45TH ST	SB-T					0.91	0.7	0	3	1900	16
LEXINGTON AVE & E. 46TH ST	SB-T					0.91	0.7	0	3	1900	17
3 20.1101	WB-L							0	3	1900	17
LEXINGTON AVE	WB-T			 				0	3	1900	12
& E. 47TH ST	SB-T					0.91	0.7	0	3	1900	18
	SB-R			0.75	0.98	5.71	0.7	0	2	1900	20
	EB-T			3.70	5.70			0	3	1900	10
LEXINGTON AVE	EB-R			0.92	0.95				3	1,700	10
& E. 48TH ST	SB-LT			0.67	0.8			†			
	SB-T			0.07	0.0	0.91	0.75	0	1		
	WB-LT			0.47	0.8			<u> </u>	•		
LEXINGTON AVE	WB-T			3.17	0.0			0	2	1	
& E. 49TH ST	SB-T					0.91	0.7	0	3	1900	16
=	SB-R			0.76	0.80	5.71	0.7	0	3	1900	10

Intersection	Approach Movement	Parl Maneuve		Peak Ho	ur Factor	Lane Ut Fac	ilization ctor	Lost Adjus		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
LEXINGTON AVE & E. 50TH ST	SB-T					0.91	0.70	0	2		
	WB-L							0	2		
LEXINGTON AVE	WB-T	5	10					0	3	1900	10
& E. 51ST ST	SB-T					0.91	0.70	0	2	1900	1!
	SB-R							0	3		
LEXINGTON AVE & E. 52ND ST	SB-T					0.91	0.75	0	3		
LEXINGTON AVE	WB-L							0	3		
& E. 53RD ST	SB-T					0.91	0.7	0	3	1900	10
& L. JJKD 31	SB-R							0	3	1900	10
LEXINGTON AVE & E. 54TH ST	SB-T					0.91	0.75	0	3	1900	18
LEVINCTON AVE	WB-T							0	3	1900	1(
LEXINGTON AVE & E. 55TH ST	SB-T					0.91	0.70	0	3	1900	17
u ∟. JJ∏ J	SB-R			0.72	0.8			0	3	1900	14
LEXINGTON AVE & E. 56TH ST	SB-T					0.91	0.75	0	2		
	EB-T							0	3	1900	10
	WB-L			0.5	0.8						
LEXINGTON AVE	WB-T					0.95	0.8	0	3	1900	15
& E. 57TH ST	SB-L			0.69	8.0						
	SB-T					0.91	0.7	0	3	1900	17
	SB-R							0	3	1900	15
PARK AVE NB & E. 38TH ST	NB-TR							0	3	1900	10
PARK AVE NB	WB-T	10	5	0.88	0.95			0	1		
& E. 39TH ST	WB-R	10	5	0.88	0.95						
PARK AVE NB	EB-T							0	3	1900	10
& E. 40TH ST	NB-T							0	3	1900	17
PARK AVE SB	EB-TR							0	3	1900	18
& E. 40TH ST	SB-T			0.97	0.98			0	-2		
&	EB-LT							0	3	1900	1(
E ANTH ST	NB-TR							0	3	1900	17
PARK AVE NB	EB-L			0.85	0.8			0	3	1900	10
& E. 46TH ST	EB-T							0	3	1900	1;
	NB-T					6.50		0	3		-
DADK AVE CO	EB-T	0	5			0.95	0.70	0	3	1900	15
PARK AVE SB	EB-R	<u> </u>						0	3	1900	10
& E. 46TH ST	SB-L					0.05	0.05	0	3	1900	10
	SB-T			0.05	0.0	0.95	0.85	0	3	1900	15
	WB-T	-		0.95	0.8			0	3	1900	1:
PARK AVE NB & E. 47TH ST	WB-R NB-L			0.95	0.8			0	3	1900	10
α L. 4/11131	NB-L NB-T					0.95	0.9	0	2	1900	1
PARK AVE SB	WB-T	 				0.70	0.9	0	3	1900	10
& E. 47TH ST	SB-T	 				0.91	0.8	0	3	1900	1
u L. 7/11101	EB-T	 				0.71	0.0	0		1900	1
PARK AVE NB	NB-T	<u> </u>				0.91	0.8	0	3	1900	1
& E. 48TH ST	NB-R					U.71	0.0	0	3	1700	10
	EB-R							0	3	1900	1(
PARK AVE SB	SB-L							0	3	1900	14
& E. 48TH ST	2D-L							U	J	1700	

Intersection	Approach Movement		king ers (#/hr)	Peak Hou	ır Factor	Lane Ut Fac		Lost [*] Adjust		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
	WB-T							0	3		
PARK AVE NB	WB-R							0	3		
& E. 49TH ST	NB-L							0	3	1900	10
	NB-T					0.95	0.9	0	2		
PARK AVE SB	WB-T							0	3		
& E. 49TH ST	SB-T					0.91	0.8	0	2	1900	1!
PARK AVE NB	EB-T							0	1	1900	1.
& E. 50TH ST	NB-T							0	3		
	EB-T							0	3	1900	1.
PARK AVE SB	EB-R							0	3	1900	1:
& E. 50TH ST	SB-L							0	3	1900	10
	SB-T							0	3	1900	1
	WB-T							0	3	1900	10
PARK AVE NB	WB-R							0	3	1900	1
& E. 51ST ST	NB-LT							0	3	1900	1
	NB-T							0	3	1700	
PARK AVE SB	WB-T							0	3	1900	1
& E. 51ST ST	SB-T					0.91	0.8	0	3	1900	1
PARK AVE NB	EB-LT					0.7.	0.0	0	3	1900	1
& E. 52ND ST	NB-T							0	3	1900	1
Q E. 3211D 31	EB-T							0	3	1900	1
PARK AVE SB	EB-R			0.74	0.8			U	J	1700	
& E. 52ND ST	SB-L			0.69	0.8			0	3	1900	1
& L. JZIND JT	SB-T			0.07	0.0			0	3	1900	1
	WB-R							0	3	1900	1.
PARK AVE NB	NB-L							0	3	1900	1
& E. 53RD ST	NB-T							0	3	1900	1
DADV AVE CD	WB-T							0		_	1.
PARK AVE SB & E. 53RD ST	SB-T					0.91	0.70	0	3	1900	- 13
α L. 33ND 31						0.91	0.70				
PARK AVE NB	EB-LT EB-T			0.74	0.0			0	3		
& E. 54TH ST	NB-T			0.74	0.8			0	3	1900	1
				0.7/	0.0			0	3	1900	1
PARK AVE SB	EB-T SB-L			0.76	0.8			0	2	1000	-1
& E. 54TH ST	SB-L SB-T			0.66	0.8			0	3	1900 1900	1
				0.70	0.0					+	
DADK AVE ND	WB-T			0.78	0.8			0	3	1900	1.
PARK AVE NB	WB-R	1		0.78	0.8					1000	_
& E. 55TH ST	NB-L			0.67	8.0			0	2	1900	1
	NB-T							0	1	1900	1
DADK 41:= 05	WB-L			0.35	8.0					4655	L,
PARK AVE SB	WB-T					0.01		0	3	1900	1
& E. 55TH ST	SB-T	ļ		0.70	0.0	0.91	0.7	0	3	1900	1
	SB-R			0.79	0.8					1	
PARK AVE NB	EB-T							0	2	1900	1
& E. 56TH ST	NB-T					0.91	0.85	0	3	1900	1
PARK AVE SB	EB-TR							0	3	1900	1!
& E. 56TH ST	SB-L							0	3	1900	1!
2. 00.1101	SB-T					0.95	0.85	0	3		

Intersection	Approach Movement	Parl Maneuve		Peak Ho	ur Factor	Lane Ut Fac		Lost Adjus	Time tment		ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TC
	EB-LT			0.44	0.8						
	EB-T					0.95	0.70	0	3	1900	180
PARK AVE NB	WB-T					0.95	0.75	0	3	1900	115
& E. 57TH ST	WB-R			0.71	8.0			0	3		120
u 2. 07 111 01	NB-L							0	3	1900	12
	NB-T							0	3	1900	17
	NB-R			0.74	0.8			0	3	1900	12
	EB-T					0.95	0.8	0	2	1900	15
PARK AVE SB	EB-R							0	3	1900	12
& E. 57TH ST	WB-T					0.95	0.8	0	3	1900	12
a 2. 07 01	SB-L			0.63	0.8						
	SB-T							0	3	1900	15
MADISON AVE	WB-T							0	3	1900	16
& E. 39TH ST	WB-R			0.95	0.98						
	NB-T					0.91	0.75	0	3	1900	17
MADISON AVE & E. 40TH ST	NB-T					0.91	0.7	0	1	1900	17
MADISON AVE & E. 41ST ST	NB-TR					0.91	0.7	0	3	1900	17
	EB-LT			0.44	0.8						
	EB-T					0.95	0.9	0	3	1900	17
MADISON AVE	WB-T					0.95	0.9	0	3	1900	16
& E. 42ND ST	WB-R							0	3	1900	10
& L. 42ND 31	NB-LT			0.43	8.0						
	NB-T					0.95	0.9	0	3	1900	17
	NB-R			0.73	8.0			0	3	1900	10
	WB-T							0	3	1900	11
MADISON AVE	WB-R							0	3	1900	14
& E. 43RD ST	NB-L							0	3	1900	16
	NB-T							0	3	1900	17
MADISON AVE	EB-L			0.25	0.8						
& E. 46TH ST	NB-T							0	3	1900	16
MADICON AVE	EB-T							0	3		
MADISON AVE	NB-T							0	3		
& E. 48TH ST	NB-R			0.57	0.8			0	3		
MADICON AVE	WB-T					0.95	0.8	0	3	1900	11
MADISON AVE	NB-L							0	3	1900	18
& E. 49TH ST	NB-T							0	3	1900	18
MADISON AVE	NB-L							0	3		
& E. 53RD ST	NB-T					0.95	0.9	0	3	1900	18
	EB-T					0.95	0.7			1900	12
MADISON AVE	NB-T					0.95	0.8	0	3	1900	17
& E. 54TH ST	NB-R					2170		0	3	1900	10
	EB-R			0.86	0.98			0	-2	1900	20
5TH AVE	EB-T			0.00	0.70			0	3	1900	17
& 38TH ST	SB-T					0.86	0.8	0	3	1900	17
5TH AVE	WB-T					0.95	0.7	0	3	1900	11
& 39TH ST	SB-T					0.86	0.8	0	3	1,700	<u> </u>
5TH AVE	EB-TR			T=0.84 R=0.84	T=0.93 R=0.93	0.00	0.0		J		
& 40TH ST	SB - LT			K=U.04	K=0.93	0.86	0.8	0	3	+	

Intersection	Approach Movement	Parl Maneuve	king	Peak Hou		Lane Ut Fac	ilization ctor	Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
	WB-LT			0.38	0.8						
5TH AVE	WB-T					0.95	0.9	0	3	1900	1600
& 42ND ST	SB-T					0.86	0.70	0	3	1900	1600
	SB-R			0.40	0.80			0	3	1900	1000
	WB-L							0	3	1900	1600
5TH AVE	WB-T							0	3	1900	1600
& 43RD ST	SB-T					0.81	0.7	0	3		
	SB-R					0.81	0.70	0	3	1900	1700
5TH AVE & 44TH ST	SB-T					0.86	0.7	0	3	1900	1800
5TH AVE	SB-T					0.86	0.7	0	3	1900	1800
& 47TH ST	SB-R							0	3	1900	1800
5TH AVE & 48TH ST	SB-T					0.86	0.7				
5TH AVE	SB-T					0.86	0.7	0	3	1900	1600
& 49TH ST	SB-R							0	3	1900	1000
5TH AVE	EB-TR					0.95	0.7	0	3	1900	1300
& 54TH ST	SB-T					0.86	0.7	0	3	1900	1800
	EB-T					0.95	0.7	0	3	1900	1800
	EB-R							0	3		
5TH AVE	WB-L			0.70	0.80						
& 57TH ST	SB-L			0.65	0.80						
	SB-T					0.86	0.70	0	2	1900	1800
	SB-R							0	2		
6TH AVE	EB-T							0	3	1900	1800
& W. 48TH ST	NB-T					0.81	0.7	0	3		
6TH AVE & W. 49TH ST	NB-T					0.81	0.70	0	3	1900	1200

Intersection	Approach Movement		king ers (#/hr)	Peak Ho	ur Factor		ilization ctor	Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	T
1ST AVE & E. 40TH ST	NB-T			0.81	0.84						
1ST AVE	EB-L (West)			0.88	0.97					1900	20
& E. 42ND ST	WB-R (East)			0.87	0.93						
1ST AVE	EB-L			0.78	0.85						
& E. 46TH ST	NB-T					0.91	0.75			1900	18
1ST AVE & E. 47TH ST	NB-T (East)					0.95	0.85				
1ST AVE	ED 1 F			L=0.88	L=0.98						
& E. 54TH ST	EB-LT			T=0.79	T=0.98						
	EB-T					0.86	0.60	0	3	1900	1(
2ND AVE	SB-L							0	3	1900	10
& E. 36TH ST	SB-T							0	3	1900	1.
	WB-L							0	3		
2ND AVE	WB-T							0	3		
& E. 37TH ST	SB-R							0	1	1900	1!
	SB-T					0.81	0.70	0	1	1700	
2ND AVE	EB-TR					0.0.	0.70	0	3	1900	18
& E. 38TH ST	SB-T					0.81	0.73	0	3	1700	<u> </u>
2ND AVE	SB-T					0.81	0.73	0	3	1900	18
& E. 39TH ST	SB-R					0.01	0.7	0	3	1900	15
2ND AVE	EB-T							0	3	1900	_
& E. 40TH ST	SB-T					0.81	0.7	U	3	1900	10
& L. 4011131	EB-TR					0.01	0.7	0	2		_
2ND AVE	SB-L							0	3	1900	18
& E. 41ST ST	SB-T					0.81	0.7	0	2	1900	1
Q L. 4131 31	SB-R					0.81	0.7	0	3	1900	1!
AND AVE										1900	- 13
2ND AVE & E. 42ND ST	SB-T SB-R							0	2	1000	11
						0.01	0.7	0	2	1900	1!
2ND AVE	SB-T					0.81	0.7	0	3	1000	
& E. 43RD ST	SB-R							0	3	1900	15
2ND AVE	SB-LT							_		1900	18
& E. 44TH ST	SB-T					0.81	0.7	0	3	1900	18
2ND AVE	WB-LT			0.95	0.98			0	-2		Ļ.
& E. 45TH ST	SB-T					0.81	0.7	0	3	1900	18
	SB-R							0	3	1900	1
	EB-T			0.95	0.98			0	-2	1900	2
2ND AVE	EB-R			0.95	0.98					1900	20
& E. 46TH ST	SB-LT									1900	18
	SB-T					0.81	0.7	0	3	1900	1
2ND AVE	SB-T					0.81	0.7	0	3	1900	1
& E. 47TH ST	SB-R							0	3	1900	1!
	EB-T			0.88	0.97				0	1	
2ND AVE	EB-R			0.93	0.97					1	
& E. 48TH ST	SB-L									1900	1
	SB-T							0	3	1900	1
2ND AVE	SB-L									1900	1.
& E. 50TH ST	SB-T					0.81	0.70	0	3	1900	1.
2ND AVE	SB-L									1900	15
& E. 54TH ST	SB-T					0.81	0.7	0	3	1900	15

Intersection	Approach Movement	Maneuve	king ers (#/hr)	Peak Ho	ur Factor	Lane Ut Fac		Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
2ND AVE	WB-T			0.88	0.97						
& E. 55TH ST	SB-T					0.81	0.70	0	3	1900	1500
& E. 3311131	SB-R							0	3	1900	1500
2ND AVE	EB-L							0	3	1900	1700
& E. 59TH ST	SB-L			0.85	0.98						
& E. 3711131	SB-T			0.95	0.98					1900	2000
2ND AVE	NWB-L							0	3	1900	100
& E. 60TH ST	NWB-T							0	3	1900	100
	SB-T			0.93	0.95					1900	200
TUNNEL EXIT ST	NB-L							0	3	1900	140
& E. 39TH ST	NB-T					0.91	0.7	0	3	1900	140
3RD AVE	EB-T							0	3	1900	100
& E. 36TH ST	NB-R							0	1	1900	185
2DD AVE	EB-T							0	3	1900	170
3RD AVE & E. 38TH ST	NB-T							0	3	1900	170
& E. 301H 31	NB-R							0	3	1900	170
	WB-T							0	3	1900	180
3RD AVE	WB-R							0	3	1900	180
& E. 39TH ST	NB-LT					0.86	0.7	0	2	1900	150
	NB-T					0.86	0.70	0	2	1900	150
	EB-T							0	3	1900	150
3RD AVE	NB-T	5	20			0.86	0.76	0	3	1900	118
& E. 40TH ST	NB-R	5	20					0	3	1900	118
	EB-T		_					0	3	1900	180
3RD AVE	WB-R							0	3	1900	180
& E. 41ST ST	NB-T	5	20			0.86	0.76	0	3	1900	140
	NB-R					0.00	0170	0	3	1900	140
	EB-T							0	3		
3RD AVE	WB-R			0.81	0.91			0	-2		
& E. 42ND ST	NB-R			0.0.1	0.7.1			0	3	1900	130
3RD AVE								Ü		1700	100
& E. 43RD ST	NB-T							0	3		
3RD AVE	NB-T					0.86	0.76	0	2	1900	160
& E. 44TH ST	NB-R					0.00	0.70	0	2	1900	160
3RD AVE	WB-T			0.78	0.80			0	3	1900	120
& E. 45TH ST	NB-T			0.76	0.00			0	2	1700	120
3RD AVE						0.04	0.74	0	2	1900	170
& E. 46TH ST	NB-T					0.86	0.76	0	3	1900	170
α L. 4011131	NB-R WB-T							-		1900	
3RD AVE								0	3		100
& E. 47TH ST	WB-R							0	3	1900	100
	NB-T										
3DD W.C	EB-L							0	3	+	
3RD AVE	EB-T	1						0	3	1000	15/
& E. 48TH ST	NB-T							0	3	1900	150
	NB-R					0.05	0.75	0	3	1900	150
2DD A) / E	WB-T	ļ				0.95	0.75	0	3	1900	130
3RD AVE	WB-R							0	3	1000	4
	NB-LT	<u> </u>								1900	165
& E. 49TH ST		•	1	Ì				0	3	1900	165
& E. 491H S1	NB-T							_		_	
	EB-L							0	3	1900	
3RD AVE & E. 50TH ST	_					0.81	0.7	0 0 0		_	100 100 180

Intersection	Approach Movement	Maneuve	king ers (#/hr)		ur Factor	Lane Ut Fac		Lost Adjus			ration Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
3RD AVE	WB-T	5	20					0	3	1900	1000
& E. 51ST ST	WB-R	5	20					0	3	1900	1000
& E. 3131 31	NB-T							0	-2		
	EB-L			0.74	0.8			0	3	1900	1600
3RD AVE	EB-T							0	3	1900	1600
& E. 52ND ST	NB-T							0	3	1900	1600
	NB-R							0	3	1900	160
	WB-T							0	3	1900	140
3RD AVE	WB-R							0	2	1900	140
& E. 53RD ST	NB-LT									1900	160
	NB-T							0	2	1900	160
	EB-T							0	3	1900	120
3RD AVE	NB-T							0	3	1900	160
& E. 54TH ST	NB-R			0.78	0.8			0	3	1900	170
	WB-T		l	0.70	0.0			0	3	1900	100
3RD AVE	WB-R							0	2	1900	140
& E. 55TH ST	NB-R					0.81	0.7	U		1900	140
ann ave						U.ŏ1	U. /		0	1000	475
3RD AVE	EB-T							0	3	1900	165
& E. 56TH ST	NB-T							0	2	1900	180
3RD AVE (Service)	NB-T					0.95	0.7	0	3	1900	115
& E. 56TH ST	NB-TR					0.95	0.7	0	3	1900	115
3RD AVE	WB-T					0.95	0.7	0	2	1900	130
& E. 57TH ST	NB-LT									1900	135
& L. 3/111 31	NB-T							0	3	1900	135
	WB-T					0.95	0.7	0	3	1900	130
3RD AVE (Service)	WB-R			0.75	0.8			0	2	1900	140
& E. 57TH ST	NB-TR					0.95	0.7	0	3	1900	112
	NB-R					0.95	0.7	0	3	1900	165
3RD AVE	EB-T							0	3	1900	110
& E. 59TH ST	NB-R							0	1		
LEXINGTON AVE	EB-TR							0	3	1900	130
& E. 36TH ST	SB-LT					0.91	0.85	0	3	1700	100
u 21 00 111 0 1	WB-L					0.71	0.00	0	3	1900	150
LEXINGTON AVE	WB-T							0	3	1900	150
& E. 39TH ST	SB-T					0.91	0.85	0	3	1900	130
α L. J7111 J1	SB-R					0.71	0.00	0	3	1900	120
LEVINCTON AVE			<u> </u>	0.7/	0.05			U	ა	1700	IZU
LEXINGTON AVE	EB-R			0.76	0.85				2	1000	105
& E. 40TH ST	SB-LT					0.05	0.0	0	3	1900	135
	EB-T			0.10	0.0	0.95	0.8	0	3	1900	170
	EB-R			0.63	0.8					1900	170
LEXINGTON AVE	WB-L			0.75	0.8	6.05	6.75			1900	175
& E. 42ND ST	WB-T					0.95	0.75	0	3	1900	175
	SB-L					0.51		0	3	1900	100
	SB-T					0.91	0.75	0	3	1900	160
	SB-R							0	3	1900	100
LEXINGTON AVE	SB-L			0.79	0.8						
& E. 44TH ST	SB-T					0.91	0.75	0	3	1900	175
LEXINGTON AVE	WB-L			0.65	0.8						
	SB-T					0.91	0.8	0	3	1900	150
& E. 45TH ST	SB-R			0.75	0.8			0	3	1900	150
LEXINGTON AVE						0.01	0.05			4000	45-
& E. 46TH ST	SB-T					0.91	0.85	0	3	1900	150

Intersection	Approach Movement	Parking Maneuvers (#/hr)		Peak Hour Factor		Lane Utilization Factor		Lost Time Adjustment		Saturation Flow Rate	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
LEXINGTON AVE & E. 47TH ST	WB-L			0.78	0.8			0	2		
	WB-T							0	3	1900	12
	SB-T					0.91	8.0	0	3	1900	16
	SB-R			0.79	8.0			0	3	1900	15
LEXINGTON AVE & E. 48TH ST	EB-T							0	3	1900	12
	EB-R			0.91	0.98						
	SB-L			0.77	0.8			0	3		
	SB-T					0.91	0.8	0	3		
	WB-L			0.66	0.80						
LEXINGTON AVE & E. 49TH ST	WB-T			0.00	0.00			0	3		
	SB-T					0.91	0.80	0	3		
	SB-R					0.71	0.00	0	3	1900	15
LEXINGTON AVE & E. 50TH ST	SB-L							0		1900	17
	SB-T	1				0.91	0.80			1900	17
		1				U.71	0.00	0	2	1700	17
LEXINGTON AVE & E. 51ST ST	WB-L	1						0	3	1000	10
	WB-T	-				0.01	0.00	0	3	1900	10
	SB-T	-				0.91	0.80	0			
	SB-R							0	3		
LEXINGTON AVE & E. 52ND ST	EB-T			0.70				0	3		
	EB-R			0.72	0.8			0	3		
	SB-L			0.77	0.8						
LEVINOTO:: ::=	SB-T					0.91	0.83	0	3		
LEXINGTON AVE & E. 53RD ST	SB-T					0.91	0.83	0	3		
	SB-R							0	3		
LEXINGTON AVE & E. 54TH ST	EB-T					0.95	0.91	0	3	1900	15
	EB-R			0.59	0.8					1900	15
	SB-T					0.91	0.83	0	3	1900	17
LEXINGTON AVE & E. 55TH ST	WB-T							0	3	1900	15
	SB-T					0.91	0.83	0	3	1900	17
	SB-R			0.74	8.0			0	3	1900	17
LEXINGTON AVE & E. 56TH ST	EB-T							0	3	1900	15
	EB-R							0	3		
	SB-L			0.77	8.0						
	SB-T					0.91	0.85	0	3		
LEXINGTON AVE & E. 57TH ST	EB-T					0.95	0.85	0	3	1900	15
	EB-R			0.73	0.80			0	3	1900	15
	WB-L			0.68	0.8						
	WB-T					0.95	0.8	0	3	1900	16
	SB-T					0.91	0.8	0	3	1900	16
	SB-R							0	3	1900	16
PARK AVE SB & E. 36TH ST	EB-TR				_			0	3	1900	15
PARK AVE NB & E. 38TH ST	NB-TR							0	3	1900	16
PARK AVE SB & E. 38TH ST	EB-TR					0.95	0.85	0	3		
PARK AVE NB & E. 39TH ST	WB-TR	10	5	0.93	0.98			0	1		
	NB-LT									1900	16
	NB-T					0.95	0.85	0	3	1900	16
PARK AVE SB	SB-T							0	3	1900	16
& E. 39TH ST	SB-R									1900	16
PARK AVE NB	EB-LT							0	3	1900	12
						ļ		0	3	. 700	

Modification of Synchro Adjustment Factors - 2016 Existing PM Peak Hour

Intersection	Approach Movement	Parl Maneuve	king ers (#/hr)	Peak Ho	ur Factor		ilization ctor	Lost Adjus			ation Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TO
PARK AVE SB & E. 40TH ST	SB-T					0.91	0.36				
PARK AVE VIADUCT NB & E.	EB-LT							0	3	1900	1300
40TH ST	NB-TR							0	3	1900	1700
DADI/ AVE ND	EB-L							0	3	1900	1500
PARK AVE NB	EB-T							0	1	1900	1600
& E. 46TH ST	NB-T					0.95	0.90	0	3		
	EB-T	0	5			0.95	0.7	0	3	1900	1500
PARK AVE SB	EB-R							0	3	1900	1500
& E. 46TH ST	SB-L			0.93	0.85			0	3	1900	1000
	SB-T	0	5			0.95	0.7	0	3	1900	1600
	WB-T							0	3	1900	1400
PARK AVE NB	WB-R							0	3	1900	1500
& E. 47TH ST	NB-L							0	1	1900	1500
	NB-T	0	5			0.95	0.85	0	1		
DADK AVE CD	WB-TL							0	3		
PARK AVE SB & E. 47TH ST	SB-T	0	5			0.91	0.8	0	3	1900	1700
& E. 4/111 SI	SB-TR									1900	1700
	EB-L									1900	1500
PARK AVE NB	EB-T							0	1	1900	1500
& E. 48TH ST	NB-T	0	5			0.86	0.8	0	3	1900	1700
	NB-R	0	5					0	3	1900	1700
PARK AVE SB	SB-L							0	3	1900	1600
& E. 48TH ST	SB-T	0	5			0.95	0.85				
	WB-T	0	5					0	3	1900	1600
PARK AVE NB	WB-R							0	3	1900	1600
& E. 49TH ST	NB-L							0	3	1900	1000
	NB-T	0	5			0.95	0.85	0	1		
PARK AVE SB & E. 49TH ST	SB-T	0	5			0.95	0.8	0	1		
DARK AVE NO	EB-LT							0	3	1900	1200
PARK AVE NB	NB-T	0	10			0.86	0.8	0	2		
& E. 50TH ST	NB-TR							0	2		
	EB-T							0	3	1900	1300
PARK AVE SB	EB-R							0	3	1900	1500
& E. 50TH ST	SB-L							0	3	1900	1400
	SB-T	0	5			0.95	0.85	0	3		
	WB-T							0	3	1900	1600
PARK AVE NB	WB-R							0	3	1900	1600
& E. 51ST ST	NB-LT							0	1	1900	1500
	NB-T					95	0.85	0	1		
DADK AVE CD	WB-L									1900	1500
PARK AVE SB	WB-T							0	3	1900	1500
& E. 51ST ST	SB-T	0	5			0.95	0.85	0	3		
	EB-LT							0	1	1900	1500
PARK AVE NB	NB-T	0	5			0.86	0.75	0	2		
& E. 52ND ST	NB-R	0	5	0.7	0.8						
PARK AVE SB	SB-L			0.69	0.8				_		
& E. 52ND ST	SB-T	0	5								
PARK AVE NB	NB-L							0	3	1900	1500
& E. 53RD ST	NB-T	0	5			0.95	0.9	0	1		
PARK AVE SB	WB-T							0	3		
& E. 53RD ST	SB-T	0	5			0.91	0.85	0	3	1900	1700

Modification of Synchro Adjustment Factors - 2016 Existing PM Peak Hour

Intersection	Approach Movement	Parl Maneuve		Peak Hou	ur Factor		ilization ctor	Lost Adjus		Satur Flow	
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	-
	EB-L									1900	1
PARK AVE NB	EB-T							0	3	1900	1
& E. 54TH ST	NB-T	0	5			0.95	0.9	0	2		
	NB-R			0.7	0.8						
PARK AVE SB	EB-R			0.77	0.8						
& E. 54TH ST	SB-L			0.66	0.8			0	3	1900	1
α E. 341Π 31	SB-T	0	5					0	3		
	WB-T							0	3	1900	1
PARK AVE NB	WB-R							0	3	1900	1
& E. 55TH ST	NB-L							0	3	1900	1
	NB-T							0	1		
DADK AVE CD	WB-L									1900	1
PARK AVE SB	WB-T							0	3	1900	1
& E. 55TH ST	SB-T	0	5			0.91	0.7	0	3	1900	1
DADK AVE NO	EB-LT							0	2	1900	1
PARK AVE NB	NB-T	0	5					0	2	1900	1
& E. 56TH ST	NB-TR	<u> </u>						0	2	1900	1
	EB-TR	Ì						0	3	1900	1:
PARK AVE SB	SB-L							0	3	1900	1.
& E. 56TH ST	SB-T	0	5			0.95	0.85	0	3	. 700	t '
	EB-L	Ť	J	0.57	0.8	5.70	5.00	J	<u> </u>		
	WB-T	-		0.01	0.0	0.95	0.85				
PARK AVE NB	WB-R	1		0.71	0.8	0.70	0.00				
& E. 57TH ST	NB-K	 		5.71	0.0			0	1	†	
=	NB-T	1						0	1	1	
	NB-TR	1						0	1		
	EB-T	1						J	-	1900	1:
	EB-R	-		0.74	0.8					1700	1
PARK AVE SB	WB-T	1		0.77	0.0	0.95	0.85	0	3	1900	1
& E. 57TH ST	SB-L	1		0.57	0.8	0.70	0.00	5	J	1700	
	SB-R	1		0.79	0.8					1	
MADISON AVE	WB-T	 		5.77	0.0			0	3	1900	1
& E. 39TH ST	NB-T					0.91	0.8	0	3	1700	-
	EB-L	 				5.71	0.0	0	3	1900	1
MADISON AVE	EB-T							0	3	1900	1
& E. 40TH ST	NB-T	 				0.91	0.75	0	2	1700	- '
MADISON AVE		 						J		1	-
& E. 41ST ST	NB-TR					0.91	0.75	0	3	1900	1
	EB-LT			0.46	0.8						
	EB-T					0.95	0.7	0	3	1900	1
MADISON AVE	WB-T					0.95	0.80	0	3	1900	1
& E. 42ND ST	WB-R			0.61	0.8						
a L. TLIND JI	NB-LT			0.75	0.8						
	NB-T							0	3	1900	1
	NB-R			0.79	0.8			0	3	1900	1
	WB-T							0	3		
MADISON AVE	WB-R							0	3		
& E. 43RD ST	NB-L							0	2	1900	1
	NB-T					0.95	0.85	0	2	1900	1
MADISON AVE & E. 46TH ST	NB-T					0.95	0.85				
MADISON AVE	NB-T					0.95	0.85	0	1		
& E. 48TH ST	NB-R	1						0	3	1900	1

Modification of Synchro Adjustment Factors - 2016 Existing PM Peak Hour

Intersection	Approach Movement	Parl Maneuve		Peak Hou	ur Factor	Lane Ut Fac		Lost ⁻ Adjust			ation Rate
		FROM	TO	FROM	TO	FROM	TO	FROM	TO	FROM	TC
MADISON AVE	WB-TR					0.95	0.71	0	3	1900	130
& E. 49TH ST	NB-L							0	3		
MADISON AVE	WB-TR							0	3	1900	180
& E. 53RD ST	NB-L							0	3		
	NB-T							0	3	1900	10
MADISON AVE	NB-T					0.95	0.85				
& E. 54TH ST	NB-R			0.7	8.0			0	3		
5TH AVE & 38TH ST	SB-LT					0.86	0.71				
5TH AVE	WB-T					0.95	0.85	0	3	1900	17
& 39TH ST	SB-T					0.86	0.7	0	2	1900	18
5TH AVE & 40TH ST	SB-T					0.86	0.71	0	3	1900	16
	EB-R			0.61	0.8						
5TH AVE	WB-LT			0.38	0.80						
& 42ND ST	SB-T					0.86	0.75	0	3	1900	15
	SB-R			0.68	0.8						
ETIL AVE	WB-L							0	3	1900	17
5TH AVE	WB-T							0	3	1900	17
& 43RD ST	SB-T					0.86	0.71	0	3	1900	17
5TH AVE	SB-LT									1900	17
& 44TH ST	SB-T					0.86	0.71	0	3	1900	17
	WB-L							0	1	1900	15
5TH AVE	WB-T							0	3	1900	10
& 47TH ST	SB-T					0.86	0.71	0	3	1900	17
	SB-R							0	3		
5TH AVE	EB-T							0	3	1900	14
& 48TH ST	EB-R	10	5					0	-2		
Q 4011131	SB-T					0.86	0.71	0	2		
5TH AVE	WB-LT					0.95	0.7	0	3	1900	13
& 49TH ST	SB-T					0.86	0.7	0	3	1900	15
	SB-R							0	3	1900	10
5TH AVE	EB-TR					0.95	0.71	0	3	1900	17
& 54TH ST	SB-T					0.86	0.71	0	3	1900	16
	EB-T					0.95	0.91	0	3	1900	15
5TH AVE	EB-R							0	3		
& 57TH ST	WB-LT					0.95	0.83	0	3		
- · ·	SB-LT					0.86	0.71	0	2	1900	12
	SB-R							0	3	1900	14
6TH AVE	NB-T					0.86	0.71				
& W. 48TH ST	NB-R			0.74	0.98						
6TH AVE	WB-T							0	3	1900	13
& W. 49TH ST	WB-R					0.01		0	3		
	NB-LT					0.86	0.71				

Appendix F.3

A listing of changes in intersection configuration between Existing and No-Action Conditions



Intersection	Project	Approach	Peak Hour	Existing Configuration	No-Action Configuration	Notes
First Avenue @ E 40th Street	Construction	EB	AM/MD/PM	5 parking maneuvers for L lane group	10 parking maneuvers for L lane group	Assume parking on south side of street in No- Action condition
First Avenue @ E 48th Street (west side)	DOT- Bike lane improvements	NB	-	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Assumes parking on west side of street in No- Action condition
First Avenue	Occaratoration	ND	AM/PM	4 LT 0 parking maneuvers for LT lane group	L, 4T 5 parking maneuvers for L and T lane groups	Assumes parking on west side of street in No- Action condition Assumes replacement of left turn lane
@ E 53rd Street	Construction	NB	MD	4 LT 5 parking maneuvers for LT lane group	L, 4T 5 parking maneuvers for L lane group 10 parking maneuvers for T lane group	
First Avenue			AM	6 bus blockages for TR lane group	0 bus blockages for TR lane group	Assumes bus stop in curb lane in No-Action
@ E 55th Street	Construction	WB	MD	4 bus blockages for TR lane group	0 bus blockages for TR lane group	condition
			PM	7 bus blockages for TR lane group	0 bus blockages for TR lane group	Accuracy no morting on west side of street in No.
First Avenue	DOT- Bike lane	NB	AM/PM	2 L (10'), 4 T (10'), 1 R (10') 5 parking maneuvers for L lane group	2 L (11', 12'), 3 T (10'), 1 R (11') 0 parking maneuvers for L lane group	Assumes no parking on west side of street in No- Action condition
@ E 57th Street	improvements		MD	2 L lanes (10'), 4 TR lanes (10') 5 parking maneuvers for L lane group	2 L lanes (11', 12'), 3 TR lanes (10') 0 parking maneuvers for L lane group	
			AM	2 L, T	2 LT	Assumes bus layover area shifted to south side of street in No-Action condition Assumes No Standing 7AM-10 AM M-F and No
Second Avenue @ E 37th Street	Construction	WB	MD	2 L, T 0 parking maneuvers for T lane group	2 LT 5 parking maneuvers for LT lane group	Standing Except Trucks Loading & Unloading 10AM-7PM Except Sun on north side of street in
			PM	2 L, T 5 parking maneuvers for T lane group	2 LT 10 parking maneuvers for LT lane group	No-Action condition
Second Avenue	DOT- Bike lane	SB	AM/PM	5 T, 1 R	5 T, 1 R	
@ E 43rd Street	improvements	SB	MD	5 parking maneuvers for T lane group 5 TR	0 parking maneuvers for T lane group 4 TR	
				51T	5 LT	
Second Avenue	DOT- Bike lane	SB	AM/PM	5 parking maneuvers for T lane group	0 parking maneuvers for T lane group	
@ E 44th Street	improvements		MD	5 LT	1 L, 4 T	
Second Avenue	DOT- Bike lane	SB	AM/PM	5 T, 1 R 5 parking maneuvers for T lane group	5 T, 1 R 0 parking maneuvers for T lane group	
@ E 45th Street	improvements		MD	5 TR	4 TR	
Second Avenue	DOT- Bike lane		AM/PM	5 LT	5 LT	
@ E 46th Street	improvements	SB		5 parking maneuvers for T lane group	0 parking maneuvers for T lane group	
			MD	5 LT	1 L, 4 T	
Second Avenue	DOT- Bike lane	SB	AM/PM	5 T, 1 R 5 parking maneuvers for T lane group	5 T, 1 R 0 parking maneuvers for T lane group	
@ E 47th Street	improvements	35	MD	5 TR	4 TR	
Constant Assessed	DOT Dilectors		AM/MD	5 LT	1 L, 4 T	
Second Avenue @ E 48th Street	DOT- Bike lane improvements	SB	PM	5 LT	5 LT	
			1 141	5 parking maneuvers for T lane group	0 parking maneuvers for T lane group	
			AM	4T, 1 R 2 parking maneuvers for T lane group	4 T, 1 R 5 parking maneuvers for T lane group	
Second Avenue	DOT- Bike lane improvements/	SB	MD	4T, 1 R	4 TR	
@ E 49th Street	Construction	0.5	WID	5 parking maneuvers for T lane group 4T, 1 R	10 parking maneuvers for T lane group 5 T, 1 R	
			PM	5 parking maneuvers for T lane group	0 parking maneuvers for T lane group	
Cocond Avonus	DOT Bika lana		AM/MD	5 LT	1 L, 4 T	
Second Avenue @ E 50th Street	DOT- Bike lane improvements	SB	PM	5 LT 5 parking maneuvers for T lane group	5 LT 0 parking maneuvers for T lane group	
Corond A	DOT- Bike lane		0.04	5 T, 1 R	4 T, 1 R	Assumes parking on east side of street in No-
Second Avenue @ E 51st Street	improvements/	SB	AM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Action condition
	Construction		MD	5 TR	4 TR	
Second Avenue @ E 52nd Street	DOT- Bike lane improvements	SB	AM/MD/PM	5 LT	1 L, 4 T	
Second Avenue	DOT- Bike lane	SB	AM/PM	5 T, 1 R	4 T, 1 R	
@ E 53rd Street	improvements	35	MD	5 TR	4 TR	
Second Avenue @ E 54th Street	DOT- Bike lane improvements	SB	AM/MD/PM	5 LT	1 L, 4 T	

Intersection	Project	Approach	Peak Hour	Existing Configuration	No-Action Configuration	Notes
			AM/PM	5 T, 1 R 15 bus blockages for R lane group	4 T, 1 R 0 bus blockages for R lane group	Assumes relocation of temporary bus stops in No-Action condition to block between 56th and 57th Streets and midday parking on west side of
Second Avenue @ E 55th Street	DOT- Bike lane improvements/ Construction	SB	MD	5 T, 1 R 5 parking maneuvers for T lane group 8 bus blockages for R lane group	4 TR 10 parking maneuvers for T lane group 0 bus blockages for R lane group	street in No-Action condition
			PM	5 T, 1 R 10 bus blockages for R lane group	4 T, 1 R 0 bus blockages for R lane group	
Second Avenue @ E 56th Street	DOT- Bike lane improvements/ Construction	SB	AM/MD/PM	5 LT	1 L, 4 T	Assumes bus stops on west side of street in No- Action condition
			AM	1 L, 4 T, 1 R 0 parking maneuvers for T lane group	1 L, 4 T, R 5 parking maneuvers for T lane group	
Second Avenue @ E 57th Street	DOT- Bike lane improvements/	SB	MD	1 L, 4 T, 1 R 0 parking maneuvers for L lane group 5 parking maneuvers for T lane group	1 L, 4 TR 5 parking maneuvers for L lane group 10 parking maneuvers for T lane group	
© E 37III Sileet	Construction		PM	1 L, 4 T, 1 R O parking maneuvers for L lane group O parking maneuvers for T lane group	1 L, 4 T, R 5 parking maneuvers for L lane group 5 parking maneuvers for T lane group	
		EB	AM/PM	2 TR	2 T, 1 R	
Tunnel Exit Street @ E 37th Street	Construction	WB	PM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Assumes bus layovers on south side of street in No-Action condition
Tunnel Exit Street @ E 39th Street	Construction	WB	AM/MD/PM	1 TR (12') 0 parking maneuvers for TR lane group	2 TR (13') 5 parking maneuvers for TR lane group	Assumes parking on north side of street in No- Action condition
Third Avenue @ E 39th Street	Construction	WB	MD	10 parking maneuvers for T lane group 5 parking maneuvers for R lane group	5 parking maneuvers for T lane group	Assumes parking on south side of street in No- Action condition
@ E 34III Sileet			PM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	
Third Avenue @ E 41st Street	Mitigation - One Vanderbilt EIS	-	PM	EB/WB: G=35 NB: G=45	EB/WB: G=36 NB: G=44	
Third Avenue @ E 42nd Street	Mitigation - One Vanderbilt EIS	-	PM	EB/WB LPI: G=6 EB/WB: G=21 EB: G=13 NB: G=35	EB/WB LPI: G=6 EB/WB: G=21 EB: G=14 NB: G=34	
Third Avenue @ E 59th Street	Construction	EB	PM	LT, T 0 bus blockages for T lane group	LT, T, T 4 bus blockages for T lane group	Assumes 3 downstream receiving lanes in No- Action condition
Lexington Avenue	Mitigation - One	-	АМ	EBWB LPI: G=7 EB/WB: G=30 SB: G=43	AM: EB/WB LPI G=7 EB/WB G=29 SB G=44	
@ E 42nd Street	Vanderbilt EIS	-	MD	EBWB LPI: G=7 EB/WB: G=30 SB: G=43	EB/WB LPI: G=7 EB/WB: G=31 SB: G=42	
Lexington Avenue			AM	10 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Removes 5 additional parking maneuvers added for construction in calibration
@ E 54th Street	Construction	SB	MD/PM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Assumes parking on east side of street in No- Action condition
Park Avenue @ E 36th St	Construction	SB	AM/MD/PM	0 parking maneuvers for LT lane group	5 parking maneuvers for LT lane group	Assumes parking on west side of street in No- Action condition
Park Avenue	Mitigation - One	-	AM	WB: G=34 NB/SB: G=45	WB: G=35 NB/SB: G=44	
@ E 39th Street	Vanderbilt EIS	-	PM	WB: G=34 NB/SB: G=45	WB: G=36 NB/SB: G=43	
Park Avenue	Mitigation - One Vanderbilt EIS	-	AM/PM	EB: G=31 NB/SB: G=48	EB: G=30 NB/SB: G=49	
@ E 40th Street	Construction	SB	AM/MD/PM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Assumes parking on east side of street in No- Action condition
Park Avenue @ E 47th Street	Mitigation - One Vanderbilt EIS	-	AM/PM	WB: G=38 NB/SB: G=41	WB: G=37 NB/SB: G=42	
Park Avenue @ E 52nd Street	Construction	EB	AM/MD/PM	5 parking maneuvers for TR lane group	10 parking maneuvers for TR lane group	Assumes parking on north and south sides of street in No-Action condition
Park Avenue @ E 56th Street	Construction	EB	AM/MD/PM	0 parking maneuvers for TR lane group	10 parking maneuvers for TR lane group	Assumes parking on north and south sides of street in No-Action condition

Intersection	Project	Approach	Peak Hour	Existing Configuration	No-Action Configuration	Notes
	Mitigation - One	-	AM	EB/WB: G=40 NB/SB Ped: G=40	EB/WB: G=41 NB/SB Ped: G=39	
Vanderbilt Avenue @ E 42nd Street	Vanderbilt EIS	-	PM	EB/WB: G=40 NB/SB Ped: G=40	EB/WB: G=42 NB/SB Ped: G=38	
	Vanderbilt Place Pedestrian Plaza	WB	=	2 TR	2 T	Vanderbilt Avenue closed to vehicular traffic between 42nd and 43rd Streets
Vanderbilt Avenue @ E 43rd Street	Vanderbilt Place Pedestrian Plaza	NB	-	1LT	Northern approach removed	Vanderbilt Avenue closed to vehicular traffic between 42nd and 43rd Streets
Vanderbilt Avenue @ E 46th Street	Mitigation - One Vanderbilt EIS	-	AM/PM	EB: G=40 NB/SB: G=40	EB: G=39 NB/SB: G=41	
Madison Avenue @ E 41st Street	Mitigation - One Vanderbilt EIS	-	АМ	NB: G=45 EB T: G=23 EB L/T: G=12	NB: G=47 EB T: G=23 EB L/T: G=10	
	Mitigation - One	-	AM	WB: G=35 NB: G=45	WB: G=33 NB: G=47	
Madison Avenue @ E 43rd Street	Vanderbilt EIS	-	PM	WB: G=35 NB: G=45	WB: G=34 NB: G=46	
	Construction	WB	AM/MD/PM	0 parking maneuvers for T lane group	5 parking maneuvers for T lane group	Assumes parking on south side of street in No- Action condition
Madison Avenue @ E 44th Street	Mitigation - One Vanderbilt EIS	-	AM/PM	EB: G=35 NB: G=45	EB: G=34 NB: G=46	
		EB	AM/MD/PM	LT	L= 10' (100' pocket), T	
			AM	1 T (8'), 1 R (8')	1 T (11'), 1 R (11')	Assumes parking on south side of street in No-
Madison Avenue @ E 47th Street	Construction	WB	MD	1 T (8'), 1 R (8') 0 parking maneuvers for T lane group 0 parking maneuvers for R lane group	1 T (11'), 1 R (11') 10 parking maneuvers for T lane group 10 parking maneuvers for R lane group	Action condition
e E 47th Sheet			PM	1 T (8'), 1 R (8') 5 parking maneuvers for T lane group 5 parking maneuvers for R lane group	1 T (11'), 1 R (11') 10 parking maneuvers for T lane group 10 parking maneuvers for R lane group	
Madison Avenue @ E 50th Street	Construction	EB	-	1 LT (16')	1 LT (11')	Assumes south curb lane restricted to buses and medallion taxis with passengers only from 8am-6pm
Fifth Avenue @ 38th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 39th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
Fifth Avenue @ 40th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 41st Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 42nd Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT, 1 R	3 LT, 1 R	
Fifth Avenue	Fifth Avenue Bus	SB	AM/MD	AM/MD: 4 TR, 1 R	AM/MD: 3 T, 2 R	Assumes right turns from two lanes as in
@ 43rd Street	Lanes - DOT		PM	4 T, 1 R	3 T, 1 R	existing conditions
	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 44th Street	Mitigation - One	-	AM	EB: G=35 SB: G=45	EB: G=34 SB: G=46	
	Vanderbilt EIS	-	PM	EB: G=35 SB: G=45	EB: G=36 SB: G=44	
Fifth Avenue @ 45th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
Fifth Avenue	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
@ 46th Street	Mitigation - One Vanderbilt EIS	-	AM	EB: G=35 SB: G=45	EB: G=34 SB: G=46	
Fifth Avenue	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
@ 47th Street	Mitigation - One Vanderbilt EIS	-	АМ	WBT: G=24 WB: G=15 SB: G=41	WBT: G=23 WB: G=15 SB: G=42	

Intersection	Project	Approach	Peak Hour	Existing Configuration	No-Action Configuration	Notes
Fifth Avenue @ 48th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 49th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
Fifth Avenue @ 50th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
Fifth Avenue			AM	5 parking maneuvers for T lane group	10 parking maneuvers for T lane group	Assumes parking on south side of street in No-
@ 51st Street	Construction	WB	MD	0 parking maneuvers for L lane group 5 parking maneuvers for T lane group	5 parking maneuvers for L lane group 10 parking maneuvers for T lane group	Action condition
			PM	5 parking maneuvers for T lane group	10 parking maneuvers for T lane group	1
Fifth Avenue @ 52nd Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 53rd Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 T, 1 R	3 T, 1 R	
Fifth Avenue @ 54th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue	Fifth Avenue Bus	SB	AM/PM	4 T, 1 R	3 T, 1 R	Assumes right turns from two lanes as in
@ 55th Street	Lanes - DOT	36	MD	4TR, 1R	3 T, 2 R	existing conditions
Fifth Avenue @ 56th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT	3 LT	
Fifth Avenue @ 57th Street	Fifth Avenue Bus Lanes - DOT	SB	-	4 LT, 1 R	3 LT, 1 R	

Appendix F.4 Assignment of Auto Trips to Off-Street Parking Facilities



Assignment of Auto Trips to Off-Street Parking Facilities

																																						#22			
																	#27			בים	,			r_														Farking Facility #90 No Build Site #32, Parking Facilities #21,	8#	#107	#105
																	Site ;			#55				/#67														i ii i	<u> </u>	.#	# >
																				#47				#65,											Ave	St	St	aci	aci	l ≣	_ iii
				17			#18	2			#31	#32					Build	#44	C	#53		#62		#61,					#83	ا	482	66#			5th A	40th		J gr	No Build Site #33, Parking Facility	#5, Parking Facility	Parking Facility #97 No Build Site #4, Parking Facility
				,#							~	~					9			* #									~		~	_			25 5	N 4(1133 6th Ave, 141 W 43rd	불	캶	kinč	king
		_ -	4 4	± 14	12	#19	24	#23	25	28	#2	#33	#34	#35	#36	#38	#39,	ilities #42,	#43	ilities #52, ilities #45.	#51 S #54	#26	#57	'09#	#68	69#	#71	#72	#78	6/#	8 8	92 #9	100	86#	, 325	143 W	> 5		9	Par	#97 I, Par
		# 1	:IIITy #4	ry #	# Kı	# (1	ty #	ty #	ty #	ty #	ties	ties ty#	lity #	fy #	# #	" ty "	# fillify	ties	#	ties	ility #	ties	# # # # # # # # # # # # # # # # # # #	ties		f) #	# k		ties	# fz	ties .	ty #	ty #	ty #	Ave	t, 1,	14	1y # #32	#33	, #5	ty #
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	a)	J.	3 2	F 19	g Fe	J Fé	g Fa	g F	g Fe	g Fe	9 7	9 F.	g F	g F	g Fi	g Fa	g Fi	g F	g F	9 5	9 F. 9	g Fig	g Fi	g Fi	g Fi	g Fé	9 F.	g F	g F	9 7	g r	g Fi	g Fi	g F	adis	40th	th/	979	5 P	9	g Fa
	On-Site	Parking Facility #1	arking Facility #4 arking Facility #14	arking Facilities #1	Parking Facility #12	ırking Fac	Parking Facility #24 Parking Facilities #16	Parking Facility #	돌	~~	Parking Facilities #29	Parking Facilities #27 Parking Facility #33	Parking Fa	Parking Facility	Parking Facility ³	Parking Facility	Parking Fa	Parking Faci	Parking Facility	Parking Facil Parking Facil	Parking Facilities #54.	ΙĒ	Parking Fa	Parking Facilities	Parking Facility Parking Facility	Parking Facility #	Parking Facility #71 Parking Facility #74	Parking Facility	Parking Facilities #78	Parking Facility	Parking Facilities #84	Parking Facility #92 Parking Facilities #91.	Parking Facility #100	Parking Facility	148 Madison Ave,	36 W	33 6	ranking raciiiy No Build Site #;	Bui	No Build Site	Parking Facility No Build Site #4
Project Name/ Address	O	Par	Par	Pal	Pai	Pai	Par	Pal	Parking Facility #25 Parking Facility #26	Pal	Pal	Pal	Pai	Pai	Pal	Pai	Pai	Pal	Pal	Pal	Pal	Pai	Pal	Pal	Pal	Pai	Pal	Pal	Pai	Pal	Pa G	Pal	Pai	Pai	148	136	1	8	2	2	Pal
																	No-Ac	tion Deve	elopmei	nt Sites																					
Site #4 - 434 Park Avenue	100%																				$\bot \bot \bot$		\bot																		1009
Site #5 - Art & Design HS&PS 59: 2nd Av & 57th St	100%																				$\bot \bot \bot$		\bot																	100%	,
Site #6 - 53 West 53rd Street (Tower Verre)			_																_					$oldsymbol{oldsymbol{\perp}}$					100%		_										+
Site #8 - John Pierce Residences, 11 East 51st St																													100%												$\perp \perp \perp$
Site #9 - 614 Lexington Avenue (100 E 53rd Street)			_																_					$oldsymbol{oldsymbol{\perp}}$						100%	_										+
Site #12 - Waldorf Astoria Hotel																									2%					1!	5% 2	2%	19%	22%							20%
Site #13 - 138 East 50th Street																											100%														$\perp \perp \perp$
Site #19 - Stanford Hotels, 120 West 41st Street																																				100%					
Site #20 - 7 Bryant Park																																				100%					
Site #21 - 516-520 Fifth Avenue																																					100%				
Site #22 - 14-20 West 40th Street			22	_			16	%		12%					8%																					42%					
Site #23 - 343 Madison Avenue			19	%						15%			27%		5%	5%						36%			6%																$\perp \perp \perp$
Site #24 - One Vanderbilt																			sed on	traffic a	assignment	to parki	ing facilities	s in proje	ct's EIS																
Site #26 - 686-700 Third Avenue																	20%	80%																							\bot
Site #27 - 212-214 East 44th Street	100%																100%																								$\perp \perp \perp$
Site #28 - 219 East 44th Street	100%																	100%																							$\perp \perp \perp$
Site #29 - 227-235 East 44th Street																	100%																								\bot
Site #32 - 225 East 39th Street	100%																																					1009			\bot
Site #33 - Perlbinder 245 East 36th Street	100%																																						100%	%	\bot
Site #34 - UNDC Project/Robert Moses Playground						3	33%				13	3% 54%							L																						$\bot\bot\bot$
Site #35 - First Avenue Properties								_		1 1								Ba	sed on	traffic a	assignment	to parki	ing facilitie:	s in proje	ct's EIS	1				1							1			_	
Site #37 - 160 Madison Avenue																			L																100%						
					1 1					1		-					With-A	ction Dev	elopme	ent Sites	3					1	1			-							1				
Projected Development Site #1		20%	40/ 00		80%	0001																						1													+-
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Projected Development Site #15			-	+	+ +			28%			30% 25	0%		-			400/	40/		-			1	1									-	+				17%)		+-
Projected Development Site #16					1						56%						40%	4%																1							

Appendix F.5

Traffic LOS Tables for Existing, No-Action, and With-Action Conditions

THIS APPENDIX HAS BEEN UPDATED FOR THE FEIS



Greater East Midtown Rezoning FEIS 2016 Existing Condition Level of Service Tables

2016 Existing Condition Level	or Service	AM Pea			M	lidday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach		v/c	Delay			v/c	Delay			v/c	Delay	
(Signalized Intersections)	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS
1st Avenue & East 40th Street			, ,				, ,				, ,	
Eastbound	L	0.59	27.2	С	L	0.60	36.0	D	L	0.48	29.6	С
Northbound	Т	0.86	26.2	С	Т	0.73	20.9	С	Т	1.05	60.4	Е
1st Avenue & East 42nd Stree	t											
Eastbound (East Side)		0.90	30.5	С	Т	0.70	18.5	В	Т	0.57	14.5	В
Westbound (East Side)	TR	1.04	93.1	F	TR	0.68	36.9	D	TR	0.73	34.7	С
	R	1.05	109.5	F	R	0.85	66.7	Е	R	1.05	105.6	F
Northbound (East Side)	LT	0.56	65.5	Е	LT	0.36	17.9	В	LT	0.87	96.1	F
	R	0.12	20.1	С	R	0.12	15.9	В	R	0.32	28.2	С
Eastbound (West Side)	L	1.05	133.1	F	L	1.05	110.6	F	L	1.05	112.2	F
,	T	0.55	21.6	С	T	0.41	20.8	С	Т	0.37	14.4	В
Westbound (West Side)	TR	0.86	11.4	В	TR	0.58	6.1	Α	TR	0.49	5.5	Α
Northbound (West Side)	L	0.42	21.3	С	L	0.30	14.6	В	L	0.38	27.7	С
	T	0.63	81.8	F	T	0.38	17.2	В	T	0.51	59.9	Е
1st Avenue & East 44th Street		Ι.					I _ '			Ι.		I .
Eastbound	L	0.72	26.1	С	L	0.95	50.0	D	L	0.53	20.9	С
Northbound	T	0.66	1.6	Α	Т	0.47	8.0	Α	T	0.63	2.0	Α
1st Avenue & East 46th Street						1						
Eastbound	L	0.88	41.3	D	L	1.02	70.1	E	L	1.05	71.8	Е
Northbound	Т	0.66	2.1	Α	Т	0.57	1.7	Α	Т	0.71	5.0	А
1st Avenue & East 47th Street			•			1						
Northbound (East Side)	T	0.76	14.6	В	Т	0.73	14.8	В	Т	0.82	20.2	С
Northbound (West Side)	L	0.60	14.1	В	L	0.39	10.9	В	L	0.48	12.2	В
	T	0.67	14.6	В	Т	0.66	15.2	В	T	0.64	14.2	В
1st Avenue & East 48th Street	<u> </u>							_				
Northbound		0.29	0.3	Α	T	0.29	0.3	Α	T	0.26	0.2	Α
	R	0.75	5.9	Α	R	0.76	7.7	Α	R	0.78	6.7	Α
1st Avenue & East 49th Street				_		I		_				_
Westbound (East Side)		0.88	41.1	D	T	0.66	26.1	С	Т	0.83	36.0	D
	R	0.19	16.8	В	R	0.19	16.7	В	R	0.21	16.9	В
Northbound (East Side)		0.86	43.7	D	Т	0.80	25.3	С	T	1.00	81.4	F
Westbound (West Side)		0.88	12.4	В	Т	0.66	5.1	Α	Т	0.83	10.0	В
Northbound (West Side)	LT	0.98	40.0	D	LT	0.88	24.8	С	LT	1.02	51.1	D
1st Avenue & East 53rd Street			07.4				0.0				0.1.1	
Westbound		0.68	27.1	С	TR	0.57	24.3	С	TR	0.66	26.4	C
Northbound		0.84	24.5	С	LT	0.90	28.0	С	LT	1.05	75.2	E
1st Avenue & East 54th Street			00 -	_			=	_			00 -	_
Eastbound		1.05	80.5	F	LT	1.04	79.2	E	LT	1.05	82.2	F
Northbound	T	0.88	20.1	С	TR	0.85	7.8	Α	T	0.92	27.5	С
	R	0.76	15.8	В					R	0.78	10.0	В
1st Avenue & East 55th Street				_		I		_		T		
Westbound	TR	0.81	41.2	D	TR	0.99	71.0	E	TR	0.73	35.0	D
Northbound		1.03	69.2	E	L	0.92	37.9	D	L	1.04	58.0	E
	T	0.91	22.2	С	Т	0.68	4.3	Α	T	0.84	6.8	Α
1st Avenue & East 57th Street			T			I .	1			1		ı
Eastbound		1.04dl	46.8	D	LT	1.00dl	39.8	D	LT	0.54	33.4	С
Westbound	TR	0.38	30.1	С	TR	0.75	39.1	D	TR	0.85	46.1	D
						0.00	L [7 0	Ε	I 1	0.00	33.1	С
Northbound	L	0.43	20.1	С	L	0.99	57.9		L	0.89		
	L T R	0.43 0.94 0.23	20.1 24.8 7.9	C	TR	0.99	6.8	A	T R	0.62	8.0 7.4	A A

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	1.03	63.5	Е	TR	0.80	19.5	В	TR	1.00	55.1	Е
Southbound	L	1.05	63.6	Е	L	0.28	6.9	Α	L	0.78	16.7	В
	T	1.05	51.6	D	T	0.72	11.1	В	T	1.03	37.3	D
Westbound (Tunnel Exit)	L	1.00	74.0	E								
2nd Avenue & East 37th Street		0.27	27./	-		1 0 00	12.0	D		0.04	140	D
Westbound	L T	0.36	27.6 36.9	C D	T	0.20	13.8 14.9	B B	T	0.24	14.8 17.7	B B
Southbound	<u>'</u>	1.04	29.9	С	TR	0.23	18.2	В	T	1.05	50.6	D
Southbound	R	0.09	3.5	A		0.70	10.2	Б	R	0.25	4.3	A
2nd Avenue & East 38th Street		0.07	0.0	,,						0.20	1.0	, ,
Eastbound	TR	0.89	51.8	D	TR	0.71	29.9	С	TR	0.91	49.9	D
Southbound	LT	1.05	60.3	Е	LT	0.95	17.5	В	LT	1.05	54.3	D
2nd Avenue & East 39th Street		•	•			•				•	-	
Westbound	L	0.10	21.2	С	L	0.26	23.5	С	L	0.25	23.3	С
	Т	0.64	34.4	С	T	0.31	23.6	С	T	0.31	23.6	С
Southbound	Τ	1.04	66.0	Е	TR	1.05	59.5	E	T	1.04	57.3	Е
	R	0.91	35.3	D					R	0.76	14.5	В
2nd Avenue & East 40th Street		<u> </u>	.			.	1			•		
Eastbound	T	0.60	38.5	D	T	0.44	20.7	С	T	0.68	27.4	С
0 111	R	0.35	33.8	С	R	0.76	37.7	D	R	0.69	27.0	С
Southbound	LT	0.92	32.6	С	LT	0.96	54.4	D	LT	0.96	44.2	D
2nd Avenue & East 41st Street	TR	0.54	111	D	TR	0.55	30.2	С	TR	0.79	43.7	D
Eastbound Southbound	LT	1.04	44.4 50.9	D D	LT	1.01	41.1	D	LT	1.04	59.9	E
Southbound	R	0.60	16.5	В	R	0.11	8.0	A	R	0.16	5.1	A
2nd Avenue & East 42nd Stree		0.00	10.5	D	- 1	0.11	0.0	Α	- 1	0.10	5.1	Α
Eastbound	TR	0.98	50.5	D	TR	0.79	45.2	D	TR	0.77	22.7	С
Westbound	LT	0.69	17.5	В	LT	0.72	47.3	D	LT	0.90dl	22.9	С
Southbound					L	1.04	70.9	Е				
	LT	0.94	39.3	D	Т	0.98	49.8	D	LT	1.01	62.2	Е
	R	0.67	26.9	С	R	0.89	39.0	D	R	0.69	17.2	В
2nd Avenue & East 43rd Street			1			•				•		
Westbound	LT	0.33	24.7	С	LT	0.23	23.0	С	LT	0.36	25.3	С
Southbound	<u>T</u>	0.95	27.5	С	TR	0.99	47.5	D	T	1.01	53.3	D
2-1 1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	R	0.80	21.4	С					R	0.85	15.6	В
2nd Avenue & East 44th Street		0.70	24.7	D	TD	0.47	22.2	С	TD	0.74	27.4	С
Eastbound Southbound	TR LT	0.72 1.01	36.6 39.9	D D	TR LT	0.66 0.98	23.2 36.0	D	TR LT	0.74 1.03	27.4 49.9	D
2nd Avenue & East 45th Street		1.01	37.7	D	LI	0.90	30.0	D	LI	1.03	47.7	D
Westbound	LT	0.87	67.1	Е	LT	0.62	35.5	D	LT	1.00	62.4	E
Southbound	T	0.99	36.2	D	TR	1.01	39.8	D	T	1.02	49.5	D
	R	0.93	34.5	С					R	0.66	14.3	В
2nd Avenue & East 46th Street										-		
Eastbound	TR	0.59	33.8	С	Т	0.51	31.6	С	TR	1.05dr	46.6	D
					R	1.05	97.7	F				
Southbound	LT	1.01	49.6	D	LT	0.96	41.1	D	LT	1.01	48.6	D
2nd Avenue & East 47th Street												
Westbound	<u>L</u>	0.16	45.3	D	L	0.14	46.8	D	L	0.06	16.7	В
2	<u>T</u>	0.56	54.5	D	TD	0.32	50.2	D	T	0.46	18.4	В
Southbound	T	1.03	50.0	D	TR	1.05	42.6	D	T	1.03	36.9	D
2nd Avenue & East 48th Street	R	0.64	8.9	Α					R	0.97	34.9	С
Eastbound	TR	1.04	73.9	E	TR	1.05	80.9	F	TR	1.05	83.4	F
Southbound	LT	1.04	62.5	E	LT	1.05	55.3	E E	LT	0.98	56.0	E E
Southbould	LI	1.00	02.0	L	LI	1.03	JJ.J	L	LI	0.70	50.0	L

		AM Pea	k Hour		M	lidday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
2nd Avenue & East 49th Stree Westbound	L	0.62	14.6	В	1	0.93	53.7	D	L	1.04	73.4	Е
Westpoulin	T	0.82	14.0	В	T	0.93	18.9	В	T	0.37	18.6	В
Southbound		1.05	58.8	E	T	0.92	49.2	D	T	1.04	53.0	D
Southbound	R	0.85	21.1	С	R	0.61	11.0	В	R	0.45	2.8	A
2nd Avenue & East 50th Stree		0.00				0.0.		_		00		
Eastbound	TR	0.52	33.3	С	TR	0.56	34.9	С	TR	0.48	16.7	В
Southbound	LT	1.04	42.1	D	LT	1.03	43.9	D	LT	1.01	42.6	D
2nd Avenue & East 51st Street												
Westbound	L	0.76	57.0	E								
	T	0.59	36.9	D	LT	0.68	35.2	D	LT	0.68	34.6	С
Southbound	T	0.99	47.6	D	TR	0.95	39.6	D	T	0.94	25.2	С
0 14 0 5 150 101	R	0.84	25.1	С					R	0.86	24.4	С
2nd Avenue & East 52nd Stree Eastbound	et TR	0.77	39.2	D	TR	0.86	44.1		TR	0.81	51.0	D
Eastbound Southbound		1.01	39.2 41.1	D D	LT	0.86	23.1	D C	LT	0.81	13.4	D B
2nd Avenue & East 53rd Stree		1.01	1 41.1	D	LI	0.70	۷.۱	U	LI	0.70	13.4	ם
Westbound	LT	0.95	47.4	D	LT	1.04dl	61.3	E	LT	0.87	48.2	D
Southbound	T	0.95	28.8	С	TR	0.94	24.1	С	T	0.97	23.2	С
	R	0.59	17.5	В					R	0.60	9.2	Α
2nd Avenue & East 54th Stree	t											
Eastbound	TR	0.57	27.6	С	TR	0.55	25.3	С	TR	0.45	30.2	С
Southbound	LT	1.03	47.8	D	LT	1.01	46.3	D	LT	1.03	47.5	D
2nd Avenue & East 55th Stree	t											
Westbound		0.30	17.5	В	L	0.75	24.9	С	L	0.34	27.6	С
	T	0.85	31.6	С	Т	1.05	71.8	E	T	1.05	76.6	Е
Southbound	T	1.04	63.5	E	T	1.02	64.8	E	T	1.02	55.5	E
2nd Avenue 0 Feet F/th Char	R	0.21	11.7	В	R	0.46	13.6	В	R	0.17	3.7	А
2nd Avenue & East 56th Stree Eastbound	T	0.71	28.7	С	Т	0.50	11.7	В	T	0.60	26.1	С
Easibound	R	0.71	29.7	С	R	0.53	15.6	В	R	0.80	22.1	С
Southbound	LT	0.99	53.2	D	LT	1.02	64.5	E	LT	0.94	52.6	D
2nd Avenue & East 57th Stree		0177	00.2			1102	0 110	_		0171	02.0	
Eastbound	TR	1.02	96.7	F	TR	1.03	70.8	Е	TR	1.04	66.5	Е
Westbound	L	1.05	92.7	F								
	LT	1.05	77.1	Е	LT	0.74	35.2	D	LT	0.46	25.6	С
Southbound	L	0.49	29.6	С	L	0.18	19.9	В	L	0.51	16.1	В
	T	0.89	31.8	С	T	0.97	37.8	D	T	0.90	21.5	С
	R	0.91	64.0	E	R	0.84	42.3	D	R	0.69	23.4	С
2nd Avenue & East 59th Stree	t ,	1.00	40.0	Г.	ı	0.00	45.0		ı	1.05	F7 /	F
Eastbound	TR	1.03 0.38	49.9 17.7	D B	TR	0.98	45.2 19.2	D B	TR	1.05 0.73	57.6 27.8	E C
Southbound	ıĸ	1.05	69.6	E B	I K	0.49	49.9	D R	L	1.00	52.6	D
Southboulla	LT	1.05	64.0	E	LT	1.05	57.2	E	LT	1.05	56.6	E
2nd Avenue & East 60th Stree		1.00	0 1.0	_	L1	1.00	51.2	_		1.00	55.0	_
Westbound	LT	0.04	14.4	В	LT	0.01	14.2	В	LT	0.02	14.2	В
Southbound	L	0.05	14.6	В			-		L	0.06	14.8	В
	T	0.97	81.9	F	LTR	1.05	80.0	F	T	1.05	79.1	E
	R	0.13	15.9	В					R	0.11	15.6	В
Westbound (Bridge Exit)	L	0.89	39.8	D	L	0.92	42.9	D	L	0.92	41.2	D
	Т	1.03	68.8	Е	T	0.66	27.8	С	T	0.98	59.5	E
Tunnel Exit Street & East 37th												
Westbound	TR	0.18	7.1	A	TR	0.50	40.1	D	TR	0.36	44.5	D
North-Westbound		0.24	0.1	A	L	0.18	0.1	A	L	0.21	0.1	A
	R	0.50	17.6	В	R	0.42	10.7	В	R	0.42	10.8	В

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Tunnel Exit Street & East 39th	Street											
Westbound	TR	1.05	86.8	F	TR	1.05	85.0	F	TR	0.84	44.5	D
Northbound					L	0.92	74.7	E				
	LT	0.25	6.8	Α	Т	0.09	20.1	С	LT	1.02dl	10.9	В
Tunnel Exit Street & East 40th		•		•		1	1			_	· '	
Eastbound		0.73	50.4	D	LT	0.70	31.0	С	LT	0.77	28.7	С
Northbound		0.19	14.4	В	TR	0.21	5.6	Α	TR	0.21	11.2	В
3rd Avenue & East 36th Street						1						
Eastbound		0.88	41.6	D	LT	0.54	20.5	С	LT	0.73	27.3	С
Northbound		0.74	26.3	С	TR	0.87	33.7	С	TR	0.51	19.0	В
	R	0.94	0.88	F	R	0.70	55.7	E	R	1.04	113.8	F
3rd Avenue & East 37th Street		0.54	445	-		l o 47	444	-		0.40	45.0	
Westbound		0.51	14.5	В	TR	0.47	14.6	В	TR	0.49	15.2	В
A1 -11 1 - 1	R	0.67	54.3	D	R	0.69	54.9	D	R	0.90	82.3	F
Northbound		0.88	23.1	С	LT	0.88	58.6	E	LT	0.54	5.5	А
3rd Avenue & East 38th Street		0.00	21 5		1 7	0.40	21 5	-	1 7	0.7	2//	
Eastbound		0.30	31.5	С	LT	0.42	31.5	С	LT	0.67	36.6	D
Northbound		0.83	17.6	В	T	0.89	45.2	D	T	0.59	9.8	A
2nd Avenue 0 Feet 20th Chart	R	0.54	12.7	В	R	0.37	11.7	В	R	0.33	8.9	А
3rd Avenue & East 39th Street		1 01	00.1	-		1.05	71.0			0.70	40.0	
Westbound	T R	1.01	80.1 75.4	F	T R	1.05 0.75	71.8 33.8	E C	T	0.79	48.2	D C
Northbound				E					R		24.0	
Northbound		1.04	70.9	E	LT	1.04	69.2	E	LT	0.92	38.7	D
3rd Avenue & East 40th Street Eastbound		0.71	41.5	D	LT	0.79	53.6	D	LT	1.00	114.1	F
Northbound		1.01	47.1	D	T	1.02	44.4	D	T	1.04	66.3	E
Northbourid	R	0.65	25.8	С	R	0.87	34.0	С	R	0.94	64.9	E
3rd Avenue & East 41st Street		0.05	25.0	C	IX	0.07	34.0	C	IX	0.74	04.7	
Eastbound					L	0.93	87.3	F				
Lasibound	LT	0.64	58.3	E	T	0.73	39.0	D	LT	1.01	69.6	E
Westbound		1.01	88.7	F	R	1.03	99.5	F	R	0.80	54.8	D
Northbound		0.97	65.6	E	T	0.85	26.6	C	T	0.96	51.1	D
Northboard	R	0.30	13.9	В	R	0.26	14.7	В	R	0.25	12.6	В
3rd Avenue & East 42nd Stree		0.00				0.20				0.20		
Eastbound		0.94	60.6	Е	L	0.83	65.7	Е	L	0.99	85.6	F
	T	0.85	21.0	С	T	0.95	62.1	E	T	0.81	43.5	D
Westbound	T	0.68	40.5	D	T	0.71	37.3	D	T	0.60	35.3	D
	R	0.97	100.2	F	R	1.01	99.6	F	R	0.96	90.3	F
Northbound	LT	1.01	75.9	Е	LT	1.00	67.0	Е	LT	0.91	47.8	D
	R	0.43	23.1	С	R	0.75	39.5	D	R	0.75	38.1	D
3rd Avenue & East 43rd Street												
Westbound	TR	0.44	20.3	С	TR	0.66	18.9	В	TR	0.60	18.3	В
	R	0.48	21.6	С								
Northbound	LT	0.95	23.7	С	LT	0.95	22.4	С	LT	0.93	42.2	D
3rd Avenue & East 44th Street												
Eastbound	LT	0.27	26.8	С	LT	0.20	26.1	С	LT	0.25	26.6	С
Northbound	T	0.92	26.2	С	T	0.95	49.3	D	T	1.05	58.9	Е
	R	0.82	30.8	С	R	0.94	48.4	D	R	0.96	46.4	D
3rd Avenue & East 45th Street												
Westbound		0.90	47.8	D	T	0.47	17.2	В	T	0.60	12.8	В
	R	0.66	57.7	Е	R	0.57	38.2	D	R	0.73	36.9	D
Northbound	LT	1.00	47.2	D	LT	1.05	73.8	E	LT	1.02	59.9	Е

Interception 9 Approach		AM Pea	k Hour		M	idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
3rd Avenue & East 46th Street			(000)				(000)				(000)	
Eastbound	L	0.50	38.4	D	L	0.25	28.7	С	L	0.33	41.0	D
	Т	0.35	12.5	В	T	0.45	10.4	В	Т	0.58	24.3	С
Northbound	Т	0.93	42.6	D	Т	1.00	58.3	Е	Т	1.04	57.5	Е
	R	0.47	19.3	В	R	0.99	41.8	D	R	0.79	16.5	В
3rd Avenue & East 47th Street												
Westbound	Т	0.90	41.3	D	Т	0.85	39.3	D	Т	0.82	37.0	D
	R	0.55	17.4	В	R	0.66	29.5	С	R	0.61	27.5	С
Northbound	LT	1.04	58.8	Е	LT	1.03	67.8	Е	LT	1.04	67.0	Е
3rd Avenue & East 48th Street		•				•				•		
Eastbound	L	0.24	19.3	В	L	0.24	21.0	С	L	0.23	21.2	С
	Т	0.52	23.9	С	Т	0.38	23.3	С	Т	0.48	23.4	С
Northbound	Т	0.92	24.6	С	Т	1.01	73.5	Е	Т	1.02	71.4	Е
	R	0.64	19.9	В	R	0.89	46.1	D	R	0.90	45.3	D
3rd Avenue & East 49th Street												
Westbound	T	0.95	53.5	D	T	0.46	16.8	В	T	0.59	22.7	С
	R	0.53	43.7	D	R	0.39	39.4	D	R	0.51	46.8	D
Northbound	LT	0.97	64.3	E	LT	1.04	74.6	Ε	LT	1.04	73.9	Ε
3rd Avenue & East 50th Street												
Eastbound	L	0.21	12.2	В	L	0.31	6.7	Α	L	0.63	24.6	С
	Τ	0.43	13.3	В	Τ	0.45	7.9	Α	Τ	0.70	26.7	С
Northbound	Τ	1.03	71.8	E	Τ	1.03	66.5	Ε	Τ	1.00	63.4	Ε
	R	1.01	73.6	E	R	1.01	72.0	Е	R	0.58	19.9	В
3rd Avenue & East 51st Street												
Westbound	Т	0.73	33.4	С	Т	0.74	30.1	С	Т	1.04	78.3	Е
	R	0.38	21.2	С	R	0.37	19.3	В	R	0.64	27.2	С
Northbound	LT	1.05	68.6	Е	LT	0.98	46.5	D	LT	1.00	74.9	Е
3rd Avenue & East 52nd Stree												
Eastbound	LT	0.71	23.8	С	LT	0.75	20.0	В	LT	0.84	40.0	D
Northbound	Т	1.01	51.2	D	Т	0.97	37.2	D	Т	1.02	70.0	Е
	R	0.97	52.4	D	R	0.96	60.8	Е	R	0.82	50.3	D
3rd Avenue & East 53rd Street		•								•		
Westbound		1.01	65.5	E	T	0.53	10.6	В	T	0.95	38.4	D
	R	0.95	88.3	F	R	0.73	36.6	D	R	0.80	52.9	D
Northbound	LT	0.99	50.0	D	LT	0.95	40.4	D	LT	1.04	70.6	Е
3rd Avenue & East 54th Street		-		_		I -	I	_				_
Eastbound		0.67	46.8	D	L	0.93	65.7	E	L	0.53	56.0	E
	T	0.52	20.1	C	T	0.63	21.1	C	T	0.63	37.9	D
Northbound	T	0.96	63.4	E	T	0.93	66.1	E	T	0.99	73.0	E
	R	0.68	35.3	D	R	0.69	36.2	D	R	0.81	43.7	D
3rd Avenue & East 55th Street		0.50	46.5	_	_	0.00	00.5	-	_	4.50	16.5	_
Westbound		0.92	42.6	D	T	0.81	30.8	С	T	1.03	62.9	E
	R	0.87	50.9	D	R	0.99	68.4	E	R	0.95	66.4	E
Northbound	LT	1.02	48.4	D	LT	1.03	52.7	D	LT	1.04	61.9	E
3rd Avenue & East 56th Street		0.00	47.0	-		0.00	05.0	-		1 4 0 :	/07	_
Eastbound (West Side)		0.80	47.3	D	LT	0.92	95.9	F	LT	1.04	69.7	E
Northbound (West Side)	T	1.00	40.8	D	T	0.92	28.7	С	T	1.05	67.0	E
Eastbound (East Side)		0.89	29.0	С	LT	0.86	20.6	С	LT	0.59	3.9	A
Northbound (East Side)	TR	0.51	14.6	В	TR	1.02	78.9	E	TR	1.04	41.1	D

Signalized intersections			AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Eastbound (West Side)	Intersection & Approach (Signalized Intersections)	Movt.		,	LOS	Movt.		_	LOS	Movt.		,	LOS
Westbound (West Side)	3rd Avenue & East 57th Street												
Northbound (West Side)	Eastbound (West Side)	LT	0.83	63.4	Е	LT	0.92	115.9	F	LT	0.99	99.7	F
Eastbound (East Side)	Westbound (West Side)	TR	0.79	12.8	В	TR	0.76	20.9	С	TR	0.72	18.9	В
Westbound (East Side)	Northbound (West Side)	LT	0.90	21.2	С	LT	0.99	39.1	D	LT	0.99	35.2	D
Northbound (East Side)	Eastbound (East Side)	T	0.54	9.4	Α	Т	1.04	54.2	D	Т	0.84	13.3	В
Northbound (East Side)	Westbound (East Side)	T	0.76	17.8	В	Т	0.66	29.9	С	Т	0.75	48.1	D
R			0.73	18.9	В		0.56	28.3			0.72		
State Stat	Northbound (East Side)		0.81	41.7		TR	1.05	68.1		TR	1.04		
Eastbound			0.32	26.3	С	R	1.04	81.8	F	R	1.05	67.5	E
Northbound T 0.66 9.1 A T 0.58 8.2 A T 0.51 6.3 A				I			ı	I			I	ı	I
R													
Lexington Avenue & East 36th Street	Northbound	-									-		
Eastbound			1.01	65.2	E	R	0.86	37.4	D	R	1.04	78.7	E
Southbound CT 0.97 20.7 C LT 0.95 21.4 C LT 0.87 12.8 B			0.57	F0 F		TO	0.50	4/4	7	TO	0.77	F7 4	_
Eastbound T 0.38 36.5 D T 0.59 42.6 D T 0.70 37.4 D													
Eastbound			0.97	20.7	C	Ll	0.95	21.4	C	Ll	0.87	12.8	R
R			U 30	24 F	D	т	0.50	12.6	D	т	0.70	27 /	D
Southbound L 0.12 1.3 A L 0.16 2.1 A L 0.12 1.2 A T 0.98 16.5 B T 0.83 10.5 B T 0.51 1.7 A	Easibonia		-										
T 0.98 16.5 B T 0.83 10.5 B T 0.51 1.7 A	Southhound												
Nestbound Color	Southboard										-		
Westbound	Lexinaton Avenue & Fast 39th		0.70	10.5	D	'	0.03	10.5	Ь	'	0.51	1.7	Λ
T		1	1 03	65.7	F	ı	1 03	74.5	F	ı	0.68	46.6	D
Southbound T 0.98 39.9 D T 0.99 28.3 C TR 0.94 19.4 B R 0.74 21.7 C R 0.74 18.3 B	Westboaria	T	-			T							
R	Southbound												
Eastbound			-										
Eastbound	Lexington Avenue & East 40th	Street											
Southbound LT 1.04 70.0 E LT 1.03 65.3 E LT 0.79 6.5 A			0.72	26.7	С	Т	0.58	20.4	С	Т	0.49	22.3	С
Eastbound T 0.70 10.6 B T 0.90 42.5 D T 0.89 42.2 D		R	1.04	100.5	F	R	0.47	39.6	D	R	1.05	98.3	F
Eastbound	Southbound	LT	1.04	70.0	Е	LT	1.03	65.3	Е	LT	0.79	6.5	А
R 0.26 12.6 B R 0.88 58.9 E R 0.27 25.0 C	Lexington Avenue & East 42nd	Street											
Westbound	Eastbound	T	0.70	10.6	В	Т	0.90	42.5	D	T	0.89	42.2	D
Southbound L 0.62 22.0 C L 0.42 20.4 C L 0.87 41.7 D		R	0.26	12.6	В	R	0.88	58.9	Е	R	0.27	25.0	С
T 0.99 55.2 E T 0.82 27.7 C T 0.94 51.3 D		LT								LT			
R 0.87 39.7 D R 0.69 24.9 C R 0.77 35.3 D	Southbound									L			
Lexington Avenue & East 44th Street			-										
Southbound			0.87	39.7	D	R	0.69	24.9	С	R	0.77	35.3	D
Lexington Avenue & East 45th Street			4.00	40.1	-		4.0-	,,,	_		40:	(0.0	_
Westbound L 0.65 32.1 C LT 0.78 43.2 D LT 0.99 62.3 E			1.00	40.1	Ŋ	Ll	1.05	66.1	Ł	Ll	1.04	68.3	Ł
T 0.69 30.3 C LT 0.78 43.2 D LT 0.99 62.3 E		Street	0.75	22.1									
Southbound T 0.89 23.2 C T 0.96 49.6 D T 0.92 37.8 D	Westbound	L	-			ıт	0.70	42.2	7	ıт	0.00	(2.2	г
R 0.77 29.3 C R 0.16 8.1 A R 0.35 11.9 B Lexington Avenue & East 46th Street Eastbound T 0.64 56.9 E T 0.82 56.1 E T 1.00 43.2 D R 0.65 61.1 E R 0.14 45.5 D R 0.29 27.6 C Southbound LT 0.94 22.1 C LT 0.99 33.2 C LT 1.00 28.5 C Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	Carthharma												
Lexington Avenue & East 46th Street Eastbound T 0.64 56.9 E T 0.82 56.1 E T 1.00 43.2 D R 0.65 61.1 E R 0.14 45.5 D R 0.29 27.6 C Southbound LT 0.94 22.1 C LT 0.99 33.2 C LT 1.00 28.5 C Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	Souinbound												
Eastbound T 0.64 56.9 E T 0.82 56.1 E T 1.00 43.2 D R 0.65 61.1 E R 0.14 45.5 D R 0.29 27.6 C Southbound LT 0.94 22.1 C LT 0.99 33.2 C LT 1.00 28.5 C Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	Levington Avenue 9 East 44th		0.77	29.3	C	K	U. 10	Ö. I	А	K	0.33	11.9	D
R 0.65 61.1 E R 0.14 45.5 D R 0.29 27.6 C Southbound LT 0.94 22.1 C LT 0.99 33.2 C LT 1.00 28.5 C Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	, and the second		0.64	56.0	F	Т	U 85	56.1	F	Т	1 00	12.2	D
Southbound LT 0.94 22.1 C LT 0.99 33.2 C LT 1.00 28.5 C Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	Lasibuullu	•	-										
Lexington Avenue & East 47th Street Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	Southhound												
Westbound L 0.71 39.8 D L 1.03 94.4 F L 0.97 85.4 F T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D			0.74	۷۷.۱	J		0.77	JJ.Z	J		1.00	20.0	J
T 0.59 14.7 B T 0.98 51.7 D T 1.01 65.6 E Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D			0.71	39.8	D	I	1.03	94.4	F	I	0.97	85.4	F
Southbound T 0.89 25.2 C T 0.97 37.0 D T 1.02 46.0 D	VVOSIDOUTIU	T								T			
	Southbound	-	 							-			-
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		 	24.5		R		33.3		R	0.76	26.1	С

Signalized Intersections Mov. Ratio Georgi Cos Mov. Ratio Georgi Cos Mov. Ratio Georgi Cos Mov. Ratio Georgi Cos Cos Mov. Ratio Georgi Cos C			AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Maile Sec	Intersection & Approach	Move	v/c	Delay	1.00	Movet	v/c	Delay	1.00	Movet	v/c	Delay	1.00
Eastbound	(Signalized intersections)	wovt.	Ratio	(sec)	LUS	wovt.	Ratio	(sec)	LU3	WOVI.	Ratio	(sec)	LU3
R	Lexington Avenue & East 48th	Street											
Mestington Avenue & East 49th Street	Eastbound	Т	0.66	35.2	D	Т	1.03	84.1	F	Т	0.97	66.2	Ε
Mesibound		R	0.92	89.8	F	R	1.05	112.7	F	R	0.99	99.2	F
Westbound	Southbound	LT	0.98	40.1	D	LT	0.89	24.4	С	LT	0.96	52.4	D
Mathematical Normal	Lexington Avenue & East 49th	Street											
Southbound	Westbound	L	0.46	35.4	D								
Residence Resi		Τ	0.40	30.7	С	LT	0.53	29.8	С	LT	0.64	38.4	D
Lexington Avenue & East 50th Street	Southbound	Т	0.86	18.8	В	Τ	0.97	29.9	С	Т	0.89	32.4	С
Eastbound		R	0.63	18.8	В	R	0.34	14.3	В	R	0.34	14.3	В
Southbound	Lexington Avenue & East 50th	Street											
Mesthon	Eastbound	TR	0.93	44.9	D	TR	0.38	27.1	С	TR	0.34	23.9	С
Mestbound	Southbound	LT	1.03	52.2	D	LT	0.94	26.0	С	LT	1.02	52.2	D
Southbound	Lexington Avenue & East 51st	Street											
Southbound T 0.87 21.8 C T 1.00 53.6 D T 0.85 19.2 B	Westbound	L	0.55	43.0	D	L	0.93	76.7	Е	L	0.90	51.2	D
R		T	0.48	21.3	С	Т	0.80	41.7	D	T	0.91	37.2	D
Lexington Avenue & East 52nd Street	Southbound	Т	0.87	21.8	С	Т	1.00	53.6	D	Т	0.85	19.2	В
Eastbound		R	0.54	13.6	В	R	1.04	98.0	F	R	0.48	13.8	В
R	Lexington Avenue & East 52nd	Street						•					
Southbound	Eastbound	Т	0.53	20.0	В	Т	0.87	38.7	D	Т	0.56	25.1	С
Lexington Avenue & East 53rd Street		R	0.76	50.2	D	R	0.91	65.6	Е	R	0.87	57.1	Е
Mestbound	Southbound	LT	1.00	47.9	D	LT	0.83	22.9	С	LT	0.96	32.3	С
Mestbound	Lexington Avenue & East 53rd	Street									•		
Southbound T 1.02 71.7 E T 0.93 19.4 B T 0.73 13.7 B		L	0.49	15.7	В	L	0.07	21.9	С	L	0.18	16.8	В
R		Т	1.04	69.7	Е	Т	0.75		С	Т	0.85	31.0	С
R	Southbound	Т	1.02	71.7		Т	0.93	19.4	В	Т	0.73	13.7	
Park		R	0.78		F	R	0.62	26.1	С	R	0.35	16.0	В
Eastbound	Lexington Avenue & East 54th												
Name			0.80	24.7	С	TR	0.88	34.2	С	TR	0.65	25.6	С
New		R											
New	Southbound				С	LT	0.94	22.6	С	LT	0.91	19.3	В
Mestbound													
T 0.58 16.3 B T 0.79 35.6 D T 0.71 21.9 C		L	0.70	38.6	D	L	0.97	75.2	Е	L	0.82	45.5	D
Southbound T 0.96 27.1 C T 0.92 24.8 C T 0.80 14.6 B R 0.30 12.4 B R 0.57 19.1 B R 0.46 13.6 R 0.46 13.6 B R 0.46 13.6 R		 T				T				T			
R 0.30 12.4 B R 0.57 19.1 B R 0.46 13.6 B	Southbound	T											
Lexington Avenue & East 56th Street Eastbound T 0.52 15.2 B T 0.63 17.7 B T 0.73 16.6 B Southbound LT 0.99 63.6 E LT 0.91 33.0 C LT 0.93 38.6 D Lexington Avenue & East 57th Street Users Eastbound T 0.75 24.9 C T 0.72 22.2 C T 1.02 57.7 E Eastbound T 0.75 24.9 C T 0.72 22.2 C T 1.02 57.7 E Westbound LT 0.81 45.8 D LT 0.84 46.1 D LT 0.80 44.2 D Southbound LT 0.93 55.2 E LT 0.85 32.4 C LT 0.91 39.5 D Park Avenue & East 36th Street Users <td></td>													
Eastbound T 0.52 15.2 B T 0.63 17.7 B T 0.73 16.6 B Southbound LT 0.93 52.6 D R 1.02 78.2 E R 0.83 45.8 D Southbound LT 0.99 63.6 E LT 0.91 33.0 C LT 0.93 38.6 D Lexington Avenue & East 57th Street ***********************************	Lexington Avenue & East 56th			-									
R 0.73 52.6 D R 1.02 78.2 E R 0.83 45.8 D			0.52	15.2	В	Т	0.63	17.7	В	T	0.73	16.6	В
Southbound LT 0.99 63.6 E LT 0.91 33.0 C LT 0.93 38.6 D													
Lexington Avenue & East 57th Street Eastbound Properties (and the properties) T 0.75 24.9 C T 0.72 22.2 C T 1.02 57.7 E R 0.76 29.4 C R 0.64 20.6 C R 0.55 29.5 C Westbound Westbound LT 0.81 45.8 D LT 0.84 46.1 D LT 0.80 44.2 D Southbound LT 0.93 55.2 E LT 0.85 32.4 C LT 0.91 39.5 D Park Avenue & East 36th Street B R 0.35 21.0 C R 0.35 20.0 B Eastbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0	Southbound										-		
Eastbound T 0.75 24.9 C T 0.72 22.2 C T 1.02 57.7 E R 0.76 29.4 C R 0.64 20.6 C R 0.55 29.5 C Westbound LT 0.81 45.8 D LT 0.84 46.1 D LT 0.80 44.2 D Southbound LT 0.93 55.2 E LT 0.85 32.4 C LT 0.91 39.5 D Park Avenue & East 36th Street B R 0.35 21.0 C R 0.35 20.0 B Eastbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (W									-				
R 0.76 29.4 C R 0.64 20.6 C R 0.55 29.5 C			0.75	24.9	С	Т	0.72	22.2	С	Т	1.02	57.7	E
Westbound LT 0.81 45.8 D LT 0.84 46.1 D LT 0.80 44.2 D Southbound Southbound (West Side) LT 0.93 55.2 E LT 0.85 32.4 C LT 0.91 39.5 D Park Avenue & East 36th Street Southbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A	_ 55155 5110												
Southbound LT 0.93 55.2 E LT 0.85 32.4 C LT 0.91 39.5 D Park Avenue & East 36th Street Eastbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A	Westbound												
R 0.22 16.2 B R 0.35 21.0 C R 0.35 20.0 B Park Avenue & East 36th Street 5 5 5 5 5 5 6 7 6 21.0 C R 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A													
Park Avenue & East 36th Street Eastbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A	o dan o di la										 		
Eastbound (West Side) TR 0.53 23.7 C TR 0.56 24.3 C TR 0.78 35.2 D Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A	Park Avenue & East 36th Stree			. 5.2	_		3.50			.,	1 3.50	_0.0	_
Southbound (West Side) LT 0.69 11.0 B LT 0.67 8.7 A LT 0.64 9.1 A Eastbound (East Side) LT 0.47 9.0 A LT 0.45 8.6 A LT 0.46 7.5 A			0.53	23.7	С	TR	0.56	24.3	С	TR	0.78	35.2	D
Eastbound (East Side)	, ,												
· · ·	, ,												
	Northbound (East Side)	TR	0.47	16.0	В	TR	0.56	17.7	В	TR	0.55	17.4	В

Interception O Americals		AM Pea	k Hour		IV	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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 Stree	et											
Eastbound (West Side)	TR	0.52	23.4	С	TR	0.56	24.3	С	TR	0.74	33.9	С
Southbound (West Side)	LT	0.86	16.9	В	LT	0.67	9.8	Α	LT	0.63	6.7	Α
Eastbound (East Side)		0.32	9.2	Α	L	0.23	8.1	Α	L	0.22	7.4	Α
	Т	0.28	7.4	Α	Т	0.36	7.5	Α	Т	0.34	6.5	Α
Northbound (East Side)	TR	0.68	10.3	В	TR	0.70	15.7	В	TR	0.86	18.7	В
Park Avenue & East 39th Stree	et	_										
Westbound (East Side)	TR	1.03	73.4	Е	TR	1.03	81.3	F	TR	1.03	74.1	Е
Northbound (East Side)	LT	0.57	74.7	Е	LT	0.53	28.0	С	LT	0.86	33.9	С
Westbound (West Side)	LT	0.92	83.3	F	LT	0.77	74.4	E	LT	0.91	60.7	E
Southbound (West Side)	Т	0.64	39.4	D	Т	0.58	26.5	С	Т	0.70	22.7	С
	R	0.89	43.4	D	R	0.48	18.0	В	R	0.92	28.5	С
Park Avenue & East 40th Stree	et	-								-		
Eastbound (West Side)	TR	0.89	105.1	F	TR	1.00	116.2	F	TR	0.95	81.3	F
Southbound (West Side)		1.03	79.2	Е	Т	1.04	76.6	Е	Т	1.04	76.7	Е
Eastbound (Tunnel Exit)	LT	0.87	41.0	D	LT	1.02	46.7	D	LT	0.98	40.7	D
Northbound (Tunnel Exit)	Т	0.78	14.4	В	Т	0.68	15.4	В	Т	0.83	20.2	С
Eastbound (East Side)	LT	0.93	39.1	D	LT	0.95	25.9	С	LT	0.87	16.2	В
Northbound (East Side)		0.88	34.9	С	TR	0.76	21.1	С	TR	1.01	48.0	D
Park Avenue & East 46th Stree		0.00	01.7	Ü		0.70	2	0	111	1.01	10.0	
Eastbound (West Side)		0.34	21.9	С	Т	0.78	36.6	D	Т	0.96	70.9	Е
Lasibouria (West Side)	R	0.25	26.5	С	R	0.78	28.7	С	R	0.37	23.2	С
Southbound (West Side)		0.45	24.2	С	L	0.28	15.1	В	1	0.60	39.1	D
Southbound (West Side)	T	0.43	30.8	С	T	1.03	43.6	D	T	1.03	43.2	D
Eastbound (East Side)	L	0.46	20.5	С	'	0.72	26.2	С	'	0.66	13.7	В
Easibound (Easi Side)	T	0.40	25.6	С	T	1.05	72.4	E	T	1.04	50.9	D D
Northhound (Fact Cida)	-			С	T			C	T			С
Northbound (East Side)		0.75	25.2	C	ı	0.81	30.0	C	ı	0.83	32.9	C
Park Avenue & East 47th Stree		0.70	10.7	Ь		1 0 0/	F/ 1			0.00	22.2	0
Westbound (East Side)		0.62	19.7	В	T	0.96	56.1	E	T	0.80	22.2	С
New Helenson de / Earth Clate	R	0.39	16.4	В	R	0.77	45.1	D	R	0.69	21.3	С
Northbound (East Side)		0.11	7.7	A	L	0.14	40.2	D	L	0.18	23.4	С
M- 11 1/41 1011	T	0.86	14.5	В	T	0.96	28.9	С	T	1.01	68.5	E
Westbound (West Side)		0.69	14.2	В	LT	1.04	66.7	E	LT	0.79	20.6	С
Southbound (West Side)		0.89	29.5	С	TR	0.88	19.6	В	TR	0.96	43.2	D
Park Avenue & East 48th Stree		6.7:	0.1.5	_			66.				6= -	
Eastbound (West Side)		0.56	21.3	С	T	0.55	20.4	С	T	0.54	35.5	D
	R	0.25	15.3	В	R	0.23	18.0	В	R	0.24	29.2	С
Southbound (West Side)		0.36	101.8	F	L	0.23	93.6	F	L	0.21	48.8	D
	T	1.04	59.5	Е	T	1.03	56.2	E	T	0.91	22.3	С
Eastbound (East Side)		0.78	27.7	С	LT	0.84	26.8	С	LT	0.85	29.6	С
Northbound (East Side)		0.90	22.3	С	TR	0.89	20.9	С	TR	0.96	42.4	D
Park Avenue & East 49th Stree			•							•	T	
Westbound (East Side)		0.90	40.3	D	Т	0.78	22.4	С	Т	0.86	31.3	С
	R	0.57	26.7	С	R	0.40	10.9	В	R	0.53	13.8	В
Northbound (East Side)	L	0.18	12.8	В	L	0.20	14.8	В	L	0.18	13.0	В
	T	0.94	26.2	С	Т	0.97	30.1	С	Т	1.00	38.0	D
Westbound (West Side)	LT	0.99	37.7	D	LT	0.84	18.3	В	LT	0.94	32.8	С
Southbound (West Side)	TR	0.88	23.7	С	TR	0.88	21.9	С	TR	0.86	23.6	С

Interception C. Approach		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 50th Stree	2 †	Kallo	(Sec)			Katio	(Sec)			Katio	(Sec)	
Eastbound (West Side)	T	0.66	20.2	С	T	0.75	20.1	С	T	0.79	39.2	D
Lastbouria (West Side)	R	0.29	13.6	В	R	0.70	22.6	С	R	0.53	28.6	С
Southbound (West Side)	L	0.16	39.2	D	L	0.20	11.5	В	L	0.17	13.1	В
(Treet elas)	T	0.85	16.0	В	T	0.97	32.1	С	T	0.97	34.0	С
Eastbound (East Side)	LT	0.87	28.9	С	LT	0.97	47.3	D	LT	1.04	70.9	E
Northbound (East Side)	TR	0.94	24.2	С	TR	0.84	21.6	С	TR	0.85	26.5	С
Park Avenue & East 51st Stree	et											
Westbound (East Side)	Т	0.64	23.8	С	Т	1.01	92.4	F	Т	0.64	27.4	С
	R	0.62	40.2	D	R	0.65	36.5	D	R	0.54	28.1	С
Northbound (East Side)	L	0.14	27.3	С	L	0.23	42.4	D	L	0.18	22.4	С
	T	0.89	23.2	С	Т	0.99	43.9	D	Т	1.00	66.5	Е
Westbound (West Side)	LT	0.82	23.7	С	LT	0.99	53.1	D	LT	0.81	24.6	С
Southbound (West Side)	T	0.73	11.8	В	TR	0.95	25.8	С	TR	0.79	17.1	В
	R	0.91	28.1	С								
Park Avenue & East 52nd Stre												
Eastbound (West Side)	TR	0.73	21.9	С	TR	0.90	38.6	D	TR	0.72	23.9	С
Southbound (West Side)	L	0.14	41.2	D	L	0.19	31.3	С	L	0.15	31.2	С
	T	1.02	38.6	D	T	0.90	24.9	С	T	0.93	20.8	С
Eastbound (East Side)	LT	0.79	20.3	С	LT	0.87	24.6	С	LT	1.00	52.8	D
Northbound (East Side)	TR	0.91	20.5	С	TR	0.95	27.9	С	TR	0.99	49.2	D
Park Avenue & East 53rd Stree	et T	1.05	/2 F			0 / 7	20.0			0.77	45.0	
Westbound (East Side)	R	1.05 0.93	62.5 49.7	E D	T R	0.67 0.51	39.8 37.1	D D	T	0.77	45.0 32.9	D C
Northbound (East Side)		0.93	14.6	В	I I	0.51	15.2	В	R	0.45	15.0	В
Northbourid (East Side)	T	0.10	21.3	С	T	1.01	46.9	D	T	1.04	62.2	E
Westbound (West Side)	LT	1.00	32.8	С	LT	0.98	45.8	D	LT	0.94	32.1	С
Southbound (West Side)	TR	0.95	26.9	С	TR	0.86	18.9	В	TR	0.78	15.7	В
Park Avenue & East 54th Stree		0170	2017	Ü		0.00	1017			0.70	1017	
Eastbound (West Side)	TR	0.74	19.9	В	TR	0.51	17.2	В	TR	0.57	11.4	В
Southbound (West Side)	L	0.30	12.6	В	L	0.21	10.7	В	L	0.15	10.5	В
, , , ,	Т	1.03	52.6	D	Т	0.91	18.4	В	Т	0.90	22.1	С
Eastbound (East Side)	L	0.30	10.8	В	L	0.31	11.2	В				
	Т	0.79	20.9	С	Т	0.51	9.8	Α	LT	0.64	10.1	В
Northbound (East Side)	T	0.81	15.2	В	TR	0.92	30.2	С	TR	0.89	47.4	D
	R	0.55	14.4	В								
Park Avenue & East 55th Stree												
Westbound (East Side)	TR	0.86	52.8	D	TR	1.02	105.6	F	TR	1.00	104.6	F
Northbound (East Side)	L	0.20	19.3	В	L	0.27	101.0	F	L	0.14	16.8	В
	T	1.01	57.6	E	T	1.05	67.4	E	T	1.03	66.6	E
Westbound (West Side)	LT	0.81	21.5	С	LT	0.92	42.2	D	LT	0.98	50.4	D
Southbound (West Side)	T	0.89	21.4	С	TR	0.97	26.7	С	TR	1.04	48.6	D
Dork Avenue 9 Feet 5/45 Charles	R	0.49	15.3	В								
Park Avenue & East 56th Stree	TR	0.55	240	C	TR	1.01	40.4	Г	TD	1.02	41.2	Г
Eastbound (West Side) Southbound (West Side)	L	0.55	24.0 19.7	C B	L	0.17	69.4 36.7	E D	TR L	0.16	61.3	E B
Southboulid (West Side)	T	0.14	22.2	С	T	0.17	27.6	С	T	0.16	48.1	D
Eastbound (East Side)	LT	0.60	14.7	В	LT	1.03	54.8	D	LT	1.03	57.7	E
Northbound (East Side)	TR	0.96	32.1	С	TR	0.89	34.4	С	TR	0.95	45.5	D
Horandodna (Edot Side)	111	0.70	JZ.1	J	111	0.07	J 1. T	<u> </u>		0.70	10.0	J

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 57th Stree	2 †		(000)				(000)				(000)	
Eastbound (West Side)	T	0.62	29.4	С	T	1.00	92.5	F	Т	0.97	65.8	Е
Lastbouria (Woot Olas)	R	0.57	31.2	С	R	1.03	97.3	F	R	0.42	28.5	C
Westbound (West Side)	T	0.90	20.6	С	Т	1.03	50.1	D	Т	0.68	11.0	В
Southbound (West Side)	LTR	0.81	74.2	Е	LTR	0.88	81.8	F	LTR	0.69	46.3	D
Eastbound (East Side)	Т	0.98	48.4	D	Т	1.03	42.4	D	Т	0.74	11.6	В
Westbound (East Side)	Т	0.62	40.4	D	Т	1.02	84.5	F	Т	0.47	30.5	С
	R	0.58	42.8	D	R	0.99	93.7	F	R	0.24	27.0	С
Northbound (East Side)	L	0.17	11.8	В	L	0.26	685.7	F	L	0.15	9.6	Α
	T	0.90	22.5	С	Т	0.95	25.5	С	Т	1.02	34.9	С
	R	0.25	11.9	В	R	0.66	20.4	С	R	0.36	10.4	В
Madison Avenue & East 39th S	Street					,	•					
Westbound	T	0.78	23.5	С	Т	1.00	66.5	Е	Т	1.04	56.1	Е
	R	0.86	61.5	Е	R	1.04	114.3	F	R	0.88	55.3	Е
Northbound	LT	0.99	86.6	F	LT	0.92	39.9	D	LT	0.89	34.1	С
Madison Avenue & East 40th S	Street		0.5.5	_			T == :	_			I	_
Eastbound	L	0.64	39.3	D	L	0.47	37.4	D	L	0.67	47.4	D
	T	0.62	21.0	С	T	0.48	20.6	С	T	0.47	15.0	В
Northbound	TR	1.02	64.9	E	TR	0.98	53.7	D	TR	0.98	46.2	D
Madison Avenue & East 41st S	street	0.05	40.0	-			F4 7	-		1 0.50	F0.0	-
Eastbound	L	0.35	49.0	D	L	0.47	51.7	D	L	0.50	52.0	D
Ni satistis suusai	T	0.24	28.0	С	TD	0.28	27.5	С	TD	0.18	27.7	С
Northbound	TR	1.05	63.5	Е	TR	1.02	63.1	Е	TR	1.01	53.8	D
Madison Avenue & East 42nd		0.04	E4 0	Г	LT	I 0 04	21.0	C	LT	0.04	21.4	C
Eastbound Westbound	T	0.94 1.05	56.9 60.5	E E	T	0.94	31.9 47.5	C D	LT T	0.84	21.4 41.6	C D
westbound	R	0.27	23.0	С	R	0.94	25.2	С	R	0.80	28.7	С
Northbound	LT	1.05	62.3	E	LT	1.04	68.0	E	LT	1.02	68.4	E
Northboaria	R	0.44	15.5	В	R	0.62	20.4	С	R	0.34	14.1	В
Madison Avenue & East 43rd S		0.44	10.0	В	- 1	0.02	20.4	O	- 1	0.54	17.1	Б
Westbound	T	0.44	23.1	С	Т	0.95	70.3	Е	Т	0.33	23.2	С
	R	0.51	29.6	С	R	0.81	58.4	E	R	0.36	27.3	С
Northbound	L	0.83	27.9	С	L	0.68	21.4	С	L	0.97	50.6	D
	Т	0.96	51.3	D	Т	0.98	32.1	С	Т	1.04	52.8	D
Madison Avenue & East 46th S	Street	•								•		
Eastbound	LT	0.95	75.4	Е	LT	0.83	101.8	F	LT	0.88	44.2	D
Northbound	Т	0.87	27.3	С	Т	1.02	46.9	D	Т	0.94	22.4	С
	R	0.64	30.7	С	R	0.32	78.8	Е	R	0.45	44.9	D
Madison Avenue & East 48th S	Street											
Eastbound	L	1.02	94.7	F	L	0.84	60.5	Е	L	0.48	28.9	С
	T	0.68	23.4	С	T	0.63	20.7	С	T	0.65	15.2	В
Northbound	T	0.99	46.8	D	T	0.87	21.1	С	T	1.00	39.1	D
	R	0.51	19.9	В	R	0.66	29.1	С	R	0.67	36.1	D
Madison Avenue & East 49th S		<u> </u>		_				_				_
Westbound	TR	0.54	10.3	В	TR	0.99	48.0	D	TR	0.96	36.2	D
Northbound	L	0.51	12.6	В	L	0.27	10.3	В	L	0.19	11.8	В
Madiagn Assess 0 E 150 16	T	0.97	26.1	С	T	0.91	21.6	С	Т	0.89	20.3	С
Madison Avenue & East 53rd S		101	/0.0	-	TO	0 77	40.4		TO	0.05	F0 F	
Westbound	TR	1.04	60.9	E	TR	0.77	42.4	D	TR	0.85	50.5	D
Northbound	L	0.47	11.0	В	L	0.16	8.7	A	L	0.52	14.3	В
Madican Avanua 9 F+ FALL	T	0.91	24.1	С	T	0.86	23.8	С	T	0.93	23.7	С
Madison Avenue & East 54th S		0.40	27 /	C	ΙT	1 05	70.1	г	ΙT	0.43	20.7	C
Eastbound Northbound	LT T	0.49	27.6 54.6	C D	LT T	1.05 1.05	79.1	E	LT T	0.63	28.6	С
ivorindound	R			С	R		72.5	E C	R	0.92	35.8	D B
	К	0.66	25.7	U	К	0.64	22.7	U	К	0.32	13.4	R

5th Avenue & 38th Street Eastbound Southbound Sth Avenue & 39th Street Westbound	ovt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c	Delay			v/o	Dolov	
5th Avenue & 38th Street Eastbound Southbound 5th Avenue & 39th Street Westbound	Т	Ratio	(sec)	LUS				100	Mart	v/c	Delay	LOS
Southbound L 5th Avenue & 39th Street Westbound			` '		wovt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LUS
Southbound L 5th Avenue & 39th Street Westbound												
Southbound L 5th Avenue & 39th Street Westbound		0.33	16.7	В	T	0.48	20.8	С	Т	0.37	17.1	В
5th Avenue & 39th Street Westbound	R	1.00	112.3	F	R	1.02	110.5	F	R	0.98	105.4	F
Westbound	_T	0.95	12.8	В	LT	0.97	26.2	С	LT	0.88	12.1	В
Į ,	L	0.89	86.0	F	L	0.82	64.6	Е	L	0.80	64.1	Е
	Τ	0.42	25.3	С	T	0.98	56.9	Е	Т	0.61	35.5	D
	Τ	0.92	37.1	D	T	0.81	23.7	С	Т	0.89	20.9	С
	R	1.00	44.7	D	R	0.86	42.2	D	R	0.99	33.1	С
5th Avenue & 40th Street				_								
	R -	1.05	87.0	F	TR	1.05	85.6	F	TR	0.73	34.5	С
	_T	1.04	67.3	E	LT	0.76	20.2	С	LT	1.05	55.5	E
5th Avenue & 42nd Street	- 1	0.05	20.1	2		0.70	24.0	0		0.51	22.2	
	T R	0.85	38.1	D	T R	0.60 0.15	24.9	C	Т	0.51 0.15	23.2	C
	K _T	1.02	34.7	C	LT	1.05	21.1 54.0	D	R LT	0.15	34.7	C
	_	1.02	34.7	D	T	1.05	48.2	D D	LT	1.04	34.7	D
	R	0.04	13.4	В	R	0.10	13.7	В	R	0.02	2.4	A
5th Avenue & 43rd Street	Κ	0.04	13.4	D	K	0.10	13.7	D	K	0.02	2.4	Α
Westbound	1 1	0.54	30.1	С	1	0.80	27.4	С	L	0.64	39.9	D
	T	0.39	24.1	С	T	0.52	12.2	В	T	0.38	28.5	С
	R	0.88	23.1	C	TR	0.84	20.6	С	T	0.94	39.3	D
l —	R	0.87	30.7	С	R	0.99	57.3	E	R	1.04	47.1	D
5th Avenue & 44th Street	.``	0.07	0017	-		0177	07.0				.,	
	Т	0.29	21.1	С	Т	0.36	22.1	С	Т	0.32	21.3	С
	R	0.63	35.3	D	R	0.92	68.5	Е	R	0.97	83.6	F
Southbound L	_T	0.95	20.6	С	LT	0.96	25.4	С	LT	1.02	42.1	D
5th Avenue & 47th Street			'			•						
Westbound	L	0.83	72.3	Ε	L	0.87	70.6	Ε	L	1.02	89.1	F
	Τ	0.47	31.7	С	Т	0.49	35.3	D	Т	0.81	31.3	С
Southbound	Τ	0.99	44.0	D	Т	1.01	47.7	D	Т	0.96	48.8	D
	R	0.75	25.9	С	R	0.91	59.5	Е	R	0.81	28.5	С
5th Avenue & 48th Street		ı								•		
	Τ	0.54	16.2	В	Т	0.58	18.5	В	Т	0.81	37.4	D
	R	1.03	87.0	F	R	0.95	72.4	Е	R	1.05	91.7	F
	_T	0.96	51.6	D	LT	0.91	41.9	D	LT	0.92	21.1	С
5th Avenue & 49th Street	_ 1	0.71	21.2									
	_T	0.51	26.8	С	LT	0.46	22.8	С	LT	0.88	55.9	E
	T	0.96	31.5	С	T	1.01	40.7	D	T	0.98	24.3	С
	R	0.60	20.1	С	R	0.36	12.6	В	R	0.70	14.6	В
5th Avenue & 54th Street	R	0.42	22.0	С	TR	0.97	67.5	E	TR	0.82	38.9	D
	T_T	0.42	24.8	С	LT	0.97	27.3	C	LT	1.01	38.9	С
5th Avenue & 57th Street	_ 1	0.70	24.0	U	LI	0.77	۷1.3	C	LI	1.01	32.7	C
	т	0.96	56.5	E	T	1.01	67.8	E	T	1.00	65.0	E
	R	0.79	46.6	D	R	1.03	92.1	F	R	0.74	43.4	D
	_T	0.77	53.0	D	LT	0.64	35.4	D	LT	0.74	57.9	E
	· _T	0.99	70.5	E	LT	0.71	21.4	С	LT	1.01	72.0	E
	R	0.41	21.8	С	R	0.36	18.2	В	R	0.65	31.5	С
6th Avenue & West 48th Street		- *		-			<u> </u>					
	L	0.32	22.3	С	L	0.32	22.4	С	L	0.56	28.8	С
l —	Т	1.00	75.0	Е	T	0.92	55.6	Е	T	0.91	50.0	D
	R	0.67	19.8	В	TR	0.69	21.7	С	Т	0.61	18.0	В
Northbound T									R	1.02	113.2	F

		AM Pea	k Hour		M	idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	t											
Westbound	Т	0.70	26.4	С	T	0.48	18.0	В	Т	0.82	47.1	D
	R	0.66	28.2	С	R	0.58	26.5	С	R	0.77	45.9	D
Northbound	LT	0.97	26.9	С	LT	0.97	25.6	С	LT	0.77	10.3	В

Interception () Approach		AM Pea	k Hour		M	idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Unsignalized Intersections)	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	st Avenue & East 48th Street (West Side)											
Eastbound	L	0.82	34.5	D	L	0.56	18.7	С	L	0.39	14.8	В
Northbound	Т	0.31	0.0	Α	Т	0.29	0.0	Α	Т	0.29	0.0	Α

Greater East Midtown Rezoning EIS 2036 No Action Condition Level of Service Tables

2036 No Action Condition Lev	ei of Serv	AM Pea			IV	lidday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach		v/c	Delay			v/c	Delay			v/c	Delay	
(Signalized Intersections)	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS
1st Avenue & East 40th Street			•								•	
Eastbound	L	1.13	100.3	F	L	0.99	71.4	Ε	L	1.16	119.0	F
Northbound	Т	1.23	134.5	F	Т	0.91	29.8	С	Т	1.37	193.5	F
1st Avenue & East 42nd Street												
Eastbound (East Side)	Т	1.32	174.0	F	Т	0.85	25.3	С	Т	0.70	15.0	В
Westbound (East Side)	TR	1.15	116.7	F	TR	0.76	41.2	D	TR	0.83	40.0	D
	R	1.12	134.7	F	R	1.50	286.8	F	R	1.30	196.5	F
Northbound (East Side)	LT	0.67	92.7	F	LT	0.46	21.1	С	LT	1.15	117.7	F
	R	1.66	327.1	F	R	0.49	22.5	С	R	1.31	183.2	F
Eastbound (West Side)	L	0.95	113.1	F	L	1.06	94.5	F	L	1.05	93.3	F
	T	0.80	74.6	Е	Т	0.50	21.7	С	Т	0.45	15.7	В
Westbound (West Side)	TR	0.99	21.2	С	TR	0.69	8.3	А	TR	0.59	5.5	Α
Northbound (West Side)	L	0.77	26.6	С	L	0.51	19.3	В	L	1.02	52.3	D
4.14	T	0.73	81.9	F	T	0.48	24.5	С	T	0.82	89.1	F
1st Avenue & East 44th Street	,	0.00	0//		<u> </u>	4.00	70 -	_		0.40	00.0	
Eastbound	L	0.80	26.6	С	L_	1.03	72.7	E	L	0.60	20.9	С
Northbound	T	0.69	1.7	Α	T	0.54	1.1	Α	T	0.77	2.6	Α
1st Avenue & East 46th Street								-			4.5.5	_
Eastbound	L	0.83	33.7	С	L	1.09	94.0	F	L	1.20	123.1	F
Northbound	T	0.70	2.3	А	Т	0.64	2.3	Α	T	0.89	56.4	Е
1st Avenue & East 47th Street												
Northbound (East Side)	T	0.75	13.6	В	T	0.81	16.7	В	T	1.06	67.4	Е
Northbound (West Side)	L	0.68	16.4	В	L	0.44	11.2	В	L	0.55	12.5	В
	T	0.72	16.1	В	Т	0.72	16.4	В	T	0.70	15.4	В
1st Avenue & East 48th Street		ı				•						
Northbound (East Side)		0.31	0.4	Α	Т	0.31	0.3	Α	Т	0.28	0.1	Α
	R	0.68	4.3	Α	R	0.86	12.1	В	R	1.14	74.4	Е
1st Avenue & East 49th Street			•								•	
Westbound (East Side)	Т	0.94	50.0	D	T	0.72	28.4	С	Т	0.89	42.4	D
	R	0.19	16.9	В	R	0.19	16.8	В	R	0.21	17.0	В
Northbound (East Side)	Т	1.00	80.4	F	T	0.92	65.0	E	Т	1.23	133.5	F
Westbound (West Side)	T	0.94	16.5	В	T	0.72	6.1	Α	Т	0.89	13.1	В
Northbound (West Side)	LT	1.02	49.9	D	LT	0.92	29.1	С	LT	1.07	65.9	Е
1st Avenue & East 53rd Street		1	1			•					1	
Westbound	TR	0.70	27.9	С	TR	0.59	24.8	С	TR	0.71	27.7	С
Northbound	L	0.73	33.7	С	L	0.62	27.6	С	L	0.64	29.1	С
	Τ	0.80	23.7	С	Т	0.85	25.5	С	Т	1.09	76.1	Е
1st Avenue & East 54th Street			_			_						
Eastbound	LT	1.12	102.5	F	LT	1.10	98.6	F	LT	1.10	97.2	F
Northbound	Τ	0.99	63.8	Е	TR	0.94	11.9	В	Т	1.06	52.6	D
	R	0.79	19.0	В					R	0.82	11.6	В
1st Avenue & East 55th Street												
Westbound	TR	0.82	42.0	D	TR	1.00	73.5	E	TR	0.73	34.7	С
Northbound	L	1.06	69.8	Е	L	0.95	37.4	D	L	1.09	62.1	Е
	T	1.04	61.4	E	Т	0.76	5.2	Α	Т	0.97	33.5	С
1st Avenue & East 57th Street												
Eastbound	LT	1.20dl	58.0	Е	LT	1.06dl	39.4	D	LT	0.58	33.2	С
Westbound	TR	0.39	30.2	С	TR	0.77	40.1	D	TR	0.87	48.2	D
Northbound	L	0.38	21.3	С	L	1.03	65.0	Е	L	1.02	62.6	Е
	T	1.37	190.7	F	TR	0.80	9.1	Α	T	0.86	11.1	В
	R	0.23	9.1	Α					R	0.15	7.5	Α

		AM Pea	k Hour		M	idday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	1.31	168.3	F	TR	0.95	37.1	D	TR	1.56	281.2	F
Southbound	L	1.65	316.8	F	L	0.31	6.7	Α	L	0.84	15.4	В
	Т	1.17	97.5	F	Т	0.78	11.4	В	Т	1.11	66.5	Е
Westbound (Tunnel Exit)	L	1.14	113.9	F								
2nd Avenue & East 37th Street			•									
Westbound	LT	0.97dl	44.1	D	LT	0.40	17.0	В	LT	0.49	19.2	В
Southbound	Т	1.24	119.4	F	TR	1.08	56.1	Е	Т	1.22	111.7	F
	R	0.10	3.3	Α					R	0.34	4.5	Α
2nd Avenue & East 38th Street												
Eastbound	TR	1.13	112.7	F	TR	0.79	33.3	С	TR	1.04	79.6	Е
Southbound	LT	1.28	139.7	F	LT	1.09	55.5	E	LT	1.24	122.1	F
2nd Avenue & East 39th Street												
Westbound	L	0.25	23.7	С	L	0.31	24.4	С	L	0.34	25.0	С
	Τ	0.84	42.8	D	T	0.39	24.9	С	T	0.40	25.1	С
Southbound	Τ	1.23	122.3	F	TR	1.18	100.6	F	T	1.23	117.7	F
	R	1.01	37.5	D					R	0.73	11.6	В
2nd Avenue & East 40th Street												
Eastbound	Τ	0.81	44.1	D	T	0.56	20.4	С	T	0.93	28.6	С
	R	0.55	36.8	D	R	1.01	73.5	Е	R	1.26	144.3	F
Southbound	LT	1.11	68.8	Е	LT	1.12	72.2	Ε	LT	1.12	65.1	Е
2nd Avenue & East 41st Street		_										
Eastbound	TR	0.56	45.3	D	TR	0.57	30.6	С	TR	0.88	55.6	Е
Southbound	LT	1.25	127.4	F	LT	1.18	95.9	F	LT	1.20	107.8	F
	R	0.64	13.9	В	R	0.15	8.3	Α	R	0.19	5.5	Α
2nd Avenue & East 42nd Stree	t											
Eastbound	TR	1.36	192.0	F	TR	1.04	69.9	Е	TR	1.16	95.8	F
Westbound	LT	1.63dl	112.1	F	LT	1.09	99.3	F	LT	1.81dl	168.6	F
Southbound					L	1.23	133.2	F				
	LT	1.16	100.0	F	Т	1.11	75.4	E	LT	1.13	77.6	Е
	R	0.72	26.4	С	R	0.94	35.4	D	R	0.75	16.7	В
2nd Avenue & East 43rd Street			ı			•				•		
Westbound	LT	0.34	24.9	С	LT	0.24	23.2	С	LT	0.38	25.6	С
Southbound	Т	1.12	74.1	E	TR	1.44	216.7	F	T	1.10	58.4	E
	R	1.01	39.1	D					R	1.06	53.4	D
2nd Avenue & East 44th Street			ı									
Eastbound	TR	0.95	58.1	E	TR	0.86	23.9	С	TR	0.92	27.0	С
Southbound					L	0.54	8.7	A				
	LT	1.17	93.0	F	T	1.16	90.4	F	LT	1.12	62.7	Е
2nd Avenue & East 45th Street				_				_				_
Westbound	LT_	0.98	87.5	F	LT 	0.73	43.3	D	LT -	1.09	86.4	F
Southbound	<u>T</u>	1.16	87.8	F	TR	1.43	212.3	F	T	1.11	61.4	E
	R	1.13	84.4	F					R	0.90	22.5	С
2nd Avenue & East 46th Street				_			55	-		4 5 - 1		
Eastbound	TR	0.63	35.9	D	T	0.57	32.6	С	TR	1.22dr	63.7	E
					R	1.18	138.5	F				
Southbound			0.1		L	0.56	10.4	В		4.5-	F	
1 P		1.16	86.0	F	Τ	1.21	112.4	F	LT	1.09	53.6	D
	LT	1.10										
2nd Avenue & East 47th Street			10.5	-		0 = 0	-			0 = 0	0.1.	_
Westbound	LT	0.77	62.3	E	LT	0.50	54.1	D	LT	0.58	24.4	С
			62.3 99.8 21.7	E F C	LT TR	0.50	54.1 238.0	D F	LT T R	0.58 1.12 1.17	24.4 63.2 94.2	C E F

		AM Pea	k Hour		M	lidday Po	eak Houi	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	1.07	84.0	F	TR	1.09	92.3	F	TR	1.10	99.4	F
Southbound	L	0.48	10.9	В	L	1.28	149.2	F				
	Т	1.48	234.8	F	Т	1.34	173.2	F	LT	1.07	62.2	Е
2nd Avenue & East 49th Street												
Westbound	L	0.79	48.6	D	L	0.99	101.3	F	L	1.11	93.2	F
	Т	0.38	23.0	С	Т	0.22	19.8	В	Т	0.39	18.2	В
Southbound	Т	1.28	145.4	F	TR	1.17	92.3	F	Т	0.91	47.5	D
	R	0.97	31.4	С					R	0.46	1.9	Α
2nd Avenue & East 50th Street												
Eastbound	TR	1.18	134.6	F	TR	1.27	174.0	F	TR	1.09	89.0	F
Southbound	L	0.09	8.0	Α	L	0.60	11.1	В				
	Т	1.55	269.0	F	Т	1.33	171.0	F	LT	1.11	60.7	Е
2nd Avenue & East 51st Street		1										
Westbound	LT	1.39	231.3	F	LT	0.73	38.7	D	LT	0.73	37.6	D
Southbound	Т	1.55	266.7	F	TR	1.34	172.6	F	T	1.07	54.3	D
	R	0.90	22.8	С					R	0.94	21.5	С
2nd Avenue & East 52nd Stree						1						
Eastbound	TR	0.80	39.4	D	TR	0.89	45.5	D	TR	0.85	51.2	D
Southbound	L	0.15	7.1	Α	L	0.18	7.3	Α	L	0.21	2.0	Α
	T	1.49	239.1	F	Т	1.33	167.8	F	T	1.29	145.4	F
2nd Avenue & East 53rd Stree		1				1						
Westbound	LT	0.99	60.4	E	LT	1.10dl	78.1	E	LT	0.96	60.1	E
Southbound	T	1.48	234.6	F	TR	1.33	168.2	F	T	1.38	191.5	F
	R	0.64	18.6	В					R	0.65	10.6	В
2nd Avenue & East 54th Street		0.70	07.7	0	TD	0.50	05.0	0	TD	0.40	00.0	0
Eastbound	TR	0.62	27.7	С	TR	0.59	25.0	С	TR	0.48	30.2	С
Southbound	<u>L</u>	0.02	8.3	A	L	0.06	8.1	A	L	0.05	1.1	A
2nd August 9 Foot FFth Ctroop	<u>T</u>	1.58	281.0	F	T	1.42	208.7	F	T	1.46	221.2	F
2nd Avenue & East 55th Street Westbound	L	0.32	17.5	В	1	0.78	25.1	С	1	0.35	27.7	С
Westbound	<u>г</u>				L T			E	L T		87.1	F
Southbound	<u> </u>	0.86 1.60	31.8 292.0	C F	TR	1.06 1.63	73.3 302.4	F	<u></u>	1.09 1.45	219.1	F
Southboard	R	0.30	11.4	В	TIX	1.03	302.4	ı	R	0.25	3.4	A
2nd Avenue & East 56th Street		0.50	11.4	U					11	0.23	J. T	П
Eastbound	T	0.76	31.1	С	T	0.52	11.8	В	T	0.62	26.6	С
Lasibodila	R	0.82	38.0	D	R	0.56	15.6	В	R	0.43	23.3	С
Southbound	L	0.02	2.2	A	L	0.33	4.5	A	L	0.43	1.5	A
Codinodila	<u>-</u>	1.49	239.1	F	T	1.42	210.3	F	T	1.32	158.8	F
2nd Avenue & East 57th Street		1,		-		IE	0.0	•	'	1	. 55.0	•
Eastbound	<u> </u>	0.57	54.2	D	TR	1.18	130.0	F	T	1.22	127.7	F
_ 33 13 3 3114	R	1.34	226.5	F					R	0.30	23.6	С
Westbound	L	1.19	140.6	F								
	LT	1.13	103.6	F	LT	0.79	37.4	D	LT	0.88dl	23.6	С
Southbound	L	0.52	39.3	D	L	0.22	21.3	С	L	0.60	16.8	В
	Т	1.19	117.6	F	TR	1.42	214.4	F	T	1.07	68.8	Е
	R	1.10	110.6	F					R	0.82	26.9	С
2nd Avenue & East 59th Street												
Eastbound	L	1.12	80.4	F	L	1.12	84.7	F	L	1.35	183.5	F
	TR	0.40	271.5	F	TR	0.51	272.4	F	TR	0.76	298.5	F
Southbound	L	1.08	66.3	Е	L	1.05	62.3	Е	L	1.08	62.0	Е
	LT	1.30	154.7	F	LT	1.17	94.9	F	LT	1.15	83.1	F

		AM Pea	k Hour		IV	lidday Po	eak Houi	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	V/C	Delay	LOS	Movt.	v/c Ratio	Delay	LOS	Movt.	v/c Ratio	Delay	LOS
and Avenue 9 Feet (Oth Ctreet		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
2nd Avenue & East 60th Street Westbound	LT	0.02	14.2	В	LT	0.01	14.2	В	LT	0.02	14.2	В
Southbound	L	0.02	14.2	В	LI	0.01	14.2	D	L	0.02	14.2	В
Southbound	T	1.04	83.1	F	LTR	1.10	80.0	E	T	1.09	77.5	E
	R	0.14	16.0	В	LIIX	1.10	00.0	L	R	0.11	15.7	В
Westbound (Bridge Exit)	L	1.37	200.0	F	1	1.26	151.7	F	L	1.16	111.4	F
Westbouria (Briage Exit)	<u>-</u>	1.26	156.7	F	T	0.70	29.5	С	T	1.02	69.4	E
Tunnel Exit Street & East 37th		1.20	100.7	•		0.70	27.0	Ü		1.02	07.1	
Westbound	TR	0.18	8.9	Α	TR	0.60	44.0	D	TR	0.50	48.7	D
North-Westbound	L	0.31	0.2	Α	L	0.21	0.1	Α	L	0.24	0.1	Α
	R	0.70	22.1	С	R	0.50	11.9	В	R	0.50	11.9	В
Tunnel Exit Street & East 39th	Street	•				•				•		
Westbound	TR	0.78	69.6	Е	TR	0.90dr	33.2	С	TR	0.56	28.3	С
Northbound					L	1.09	113.2	F				
	LT	0.34	10.2	В	T	0.11	20.0	В	LT	1.14dl	13.3	В
Tunnel Exit Street & East 40th												
Eastbound	LT	0.97	100.7	F	LT	0.93	77.1	Е	LT	1.27	140.3	F
Northbound	TR	0.23	13.4	В	TR	0.23	6.8	Α	TR	0.22	12.4	В
3rd Avenue & East 36th Street						,						
Eastbound	LT	1.09	86.6	F	LT	0.69	22.4	С	LT	1.50	252.7	F
Northbound	TR	0.83	33.0	С	TR	0.94	48.0	D	TR	0.57	19.8	В
0.14	R	1.06	117.6	F	R	0.56	45.6	D	R	1.13	141.2	F
3rd Avenue & East 37th Street		0.75	171		TD	0.57	1/1	D	TD	0.57	1/ 0	
Westbound	TR	0.65	17.1	B F	TR	0.56	16.1	В	TR	0.56	16.3	B F
Northbound	R LT	0.90	85.6 65.2	E	R LT	0.82	68.7 60.7	E E	R LT	1.03 0.60	112.9 5.7	A
3rd Avenue & East 38th Street		0.97	03.2	С	LI	0.90	00.7	С	LI	0.00	5.7	А
Eastbound	LT	0.35	31.8	С	LT	0.45	31.9	С	LT	0.70	37.3	D
Northbound	T	0.98	65.8	E	T	1.00	72.4	E	T	0.67	11.0	В
	R	0.59	13.4	В	R	0.39	12.1	В	R	0.35	9.0	A
3rd Avenue & East 39th Street												
Westbound	Т	1.62	306.1	F	Т	1.45	232.5	F	Т	1.15	117.4	F
	R	1.17	132.1	F	R	0.84	43.9	D	R	0.50	30.0	С
Northbound	LT	1.23	124.4	F	LT	1.17	100.3	F	LT	1.03	70.7	Е
3rd Avenue & East 40th Street												
Eastbound	LT	0.92	89.1	F	LT	0.97	105.7	F	LT	1.54	285.5	F
Northbound	Τ	1.16	89.9	F	T	1.13	75.8	E	Т	1.14	87.1	F
	R	0.71	101.5	F	R	0.93	50.7	D	R	1.04	77.4	Е
3rd Avenue & East 41st Street						•	-					
Eastbound		2 = 2			L	1.05	125.8	F		4	64.5	
147	LT	0.70	61.5	E	T	0.31	39.6	D	LT	1.10	96.5	F
Westbound	R	1.05	108.7	F	R	1.09	123.3	F	R	0.80	53.6	D
Northbound	T	1.10	64.6	E	T	0.93	63.2	E	T	1.09	65.7	E
2rd Avonus & East 42md Chroni	R	0.31	12.7	В	R	0.30	14.0	В	R	0.28	13.8	В
3rd Avenue & East 42nd Stree Eastbound	L	1.04	72.7	Е	ı	0.98	75.8	E	ı	1.12	101.9	F
Easibound	<u> </u>	1.04	77.3	E	T	1.15	111.8	F	L T	1.12	66.5	E E
Westbound	<u>'</u> 	0.91	42.2	D	T	0.84	33.5	С	T	0.91	34.1	С
WCSIDOUIU	R	1.19	131.0	F	R	1.18	119.9	F	R	1.21	133.2	F
Northbound	LT	1.17	107.0	F	LT	1.10	79.8	E	LT	1.04	72.7	E
	R	0.46	22.8	С	R	0.78	39.2	D	R	0.91	40.9	D
3rd Avenue & East 43rd Street							<u> </u>				* *	<u> </u>
Westbound	TR	0.51	20.4	С	TR	0.79	18.8	В	TR	0.71	20.2	С
	R	0.56	22.2	С								
		0.00)								

		AM Pea	k Hour	Midday Peak Hour				PM Peak Hour				
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
3rd Avenue & East 44th Street		0.01	27.1	0	1.7	I 0 04	27.7	0	1.7	0.20	27.2	0
Eastbound Northbound	LT T	0.31	27.1 65.3	C E	LT T	0.24 1.03	26.6 62.3	C E	LT T	0.30	27.2 78.2	C E
Northbound	R	1.04	65.5	E	R	1.03	171.4	F	R	1.15	219.9	F
3rd Avenue & East 45th Street		1.04	00.0	L	K	1.33	171.4	ı	IX	1.44	217.7	Г
Westbound	Т	1.09	85.7	F	Т	0.57	17.5	В	T	0.67	14.2	В
Woodbodiid	R	0.76	58.6	E	R	0.65	35.7	D	R	0.80	38.7	D
Northbound	LT	1.09	68.6	E	LT	1.14	87.9	F	LT	1.11	66.0	E
3rd Avenue & East 46th Street												
Eastbound	L	0.55	38.4	D	L	0.30	28.3	С	L	0.35	41.1	D
	Т	0.36	12.0	В	Т	0.49	10.4	В	Т	0.69	27.8	С
Northbound	Т	1.01	65.0	Е	Т	1.09	70.4	Е	Т	1.14	73.8	Е
	R	0.55	19.3	В	R	1.21	122.0	F	R	0.93	21.3	С
3rd Avenue & East 47th Street			1									
Westbound	T	1.22	135.0	F	T	1.06	59.5	E	T	1.00	58.2	E
	R	0.57	19.1	В	R	0.69	21.6	C	R	0.64	25.8	С
Northbound	LT	1.13	82.5	F	LT	1.12	74.9	Е	LT	1.13	81.6	F
3rd Avenue & East 48th Street		0.05	40.0	-		0.05	04.1		,	00:	04 1	
Eastbound	L	0.25	19.2	В	L	0.25	21.1	С	L +	0.24	21.4	С
Nicostic le come d	<u>T</u>	0.53	23.9	С	T	0.39	23.3	С	T	0.50	23.6	С
Northbound	T	0.99	63.7	E C	T	1.10	73.6	E	T	1.11	75.5	E
3rd Avenue & East 49th Street	R	0.68	21.5	C	R	0.93	40.4	D	R	0.97	45.4	D
Westbound		1.03	69.4	Е	T	0.48	17.1	В	T	0.61	23.0	С
Westbound	R	0.56	42.4	D	R	0.43	39.6	D	R	0.56	48.5	D
Northbound	LT	1.05	71.9	E	LT	1.13	83.0	F	LT	1.13	86.3	F
3rd Avenue & East 50th Street		1.00	71.7			1.10	03.0	'		1.10	00.5	'
Eastbound	L	0.26	12.6	В	L	0.39	7.5	Α	L	0.80	38.7	D
		0.48	13.6	В	T	0.50	8.3	A	T	0.79	33.5	С
Northbound	Т	1.11	73.9	Е	Т	1.13	79.5	Е	Т	1.10	69.5	E
	R	1.07	70.6	Е	R	1.06	71.0	Е	R	0.61	21.1	С
3rd Avenue & East 51st Street												
Westbound	Т	0.77	24.4	С	Т	0.79	24.9	С	Т	1.11	100.0	F
	R	0.38	17.3	В	R	0.38	17.4	В	R	0.66	28.5	С
Northbound	LT	1.16	92.5	F	LT	1.10	72.1	E	LT	1.12	82.7	F
3rd Avenue & East 52nd Stree												
Eastbound	LT	0.75	24.9	С	LT	0.80	21.1	С	LT	0.90	45.2	D
Northbound	T	1.10	68.8	E	T	1.06	65.4	E	T	1.12	76.3	E
0.14	R	1.05	61.4	E	R	1.02	49.9	D	R	0.93	43.1	D
3rd Avenue & East 53rd Street		1.07	70.5	-	<u> </u>	0.50	10.4	<u></u>	-	101	10.1	
Westbound		1.07	79.5	E	T	0.58	10.4	В	T	1.04	60.1	E
Morthbourse	R	0.97	100.2	F	R LT	0.75	31.9	С	R	0.84	69.1	E F
Northbound 3rd Avenue & East 54th Street	LT	1.07	68.9	Е	LI	1.04	73.4	E	LT	1.15	92.6	Г
Eastbound	L	0.87	55.8	Е	ı	1.21	133.6	F	ı	1.05	100.4	F
Lasibuullu	<u>L</u>	0.87	19.9	В	T	0.67	20.0	В	T	0.67	37.9	D D
Northbound	<u>'</u> 	1.04	76.9	E	T	1.02	74.5	E	T	1.09	77.2	E
TVOLUIDOUTU	R	0.72	33.3	С	R	0.71	31.3	С	R	0.85	37.6	D
3rd Avenue & East 55th Street		0.72	55.5	J	<u> </u>	0.71	31.0	J	- 11	0.00	37.0	
Westbound	T	1.03	70.2	Е	Т	0.86	23.8	С	T	1.10	84.0	F
11 00 10 0 0 11 0	R	0.95	68.1	E	R	1.02	49.9	D	R	1.00	92.8	F
Northbound	LT	1.14	84.2	F	LT	1.16	95.0	F	LT	1.23	124.3	F

		AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
3rd Avenue & East 56th Street		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
	LT	0.86	51.5	D	IТ	0.96	106.2	F	LT	1.09	84.5	F
Eastbound (West Side)				D	LT							F
Northbound (West Side)	T	1.14	83.3	F	T	1.07	67.8	E	T	1.27	146.1	-
Eastbound (East Side)	LT	0.96	39.7	D	LT	0.90	23.2	C E	LT	0.63	3.9	A
Northbound (East Side) 3rd Avenue & East 57th Street	TR	0.54	14.2	В	TR	1.05	72.9	E	TR	1.13	78.9	E
	LT	1.08	111.7	F	LT	1.08	109.6	F	LT	1.36	204.0	F
Eastbound (West Side) Westbound (West Side)	TR	0.97	27.5	С	TR	0.89	30.0	С	TR	0.83	23.7	С
, ,	LT	1.01	38.5	D	LT	1.14	87.1	F	LT	1.17	98.5	F
Northbound (West Side)	T	0.65	12.3	В	T	1.14	129.9	F	T	1.17	91.0	F
Eastbound (East Side)	<u>'</u> Т			E	T	0.77		С	T		55.8	E
Westbound (East Side)	R	0.93	64.2	C	R		31.1 25.9	C	-	0.86	54.9	D
Northbound (East Side)		0.76			TR	0.58		E	R	0.75		E
Northbound (East Side)	TR	0.83	42.6	D		1.08	68.8		TR	1.09	66.0	
2rd Avenue 9 Feet EOth Chrest	R	0.33	26.4	С	R	1.08	79.1	E	R	1.11	75.5	E
3rd Avenue & East 59th Street Eastbound	LT	0.97	52.2	D	LT	1.06	84.5	F	LT	0.76	29.1	С
Northbound Northbound	LI T	0.97	9.3	A	T	0.63	84.5	A	T	0.76	29. I 5.8	A
Northbound	R	1.15	108.8	F F	R	1.01	64.2	E	R	1.47	246.7	F
Lovington Avenue 9 Feet 2/46		1.15	108.8	Γ	К	1.01	04.2	L	К	1.4/	∠40./	Г
Lexington Avenue & East 36th	TR	0.64	54.8	D	TR	0.72	47.3	D	TR	1.20	146.7	F
Eastbound	LT											
Southbound		1.10	60.8	Е	LT	1.05	46.3	D	LT	1.10	64.9	E
Lexington Avenue & East 38th Eastbound	T	0.44	38.2	D	T	0.62	43.9	D	T	0.74	41.8	D
Eastbourid	-		111.5	F				F	-			F
Southbound	R	0.97	1.2		R	1.12	147.9 2.0		R	1.57	310.0	
Southbound	T		57.6	A E	T	0.16 0.88		A B	T	0.13		A
Lovington Avenue 9 Fact 20th		1.11	57.0	E	ı	0.88	14.7	В	ı	0.55	1.7	А
Lexington Avenue & East 39th Westbound	Jueer	1.14	107.1	F	1	1.08	87.7	F	L	0.77	35.3	D
Westbould	<u>L</u>	1.78	372.5	F	T	1.51	253.6	F	T	1.32	168.0	F
Southbound	<u>'</u> 	1.70	66.6	E	T	1.05	55.3	E	TR	1.02	60.1	E
Southbound	R	0.88	29.7	С	R	0.84	21.7	С	TIX	1.02	00.1	L
Lexington Avenue & East 40th		0.00	27.1	C	IX	0.04	21.7	C				
Eastbound	T	0.96	32.7	С	Т	0.74	20.8	С	T	0.81	30.4	С
Lastbouriu	R	1.09	87.2	F	R	0.74	34.7	С	R	1.21	140.4	F
Southbound	LT	1.20	108.8	F	LT	1.12	73.4	E	LT	0.87	17.7	В
Lexington Avenue & East 42nd		1.20	100.0	'	LI	1.12	73.4	L	LI	0.07	17.7	Ь
Eastbound	T	0.92	27.3	С	Т	1.06	65.0	Е	T	1.19	117.5	F
Lasibounu	R	0.92	12.7	В	R	0.91	43.4	D	R	0.28	24.3	С
Westbound	LT	1.09	70.2	E	LT	0.91	50.8	D	LT	1.57	289.9	F
Southbound	L	0.68	20.4	С	L	0.49	22.6	С	L	1.02	80.5	F
Journbound	<u>_</u>	1.12	76.9	E	T	0.49	47.0	D	T	1.00	69.7	E
	R	1.19	114.8	F	R	0.68	26.2	С	R	1.21	128.1	F
Lexington Avenue & East 44th		1.17	111.0	'	11	0.00	20.2	J	- 11	1.21	120.1	'
Southbound	LT	1.16	90.4	F	LT	1.13	77.6	E	LT	1.17	96.7	F
Lexington Avenue & East 45th		1.10	70.7	'		1.10	, , , , ,	L		1.17	70.1	'
Westbound	L	0.68	28.3	С								
Westboard	<u>-</u>	0.83	30.1	С	LT	0.88	47.9	D	LT	1.06	80.6	F
Southbound	<u>'</u> 	1.04	61.6	E	T	1.03	64.5	E	T	1.04	60.5	E
Journbound	R	0.80	20.2	С	R	0.16	8.0	A	R	0.36	11.2	В
Lexington Avenue & East 46th		0.00	20.2	J	- 11	0.10	5.0	/ \	11	0.00	11.2	D
Eastbound	T	0.67	57.5	E	T	0.91	58.6	Е	Т	1.18	111.7	F
Lasibodila	R	0.68	61.6	E	R	0.71	45.8	D	R	0.30	28.0	С
Southbound	LT	1.09	60.0	E	LT	1.05	57.7	E	LT	1.11	62.3	E
Southbould	- 1	1.07	55.0	_	'	1.00	57.7	_	- 1		52.0	_

		AM Pea	k Hour		M	lidday P	eak Hou	ſ		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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					•					1	
Westbound	L	0.80	37.3	D	L	1.13	103.5	F	L	1.12	103.5	F
	Т	0.77	16.8	В	T	1.20	116.8	F	Т	1.17	108.2	F
Southbound	Т	1.04	64.0	Е	Т	1.02	58.6	Е	Т	1.12	73.8	Е
	R	1.01	47.6	D	R	1.27	162.9	F	R	0.93	31.8	С
Lexington Avenue & East 48th	Street					•	•					
Eastbound	Т	0.68	35.3	D	Т	1.07	94.1	F	Т	1.03	77.9	Е
	R	0.98	99.7	F	R	1.11	127.0	F	R	1.11	126.1	F
Southbound	LT	1.13	82.1	F	LT	0.96	59.0	Е	LT	1.06	67.2	Е
Lexington Avenue & East 49th	Street						•			•		
Westbound	L	0.49	34.7	С								
	Т	0.44	30.8	С	LT	0.55	30.2	С	LT	0.66	38.6	D
Southbound	Т	1.02	59.1	Е	Т	1.06	60.8	Е	Т	0.99	67.1	Е
	R	0.63	16.6	В	R	0.27	12.9	В	R	0.31	13.7	В
Lexington Avenue & East 50th	Street											
Eastbound	TR	1.01	56.8	Е	TR	0.42	27.3	С	TR	0.37	24.6	С
Southbound	LT	1.24	126.8	F	LT	1.06	60.6	Е	LT	1.15	87.9	F
Lexington Avenue & East 51st	Street											
Westbound	L	0.65	45.1	D	L	1.05	95.6	F	L	0.99	62.4	Е
	Т	0.52	21.7	С	Т	0.89	46.8	D	Т	0.99	44.5	D
Southbound	T	1.04	60.7	E	T	1.11	71.8	E	T	0.94	60.6	E
	R	0.61	13.3	В	R	1.11	113.8	F	R	0.53	13.2	В
Lexington Avenue & East 52nd		0.01		_						0.00		
Eastbound	T	0.57	20.2	С	Т	0.94	44.7	D	Т	0.60	25.2	С
Edotodila	R	0.80	52.3	D	R	0.96	71.6	E	R	0.92	51.7	D
Southbound	LT	1.17	97.7	F	LT	0.91	63.5	E	LT	1.05	73.4	E
Lexington Avenue & East 53rd		1.17	77.7	'		0.71	00.0			1.00	70.1	
Westbound	1 311 001	0.52	16.1	В	L	0.07	21.2	С	L	0.19	16.6	В
Westboard	T	1.11	77.3	E	T	0.82	37.5	D	T	0.93	37.7	D
Southbound	T	1.23	124.7	F	T	1.03	42.0	D	T	0.81	17.5	В
Southboaria	R	0.89	96.4	F	R	0.78	66.4	E	R	0.46	17.2	В
Lexington Avenue & East 54th		0.07	70.4	'	- 1	0.70	00.4		- 1	0.40	17.2	
Eastbound		0.95	36.7	D	TR	1.02	58.4	E	TR	0.86	30.2	С
Lasibound	R	0.47	12.5	В		1.02	30.4	L		0.00	30.2	
Southbound	LT	1.07	60.9	E	LT	1.08	61.2	E	LT	1.06	54.3	D
Lexington Avenue & East 55th		1.07	00.7			1.00	01.2			1.00	34.3	
Westbound		0.77	34.8	С	ı	0.99	73.0	E	L	0.83	38.6	D
vvesiboullu	T	0.77	15.6	В	T	0.85	36.2	D	T	0.03	21.1	С
Southbound	T	1.15	87.7	F	T	1.02	61.2	E	T	0.77	39.9	D
Southbould	R	0.34	12.2	В	R	0.62	16.2	В	R	0.52	12.1	В
Lexington Avenue & East 56th		0.04	14.4	U	- 1\	0.02	10.2	U	- 1\	0.02	14.1	U
Eastbound	T	0.55	16.2	В	T	0.66	17.3	В	Т	0.77	15.9	В
Lasiboullu	R	0.55	55.4	E	R	1.09	84.9	F	R	0.77	44.4	D
Southbound		1.17	103.5	F	LT	1.00	78.8	<u> </u>	LT	1.03	72.5	E
Lexington Avenue & East 57th		1.17	100.0	1	L1	1.00	70.0	L	LI	1.03	12.0	
Eastbound	T	0.90	26.9	С	T	0.86	24.7	С	T	1.42	217.0	F
Lasibudilu	R	0.90	81.4	F	R	0.66	19.5	В	R	0.59	32.4	С
Westbound	LT	0.79	53.7	D	LT	0.66	52.8	D	LT	1.56dl	98.0	F
Southbound		1.12	91.8	F	LT	0.95	68.2	E	LT	1.02	87.0	F
Southbound	R	0.23	16.5	В	R	0.95	21.7	C	R	0.37	20.3	С
Dark Avenue 9 Fact 2/th Ctra		0.23	10.3	D	71	0.38	Z1./	C	71	0.37	20.3	C
Park Avenue & East 36th Stree		0.50	24.0	C	TD	0.42	24.1	C	TD	1.01	44.0	Г
Eastbound (West Side)		0.59	24.9	С	TR	0.63	26.1	С	TR	1.01	66.8	E
Southbound (West Side)	LT	0.78	12.9	В	LT	0.75	9.3	A	LT	0.75	10.4	В
Eastbound (East Side) Northbound (East Side)		0.53	9.1	A B	LT TR	0.52	8.8	A B	LT TR	0.65	14.3	B B
Northboulid (East Side)	ΙK	0.49	16.4	D	ΙK	0.65	19.6	Ŋ	ΙK	0.59	18.1	D

Interception C Appropria		AM Pea	k Hour		M	idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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 Stree	et	•				•						
Eastbound (West Side)	TR	0.60	25.2	С	TR	0.63	25.9	С	TR	1.00	65.6	Е
Southbound (West Side)	LT	0.93	23.7	С	LT	0.71	10.0	В	LT	0.70	6.0	Α
Eastbound (East Side)	L	0.34	8.9	Α	L	0.24	8.1	Α	L	0.23	7.9	Α
	Т	0.34	7.2	Α	Т	0.42	7.5	Α	Т	0.49	9.3	Α
Northbound (East Side)	TR	0.72	11.5	В	TR	0.74	18.1	В	TR	0.91	51.1	D
Park Avenue & East 39th Stree	et											
Westbound (East Side)	TR	1.54	262.3	F	TR	1.34	180.1	F	TR	1.26	142.7	F
Northbound (East Side)	LT	0.63	74.5	Е	LT	0.56	36.6	D	LT	0.97	78.5	Ε
Westbound (West Side)	LT	1.39	200.1	F	LT	1.06	73.0	Е	LT	1.09	65.6	Е
Southbound (West Side)	Т	0.70	68.9	Е	Т	0.61	48.7	D	Т	0.82	66.8	Е
	R	1.12	90.9	F	R	0.52	18.8	В	R	1.16	103.7	F
Park Avenue & East 40th Stree	et											
Eastbound (West Side)	TR	1.12	115.8	F	TR	1.24	162.5	F	TR	1.43	238.6	F
Southbound (West Side)	Т	1.15	102.6	F	Т	1.16	107.5	F	Т	1.18	118.7	F
Eastbound (Tunnel Exit)	LT	1.15	100.6	F	LT	1.37	187.5	F	LT	1.66	318.6	F
Northbound (Tunnel Exit)	Т	0.81	15.3	В	Т	0.72	16.9	В	Т	0.87	20.2	С
Eastbound (East Side)	LT	1.29	153.7	F	LT	1.29	153.7	F	LT	1.55	265.9	F
Northbound (East Side)	TR	0.99	52.8	D	TR	0.81	27.2	С	TR	1.07	71.6	Е
Park Avenue & East 46th Stree	et											
Eastbound (West Side)	Т	0.36	23.9	С	Т	0.86	44.5	D	Т	1.16	109.3	F
,	R	0.29	27.6	С	R	0.32	30.0	С	R	0.40	24.1	С
Southbound (West Side)	L	0.46	26.2	С	L	0.30	15.6	В	L	0.66	75.9	E
(**************************************	T	1.08	69.8	E	T	1.10	69.1	Е	T	1.12	72.6	Е
Eastbound (East Side)	L	0.49	21.3	С	L	0.76	27.6	С	L	0.82	14.8	В
	 T	0.81	28.1	С	T	1.17	111.7	F	T	1.20	109.2	F
Northbound (East Side)	T T	0.79	26.5	С	T	0.84	32.4	С	T	0.90	45.2	D
Park Avenue & East 47th Stree						0.0.	0			0.70		
Westbound (East Side)	T	0.88	32.3	С	Т	1.32	174.2	F	Т	0.99	36.6	D
	R	0.43	16.9	В	R	0.81	33.1	С	R	0.74	17.5	В
Northbound (East Side)	L	0.12	11.6	В	L	0.16	94.9	F	L	0.27	95.7	F
(200, 0100)	<u>-</u> T	0.87	15.3	В	T	0.99	44.1	 D	T	1.05	66.3	E
Westbound (West Side)	' LT	0.97	36.4	D	LT	1.38	192.7	F	LT	1.05	63.2	E
Southbound (West Side)	TR	0.99	60.0	E	TR	0.96	39.8	D	TR	1.04	68.8	E
Park Avenue & East 48th Stree		0.77	55.0	_	- 11	0.70	37.0	ט	- 11	1.01	55.0	_
Eastbound (West Side)	T	0.58	21.8	С	T	0.58	20.8	С	T	0.59	35.8	D
Lastboaria (Wost oldo)	R	0.26	15.5	В	R	0.25	18.5	В	R	0.32	30.4	С
Southbound (West Side)		0.38	101.6	F	1	0.24	94.5	F	L	0.32	50.4	D
Countries (Woot Olde)	<u>-</u>	1.18	96.2	F	T	1.12	77.8	E	T	0.99	63.0	E
Eastbound (East Side)	' LT	0.81	30.1	С	LT	0.88	30.5	С	LT	0.91	35.9	D
Northbound (East Side)	TR	0.95	31.9	С	TR	0.92	28.9	С	TR	1.02	61.6	E
Park Avenue & East 49th Stree		0.70	31.7	J	110	0.72	20.7	0	111	1.02	01.0	_
Westbound (East Side)	T	0.98	55.9	Е	T	0.81	23.2	С	T	0.89	34.2	С
Westbourid (Last Side)	R	0.59	26.9	С	R	0.38	9.6	A	R	0.51	12.6	В
Northbound (East Side)	L	0.39	13.4	В	L	0.36	15.4	В	L	0.51	26.3	С
Northbound (Last Slue)	<u>_</u>	0.19	37.1	D	T	1.01	42.4	D	T	1.07	58.8	E
Westbound (West Side)	<u>'</u> 	1.07	58.4	E	LT	0.87	20.7	С	LT	0.96	36.8	D
Southbound (West Side)	TR	0.98	56.9	E	TR	0.87	44.2	D	TR	0.96	52.5	D
Southbound (West Side)	ΙK	0.70	50.9	L	ΙŃ	0.90	44.Z	D	ΙK	0.74	52.5	υ

latana attan 0 Amma att		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
Park Avenue & East 50th Stree		0.70	10.0	-		0.70	47.5	-		0.07	07.0	-
Eastbound (West Side)	T	0.70	19.0	В	T	0.79	17.5	В	T	0.87	37.3	D
C	R	0.30	13.1	В	R	0.71	16.7	В	R	0.57	25.9	С
Southbound (West Side)	L	0.17	82.3	F	L	0.23	13.5	В	L	0.20	16.4	В
Faathamad (Faat Cida)	T	0.96	45.0	D	T	1.06	60.5	E	T	1.06	67.5	E
Eastbound (East Side)	LT	0.92	36.4	D	LT	1.05	67.3	E	LT	1.15	109.0	F
Northbound (East Side) Park Avenue & East 51st Stree	TR	0.98	33.2	С	TR	0.87	26.4	С	TR	0.90	42.2	D
Westbound (East Side)	T	0.70	25.4	С	T	1.12	102.9	F	T	0.70	28.6	С
westbound (East Side)	R	0.70	42.5	D	R	0.68	35.2	D D	R	0.70	27.7	С
Northbound (East Side)	L	0.03	32.5	С	L	0.08	28.7	С	L	0.30	14.9	В
Northbourid (Last Side)	T	0.14	31.1	С	T	1.03	65.8	E	T	1.06	65.4	E
Westbound (West Side)	LT	0.92	28.3	С	LT	1.06	63.3	E	LT	0.85	27.1	С
Southbound (West Side)	T	0.82	23.3	С	TR	1.05	63.7	E	TR	0.87	28.4	С
Southbound (West Side)	R	1.10	78.6	E	TIX	1.00	03.7	L	IIX	0.07	20.4	C
Park Avenue & East 52nd Stre		1.10	70.0	L								
Eastbound (West Side)	TR	0.79	25.5	С	TR	0.99	56.4	Е	TR	0.79	25.9	С
Southbound (West Side)	L	0.16	89.3	F	L	0.21	164.4	F	L	0.16	54.7	D
Courinouna (West Glas)	T	1.15	86.2	F	T	1.00	67.3	E	T	1.02	50.0	D
Eastbound (East Side)	LT	0.83	22.9	С	LT	0.93	30.2	С	LT	1.06	67.8	E
Northbound (East Side)	TR	0.95	24.9	С	TR	0.99	40.3	D	TR	1.05	64.7	E
Park Avenue & East 53rd Stree		0.70	2117	Ü		0.77	10.0			1100	0 117	
Westbound (East Side)	T	1.13	87.7	F	Т	0.74	40.9	D	Т	0.85	50.5	D
,	R	1.02	57.0	Е	R	0.58	37.7	D	R	0.50	32.7	С
Northbound (East Side)	L	0.17	15.4	В	L	0.20	17.0	В	L	0.16	18.7	В
	Т	0.92	25.8	С	Т	1.04	64.4	Е	Т	1.11	64.3	Е
Westbound (West Side)	LT	1.07	52.5	D	LT	1.08	74.3	Е	LT	1.03	52.3	D
Southbound (West Side)	TR	1.05	59.5	Е	TR	0.94	32.0	С	TR	0.86	22.0	С
Park Avenue & East 54th Stree	et					•	•					
Eastbound (West Side)	TR	0.88	29.5	С	TR	0.59	18.1	В	TR	0.72	19.3	В
Southbound (West Side)	L	0.31	12.8	В	L	0.22	10.7	В	L	0.15	11.6	В
	T	1.16	87.0	F	Τ	1.00	41.1	D	Τ	1.00	55.6	Е
Eastbound (East Side)	L	0.33	10.6	В	L	0.33	10.6	В				
	T	0.94	35.1	D	Т	0.63	12.5	В	LT	0.83	15.2	В
Northbound (East Side)	Т	0.84	17.4	В	TR	0.96	44.4	D	TR	0.95	64.0	Е
	R	0.60	15.4	В								
Park Avenue & East 55th Stree		•								•		
Westbound (East Side)	TR	0.96	72.3	Е	TR	1.09	105.7	F	TR	1.08	112.8	F
Northbound (East Side)	L	0.21	550.1	F	L	0.29	106.8	F	L	0.15	37.0	D
	Т	1.05	69.3	Е	Т	1.09	66.9	E	T	1.10	64.9	E
Westbound (West Side)	LT	0.91	29.5	С	LT	1.04	66.9	E	LT	1.08	76.7	E
Southbound (West Side)	T	0.98	52.6	D	TR	1.07	60.6	E	TR	1.14	81.9	F
	R	0.53	15.1	В								
Park Avenue & East 56th Stree			00 -	-		4 ==	400 -	_			4=0 -	_
Eastbound (West Side)	TR	0.71	28.8	С	TR	1.35	188.3	F	TR	1.33	172.0	F
Southbound (West Side)	L	0.14	93.3	F	L	0.18	143.3	F	L	0.17	16.5	В
Footbassed /Foot Osta	T	1.03	65.6	E	T	1.00	65.3	E	T	1.04	71.4	E
Eastbound (East Side)	LT	0.64	14.7	В	LT	1.16	89.7	F	LT	1.14	82.6	F
Northbound (East Side)	TR	1.00	43.3	D	TR	0.91	46.1	D	TR	1.01	58.8	E

	AM Peak Hour				M	lidday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	V/C	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	V/C	Delay	LOS
DI- A 0 FI-F7II- CI		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
Park Avenue & East 57th Stree		0.70	22.4	0		T 1 10	104.0			1 07	100.0	
Eastbound (West Side)		0.72	32.4	С	T	1.19	124.2	F	T	1.37	199.2	F
\\\\- = \\\- = \\\\\\\\\\\\\\\\\\\\\\\\	R	0.59	31.4	С	R	1.06	93.7	F	R	0.43	29.3	С
Westbound (West Side)		1.07	60.8	E	T	1.18	101.9	F	T	0.75	12.7	В
Southbound (West Side)		0.89	77.7	E	LTR	0.95	87.0	F	LTR	0.76	72.2	E
Eastbound (East Side)		1.13	92.7	F	LT	1.21	112.6	F	LT	1.03	31.8	С
Westbound (East Side)		0.75	44.0	D	T	1.17	126.7	F	T	0.52	30.5	С
No while a cond /F a at Cida	R	0.60	40.8	D	R	1.03	97.9	F	R	0.25	26.1	С
Northbound (East Side)	L T	0.18	400.0	F	T	0.29	686.2	F	L T	0.16	10.1 58.4	B E
		0.94	29.8	С		1.01	35.8	D		1.09		
Madiaan Ayanya 0 Fast 20th (R	0.26	11.9	В	R	0.69	21.7	С	R	0.38	10.5	В
Madison Avenue & East 39th		1.00	101.0	-		1.05	107.4	-		1 00	1/10	
Westbound		1.22	121.3	F	T	1.35	187.4	F	T	1.32	164.3	F
N. III	R	1.01	66.2	E	R	1.29	179.6	F	R	1.03	61.6	E
Northbound		1.08	85.5	F	LT	0.98	85.8	F	LT	0.99	84.8	F
Madison Avenue & East 40th S		0.01	47.5	7	,	0.70	00.5	7		44.	110 1	I -
Eastbound		0.86	46.5	D	L	0.70	39.5	D	L	1.16	110.1	F
	T	0.80	25.0	С	T	0.64	21.8	С	T	0.82	14.2	В
Northbound		1.13	76.9	E	TR	1.07	60.0	Е	TR	1.09	63.7	E
Madison Avenue & East 41st S		1	ı							•	ı	ı
Eastbound		0.45	50.9	D	L	0.49	49.3	D	L	0.53	50.4	D
	Т	0.27	29.1	С	Т	0.29	27.9	С	Т	0.21	27.3	С
Northbound		1.14	80.0	E	TR	1.15	87.5	F	TR	1.16	90.8	F
Madison Avenue & East 42nd		1					1					1
Eastbound		1.50	254.2	F	LT	1.16	100.5	F	LT	1.17	103.8	F
Westbound		1.52	257.6	F	Т	1.22	135.4	F	Т	1.21	133.0	F
	R	0.31	23.1	С	R	0.23	25.5	С	R	0.18	28.8	С
Northbound		1.17	95.3	F	LT	1.17	96.7	F	LT	1.19	105.4	F
	R	0.52	16.3	В	R	0.71	91.4	F	R	0.39	13.6	В
Madison Avenue & East 43rd												1
Westbound		0.73	34.7	С	Т	1.22	154.6	F	T	0.53	28.5	С
	R	0.97	120.8	F	R	1.47	265.4	F	R	0.67	44.5	D
Northbound	L	1.05	60.4	E	L	0.83	28.4	С	L	1.21	121.4	F
	Т	1.02	59.1	Е	Т	1.10	66.2	Е	Т	1.18	99.6	F
Madison Avenue & East 46th S	Street									_		
Eastbound	LT	0.97	81.8	F	LT	0.88	48.2	D	LT	1.04	88.5	F
Northbound	Т	0.97	64.5	E	Т	1.14	85.5	F	T	1.10	63.2	E
	R	0.90	127.1	F	R	0.66	14.3	В	R	0.71	152.9	F
Madison Avenue & East 48th S	Street											1
Eastbound	L	1.09	112.9	F	L	0.94	76.7	Е	L	0.69	29.3	С
	Т	0.71	24.6	С	T	0.67	22.4	С	Т	0.74	13.3	В
Northbound		1.09	65.2	E	Т	0.98	62.8	E	T	1.17	95.4	F
	R	0.56	19.3	В	R	0.70	28.7	С	R	0.74	29.4	С
Madison Avenue & East 49th S												1
Westbound		0.58	9.7	Α	TR	1.03	56.1	Е	TR	1.01	77.3	Е
Northbound	L	0.53	11.8	В	L	0.29	10.6	В	L	0.21	11.8	В
	T	1.06	57.7	E	T	1.02	64.8	E	T	1.06	59.7	Е
Madison Avenue & East 53rd	Street											
Westbound	TR	1.10	75.6	E	TR	0.83	41.2	D	TR	0.93	47.9	D
Northbound	L	0.51	11.5	В	L	0.18	9.8	Α	L	0.58	12.9	В
	Т	0.99	54.6	D	Т	0.96	62.7	Е	T	1.10	62.6	Е
		_										
Madison Avenue & East 54th S	Street											
Madison Avenue & East 54th S Eastbound		0.55	29.3	С	LT	1.13	99.8	F	LT	0.69	30.4	С
	LT	0.55	29.3 66.9	C E	LT T	1.13 1.13	99.8 81.9	F F	LT T	0.69	30.4 58.1	C E

Г		AM Pea	k Hour		M	lidday P	eak Houi	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
5th Avenue & 38th Street						•						
Eastbound	Т	0.41	17.7	В	Т	0.57	22.5	С	Т	0.51	19.3	В
	R	1.04	121.4	F	R	1.06	120.1	F	R	1.04	120.8	F
Southbound	LT	1.35	170.7	F	LT	1.35	172.0	F	LT	1.24	119.5	F
5th Avenue & 39th Street												
Westbound	L	0.92	59.0	Е	L	0.85	54.6	D	L	0.84	58.0	Е
	T	0.66	29.4	С	T	1.33	182.1	F	T	0.77	38.0	D
Southbound	Т	1.30	163.7	F	Т	1.13	88.4	F	Т	1.26	137.1	F
	R	1.33	175.3	F	R	1.06	63.2	E	R	1.15	92.2	F
5th Avenue & 40th Street			00/4	_			10/0			1.07	1107	
Eastbound	TR	1.41	226.1	F -	TR	1.31	186.0	F	TR	1.27	162.7	F
Southbound	LT	1.50	250.5	F	LT	1.08	67.4	Е	LT	1.49	240.5	F
5th Avenue & 42nd Street		1.00	00.1	_		0.70	20.1	0		0.70	07.4	0
Eastbound	T R	1.09	89.1 23.8	F	Т	0.72	28.1 21.8	C	Т	0.69	27.4 21.5	С
Westbound	LT	0.21 1.45	23.8	C F	R LT	0.17 1.35	179.2	F	R LT	0.15	45.1	C D
westbound Southbound	LT	1.45	233.7	F	LT	1.35	243.8	F	LT	1.48	231.2	F
Southbound	R	0.05	13.9	В	R	0.11	14.1	В	R	0.03	2.0	A
5th Avenue & 43rd Street	К	0.03	13.7	ט	71	U. I I	14.1	ט	71	0.03	∠.∪	А
Westbound		0.56	28.1	С	1	0.79	18.8	В	1	0.67	37.6	D
Westbourid	T	0.63	26.1	С	T	0.65	12.1	В	T	0.59	30.5	С
Southbound	T	1.25	137.7	F	T	1.18	105.8	F	T	1.35	173.5	F
	R	1.54	268.1	F	R	1.76	365.2	F	R	1.61	297.5	F
5th Avenue & 44th Street							000.1					
Eastbound	Т	0.40	23.7	С	Т	0.40	23.0	С	Т	0.45	23.1	С
	R	0.77	61.1	Е	R	1.12	122.4	F	R	1.23	164.6	F
Southbound	LT	1.40	200.5	F	LT	1.41	203.5	F	LT	1.52	252.1	F
5th Avenue & 47th Street												
Westbound	L	0.97	106.0	F	L	0.95	64.9	Е	L	1.12	101.4	F
	Т	0.59	34.4	С	Т	0.53	34.2	С	Т	1.03	50.4	D
Southbound	Т	1.43	213.3	F	Т	1.46	229.7	F	Т	1.37	185.1	F
	R	0.79	21.8	С	R	1.00	51.0	D	R	0.95	30.4	С
5th Avenue & 48th Street												
Eastbound	Т	0.57	17.2	В	Т	0.64	19.8	В	Т	1.02	52.9	D
	R	1.06	101.2	F	R	0.98	90.5	F	R	1.14	107.8	F
Southbound	LT	1.42	211.3	F	LT	1.31	162.2	F	LT	1.31	159.0	F
5th Avenue & 49th Street		0.55	07.4	0		0.40	00.0				50.0	
Westbound	LT T	0.55	27.6	С	LT	0.48	23.0	С	LT	0.94	59.8	E
Southbound	<u>T</u>	1.42	209.8	F	T	1.47	235.1	F	T	1.40	193.3	F
Eth Avanua 9 E4th Ctroot	R	0.63	16.9	В	R	0.37	11.7	В	R	0.72	9.8	А
5th Avenue & 54th Street Eastbound	TR	0.48	22.9	С	TR	1.05	88.7	F	TR	0.91	48.9	D
Southbound	LT	1.40	202.5	F	LT	1.05	197.6	 	LT	1.45	219.1	F
5th Avenue & 57th Street	<u> </u>	1.40	202.0	'	LI	1.37	177.0	ı	LI	1.40	∠ 17. l	'
Eastbound	T	1.09	92.4	F	Т	1.18	124.7	F	Т	1.41	217.8	F
Lasibouria	R	0.82	136.9	F	R	1.07	125.5	F	R	0.77	46.6	D
Westbound	LT	1.14	112.8	F	LT	0.78	77.8	E	LT	1.66dl	153.0	F
Southbound	LT	1.48	247.6	F	LT	1.04	84.9	F	LT	1.49	251.4	F
	R	0.43	22.3	С	R	0.37	18.5	В	R	0.66	32.7	С
6th Avenue & West 48th Street				-								
Eastbound	L	0.33	22.5	С	L	0.33	22.7	С	L	0.58	29.7	С
<u> </u>	Т	1.08	99.8	F	T	1.00	72.9	Е	T	1.02	74.4	Е
		0.7/	24.2	0	TD	2 - 1	24.0			0.70	00.7	C
Northbound	TR	0.76	24.3	С	TR	0.76	34.9	С	T	0.72	20.7	С

	AM Peak Hour				M	idday P	eak Hou	r	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	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 Stree			(666)									
Westbound	Т	0.78	31.9	С	T	0.50	19.6	В	Т	0.87	51.2	D
	R	0.69	30.6	С	R	0.59	27.7	С	R	0.82	48.7	D
Northbound	LT	1.05	48.8	D	LT	1.06	49.2	D	LT	0.88	13.0	В

Interception O. Amoreo ele		AM Pea	k Hour		M	idday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Unsignalized Intersections)	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												
Eastbound (West Side)	L	0.88	42.1	Е	L	0.60	20.5	С	L	0.42	15.7	С
Northbound	T	0.33	0.0	Α	T	0.32	0.0	Α	Т	0.31	0.0	Α

Greater East Midtown Rezoning FEIS 2036 With Action Condition Level of Service Tables

2036 With Action Condition Le	vei oi se	AM Pea			M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach		v/c	Delay			v/c	Delay			v/c	Delay	
(Signalized Intersections)	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS
1st Avenue & East 40th Street			, ,				, ,				, ,	
Eastbound	L	1.15	105.1	F	L	1.03	80.3	F	L	1.37	195.4	F
Northbound	T	1.25	140.3	F	Т	0.91	30.5	С	Т	1.40	205.4	F
1st Avenue & East 42nd Street												-
Eastbound (East Side)	Т	1.32	172.3	F	Т	0.86	25.8	С	Т	0.77	16.8	В
Westbound (East Side)	TR	1.23	146.7	F	TR	0.77	41.5	D	TR	0.82	39.6	D
	R	1.19	157.3	F	R	1.50	289.7	F	R	1.30	197.2	F
Northbound (East Side)	LT	0.69	99.2	F	LT	0.47	21.4	С	LT	1.25	154.5	F
, ´	R	1.66	326.8	F	R	0.49	22.6	С	R	1.37	205.9	F
Eastbound (West Side)	L	0.98	113.6	F	L	1.09	95.5	F	L	1.08	93.7	F
	T	0.80	74.6	E	T	0.50	21.8	С	T	0.50	15.9	В
Westbound (West Side)	TR	1.04	37.2	D	TR	0.70	8.4	Α	TR	0.59	5.5	Α
Northbound (West Side)	L	0.78	26.7	С	L	0.51	19.4	В	L	1.07	68.8	Е
	T	0.76	82.0	F	Т	0.50	26.0	С	Т	0.92	87.3	F
1st Avenue & East 44th Street										•		
Eastbound	L	0.82	25.3	С	L	1.05	78.4	Е	L	0.68	21.3	С
Northbound	T	0.72	1.8	Α	Т	0.55	1.1	Α	Т	0.82	3.0	Α
1st Avenue & East 46th Street												
Eastbound	L	0.82	31.6	С	L	1.11	99.3	F	L	1.48	243.5	F
Northbound	Τ	0.72	2.4	Α	Τ	0.66	2.6	Α	Τ	0.96	60.9	Ε
1st Avenue & East 47th Street												
Northbound (East Side)	Т	0.76	13.6	В	Т	0.83	17.6	В	Т	1.23	124.1	F
Northbound (West Side)	L	0.72	17.6	В	L	0.47	11.5	В	L	0.62	12.8	В
	T	0.74	18.5	В	T	0.73	16.6	В	T	0.71	13.0	В
1st Avenue & East 48th Street												
Northbound (East Side)	Т	0.33	0.4	Α	Т	0.32	0.3	Α	Т	0.29	0.2	Α
	R	0.68	4.3	Α	R	0.89	14.2	В	R	1.43	206.1	F
1st Avenue & East 49th Street												
Westbound (East Side)	Τ	1.06	81.3	F	Τ	0.72	28.6	С	Τ	0.87	40.5	D
	R	0.20	17.0	В	R	0.19	16.8	В	R	0.22	17.1	В
Northbound (East Side)	Т	1.02	80.4	F	Т	0.93	67.6	Е	Т	1.25	140.6	F
Westbound (West Side)	Т	1.06	37.9	D	Т	0.72	6.2	Α	Т	0.87	12.2	В
Northbound (West Side)	LT	1.05	58.5	Е	LT	0.93	30.1	С	LT	1.14	96.1	F
1st Avenue & East 53rd Street												
Westbound	TR	0.80	31.7	С	TR	0.61	25.1	С	TR	0.71	27.7	С
Northbound	L	0.73	33.9	С	L	0.62	27.8	С	L	0.64	29.3	С
	Τ	0.81	25.3	С	Т	0.86	26.6	С	Τ	1.11	78.8	E
1st Avenue & East 54th Street												
Eastbound	LT	1.12	103.3	F	LT	1.12	105.0	F	LT	1.22	140.0	F
Northbound	Т	1.02	64.1	E	TR	0.95	13.0	В	Т	1.08	53.6	D
<u> </u>	R	0.79	18.7	В					R	0.82	12.0	В
1st Avenue & East 55th Street												
Westbound	TR	0.84	43.4	D	TR	1.01	74.1	Е	TR	0.73	34.7	С
Northbound	L	1.21	123.6	F	L	0.98	41.8	D	L	1.09	60.9	Е
	Т	1.05	60.8	Е	Т	0.77	5.5	Α	Т	1.00	47.7	D
1st Avenue & East 57th Street		•										
Eastbound	LT	1.20dl	58.2	Е	LT	1.06dl	39.4	D	LT	0.58	33.4	С
Westbound	TR	0.39	30.2	С	TR	0.77	40.1	D	TR	0.87	48.2	D
Northbound	L	0.38	21.4	С	L	1.03	66.4	E	L	1.04	69.9	E
		1.38	197.3	F	TR	0.82	9.5	A	T	0.90	13.7	В
	R	0.23	9.1	A					R	0.15	7.6	A
	- 11	5.20	7.1	,,					- ' '	5.10	7.0	, ,

	AM Peak Hour				M	idday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	176.6	F	TR	0.97	41.3	D	TR	1.73	355.1	F
Southbound	L	1.72	345.6	F	L	0.31	6.6	Α	L	0.84	15.3	В
	T	1.20	110.0	F	Т	0.79	11.3	В	Т	1.12	73.1	Е
Westbound (Tunnel Exit)	L	1.14	115.7	F								
2nd Avenue & East 37th Street												
Westbound	LT	1.01dl	45.6	D	LT	0.41	17.1	В	LT	0.49	19.2	В
Southbound	T	1.27	135.4	F	TR	1.11	63.6	E	T	1.28	140.5	F
	R	0.10	3.3	А					R	0.35	4.5	Α
2nd Avenue & East 38th Street		T		_		I		_		T		
Eastbound	TR	1.18	127.4	F	TR	0.82	34.4	С	TR	1.14	110.8	F
Southbound	LT	1.31	156.0	F	LT	1.12	64.7	Е	LT	1.30	149.7	F
2nd Avenue & East 39th Street		T	00.0								0.5.7	
Westbound	<u>L</u>	0.26	23.8	С	L	0.31	24.4	С	L +	0.37	25.6	С
Cavalete	T	1.01	94.0	F	TD	0.40	25.1	C F	T	0.44	25.8	C F
Southbound	T R	1.26	138.5	F F	TR	1.23	121.4	F	T	1.28 0.87	144.6	C
2md Avenue 9 Feet 40th Ctreet		1.16	94.6	ŀ					R	0.87	20.8	C
2nd Avenue & East 40th Street Eastbound	: 	0.86	45.2	D	T	0.60	21.9	С	T	1.17	104.7	F
Eastboulla	R	0.60	36.6	D	R	1.06	85.5	F	R	1.41	209.6	F
Southbound	LT	1.15	88.8	F	LT	1.16	91.6	F	LT	1.19	98.3	F
2nd Avenue & East 41st Street		1.15	00.0	'	LI	1.10	71.0	'	LI	1.17	70.3	ı
Eastbound	TR	0.58	46.1	D	TR	0.61	31.0	С	TR	1.01	84.4	F
Southbound	LT	1.29	148.4	F	LT	1.22	113.8	F	LT	1.26	136.2	F
Counsound	R	0.76	17.7	<u>.</u> В	R	0.17	8.4	А	R	0.21	5.4	A
2nd Avenue & East 42nd Stree		0.70	1717			0117	0.1			0.21	0.1	
Eastbound	TR	1.38	199.4	F	TR	1.06	73.4	Е	TR	1.18	107.5	F
Westbound	LT	2.02dl	164.4	F	LT	1.18dl	111.4	F	LT	1.98dl	186.3	F
Southbound					L	1.34	178.7	F				
	LT	1.20	116.5	F	T	1.15	93.4	F	LT	1.21	112.9	F
	R	0.77	27.6	С	R	1.05	59.7	Е	R	0.88	22.0	С
2nd Avenue & East 43rd Street	t											
Westbound	LT	0.34	25.5	С	LT	0.25	23.4	С	LT	0.38	25.7	С
Southbound	Т	1.16	89.6	F	TR	1.50	247.4	F	T	1.17	93.7	F
	R	1.18	104.7	F					R	1.24	129.2	F
2nd Avenue & East 44th Street			I .			I	I			1	I .	
Eastbound	TR	1.03	55.7	E	TR	1.01	48.7	D	TR	1.27	147.8	F
Southbound	1 7	1.01	110.0	_	L	0.55	8.7	A	1 -	4 4 7	00.0	-
and Avenue a Feet 45th Ct.	LT	1.21	113.2	F	T	1.20	105.0	F	LT	1.17	88.2	F
2nd Avenue & East 45th Street	LT	1.01	02.0	F	LT	0.74	440	Г	LT	1.00	04.0	F
Westbound Southbound	<u>LI</u> T	1.01	93.9	F	TR		44.0 230.8	D F	T	1.09	86.0 87.8	F
Southbound	R R	1.25	108.1 133.9	F	IK	1.47	230.8	Г	R	1.16 1.10	72.5	E E
2nd Avenue & East 46th Street		1.20	133.7	ľ					71	1.10	12.3	Ľ.
Eastbound	TR	0.67	38.0	D	T	0.58	31.9	С	TR	1.29dr	90.3	F
Lasiboullu	111	0.07	30.0	D	R	1.25	162.1	F	111	1.2 /UI	70.3	'
Southbound						0.56	102.1	В				
Jodinodila	LT	1.20	106.6	F	T	1.24	125.8	F	LT	1.16	84.2	F
2nd Avenue & East 47th Street		0	. 5516	•			5.10	· ·			J	
Westbound	LT	0.80	62.9	Е	LT	0.52	54.4	D	LT	0.66	27.6	С
Southbound	T	1.24	121.6	F	TR	1.53	257.0	F	T	1.19	95.3	F
	R	1.10	67.3	Е					R	1.24	123.2	F
	_											

		AM Pea	k Hour		M	lidday Pe	eak Houi	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	1.18	121.5	F	TR	1.13	104.1	F	TR	1.19	132.8	F
Southbound	L	0.57	11.6	В	L	1.28	149.2	F				
	Т	1.55	266.7	F	Т	1.37	188.2	F	LT	1.12	71.0	Е
2nd Avenue & East 49th Street												
Westbound	L	0.90	92.0	F	L	0.99	101.4	F	L	1.28	162.1	F
	Т	0.40	23.6	С	Т	0.23	19.8	В	Т	0.41	20.1	С
Southbound	Т	1.34	172.3	F	TR	1.20	105.4	F	Т	0.95	48.4	D
	R	1.02	44.1	D					R	0.46	1.9	Α
2nd Avenue & East 50th Street												
Eastbound	TR	1.22	150.9	F	TR	1.32	191.6	F	TR	1.15	109.6	F
Southbound	L	0.09	7.9	Α	L	0.60	11.2	В				
	Т	1.62	299.1	F	Т	1.37	184.8	F	LT	1.15	76.7	Е
2nd Avenue & East 51st Street		1										
Westbound	LT	1.40	233.2	F	LT	0.73	38.7	D	LT	0.73	37.7	D
Southbound	Т	1.62	297.9	F	TR	1.38	187.5	F	T	1.10	57.1	E
	R	0.97	32.3	С					R	0.99	30.3	С
2nd Avenue & East 52nd Stree												
Eastbound	TR	0.84	40.1	D	TR	0.93	45.5	D	TR	0.92	51.8	D
Southbound	L	0.15	7.2	Α	L	0.18	7.3	Α	L	0.21	1.9	Α
	T	1.55	269.8	F	T	1.36	181.6	F	T	1.33	163.6	F
2nd Avenue & East 53rd Street		1	I			I					I	
Westbound	LT	1.08	83.8	F	LT	1.12dl	82.5	F	LT	0.96	61.0	E
Southbound	T	1.53	261.5	F	TR	1.37	186.7	F	T	1.43	213.3	F
	R	0.69	20.0	С					R	0.69	12.0	В
2nd Avenue & East 54th Street		0.70	07.0	0		0.74	05.4	0	TD	0.57	04.5	0
Eastbound	TR	0.63	27.9	С	TR	0.61	25.1	С	TR	0.57	31.5	С
Southbound	<u>L</u>	0.02	8.2	A	L	0.06	8.1	A	L	0.05	1.1	A
2nd August 9 Foot FFth Ctroop	<u>T</u>	1.65	311.8	F	T	1.45	225.2	F	T	1.49	237.9	F
2nd Avenue & East 55th Street Westbound	L	0.32	18.0	В	1	0.78	24.8	С	1	0.35	27.7	С
Westbound	<u>г</u>	0.32	38.3	D	L T	1.08	77.2	E	L T	1.08	86.4	F
Southbound	<u></u>	1.68	324.6	F	TR	1.68	328.5	F	T	1.49	236.4	F
Southbound	R	0.46	12.1	В	IK	1.00	320.3	Г	R	0.26	3.5	A
2nd Avenue & East 56th Street		0.40	12.1	ט					IV.	0.20	5.5	٨
Eastbound	T	0.76	31.6	С	T	0.53	11.9	В	T	0.66	27.3	С
Lasiboana	R	0.70	47.3	D	R	0.58	15.8	В	R	0.49	24.4	С
Southbound	L	0.70	2.2	A	L	0.33	4.5	A	L	0.47	1.5	A
Coundound	T T	1.57	275.8	F	T	1.46	230.4	F	T	1.34	171.2	F
2nd Avenue & East 57th Street		1,	0.0	-				•	'	1		•
Eastbound	<u> </u>	0.57	54.2	D	TR	1.20	134.8	F	T	1.24	139.7	F
_ 33 13 3 3114	R	1.44	264.2	F					R	0.31	23.5	С
Westbound	L	1.22	151.8	F								
	LT	1.16	112.5	F	LT	0.79	37.4	D	LT	0.88dl	23.4	С
Southbound	L	0.52	39.9	D	L	0.22	21.6	С	L	0.60	16.7	В
	Т	1.25	146.3	F	TR	1.45	230.1	F	T	1.09	68.6	Е
	R	1.10	111.6	F					R	0.82	26.4	С
2nd Avenue & East 59th Street												
Eastbound	L	1.14	89.6	F	L	1.15	98.5	F	L	1.42	211.6	F
	TR	0.40	271.7	F	TR	0.51	272.3	F	TR	0.76	298.7	F
Southbound	L	1.08	66.4	Е	L	1.09	63.9	Е	L	1.10	62.6	Е
	LT	1.35	179.1	F	LT	1.19	103.2	F	LT	1.16	87.7	F

		AM Pea	k Hour		IV	lidday P	eak Hou	ſ		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	V/C	Delay	LOS	Movt.	v/c Ratio	Delay	LOS	Movt.	v/c Ratio	Delay	LOS
and Avenue 9 Feet (Oth Ctree		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
2nd Avenue & East 60th Stree Westbound	LT	0.02	14.2	В	LT	0.01	14.2	В	LT	0.02	14.2	В
Southbound		0.02	14.2	В	LI	0.01	14.2	D	L	0.02	14.2	В
Southbound	T	1.07	81.8	F	LTR	1.12	87.3	F	T	1.11	79.7	E
	R	0.14	16.0	В	LIR	1.12	07.3	Г	R	0.12	15.7	В
Westbound (Bridge Exit)		1.42	222.7	F	1	1.29	165.2	F		1.17	116.1	F
westbound (bridge Exit)	L T	1.42	159.1	F	T	0.70	29.5	C	L T	1.17		E
Tunnel Exit Street & East 37th		1.27	159.1	Γ	ı	0.70	29.5	C	ı	1.02	69.4	E
Westbound	TR	0.18	9.1	А	TR	0.62	44.5	D	TR	0.51	48.7	D
North-Westbound		0.18	0.2	A	I	0.02	0.1	A	I	0.31	0.1	A
Noi tii-westboana	R	0.74	23.7	C	R	0.22	12.1	В	R	0.24	12.1	В
Tunnel Exit Street & East 39th		0.74	23.7	C	K	0.51	12.1	Ь	K	0.51	12.1	D
Westbound		0.91	74.6	Е	TR	0.93dr	33.8	С	TR	0.64	28.6	С
Northbound		0.91	74.0		I	1.12	120.3	F	IK	0.04	20.0	C
Northbourid	LT	0.37	11.0	В	T	0.13	20.0	В	LT	1.16dl	13.6	В
Tunnel Exit Street & East 40th		0.37	11.0	D		0.13	20.0	ט	LI	1.1001	13.0	D
Eastbound		1.07	93.8	F	LT	0.96	82.1	F	LT	1.31	162.2	F
					TR					-		
Northbound	TR	0.27	12.9	В	ΙK	0.24	7.0	Α	TR	0.24	12.1	В
3rd Avenue & East 36th Street		1.19	124.0	F	LT	0.70	22.6	<u> </u>	LT	1//	321.8	F
Eastbound			51.8					C E		1.66		
Northbound		0.88		D	TR	0.99	74.6		TR	0.58	20.0	В
0 1 4 0 5 1 0711 01 1	R	1.12	136.7	F	R	0.57	45.9	D	R	1.16	149.7	F
3rd Avenue & East 37th Street		0.70	10.4		TD	0.50	1/ 5		TD	0.57	1/ /	
Westbound	TR	0.70	18.4	В	TR	0.58	16.5	В	TR	0.57	16.4	В
N. H. I	R	1.10	133.1	F	R	0.90	82.8	F	R	1.07	124.4	F
Northbound		1.05	65.8	E	LT	1.01	60.8	E	LT	0.61	5.9	А
3rd Avenue & East 38th Street		0.07	01.0	0		I 0 11	01.0			0.75	00.4	-
Eastbound		0.37	31.9	С	LT	0.46	31.9	С	LT	0.75	38.4	D
Northbound		1.07	64.9	E	T	1.06	71.5	E	T	0.70	11.8	В
2 1 4 2 5 1 2 2 1	R	0.61	12.9	В	R	0.43	13.0	В	R	0.46	11.6	В
3rd Avenue & East 39th Street		1	2121	_							1170	_
Westbound		1.76	368.4	F	T	1.54	273.0	F	T	1.27	167.2	F
	R	1.31	182.1	F	R	0.87	44.5	D	R	0.56	33.4	С
Northbound		1.35	178.7	F	LT	1.25	133.7	F	LT	1.09	69.5	Е
3rd Avenue & East 40th Street		1	l	_				_				
Eastbound	LT	1.03	87.0	F	LT 	1.03	104.0	F	LT	1.61	318.3	F
Northbound		1.26	139.6	F	T	1.19	104.6	F –	T	1.19	106.2	F
	R	0.76	102.0	F	R	0.96	64.7	E	R	1.09	78.6	E
3rd Avenue & East 41st Street							4	_				
Eastbound					L	1.12	137.5	F	. –		40-	
	LT	0.77	68.9	E	T	0.33	40.3	D	LT	1.14	107.8	F
Westbound	R	1.07	116.7	F	R	1.12	130.8	F	R	0.88	67.8	E
Northbound	T	1.20	111.9	F	Т	0.98	62.1	Е	T	1.13	81.2	F
	R	0.33	12.8	В	R	0.31	14.1	В	R	0.30	14.1	В
3rd Avenue & East 42nd Stree						_						
Eastbound		1.15	109.4	F	L	0.99	77.2	E	L	1.10	96.9	F
	T	1.12	79.4	Е	T	1.16	116.5	F	T	1.07	76.6	Е
Westbound	T	0.91	42.4	D	Т	0.85	34.1	С	T	0.96	38.2	D
	R	1.30	174.9	F	R	1.20	128.6	F	R	1.22	136.3	F
Northbound	LT	1.28	155.2	F	LT	1.17	105.4	F	LT	1.10	74.3	E
	R	0.52	23.6	С	R	0.86	36.4	D	R	1.12	97.2	F
3rd Avenue & East 43rd Street						•				T	,	
3rd Avenue & East 43rd Street Westbound	TR	0.60	19.3	В	TR	0.87	21.8	С	TR	0.80	19.8	В
			19.3 21.0 79.0	B C E	TR LT	0.87	21.8	C E	TR	0.80	19.8	B E

	AM Peak Hour				I N	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)	
3rd Avenue & East 44th Street Eastbound	LT	0.35	27.6	С	LT	0.28	27.0	С	LT	0.31	27.3	С
Northbound	T	1.07	64.5	E	T	1.08	64.9	E	T	1.20	104.6	F
Northbound	R	2.88	865.5	F	R	2.06	498.6	F	R	5.24	1923.9	
3rd Avenue & East 45th Street		2.00	000.0	'	- IX	2.00	470.0	'	- IX	3.24	1723.7	'
Westbound	Т	1.13	98.3	F	Т	0.58	17.4	В	Т	0.73	16.3	В
	R	0.85	61.4	Е	R	0.68	36.1	D	R	0.84	41.0	D
Northbound	LT	1.17	97.9	F	LT	1.20	112.8	F	LT	1.17	92.1	F
3rd Avenue & East 46th Street												
Eastbound	L	0.64	40.2	D	L	0.39	28.2	С	L	0.40	41.9	D
	Т	0.38	11.7	В	Т	0.52	10.0	В	Т	0.76	31.5	С
Northbound	T	1.09	68.6	E	T	1.15	94.9	F	T	1.20	105.6	F
0.14	R	0.68	21.7	С	R	1.31	165.1	F	R	0.96	25.4	С
3rd Avenue & East 47th Street Westbound	Т	1.34	180.9	F	T	1.14	92.7	F	Т	1.09	81.3	F
westbound	R	0.58	180.9	В	R	0.72	92. <i>1</i> 22.6	С	R	0.71	27.9	С
Northbound	LT	1.24	131.8	F	LT	1.22	118.8	F	LT	1.21	120.7	F
3rd Avenue & East 48th Street		1.24	131.0			1.22	110.0	'		1.21	120.7	'
Eastbound	L	0.29	19.7	В	L	0.27	21.5	С	L	0.30	22.3	С
	Т	0.57	24.5	С	Т	0.41	23.5	С	Т	0.53	24.3	С
Northbound	Т	1.06	66.7	Е	Т	1.18	105.9	F	Т	1.18	106.7	F
	R	0.84	26.7	С	R	0.99	49.8	D	R	1.13	95.2	F
3rd Avenue & East 49th Street												
Westbound	Т	1.08	86.1	F	Т	0.49	17.3	В	Т	0.63	23.7	С
	R	0.56	42.5	D	R	0.44	39.8	D	R	0.61	51.1	D
Northbound	LT	1.13	83.4	F	LT	1.20	117.7	F	LT	1.23	128.5	F
3rd Avenue & East 50th Street		0.00	40.0	-			7.0			0.04	40.4	
Eastbound		0.29	12.9	В	L T	0.43	7.8	A	L	0.84	42.4	D
Northbound	T T	0.50 1.18	13.9 106.9	B F	T	0.51 1.20	8.5 113.8	A F	T T	0.83	36.1 98.6	D F
Northbound	R	1.10	81.9	F	R	1.09	82.5	F F	R	0.66	22.5	C
3rd Avenue & East 51st Street		1.10	01.7	'	K	1.07	02.5	ı	IX	0.00	22.5	C
Westbound		0.78	24.2	С	Т	0.81	25.2	С	T	1.14	110.4	F
ostbodilu	R	0.39	17.0	В	R	0.40	17.5	В	R	0.71	31.8	С
Northbound	LT	1.23	128.1	F	LT	1.18	105.7	F	LT	1.18	108.6	F
3rd Avenue & East 52nd Stree	t											
Eastbound		0.78	25.8	С	LT	0.85	21.4	С	LT	0.96	52.9	D
Northbound		1.18	103.2	F	Т	1.14	83.4	F	Т	1.19	105.0	F
	R	1.17	105.4	F	R	1.18	113.0	F	R	1.17	116.0	F
3rd Avenue & East 53rd Street		4 4 4	111 0	-	<u> </u>	0.70	11 -		-	1.07	70.4	
Westbound		1.16	111.8	F	T	0.62	11.5	В	T	1.07	70.4	E
Northbound	R LT	1.03 1.15	119.6 91.9	F F	R LT	0.75 1.12	32.5 84.7	C F	R LT	0.83	107.9 123.4	F F
3rd Avenue & East 54th Street		1.10	71.7	Г	LI	1.12	04./	Г	LI	1.∠1	123.4	٢
Eastbound		1.00	71.2	Е	ı	1.27	159.7	F	ı	1.07	102.6	F
Lasiboana	T	0.58	19.7	В	T	0.69	20.5	С	T	0.76	40.1	D
Northbound	T	1.11	82.8	F	T	1.09	76.8	E	T	1.15	98.0	F
	R	0.79	35.2	D	R	0.73	32.3	С	R	0.87	38.6	D
3rd Avenue & East 55th Street											<u>. </u>	
Westbound	T	1.10	87.2	F	T	0.91	27.1	С	T	1.23	141.8	F
	R	1.01	79.3	Е	R	1.09	73.0	Е	R	1.15	126.4	F
Northbound	LT	1.26	141.5	F	LT	1.25	137.0	F	LT	1.30	154.8	F
Westbound	T R	1.01	79.3	Е	R	1.09	73.0	E	R	1.15	126.4	F

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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		rtatio	(000)			rtatio	(000)			rtatio	(000)	
Eastbound (West Side)	LT	0.87	51.7	D	LT	0.98	106.6	F	LT	1.16	111.0	F
Northbound (West Side)	T	1.22	121.4	F	T	1.18	103.6	F	T	1.36	185.4	F
Eastbound (East Side)	LT	0.98	43.4	D	LT	0.91	23.7	С	LT	0.67	4.1	A
Northbound (East Side)	TR	0.56	14.3	В	TR	1.08	74.2	E	TR	1.21	116.0	F
3rd Avenue & East 57th Street												-
Eastbound (West Side)	LT	1.11	114.2	F	LT	1.09	108.9	F	LT	1.37	208.7	F
Westbound (West Side)	TR	0.97	27.6	С	TR	0.89	30.1	С	TR	0.83	23.7	С
Northbound (West Side)	LT	1.07	64.3	Е	LT	1.24	128.2	F	LT	1.25	133.5	F
Eastbound (East Side)	Т	0.67	12.5	В	Т	1.25	133.1	F	Т	1.17	95.7	F
Westbound (East Side)	Т	0.93	64.0	Е	Т	0.77	31.1	С	Т	0.86	55.6	Е
	R	0.77	20.4	С	R	0.58	25.9	С	R	0.75	54.7	D
Northbound (East Side)	TR	0.83	42.1	D	TR	1.08	68.6	E	TR	1.17	98.4	F
	R	0.33	26.4	С	R	1.12	90.6	F	R	1.16	97.1	F
3rd Avenue & East 59th Street			1								·	
Eastbound	LT	0.98	53.5	D	LT	1.07	87.4	F	LT	0.77	29.7	С
Northbound	Т	0.75	9.6	Α	Т	0.68	8.5	Α	Т	0.59	5.8	Α
	R	1.18	121.0	F	R	1.05	74.3	Е	R	1.56	282.3	F
Lexington Avenue & East 36th	Street	•		_							•	
Eastbound	TR	0.68	55.9	Е	TR	0.74	48.0	D	TR	1.32	193.1	F
Southbound	LT	1.12	72.7	Е	LT	1.08	57.3	Е	LT	1.14	83.3	F
Lexington Avenue & East 38th	Street	•										
Eastbound	T	0.48	39.2	D	Т	0.64	44.7	D	Т	0.79	45.6	D
	R	1.01	120.0	F	R	1.14	154.0	F	R	1.60	322.8	F
Southbound	L	0.15	1.2	Α	L	0.18	2.0	Α	L	0.14	1.0	Α
	Т	1.13	68.2	Е	Т	0.91	18.8	В	Т	0.57	1.7	Α
Lexington Avenue & East 39th	Street											
Westbound	L	1.20	130.8	F	L	1.11	99.1	F	L	0.84	39.1	D
	Т	1.98	458.6	F	Т	1.65	313.1	F	Т	1.51	255.0	F
Southbound	T	1.13	77.1	E	Т	1.08	63.8	E	TR	1.07	59.4	E
	R	0.97	40.9	D	R	0.89	24.5	С				
Lexington Avenue & East 40th	Street											
Eastbound	T	1.09	72.4	Е	Т	0.77	21.7	С	Т	0.85	32.2	С
	R	1.10	89.5	F	R	0.54	34.8	С	R	1.26	160.5	F
Southbound	LT	1.23	126.2	F	LT	1.16	92.4	F	LT	0.91	55.0	Е
Lexington Avenue & East 42nd	d Street											
Eastbound	T	0.96	38.3	D	T	1.08	71.3	E	T	1.20	121.5	F
	R	0.31	12.2	В	R	0.91	43.3	D	R	0.28	24.3	С
Westbound	LT	1.10	71.5	Е	LT	0.96	51.6	D	LT	1.66	327.2	F
Southbound	L	0.70	21.0	С	L	0.50	22.7	С	L	1.12	91.1	F
	T	1.15	91.3	F	T	0.93	72.4	Е	T	1.05	71.4	Е
	R	1.29	158.9	F	R	0.71	27.1	С	R	1.33	181.1	F
Lexington Avenue & East 44th			1									
Southbound	LT	1.22	118.0	F	LT	1.19	103.3	F	LT	1.23	124.6	F
Lexington Avenue & East 45th	Street											
Westbound	L	0.70	28.4	С								
	T	0.86	30.8	С	LT	0.89	48.2	D	LT	1.11	93.7	F
Southbound	T	1.08	63.7	Е	T	1.07	62.0	Е	T	1.09	62.9	Е
	R	0.89	26.0	С	R	0.17	7.9	Α	R	0.42	11.4	В
Lexington Avenue & East 46th	Street											
Eastbound	T	0.73	58.7	E	T	0.99	66.2	Е	T	1.33	178.5	F
	R	0.69	60.5	Е	R	0.15	45.6	D	R	0.30	28.0	С
Southbound	LT	1.15	82.4	F	LT	1.11	62.6	Ε	LT	1.17	90.9	F

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	0.85	39.7	D	L	1.20	131.8	F	L	1.18	127.7	F
	T	0.86	19.4	В	Т	1.34	178.5	F	Т	1.29	160.4	F
Southbound	T	1.08	66.4	Е	Т	1.07	66.6	E	Т	1.18	101.0	F
	R	1.38	196.2	F	R	1.72	347.3	F	R	1.24	135.8	F
Lexington Avenue & East 48th	Street											
Eastbound	T	0.79	38.5	D	Τ	1.13	110.6	F	Τ	1.09	92.7	F
	R	1.06	113.7	F	R	1.16	141.9	F	R	1.18	147.7	F
Southbound	LT	1.21	112.3	F	LT	1.02	59.3	Е	LT	1.11	70.1	Е
Lexington Avenue & East 49th	Street											
Westbound	L	0.59	35.8	D								
	T	0.48	30.6	С	LT	0.57	30.2	С	LT	0.71	38.5	D
Southbound	T	1.08	62.2	Е	Т	1.12	72.1	Е	Т	1.04	65.7	Е
	R	0.84	24.1	С	R	0.37	13.4	В	R	0.42	14.3	В
Lexington Avenue & East 50th	Street											
Eastbound	TR	1.06	69.1	Е	TR	0.44	27.5	С	TR	0.38	25.2	С
Southbound	LT	1.33	169.6	F	LT	1.13	77.2	Е	LT	1.22	117.9	F
Lexington Avenue & East 51st	Street											
Westbound	L	0.66	44.7	D	L	1.07	99.3	F	L	1.04	73.3	Е
	Т	0.53	21.6	С	Т	0.93	49.8	D	Т	1.01	51.4	D
Southbound	Т	1.11	67.6	Е	Т	1.18	104.9	F	Т	0.99	59.8	Е
	R	0.65	14.6	В	R	1.20	140.7	F	R	0.59	14.2	В
Lexington Avenue & East 52nd	d Street											
Eastbound	Т	0.59	20.1	С	Т	0.99	54.5	D	Т	0.65	26.3	С
	R	0.80	50.2	D	R	0.96	69.9	Е	R	0.97	58.2	Е
Southbound	LT	1.26	135.2	F	LT	0.97	62.8	Е	LT	1.11	74.4	Е
Lexington Avenue & East 53rd	Street											
Westbound	L	0.56	16.0	В	L	0.07	21.0	С	L	0.19	16.6	В
	Т	1.21	120.2	F	Т	0.87	40.4	D	Т	0.96	45.2	D
Southbound	Т	1.31	162.6	F	Т	1.10	62.9	Е	Т	0.85	30.5	С
	R	0.96	85.9	F	R	0.80	94.7	F	R	0.52	20.4	С
Lexington Avenue & East 54th												
Eastbound	T	1.04	55.6	Е	TR	1.07	71.7	Е	TR	0.93	32.9	С
	R	0.49	12.2	В								
Southbound	LT	1.13	78.0	E	LT	1.15	83.4	F	LT	1.11	69.1	E
Lexington Avenue & East 55th				_			00				07	
Westbound	L	0.81	37.1	D	L	1.05	72.8	Е	L	0.97	48.3	D
osibodilu	T	0.64	16.7	В	T	0.88	30.8	С	T	0.91	26.2	С
Southbound	T .	1.23	123.8	F	T	1.09	64.1	E	T	0.93	59.9	E
Courinounu	R	0.35	12.3	В	R	0.63	16.5	В	R	0.56	12.4	В
Lexington Avenue & East 56th		2.00		-			. 3.3	_			1	_
Eastbound	T	0.56	16.0	В	Т	0.66	17.4	В	Т	0.83	19.1	В
Lasibound	R	0.77	55.0	E	R	1.09	84.8	F	R	0.93	45.5	D
Southbound	LT	1.24	137.2	F	LT	1.07	77.1	E	LT	1.06	74.4	E
Lexington Avenue & East 57th			.07.2	•				_			, , , , ,	_
Eastbound	T	0.93	28.7	С	T	0.86	24.9	С	T	1.43	223.1	F
Lasiboana	R	0.73	90.5	F	R	0.67	20.2	С	R	0.61	35.5	D
Westbound	LT	0.97	53.3	D	LT	0.96	51.2	D	LT	1.56dl	96.0	F
Southbound	LT	1.20	123.8	F	LT	1.01	88.6	F	LT	1.05	85.9	F
Southbould	R	0.23	16.6	В	R	0.38	21.7	С	R	0.37	20.6	С
Park Avenue & East 36th Stree		0.20	10.0	ט	- 1	0.00	£1.1)	- 1	0.07	20.0	· ·
Eastbound (West Side)	TR	0.61	25.5	С	TR	0.64	26.4	С	TR	1.03	83.9	F
Southbound (West Side)	LT	0.79	13.5	В	LT	0.04	9.5	A	LT	0.81	11.7	В
Eastbound (East Side)		0.79	9.8	A	LT	0.77	9.0	A	LT	0.70	29.9	С
Northbound (East Side)	TR	0.50	16.5	В	TR	0.65	19.7	B	TR	0.60	18.2	В
Manthing (East Side)	11	0.50	10.5	ט	117	0.00	17./	ט	ЛΙ	0.00	10.2	ט

		AM Pea	k Hour		IV	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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 Stree	et	•								•		
Eastbound (West Side)	TR	0.64	26.0	С	TR	0.65	26.2	С	TR	1.05	78.8	Е
Southbound (West Side)	LT	0.94	26.7	С	LT	0.73	10.3	В	LT	0.74	6.2	Α
Eastbound (East Side)	L	0.35	9.1	Α	L	0.25	8.3	Α	L	0.23	8.1	Α
	Т	0.37	7.3	Α	Т	0.43	7.7	Α	Т	0.51	10.8	В
Northbound (East Side)	TR	0.74	12.3	В	TR	0.75	18.7	В	TR	0.93	59.2	Е
Park Avenue & East 39th Stree	et											
Westbound (East Side)	TR	1.70	337.7	F	TR	1.44	224.2	F	TR	1.41	212.3	F
Northbound (East Side)	LT	0.65	74.2	Е	LT	0.57	41.2	D	LT	0.97	79.2	Е
Westbound (West Side)	LT	1.53	265.5	F	LT	1.14	93.4	F	LT	1.23	126.3	F
Southbound (West Side)	Т	0.71	68.9	Е	Т	0.63	58.1	Е	Т	0.87	67.4	Е
	R	1.17	109.2	F	R	0.53	19.0	В	R	1.30	162.4	F
Park Avenue & East 40th Stree	et	•	•			•				•		
Eastbound (West Side)	TR	1.28	173.7	F	TR	1.30	183.3	F	TR	1.47	255.4	F
Southbound (West Side)		1.17	109.5	F	Т	1.18	117.8	F	Т	1.27	153.4	F
Eastbound (Tunnel Exit)		1.45	229.4	F	LT	1.43	215.8	F	LT	1.70	337.4	F
Northbound (Tunnel Exit)		0.83	16.2	В	Т	0.72	17.1	В	Т	0.87	20.7	С
Eastbound (East Side)		1.45	226.9	F	LT	1.35	180.5	F	LT	1.60	287.5	F
Northbound (East Side)		1.08	77.0	E	TR	0.83	31.8	С	TR	1.09	71.1	E
Park Avenue & East 46th Stree		1.00	77.0		111	0.00	31.0	O	110	1.07	71.1	
Eastbound (West Side)		0.39	25.4	С	Т	0.92	58.5	Е	Т	1.25	143.4	F
Lasibouria (West Side)	R	0.30	27.8	С	R	0.33	29.8	С	R	0.40	24.1	С
Southbound (West Side)		0.30	27.7	С	L	0.32	16.3	В	I	0.40	76.8	E
Southbound (West Side)	T	1.10	70.3	E	T	1.13	80.4	F	T	1.22	118.0	F
Eastbound (East Side)	-	0.56	23.7	С	<u>'</u>	0.93	48.7	D	<u>'</u>	0.95	23.1	С
Easibound (Easi Side)	T	0.86	32.0	С	T	1.26	147.7	F	T	1.34	172.3	F
Northhound (Fact Cida)				С	T			С	T			D
Northbound (East Side)		0.82	28.0	C	ı	0.85	33.2	C	ı	0.90	48.5	D
Park Avenue & East 47th Stree		1 00	20.7	Ь		1 10	245.4	г		1 10	(0.0	г
Westbound (East Side)		1.00	38.7	D	T	1.49	245.4	F	T	1.10	68.8	E
Northbound (Foot Cide)	R	0.51	16.2	В	R	0.92	40.4	D	R	0.79	18.7	В
Northbound (East Side)		0.12	241.3	F	L	0.16	95.3	F	L	0.27	98.8	F
MacHeering AM 1001	T	0.91	33.1	С	T	1.01	62.4	E	T	1.07	65.8	E
Westbound (West Side)		1.08	66.1	E	LT	1.53	257.6	F	LT	1.14	91.1	F
Southbound (West Side)		1.02	60.9	E	TR	1.00	57.4	E	TR	1.12	78.6	E
Park Avenue & East 48th Stree		0.11	00.1	_	-	0.50	00.0			0.70	05.0	-
Eastbound (West Side)		0.61	22.4	С	T	0.59	20.8	С	T	0.63	35.8	D
0 111 1611 1011	R	0.27	15.3	В	R	0.28	18.9	В	R	0.45	32.7	С
Southbound (West Side)		0.43	119.1	F	L	0.26	143.9	F	L_	0.22	65.2	E
<u></u>	T	1.20	105.3	F	T	1.15	88.8	F	T	1.05	62.2	E
Eastbound (East Side)		0.87	36.6	D	LT	0.91	35.3	D	LT	0.96	44.3	D
Northbound (East Side)		1.01	55.2	Е	TR	0.95	38.5	D	TR	1.04	62.8	E
Park Avenue & East 49th Stree		_				_				_		
Westbound (East Side)		1.08	85.8	F	Т	0.85	27.6	С	Т	0.99	70.9	E
	R	0.65	30.6	С	R	0.40	10.4	В	R	0.55	12.8	В
Northbound (East Side)		0.21	15.0	В	L	0.21	15.3	В	L	0.19	109.9	F
	Т	1.00	52.6	D	Т	1.03	50.0	D	Т	1.10	60.1	Е
Westbound (West Side)		1.18	100.0	F	LT	0.92	26.6	С	LT	1.06	59.9	Е
Southbound (West Side)	TR	1.01	68.1	Е	TR	0.98	58.3	Е	TR	0.98	65.0	Е

Interception 0 Ammunoch	n & Approach AM Peak Hour					idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 50th Stree	a t	Katio	(Sec)			Katio	(Sec)			Katio	(Sec)	
Eastbound (West Side)		0.73	19.4	В	T	0.84	19.8	В	T	0.91	42.6	D
Lastbouria (West Side)	R	0.73	13.0	В	R	0.75	18.1	В	R	0.65	28.1	С
Southbound (West Side)		0.17	82.8	F	L	0.23	13.5	В	L	0.20	16.1	В
(Treet elas)	T	0.98	63.0	E	T	1.09	61.7	E	T	1.10	67.6	E
Eastbound (East Side)	LT	0.96	41.4	D	LT	1.09	81.2	F	LT	1.20	127.1	F
Northbound (East Side)	TR	1.01	47.9	D	TR	0.89	31.6	С	TR	0.93	52.9	D
Park Avenue & East 51st Stree	et											
Westbound (East Side)	Т	0.70	25.4	С	Т	1.16	113.9	F	Т	0.72	28.8	С
	R	0.68	45.1	D	R	0.71	34.9	С	R	0.58	28.0	С
Northbound (East Side)	L	0.14	32.4	С	L	0.21	31.7	С	L	0.17	15.1	В
	Т	0.95	37.1	D	Т	1.05	66.6	Е	Т	1.10	65.0	Е
Westbound (West Side)	LT	0.87	28.8	С	LT	1.09	69.2	Ε	LT	0.86	28.3	С
Southbound (West Side)	Т	0.84	30.2	С	TR	1.07	61.3	Е	TR	0.91	42.1	D
	R	1.32	169.3	F								
Park Avenue & East 52nd Stre						1					T	
Eastbound (West Side)	TR	0.81	26.4	С	TR	1.01	61.5	E	TR	0.80	26.2	С
Southbound (West Side)	L	0.17	155.1	F	L	0.24	178.2	F	L	0.18	86.3	F
5 11 1/5 1011	T	1.18	98.0	F	T	1.02	66.5	E	T	1.06	65.2	E
Eastbound (East Side)		0.86	25.6	С	LT	0.96	36.6	D	LT	1.10	82.3	F
Northbound (East Side)	TR	0.97	31.2	С	TR	1.01	47.7	D	TR	1.08	62.9	E
Park Avenue & East 53rd Stree		1 01	120.0	г		0.7/	41.0			0.07	F2.4	
Westbound (East Side)	R	1.21	120.9 80.9	F F	T R	0.76	41.3 39.2	D D	T	0.87	53.4 33.1	D C
Northbound (East Side)		0.18	16.3	В	I I	0.04	17.8	В	R	0.53	18.6	В
Northbouria (Last Side)	T	0.10	31.6	С	T	1.06	61.4	E	T	1.14	80.4	F
Westbound (West Side)	LT	1.14	78.1	E	LT	1.11	85.8	F	LT	1.05	59.5	E
Southbound (West Side)		1.08	60.5	E	TR	0.96	39.7	D	TR	0.91	34.9	С
Park Avenue & East 54th Stree		1.00	00.0	_	111	0.70	07.7		111	0.71	01.7	
Eastbound (West Side)		0.94	35.4	D	TR	0.62	18.5	В	TR	0.84	25.0	С
Southbound (West Side)	L	0.31	13.5	В	L	0.22	10.8	В	L	0.15	12.1	В
, , , ,	Т	1.18	98.3	F	Т	1.02	58.1	Е	Т	1.02	58.5	Е
Eastbound (East Side)	L	0.33	10.2	В	L	0.34	10.5	В				
	Т	1.02	50.0	D	Т	0.65	16.2	В	LT	0.92	21.0	С
Northbound (East Side)	Т	0.86	19.4	В	TR	0.99	53.3	D	TR	0.98	60.5	Е
	R	0.65	16.8	В								
Park Avenue & East 55th Stree												
Westbound (East Side)		0.97	73.5	E	TR	1.12	110.4	F	TR	1.26	165.9	F
Northbound (East Side)	L	0.21	685.0	F	L	0.29	115.0	F	L	0.15	157.9	F
	T	1.07	68.4	E	T	1.12	74.1	E	T	1.14	83.1	F
Westbound (West Side)		0.92	29.9	С	LT	1.06	71.5	E	LT	1.18	102.2	F
Southbound (West Side)	T	1.00	59.0	E	TR	1.08	61.4	E	TR	1.16	89.2	F
Dork Avenue 9 Feet 5/45 Charles	R	0.55	14.0	В								
Park Avenue & East 56th Stree		0.72	29.2	C	TR	1.36	191.8	F	TD	1.34	175.9	F
Eastbound (West Side) Southbound (West Side)		0.72	155.4	C F	L	0.18	145.9	<u> </u>	TR L	0.17	1/5.9	В
Southboulid (West Side)	T	1.06	65.5	E	T	1.02	65.0	<u>г</u> Е	T	1.05	71.0	E
Eastbound (East Side)	LT	0.65	15.0	В	LT	1.16	92.8	F	LT	1.05	87.3	F
Northbound (East Side)	TR	1.02	51.9	D	TR	0.94	57.0	E	TR	1.08	62.4	E
. tortilodalid (Edot Side)	111	1.02	51.7	ט	111	J. 7 T	37.0	_		1.00	U. T	

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 57th Stree	7‡	Hatio	(000)			rtatio	(000)			Hatio	(000)	
Eastbound (West Side)	T	0.75	33.5	С	T	1.20	127.3	F	T	1.38	201.0	F
Edstbodild (West Side)	R	0.62	31.6	С	R	1.08	96.4	F	R	0.43	29.2	С
Westbound (West Side)	T	1.07	61.7	E	T	1.19	104.3	F	T	0.76	13.4	В
Southbound (West Side)	LTR	0.91	78.7	E	LTR	0.97	88.1	F	LTR	0.77	72.5	E
Eastbound (East Side)	LT	1.17	109.7	F	LT	1.22	117.4	F	LT	1.04	33.3	С
Westbound (East Side)	Т	0.76	44.0	D	Т	1.17	129.1	F	Т	0.52	30.4	С
	R	0.61	40.9	D	R	1.03	97.7	F	R	0.25	26.1	С
Northbound (East Side)	L	0.18	686.1	F	L	0.29	686.1	F	L	0.17	10.1	В
	T	0.97	34.9	С	Т	1.04	44.7	D	T	1.13	75.3	Е
	R	0.26	11.8	В	R	0.69	21.2	С	R	0.40	9.9	Α
Madison Avenue & East 39th S	Street											
Westbound	Т	1.27	147.2	F	Т	1.42	215.8	F	Т	1.53	257.9	F
	R	1.23	143.5	F	R	1.44	234.0	F	R	1.23	135.7	F
Northbound	LT	1.11	89.2	F	LT	1.00	86.8	F	LT	1.02	85.3	F
Madison Avenue & East 40th S	Street	_	I	_		I -		_				
Eastbound	L	0.97	58.0	E	L	0.72	40.2	D	L	1.19	120.5	F
		0.94	30.1	С	T	0.67	22.2	С	T	0.83	14.7	В
Northbound	TR	1.18	102.1	F	TR	1.11	66.9	E	TR	1.14	79.9	E
Madison Avenue & East 41st S	Street	0.45	54.0	-		0.40	40.7	-		0.50	F4.0	
Eastbound	L	0.45	51.0	D	L	0.49	49.6	D	L	0.53	51.0	D
NI - other d	T	0.29	29.4	С	TD	0.32	28.4	С	TD	0.22	27.5	С
Northbound	TR	1.21	111.4	F	TR	1.19	107.4	F	TR	1.20	111.4	F
Madison Avenue & East 42nd		1.50	200.4		LT	1 10	100 5		1.7	1 01	110.4	
Eastbound Westbound	T	1.58 1.53	288.4 264.2	F F	T	1.18 1.24	108.5 143.6	F F	LT T	1.21 1.27	119.4 157.3	F F
westbound	R	0.31	23.1	С	R	0.23	25.2	С	R	0.18	28.8	С
Northbound	LT	1.24	125.5	F	LT	1.21	114.3	F	LT	1.23	123.7	F
Northboard	R	0.55	16.9	В	R	0.74	94.6	F	R	0.43	13.8	В
Madison Avenue & East 43rd S		0.55	10.7	Ь	- 1	0.74	74.0	'	- 1	0.43	13.0	Ь
Westbound	T	0.78	37.9	D	T	1.28	180.0	F	T	0.56	29.3	С
Westboaria	R	0.97	126.3	F	R	1.54	296.9	F	R	0.67	44.5	D
Northbound	L	1.46	235.6	F	L	1.18	118.2	F	L	1.74	354.3	F
	T	1.07	62.1	E	T	1.13	78.8	E	T	1.22	118.8	F
Madison Avenue & East 46th S	Street		02	_								<u> </u>
Eastbound	LT	1.00	81.9	F	LT	0.92	50.4	D	LT	1.10	86.1	F
Northbound	Т	1.01	63.4	Е	Т	1.16	94.6	F	Т	1.12	73.6	Е
	R	1.07	125.9	F	R	0.77	17.6	В	R	0.88	173.9	F
Madison Avenue & East 48th S	Street		•			•				•		
Eastbound	L	1.10	114.4	F	L	0.96	80.1	F	L	0.74	26.4	С
	Τ	0.75	27.1	С	Τ	0.69	23.6	С	Τ	0.87	14.5	В
Northbound	T	1.12	77.0	E	T	1.00	68.1	Е	T	1.20	108.7	F
	R	0.60	20.7	С	R	0.72	28.9	С	R	0.78	32.1	С
Madison Avenue & East 49th S												
Westbound	TR	0.61	9.5	Α	TR	1.07	64.8	Е	TR	1.14	93.4	F
Northbound	L	0.54	12.0	В	L	0.29	10.7	В	L	0.23	11.8	В
	T	1.09	59.6	E	T	1.04	64.3	E	T	1.09	61.1	E
Madison Avenue & East 53rd S			40:-	_		0.55				2.5=	10.5	
Westbound	TR	1.17	106.3	F	TR	0.85	41.6	D	TR	0.95	48.9	D
Northbound	L	0.53	11.8	В	L	0.18	9.8	A	L	0.58	13.0	В
Madian A Roser	T	1.02	55.7	E	T	0.98	65.8	E	T	1.12	73.3	E
Madison Avenue & East 54th S		0.50	04.0		1 =		1100	-	1 =	07:	04 -	
Eastbound	LT	0.59	31.0	С	LT	1.16	113.3	F	LT	0.74	31.7	С
Northbound	T	1.04	63.2	E	T	1.15	89.6	F	ı	1.02	58.8	E
	R	1.08	70.1	E	R	0.93	42.6	D	R	0.73	18.2	В

i e		AM Pea	k Hour		M	lidday P	eak Houi	ſ		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
5th Avenue & 38th Street						•						
Eastbound	Т	0.44	18.2	В	Т	0.58	22.7	С	Т	0.52	19.3	В
	R	1.05	124.7	F	R	1.06	121.5	F	R	1.04	120.8	F
Southbound	LT	1.40	192.8	F	LT	1.37	182.8	F	LT	1.26	132.0	F
5th Avenue & 39th Street												
Westbound	L	1.15	118.9	F	L	0.93	60.8	Е	L	0.89	60.5	Е
	T	0.67	29.6	С	T	1.38	204.1	F	Т	0.90	40.9	D
Southbound	Т	1.31	170.3	F	Т	1.14	92.5	F	Т	1.28	146.9	F
	R	1.34	182.3	F	R	1.06	63.2	Е	R	1.15	92.2	F
5th Avenue & 40th Street		T	00/0				100 5			1	170.0	
Eastbound	TR	1.60	306.9	F	TR	1.34	199.5	F	TR	1.28	170.0	F
Southbound	LT	1.53	260.7	F	LT	1.10	67.8	E	LT	1.52	253.8	F
5th Avenue & 42nd Street		T 1 1 4	105.0			0.70	20.2	0		0.70	07.4	0
Eastbound	T R	1.14 0.21	105.8	F	T	0.72	28.3 21.9	C	T	0.69	27.4	С
Westbound	LT	1.47	23.8	C F	R LT	0.17 1.37	189.4	F	R LT	0.15 1.04	57.8	C E
Southbound	LT	1.47	232.0	F F	LT	1.57	255.6	F F	LT	1.04	243.4	F
Southbourid	R	0.05	14.0	<u>г</u> В	R	0.11	14.1	<u>г</u> В	R	0.03	2.2	A
5th Avenue & 43rd Street	П	0.03	14.0	ט	71	U. I I	14.1	ט	71	0.03	۷.۷	А
Westbound		0.64	29.8	С	1	0.88	29.4	С	1	0.73	32.0	С
Westboard	T T	0.67	25.2	С	T	0.68	12.9	В	T	0.60	27.7	С
Southbound	T	1.26	142.3	F	T	1.19	110.2	F	T	1.37	182.3	F
-	R	2.19	557.1	F	R	1.88	418.8	F	R	2.12	526.1	F
5th Avenue & 44th Street			00///				,,,,,,				020	
Eastbound	Т	0.42	24.1	С	Т	0.42	23.4	С	Т	0.46	23.4	С
	R	0.87	99.7	F	R	1.17	139.2	F	R	1.36	217.7	F
Southbound	LT	1.43	213.5	F	LT	1.43	212.4	F	LT	1.54	263.1	F
5th Avenue & 47th Street										•		
Westbound	L	1.02	105.1	F	L	0.99	70.8	Е	L	1.14	108.9	F
	Т	0.65	34.3	С	Т	0.55	34.6	С	Т	1.09	73.3	Е
Southbound	Т	1.44	219.1	F	Т	1.47	235.1	F	Т	1.39	192.3	F
	R	0.87	26.2	С	R	1.03	57.7	Ε	R	1.16	97.0	F
5th Avenue & 48th Street										•		
Eastbound	T	0.60	17.6	В	T	0.67	20.2	С	Т	1.20	128.1	F
	R	1.06	89.3	F	R	0.99	92.5	F	R	1.24	156.7	F
Southbound	LT	1.44	220.3	F	LT	1.32	166.9	F	LT	1.33	164.6	F
5th Avenue & 49th Street		0.53	07.7	-	1 7	0.50	22.0		. +	1 10	01.4	-
Westbound	LT	0.57	27.7	С	LT	0.50	23.2	С	LT	1.10	91.4	F
Southbound	T R	1.43 0.63	216.8	F B	T R	1.49 0.37	240.5	F B	T	1.41	199.8 9.8	F
5th Avenue & 54th Street	K	0.03	16.9	D	K	0.37	11.7	D	R	0.72	9.ŏ	Α
Eastbound	TR	0.53	23.9	С	TR	1.08	97.0	F	TR	0.94	52.6	D
Southbound	LT	1.43	23.9	F	LT	1.41	206.4	 	LT	1.47	228.7	F
5th Avenue & 57th Street		1,73	∠ 1 <i>I</i> . I	'	L1	1.71	200.4	'	- '	1.77	ZZU.1	
Eastbound	T	1.14	111.0	F	T	1.19	128.8	F	T	1.41	219.6	F
Lastboaria	R	0.85	143.2	F	R	1.07	126.8	F F	R	0.78	47.6	D
Westbound	LT	1.17	124.2	F.	LT	0.79	89.4	<u>·</u> 	LT	1.66dl	159.1	F
Southbound	LT	1.51	259.4	F	LT	1.06	84.1	F	LT	1.52	263.7	F
] · · · · · · · · · · · · · · · · · · ·	R	0.43	22.3	С	R	0.38	18.5	В	R	0.66	32.7	С
1						•				-		1
6th Avenue & West 48th Street												
6th Avenue & West 48th Street Eastbound	L	0.33	22.5	С	L	0.33	22.7	С	L	0.58	29.9	С
		0.33	22.5 132.7	C F	L T	0.33	22.7 78.4	C E	L	0.58 1.04	29.9 78.0	C E
	L											

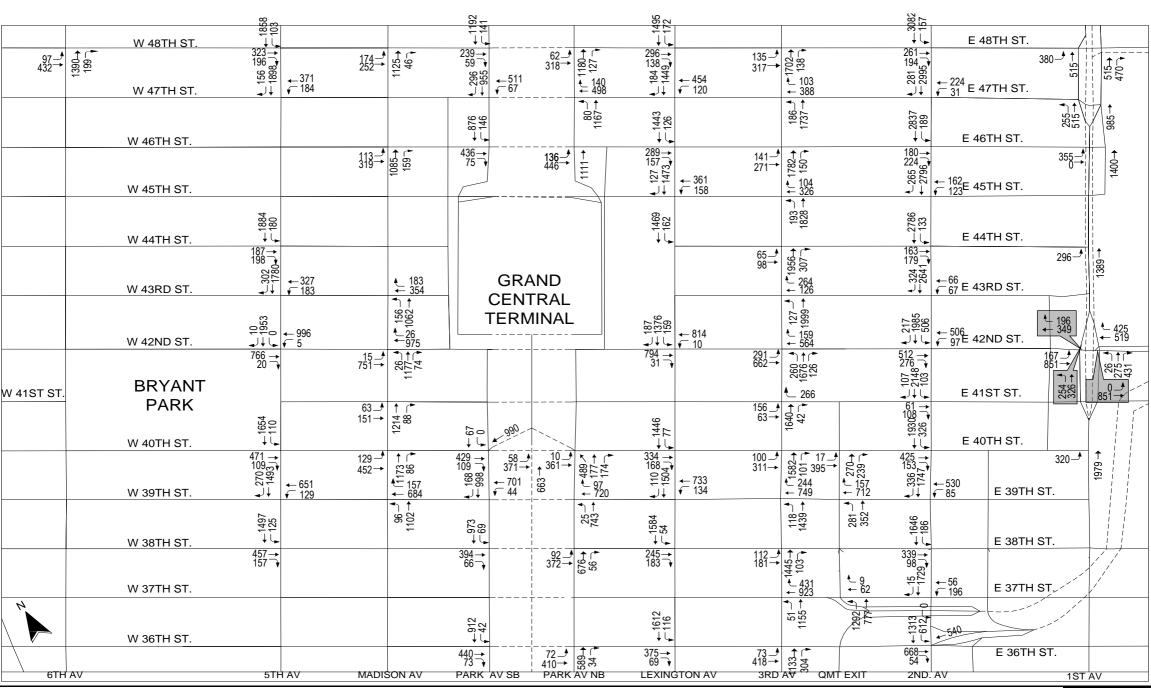
		AM Pea	k Hour		M	idday Po	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
6th Avenue & West 49th Stree												
Westbound	Т	0.79	33.0	С	Т	0.52	20.7	С	Т	1.03	74.2	Ε
	R	0.70	32.0	С	R	0.62	29.8	С	R	0.92	55.6	Ε
Northbound	LT	1.06	49.0	D	LT	1.06	50.7	D	LT	0.89	13.2	В

Interception () Approach		AM Pea	k Hour		M	idday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Unsignalized Intersections)	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												
Eastbound (West Side)	L	0.92	48.8	Е	L	0.61	21.0	С	L	0.52	18.0	С
Northbound	T	0.34	0.0	Α	Т	0.32	0.0	Α	Т	0.32	0.0	Α

Appendix F.6

Traffic Volume Figures for Proposed Action with PRI Condition





Traffic Volume Figures for Proposed Action with PRI Condition Weekday AM Peak Hour

Figure 1-a



CENTRAL PARK	W 60TH ST.					224 400 400 400 400 400 400 400	E 60TH ST.
W 59TH ST.						73,08	E 59TH ST.
W 58TH ST.					144 1	928 ▼ 62→ 31 •	E 58TH ST.
W 57TH ST.	€ 44 667 44 667 47 ← 859	177 1728 1728 1738	19	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4 239 ←704 ←704	75 - 739 - 640 - 640 - 640	E 57TH ST.
W 56TH ST.	694 	204 87 209 209 1	737 737 737 737 737 737 737 737 737 737	225	26—1 101 101 101 101 101 101 101 101 101 1	7.92 196 196 196 196 196 196 196 196 196 196	252 - ↑ ↑ ↑ ↑ ↑ ½528 E 56TH ST.
W 55TH ST.		283 → 68-5 · ← 29:	288 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	298 → 105 ⊕ 08 + 115 ← 326	148 → 267 → 05 E E H	216 219 65 4 382 4 112	E 55TH ST.
W 54TH ST.	1744 149	←1375 ←83	1212	1435 128	153. 1599 →	←-2841 ←-10	€ 54TH ST.
W 53RD ST.	296 → 11 143 → 3	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		408	189 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	371 → 104 € 7 202 → 536 1 ← 268	165 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
W 52ND ST.		121 1 1156 + 1362 1 85	1171	1468	214.4	- 2949 - 62	± 52ND ST.
W 51ST ST.		331→ 75→ 888 ↓↓ ← 382		285 → 137 % 00 + → 315 - → 112	181_ ^	141 → 180 → 150 ← 157 ← 133	E 51ST ST.
W 50TH ST.		+ 1220 + 131	85 + 1214 →	——————————————————————————————————————	1602 – 1602 –	\$ 4 −3036	E 50TH ST.
214 + 319 W 49TH ST.	415 - 415 - 120	383 → 96 → 47 436 → 11		309 — 179 — 179 — 508 — 170	166 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	389 → 84 ↑ 84 ↑ 7687 ← 433 √ 345	E 49TH ST. ← 62
61H AV 7	5TH AV M	ADISON'AV PARK AV SB	PARK AV NB	LEXINGTON AV	3RD AV QMT EXIT	2ND. AV	18T AV

Traffic Volume Figures for Proposed Action with PRI Condition Weekday AM Peak Hour

Figure 1-b



		216		11064	—————————————————————————————————————		75.69
	W 48TH ST.	1616 4 1616		↓ 🗐			↓ F 48TH ST.
97 363	217 -	173	148 	326 → 92 <i>→</i> 351 → 351	188 → 188 →	122 - 235 - 25	124 → 285 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
	W 47TH ST.	353→ 173 → 173 ← 336 193	=	25 25 462 √ 27	279 → 188 → 374 - 112 ← 374 - 404 → 1 ← 139	122 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	124→ 221 → 285→ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
				- 833 - 833 - 833	85 ♣ 1148 ┿ ← 1274 ∳ 72	205→	163 ± 468 ± 1042 ± 104
	W 46TH ST.			↓ ↓	↓ [_		↓
			393 + 8 & &	521→ 56 → 177→ 433→	↑ 407→ 26↑ 75 26↑	98→ 1285 1727 1727	240 → 426 → 1
	W 45TH ST.				407→ 26 17 42 26 17 42 298 3 4 42	↓ 138 ← 202	240→ 314 0 314 0 150 ← 93 115 E 45TH ST.
		13			155	1616	0230
	W 44TH ST.	← 1609 ← 143			+1155 + 128		052530 E 44TH ST.
		202 273 				46 → + + + + + + + + + + + + + + + + + +	171→ 132→ 132→ 132→ 132→ 1386→ 1580 1580 1580 1580 1580 1580 1580 1580
	W 43RD ST.	202 → 273 → \$59 ← 255 \$191	<u>↓</u> 257 ← 340	GRAND		191 ← 122	97₹ - 41 E 43RD ST.
			120 ↑	CENTRAL TERMINAL	8.8	→ 96 → 38 → 38 → 38 → 38 → 38 → 38 → 38 → 3	087
	W 42ND ST.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	\$0 \$1 \$1 \$50		→ 739 → 10	- 96 - 168 - 505	$\begin{array}{c} & & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & &$
		702 → 21 →	15_ 1 15_ 1 087		280 E ← 739 ← 10 644 149	2444 4468 5017 4 4 L	450 → 270 → 1 ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
W 41ST ST.	BRYANT		12,1			√ 180 √ 247€	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
VV 4131 31.	PARK		84 <u></u> ↑ ↑ ↑ ↑ 168 → 252 × 681			204 <u>1</u> 1 1 2	62 -
	W 40TH OT	+1554 + 60	1262	50 921	←1251 ←72	22 146	62 → 123 → 505 125 ← 125 ← 127 ← 127 ← 128 ← 129
	W 40TH ST.	386 →	108 — ↑ ↑ 338 — £5 &	327 → 19 → 16 → 19 → 292 → 19 → 10 → 10 → 10 → 10 → 10 → 10 → 10	374 →	182 **	252 - 350 - +
	W 39TH ST.	386 → 1590 1590 ← 553 ← 119	338→ 100 338→ 100 100 100 100 100 100 100 10	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	374 → 74 £ 74 £ 74 £ 74 £ 74 £ 74 £ 74 £	182 264 264 137 430 290 290 208 208 209	252 → 281 °
	33 3		◆ ↑		h †	1299 + 12	
	W 38TH ST.	←1443 ←156	102	919	37- 701- 1180 1 − 60	126	1502 1502 1502 1503 1503 1503 1503 1503 1503 1503 1503
	vv 301H 31.	524→ 198→		479 — 106 —		138 1 † £ 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	354
	W 37TH ST.			,,	017	100 ± 388 ± 388 ± 668 ± 170	354→ 194→ 194→ 1950 ← 125 166 E 37TH ST
14	37 111 611				9	10-01 10	
	W 36TH ST.			+ 68 + 68	←1146 ←214	901	1405
				390→ 109→ PARK AV SB PARK A		10 → ↑ ↑ 745 → 69 8 3RD AV QMT EXIT	783→ 68 • E 36TH ST.
6TH	AV	5TH AV	MADISON AV	PARK AV SB PARK A	VNB LEXINGTON AV	3RD A♥ QMT EXIT	2ND. AV 1ST AV

Traffic Volume Figures for Proposed Action with PRI Condition Weekday Midday Peak Hour

Figure 2-a

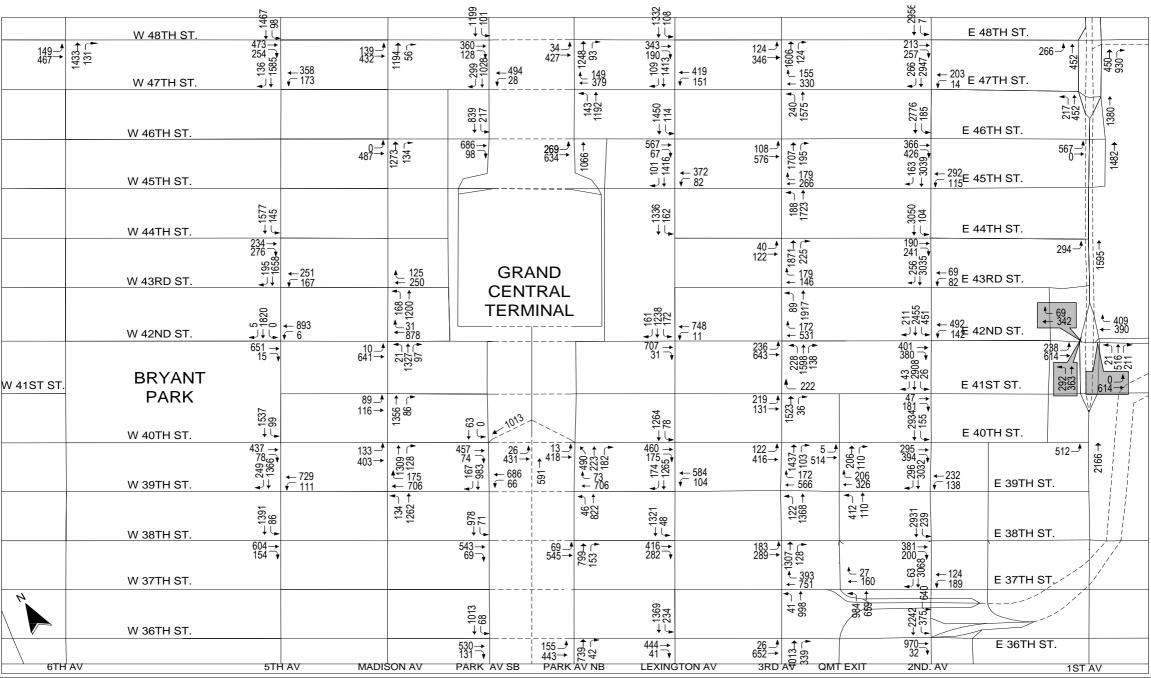


CENTRAL PARK	W 60TH ST.					252886 + 2474 - 56-794 + 2174 - 56-794 + 2174 - 56-794 + 2174 - 56-794 + 2174	E 60TH ST.	
W 59TH ST.						901 - 100 -	E 59TH ST.	
W 58TH ST.					138 4 15 + 1 5 + 1 +	726 × 67→ 87 •	E 58TH ST.	
W 3611131.	€21 134 134 134 134 134 134 134 13	32 de 265 - 565 - 0	160	365 31073 1073 1073	. 0 . 134	© 220 → ↓ ↓ ← 72		A 41
W 57TH ST.	743 → 21 743 → 248 →	691 → 156 % E	10 + 463 10 + 713 + 266 82	528	41 → 134 659 → 134 659 → 134 659 → 134 141 →	699 107 107 107	E 57TH ST.	1338 1338 1338 141 141
W 56TH ST.		387→ 104→	48 → ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	379 → 171 SZZ ← 211 92 → 163	131 → 331 → 5 → 166	244→ 201 _© +	E 56TH ST.	. 74
W 55TH ST.	←1730 ←74	24 101 101 101 101 101 101 101 10	75 	163	264 264 27 ← 5113	24.70 12. 24.70 12. 25.2 12. 25.2 12. 25.2 13. 25.2 14. 25.2 15. 25.2 16. 25.2 17. 25.2 18. 25.	E 55TH ST.	₹ 300 ₹ 300 ₹ 300
W 54TH ST.	402→ 52 → 108− 368−	86.8 113.2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	109 + CE 157 + 409	485 → 21 80 82 → 490 21 ← 21	252	330→ 135→ 135→	E 54TH ST.	
W 53RD ST.		 →	157 409 984 984		144 ← 322 ↑ ↑ ↑ 88-	2652 28 424 283 315 4315	E 53RD ST.	141 401 100 100 100 100 100 100
W 52ND ST.		335 →	78.→ ↑ ↑ ↑ ↑ 336 → 262 ↓ 764 ← 261	291 1090 1	126-* 257-* 257-* 126-*	199→ 168 9	E 52ND ST.	
W 51ST ST.			7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		17624 17624 17 88 18 88		E 51ST ST.	
W 50TH ST.		329 → 1188 →		374 46 123 374		789 	E 50TH ST.	
4_ 215 ← 245 W 49TH ST.	15 15 15 15 15 15 15 15 15 15 15 15 15 1	329 → 148 → 4 77 ← 375 ← 374 ← 110	€ 124 ← 416	374 → 485 46 € 7 485 ← 16	€ 93 ← 314	289 → 142 6 142 6	E 49TH ST.	<u>♣</u> 67 ★ 408
6TH AV 7592	5TH AV MAD	SON'AV PARK AV SB	PARK AV NB	LEXINGTON AV	3RD AV QMT EXIT	2ND. AV	1ST	AV

Traffic Volume Figures for Proposed Action with PRI Condition Weekday Midday Peak Hour

Figure 2-b





Traffic Volume Figures for Proposed Action with PRI Condition Weekday PM Peak Hour

Figure 3-a



CENTRAL PARK	W 60TH ST.						287 287 298 4 21 5 1 288 641 945 945 945	E 60TH ST.	
							667 945		
W 59TH ST.						A A C	25.2	E 59TH ST.	
						62 + + + + + + + + +	896 ▼ 67 → 149 ▼		
W 58TH ST.						,		E 58TH ST.	
W 57TH ST.	519 √ 41 √ 41		525	♣ 72 ♣ 417	980 4 1 2 1 2 3 8 0	0 109 ←275 ←275	154 ↓ 533 ↓ 154 ↓ 41	E 57TH ST.	<u>↓ 56</u> ← 472
W 56TH ST.	892 → 198 →		2525 869 113 113 113 113 113 113 113 113	15 15 15 16 888 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	380 915 98 1186	10 109 -275 -275 941 + 275 927 + 275	1087 	59- 82- E 56TH ST.	677 1893 \$56 \to 56
W 55TH ST.			336→ 9460 ↓ ← 273 √ 58	83	358→ 1186 18627 4 311 7 174	154 → 313 → 226 40 ← 317	287 → 147 86 84 57 ← 439 7 92	E 55TH ST.	4 51 ← 257
W 54TH ST.	← 1490 ← 118		←1100 ←57	1506	1310	148♣	←2280 ←10	E 54TH ST.	2459 →
W 53RD ST.	529 46	144 → † † † 533 → † † 551 ← 423	623 → 159 E61 91 ← 408 √ 162	160 — 176 520 — 176 488	538 → 82 + 82 + 591 - - - 57	283 / ↑ (**) 358 / (**) 121 / 472	418→ 756₹ 92₹27 ← 417 ↓↓ ← 266	242- 186- E 53RD ST.	752 ↓ 152 ↓ 503
W 52ND ST.		105 —	←1259 ←96	1341+	1273	176 1558 →	2382 + 63	E 52ND ST.	2554 →
W 51ST ST.			381— 76— 76— 76— 76— 76— 76— 76— 76— 76— 76	105_+ 372 → & & & E & L 121 + 311	333 → 140 N 140 N 150 E 150 H 150	153 	163→ 194 868 24 → 212 √ 82	E 51ST ST.	
W 50TH ST.			-1157	1286	169	1528	-2475 -5	E 50TH ST.	
213 ← 341 W 49TH ST.	259 ↓ 457 ↓ 41	♣ 87 ♣ 425	301→ 1410→ 867 √ 100	134 — ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑	300 — 82 E 82 E 95 — 476 97	175 → ↑ ↑ 294 → 898 ← 109 ← 392	214→ 175 6 175 6	E 49TH ST.	<u>♣</u> 81 ← 521
61H AV 4311131.	5TH AV	# A P P P P P P P P P P P P P P P P P P	PARK AV SB	PARK AV NB	LEXINGTON AV	3RD AV QMT EX		1 1 1	T AV

Traffic Volume Figures for Proposed Action with PRI Condition Weekday PM Peak Hour

Figure 3-b



Appendix F.7

A Listing of Changes in Intersection Configuration in the Proposed Action with PRI Condition



Changes in Intersection Configurations in the Proposed Action with PRI Condition

Intersection	Public Realm Improvement	Approach	Peak Hour(s)	With-Action Configuration	With-Action With-Improvements Configuration
Third Avenue @ E. 40th Street	New Left Turn Bay	EB	-	1 LT (13')	1 L (10'), 1 T (11')
Third Avenue @ E.	New Turn Lane	NB	AM	4 LT (10'), 1 R (11') 0 parking maneuvers for L lane group	1 L (10'), 4 T (10'), 1 R (11') 5 parking maneuvers for L lane group
42nd Street	New Full Lane	ND	MD/PM	4 LT (10'), 1 R (11')	1 L (10'), 4 T (10'), 1 R (11')
Third Avenue @ E. 43rd Street	Curb Bulb-out	WB	AM	1 TR (12'), 1 R (12')	1 TR (12')
Third Avenue @ E.	Shared Street	EB	AM	1 LT (12') 5 parking maneuvers for L lane group 10 parking maneuvers for T lane group	1 LT (12') parking with 0 maneuvers for L lane group parking with 0 maneuvers for T lane group
44th Street	Shareu Sheet	LB	MD/PM	1 LT (12') 10 parking maneuvers for L lane group 10 parking maneuvers for T lane group	1 LT (12') parking with 0 maneuvers for L lane group parking with 0 maneuvers for T lane group
Third Avenue @ E. 45th Street	New Left Turn Bay	NB	-	4 LT (10')	1 L (10'), 4 T(10')
Third Avenue @ E. 47th Street	New Left Turn Bay	NB	-	4 LT (10')	1 L (10') 4 T (10')
Third Avenue @ E. 49th Street	New Left Turn Bay	NB	-	4 LT (10')	1 L (10'), 4 T (10')
Third Avenue @ E. 51st Street	New Left Turn Bay	NB	-	4 LT (10')	1 L (10'), 4 T (10')
Third Avenue @ E. 55th Street	New Left Turn Bay	NB	-	4 LT (10')	1 L (10'), 4 T (10')
Lexington Avenue @			AM	3 LT (10)' 0 parking maneuvers for L lane group	1 L (10'), 3 T (10') 5 parking maneuvers for L lane group
E. 40th Street	New Left Turn Bay	SB	MD PM	3 LT (10)' 4 LT (10)'	1 L (10'), 3 T (10') 1 L (10'), 4 T (10')
Lexington Avenue @ E. 46th Street	New Left Turn Bay	SB	-	3 LT (10')	1 L (10'), 3 T (10')
Lexington Avenue @ E. 48th Street	New Left Turn Bay	SB	-	3 LT (10') 0 parking maneuvers for L lane group	1 L (10'), 3 T (10') 5 parking maneuvers for L lane group
Lexington Avenue @ E. 50th Street	New Left Turn Bay	SB	-	3 LT (10')	1 L (10'), 3 T (10')
Lexington Avenue @ E. 52nd Street	New Left Turn Bay	SB	-	3 LT (10')	1 L (10'), 3 T (10')
Lexington Avenue @ E. 54th Street	New Left Turn Lane	SB	AM/MD	3 LT (10') 0 parking maneuvers for L lane group	1 L (10'), 3 T (10') 5 parking maneuvers for L lane group
L. 34III 3IIEEI			PM	3 LT (10')	1 L (10'), 3 T (10')

Intersection	Public Realm Improvement	Approach	Peak Hour(s)	With-Action Configuration	With-Action With-Improvements Configuration
		EB	-	1 LT (12')	1 T (12')
Park Avenue @ E.			AM/MD	1 TR (11')	1 R (11')
40th Street (east side)	Pedestrian Plaza	NB	PM	1 TR (11') 10 parking maneuvers for T lane group 0 parking maneuvers for R lane group	1 R (11') 0 parking maneuvers for T lane group 10 parking maneuvers for R lane group
Park Avenue @ E. 40th Street (west side)	Pedestrian Plaza	SB	-	3 T (10') 5 parking maneuvers for T lane group	1 T (10') 0 parking maneuvers for T lane group
			AM	3 TR (11')	2 T (11'), 1 R (11')
Park Avenue @ E. 47th Street (west side)	Park Avenue Median Widening	SB	MD	3 TR (11') 5 parking maneuvers for T lane group 5 parking maneuvers for R lane group	2 T (11), 1 R (11) 0 parking maneuvers for T lane group 0 parking maneuvers for R lane group
			PM	3 TR (11') 5 parking maneuvers for T lane group	2 T (11), 1 R (11) 0 parking maneuvers for T lane group (uncheck)
Park Avenue @ E. 48th Street (east side)	Park Avenue Median Widening	NB	-	3 TR (11')	2 T (11), 1 R (11)
Park Avenue @ E.	Park Avenue Median	0.0	AM/MD	3 TR (11')	2 T (11'), 1 R (11')
49th Street (west side)	Widening	SB	PM	3 TR (11') 0 parking maneuvers for R lane group	2 T (11'), 1 R (11') 5 parking maneuvers for R lane group
Park Avenue @ E.	Park Avenue Median	NB	AM/MD	3 TR (11')	2 T (11'), 1 R (10')
50th Street (east side)	Widening	IND	PM	3 TR (11') 0 parking maneuvers for R lane group	2 T (11'), 1 R (10') 10 parking maneuvers for R lane group
			AM	3 T (11'), 1 R (11')	2 T (11'), 1 R (11')
Park Avenue @ E.	Park Avenue Median	SB	MD	3 TR (11')	2 T (11'), 1 R (11')
51st Street (west side)	Widening	00	PM	3 TR (11') 0 parking maneuvers R lane group	2 T (11'), 1 R (11') 5 parking maneuvers for R lane group
Park Avenue @ E. 52nd Street (east side)	Park Avenue Median Widening	NB	-	3 TR (10')	2 T(10'), 1 R (11')
Park Avenue @ E.	Park Avenue Median	CD	AM/MD	3 TR (11')	2 T (11'), 1 R (10')
53rd Street (west side)	Widening	SB	PM	3 TR (11') 0 parking maneuvers for R lane group	2 T (11'), 1 R (10') 5 parking maneuvers for R lane group
			AM	3 T (10') 1 R (10')	2 T (10'), 1 R (10')
Park Avenue @ E.	Park Avenue Median	NB	MD	3 TR (10')	2 T (10'), 1 R (10')
54th Street (east side)	Widening	IND	PM	3 TR (10') 0 parking maneuvers for R lane group	2 T (10'), 1 R (10') 5 parking maneuvers for R lane group
			AM	3 T (10'), 1 R (10')	2 T (10'), 1 R (10')
Park Avenue @ E.	Park Avenue Median	SB	MD	3 TR (10')	2 T (10'), 1 R (10')
55th Street (west side)	Widening	35	PM	3 TR (10') 0 parking maneuvers for R lane group	2 T (10'), 1 R (10') 5 parking maneuvers R lane group
Park Avenue @ E.	Park Avenue Median	NB	AM/MD	3 TR (11')	2 T(11'), 1 R (11')
56th Street (east side)	Widening	IND	PM	3 TR (11') 0 parking maneuvers for R lane group	2 T(11'), 1 R (11') 5 parking maneuvers R lane group

Intersection	Public Realm Improvement	Approach	Peak Hour(s)	With-Action Configuration	With-Action With-Improvements Configuration
Madison Avenue @ E. 40th Street	New Bus Lane	NB	-	3 TR (11') 5 bus blockages for T lane group 0 bus blockages for R lane group	2 T (11'), 1 R (11') 0 bus blockages for T lane group 5 bus blockages for R lane group
	Shared Street	EB	-	1 L (11'), 1 T (11') 10 parking maneuvers for L lane group 10 parking maneuvers for T lane group	1 LT (11') 0 parking maneuvers for L lane group parking with 0 maneuvers for T lane group
Madison Avenue @ E.			AM	3 TR (11') 14 bus blockages for T lane group 0 bus blockages for R lane group	2 T (11'), 1 R (11') 0 bus blockages for T lane group 14 bus blockages for R lane group
41st Street	New Bus Lane	NB	MD	3 TR (11') 5 bus blockages for T lane group 0 bus blockages for R lane group	2 T (11'), 1 R (11') 0 bus blockages for T lane group 5 bus blockages for R lane group
			PM	3 TR (11') 4 bus blockages for T lane group 0 bus blockages for R lane group	2 T (11'), 1 R (11') 0 bus blockages for T lane group 4 bus blockages for R lane group

Appendix F.8

Traffic LOS Tables for Proposed Action with PRI Condition



Greater East Midtown Rezoning FEIS

Traffic LOS Tables for Proposed Action with PRI Condition

Traffic LOS Tables for Propos	ea Actioi	AM Pea		tion	N	lidday P	eak Hou	r	PM Peak Hour			
Intersection & Approach		v/c	Delay			v/c	Delay			v/c	Delay	
(Signalized Intersections)	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS
1st Avenue & East 40th Street							. ,					
Eastbound	L	1.15	105.1	F	L	1.03	80.4	F	L	1.37	195.4	F
Northbound	T	1.25	140.3	F	Т	0.91	30.5	С	Т	1.40	205.4	F
1st Avenue & East 42nd Street												
Eastbound (East Side)	T	1.32	172.3	F	Т	0.86	25.8	С	Т	0.77	16.8	В
Westbound (East Side)	TR	1.23	146.7	F	TR	0.77	41.5	D	TR	0.82	39.6	D
	R	1.19	157.3	F	R	1.50	289.7	F	R	1.30	197.2	F
Northbound (East Side)	LT	0.69	99.2	F	LT	0.47	21.4	С	LT	1.25	154.5	F
	R	1.66	326.8	F	R	0.49	22.6	С	R	1.37	205.9	F
Eastbound (West Side)	L	0.98	113.6	F	L	1.09	95.5	F	L	1.08	93.7	F
	T	0.80	74.6	E	Т	0.50	21.8	С	Т	0.50	15.9	В
Westbound (West Side)	TR	1.04	37.2	D	TR	0.70	8.4	Α	TR	0.59	5.5	Α
Northbound (West Side)	L	0.78	26.7	С	L	0.51	19.4	В	L	1.07	68.8	Ε
	T	0.76	82.0	F	T	0.50	26.0	С	T	0.92	87.3	F
1st Avenue & East 44th Street		0.00	05.0	-	<u>,</u>		76 :	-	<u>,</u>	0.10	06.5	
Eastbound	L	0.82	25.3	С	L	1.05	78.4	E	L	0.68	21.3	С
Northbound	T	0.72	1.8	Α	T	0.55	1.1	Α	T	0.82	3.0	Α
1st Avenue & East 46th Street				_								_
Eastbound	L	0.82	31.7	С	L	1.11	99.3	F	L	1.48	243.5	F
Northbound	T	0.72	2.4	Α	T	0.66	2.6	Α	T	0.96	60.9	Ε
1st Avenue & East 47th Street												
Northbound (East Side)	Т	0.76	13.6	В	T	0.83	17.6	В	T	1.23	124.1	F
Northbound (West Side)	L	0.72	17.6	В	L	0.47	11.5	В	L	0.62	12.8	В
	T	0.74	18.5	В	T	0.73	16.7	В	Т	0.71	13.0	В
1st Avenue & East 48th Street	_											
Northbound (East Side)	T	0.33	0.4	A	T	0.32	0.3	A	T	0.29	0.2	A
	R	0.68	4.3	Α	R	0.89	14.2	В	R	1.43	206.1	F
1st Avenue & East 49th Street	_											_
Westbound (East Side)	T	1.06	81.3	F	T	0.72	28.6	С	T	0.87	40.5	D
	R	0.20	17.0	В	R	0.19	16.8	В	R	0.22	17.1	В
Northbound (East Side)	T	1.02	80.4	F	T	0.93	67.6	E	T	1.25	140.6	F
Westbound (West Side)	T	1.06	37.9	D	T	0.72	6.2	A	T	0.87	12.2	В
Northbound (West Side)	LT	1.05	58.5	E	LT	0.93	30.1	С	LT	1.14	96.1	F
1st Avenue & East 53rd Street	TD	0.00	21 7	0	TO	0 /1	25.4	0	TO	0.71	27.7	0
Westbound	TR	0.80	31.7	С	TR	0.61	25.1	С	TR	0.71	27.7	С
Northbound	L	0.73	33.9	С	L	0.62	27.8	С	L	0.64	29.3	С
1ot Augus 9 Fast F4th Cture	T	0.81	25.3	С	T	0.86	26.6	С	T	1.11	78.8	E
1st Avenue & East 54th Street	1 7	1 10	102.2	г	1 7	1 10	105 1	г	1 7	1 22	140.0	г
Eastbound	LT	1.12	103.3	F	LT	1.12	105.1	F	LT	1.22	140.0	F
Northbound	T	1.02	64.1	E	TR	0.95	13.0	В	T	1.08	53.6	D B
1st Avenue 0 Foot SSIL Co	R	0.79	18.7	В					R	0.82	12.0	R
1st Avenue & East 55th Street	TD	0.04	40.4		TO	1 01	711	_	TO	0.70	247	0
Westbound	TR	0.84	43.4	D	TR	1.01	74.1	E	TR	0.73	34.7	С
Northbound	L	1.21	123.6	F	L	0.98	41.8	D	L	1.09	60.9	E
1at August 0 Feet 57th Co	T	1.05	60.8	E	T	0.77	5.5	А	T	1.00	47.7	D
1st Avenue & East 57th Street	1.7	1 00 "	FC 0	-	17	101"	20.4	_	17	0.50	20.4	
Eastbound	LT	1.20dl	58.2	E	LT	1.06dl	39.4	D	LT	0.58	33.4	С
Westbound	TR	0.39	30.2	С	TR	0.77	40.1	D	TR	0.87	48.2	D
Northbound	L	0.38	21.4	С	L	1.03	66.4	E	L	1.04	69.9	E
	T	1.38	197.3	F	TR	0.82	9.5	Α	T	0.90	13.7	В
	R	0.23	9.1	Α					R	0.15	7.6	Α

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	+	Ratio	(366)			Ratio	(366)			Ratio	(366)	
Eastbound	TR	1.32	176.6	F	TR	0.97	41.3	D	TR	1.73	355.1	F
Southbound	L	1.72	345.6	F	L	0.31	6.6	A	L	0.84	15.3	В
Countral	T	1.20	110.0	F	T	0.79	11.3	В	T	1.12	73.1	E
Westbound (Tunnel Exit)	Ĺ	1.14	115.7	F	•	0.77	1110		•		7011	_
2nd Avenue & East 37th Street			11017	·								
Westbound	LT	1.01dl	45.6	D	LT	0.41	17.1	В	LT	0.49	19.2	В
Southbound	T	1.27	135.4	F	TR	1.11	63.6	E	T	1.28	140.5	F
	R	0.10	3.3	Α					R	0.35	4.5	Α
2nd Avenue & East 38th Street		1										
Eastbound	TR	1.18	126.8	F	TR	0.82	34.4	С	TR	1.14	110.8	F
Southbound	LT	1.31	156.0	F	LT	1.12	64.7	Е	LT	1.30	149.7	F
2nd Avenue & East 39th Street		1										
Westbound	L	0.26	23.8	С	L	0.31	24.4	С	L	0.37	25.6	С
	Т	1.01	94.0	F	T	0.40	25.1	С	T	0.44	25.8	С
Southbound	T	1.26	138.5	F	TR	1.23	121.4	F	Т	1.28	144.6	F
	R	1.16	94.6	F					R	0.87	20.8	С
2nd Avenue & East 40th Street												
Eastbound	T	0.86	45.2	D	T	0.60	21.9	С	Т	1.17	104.7	F
	R	0.60	36.6	D	R	1.06	85.6	F	R	1.41	209.6	F
Southbound	LT	1.15	88.8	F	LT	1.16	91.6	F	LT	1.19	98.3	F
2nd Avenue & East 41st Street						•						
Eastbound	TR	0.58	45.9	D	TR	0.61	32.1	С	TR	1.01	84.9	F
Southbound	LT	1.29	148.4	F	LT	1.22	113.8	F	LT	1.26	136.2	F
	R	0.76	17.7	В	R	0.17	8.4	Α	R	0.21	5.4	Α
2nd Avenue & East 42nd Stree	t											
Eastbound	TR	1.38	199.4	F	TR	1.06	73.4	E	TR	1.18	107.5	F
Westbound	LT	2.02dl	164.4	F	LT	1.18dl	111.4	F	LT	1.98dl	186.3	F
Southbound					L	1.34	178.7	F				
	LT	1.20	116.5	F	T	1.15	93.3	F	LT	1.21	112.9	F
	R	0.77	27.6	С	R	1.05	59.7	E	R	0.88	22.0	С
2nd Avenue & East 43rd Stree												
Westbound	LT	0.34	25.5	С	LT	0.25	23.4	С	LT	0.38	25.7	С
Southbound	T	1.16	89.6	F	TR	1.50	247.4	F	Т	1.17	93.7	F
	R	1.18	104.7	F					R	1.24	129.2	F
2nd Avenue & East 44th Street	İ											
Eastbound	TR	1.03	55.8	Ε	TR	1.01	49.3	D	TR	1.27	147.6	F
Southbound					L	0.55	8.7	Α				
	LT	1.21	113.2	F	T	1.20	105.0	F	LT	1.17	88.2	F
2nd Avenue & East 45th Street		T				1	-				-	
Westbound	LT	1.01	93.9	F	LT	0.74	44.0	D	LT	1.09	86.0	F
Southbound	T	1.20	108.1	F	TR	1.47	230.8	F	T	1.16	87.8	F
	R	1.25	133.9	F					R	1.10	72.5	E
2nd Avenue & East 46th Street				_								
Eastbound	TR	0.67	38.4	D	T	0.58	32.1	С	TR	1.29dr	90.3	F
2					R	1.25	162.2	F				
Southbound		4.00	40::	_	L	0.56	10.4	В		4	04.5	
0.14	LT	1.20	106.6	F	T	1.24	125.8	F	LT	1.16	84.2	F
2nd Avenue & East 47th Stree		0.00	/00	_	17	0.50	-,.	_	17	0.77	07.	-
Westbound	LT T	0.80	62.9	E	LT	0.52	54.4	D	LT	0.66	27.6	С
Southbound		1.24	121.6	F	TR	1.53	257.0	F	T	1.19	95.3	F
	R	1.10	67.3	Ε					R	1.24	123.3	F

	AM Peak Hour				M	lidday P	eak Hou	r		PM Pea	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS		
2nd Avenue 0 Feet 40th Chron		Ratio	(sec)			Ratio	(sec)			Ratio	(sec)			
2nd Avenue & East 48th Street Eastbound	TR	1 10	101.0	F	TD	1 12	104.0	F	TD	1 10	122.0	F		
Southbound	L	1.18 0.57	121.3 11.6	В	TR L	1.13	104.0 149.2	F	TR	1.19	132.8	r		
Southbound	T	1.55	266.7	F	T	1.20	188.2	F	LT	1.12	71.0	E		
2nd Avenue & East 49th Street		1.55	200.7	'		1.37	100.2	'	LI	1.12	71.0	L		
Westbound	L	0.90	92.0	F	L	0.99	101.4	F	L	1.28	162.1	F		
Westbound	T	0.40	23.6	С	T	0.23	19.8	В	T	0.41	20.1	С		
Southbound	T	1.34	172.3	F	TR	1.20	105.4	F	T	0.95	48.4	D		
	R	1.02	44.2	D					R	0.46	1.9	Α		
2nd Avenue & East 50th Street														
Eastbound	TR	1.22	150.9	F	TR	1.32	191.4	F	TR	1.15	109.6	F		
Southbound	L	0.09	8.0	Α	L	0.60	11.2	В						
	Т	1.62	299.1	F	Т	1.37	184.8	F	LT	1.15	76.7	Е		
2nd Avenue & East 51st Street														
Westbound	LT	1.40	233.2	F	LT	0.73	38.7	D	LT	0.73	37.7	D		
Southbound	T	1.62	297.9	F	TR	1.38	187.5	F	T	1.10	57.1	Е		
	R	0.97	32.3	С					R	0.99	30.3	С		
2nd Avenue & East 52nd Stree							_							
Eastbound	TR	0.84	39.9	D	TR	0.93	45.5	D	TR	0.92	51.8	D		
Southbound	L	0.15	7.2	Α	L	0.18	7.3	Α	L	0.21	1.9	Α		
	Т	1.55	269.8	F	T	1.36	181.6	F	T	1.33	163.6	F		
2nd Avenue & East 53rd Street				-				-				_		
Westbound	LT	1.08	83.8	F	LT	1.12dl	82.5	F	LT	0.96	61.0	E		
Southbound	T	1.53	261.5	F	TR	1.37	186.8	F	T	1.43	213.3	F		
and Avanua & Fact E4th Ctract	R	0.69	20.0	С					R	0.69	12.0	В		
2nd Avenue & East 54th Street Eastbound	TR	0.63	27.9	С	TR	0.61	25.1	С	TR	0.57	31.5	С		
Southbound	L	0.03	8.2	A	L	0.06	8.1	A	L	0.05	1.1	A		
Southbound	T	1.65	311.8	F	T	1.45	225.2	F	T	1.49	237.9	F		
2nd Avenue & East 55th Street		1.00	311.0	'	-	1.43	223.2	'		1.47	231.7	'		
Westbound	L	0.32	18.0	В	L	0.78	24.8	С	L	0.35	27.7	С		
Wookboana	T	0.95	38.3	D	T	1.08	77.2	E	T	1.08	86.4	F		
Southbound	T	1.68	324.6	F	TR	1.68	328.5	F	T	1.49	236.4	F		
	R	0.46	12.1	В					R	0.26	3.5	A		
2nd Avenue & East 56th Street														
Eastbound	T	0.76	31.5	С	T	0.53	11.8	В	Т	0.66	27.3	С		
	R	0.90	47.3	D	R	0.58	15.8	В	R	0.49	24.4	С		
Southbound	L	0.11	2.2	Α	L	0.33	4.5	Α	L	0.11	1.5	Α		
	Τ	1.57	275.8	F	T	1.46	230.4	F	T	1.34	171.2	F		
2nd Avenue & East 57th Street														
Eastbound	T	0.57	54.3	D	TR	1.20	134.8	F	Т	1.24	139.7	F		
	R	1.44	264.2	F					R	0.31	23.5	С		
Westbound	L	1.22	151.8	F										
	LT	1.16	112.5	F	LT	0.79	37.4	D	LT	0.88dl	23.4	С		
Southbound	L	0.52	39.9	D	L	0.22	21.6	С	L	0.60	16.7	В		
	T	1.25	146.3	F	TR	1.45	230.1	F	T	1.09	68.6	E		
and Avenue 9 Feet Foth Charles	R	1.10	111.6	F					R	0.82	26.4	С		
2nd Avenue & East 59th Street		111	00 ¢	Г	,	1 10	00 E	Г	-	1.40	211 4	Г		
Eastbound	L TD	1.14	89.6 271.7	F F	L TD	1.15	98.5	F	L	1.42	211.6 298.7	F F		
Southbound	TR L	0.40 1.08	66.4	E	TR L	0.51 1.09	272.3 63.9	F E	TR L	0.76 1.10	62.6	E		
Southbound	LT	1.08	179.1	F	LT	1.19	103.2	F	LT	1.10	87.7	F		
	LI	1.30	1/7.1	ſ	LI	1.17	103.2	ſ	LI	1.10	07.7	ſ		

		AM Pea	k Hour		N	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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 Stree	t											
Westbound	LT	0.02	14.2	В	LT	0.01	14.2	В	LT	0.02	14.2	В
Southbound	L	0.05	14.6	В					L	0.07	14.9	В
	T	1.07	81.8	F	LTR	1.12	87.3	F	T	1.11	79.7	E
	R	0.14	16.0	В					R	0.12	15.7	В
Westbound (Bridge Exit)	L	1.42	222.7	F	L	1.29	165.2	F	L	1.17	116.1	F
	T	1.27	159.1	F	T	0.70	29.5	С	T	1.02	69.4	Е
Tunnel Exit Street & East 37th	Street											
Westbound	TR	0.18	9.1	Α	TR	0.62	44.5	D	TR	0.51	48.7	D
North-Westbound	L	0.34	0.2	Α	L	0.22	0.1	Α	L	0.24	0.1	Α
	R	0.74	23.7	С	R	0.51	12.1	В	R	0.51	12.1	В
Tunnel Exit Street & East 39th		,										
Westbound	TR	0.91	74.6	E	TR	0.93dr	33.8	С	TR	0.64	28.6	С
Northbound					L	1.12	120.3	F				
	LT	0.37	11.1	В	T	0.13	20.0	В	LT	1.16dl	13.6	В
Tunnel Exit Street & East 40th		1		1								
Eastbound	LT	1.07	104.2	F	LT	0.96	46.4	D	LT	1.31	161.7	F
Northbound	TR	0.27	12.9	В	TR	0.24	7.0	Α	TR	0.24	12.1	В
3rd Avenue & East 36th Street		1		1								
Eastbound	LT	1.19	124.0	F	LT	0.70	22.6	С	LT	1.66	321.8	F
Northbound	TR	0.88	51.8	D	TR	0.99	74.6	E	TR	0.58	20.0	В
	R	1.12	136.7	F	R	0.57	45.9	D	R	1.16	149.7	F
3rd Avenue & East 37th Street		,					,					
Westbound	TR	0.70	18.4	В	TR	0.58	16.5	В	TR	0.57	16.4	В
	R	1.10	133.1	F	R	0.90	82.8	F	R	1.07	124.4	F
Northbound	LT	1.05	65.8	E	LT	1.01	60.8	E	LT	0.61	5.9	Α
3rd Avenue & East 38th Street		,					,					
Eastbound	LT	0.42	32.3	С	LT	0.55	32.5	С	LT	1.06dl	53.3	D
Northbound	T	1.07	65.1	E	T	1.06	71.7	E	T	0.70	12.8	В
	R	0.61	12.9	В	R	0.43	13.0	В	R	0.46	11.6	В
3rd Avenue & East 39th Street		1										
Westbound	Т	1.76	368.4	F	Т	1.54	273.0	F	T	1.27	167.2	F
	R	1.31	182.1	F	R	0.87	44.5	D	R	0.56	33.4	С
Northbound	LT	1.38	192.6	F	LT	1.29	152.8	F	LT	1.16	93.1	F
3rd Avenue & East 40th Street		1										
Eastbound	L	0.76	39.5	D	L	0.96	63.7	E	L	0.83	43.5	D
	T	0.79	94.1	F	T	0.56	36.4	D	T	1.23	152.2	F
Northbound	T	1.29	153.3	F	T	1.24	126.0	F	T	1.27	144.0	F
0.14	R	0.76	101.9	F	R	0.96	39.0	D	R	1.09	78.5	E
3rd Avenue & East 41st Street					<u> </u>	0.00	20.0					
Eastbound		0.01	20.0		L	0.30	29.9	С	1.7	0.24	10.0	7
147 -1	LT	0.21	30.9	С	T	0.29	27.7	С	LT	0.34	10.8	В
Westbound	R	1.07	106.6	F	R	1.12	129.6	F	R	0.88	64.7	E
Northbound	T	1.30	157.6	F	T	1.08	65.3	E	T	1.29	149.9	F
2nd Avenue 0 Foot 40 of C	R	0.41	14.0	В	R	0.44	16.4	В	R	0.43	15.5	В
3rd Avenue & East 42nd Stree		1 1 -	100 4	-		0.00	77.0	-	-	1 10	0/ 0	-
Eastbound	L	1.15	109.4	F	L	0.99	77.2	E	L	1.10	96.9	F
M II. 1	T	1.12	79.4	E	T	1.16	116.5	F	T	1.07	76.6	E
Westbound	T	0.91	42.4	D	T	0.85	34.1	С	T	0.96	38.2	D
Minadali .	R	1.30	174.9	F	R	1.20	128.6	F	R	1.22	136.3	F
Northbound	L	1.34	180.8	F	L	1.05	62.1	E	L	0.96	39.9	D
	T	1.01	70.9	E	T	0.92	48.8	D	T	0.89	51.7	D
and Australia and Total 40 - 100	R	0.52	23.5	С	R	0.86	37.4	D	R	1.12	97.7	F
3rd Avenue & East 43rd Street		10/	140 5		TO	0.07	21.0	0	TO	0.00	10.7	Г.
Westbound	TR	1.26	142.5	F	TR	0.87	21.8	С	TR	0.80	19.7	В
Northbound	LT	1.14	78.1	E	LT	1.09	64.3	E	LT	1.06	66.0	E

		AM Pea	k Hour		M	liddav P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach		v/c	Delay			v/c	Delay			v/c	Delay	
(Signalized Intersections)	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS	Movt.	Ratio	(sec)	LOS
3rd Avenue & East 44th Street												
Eastbound	LT	0.33	27.4	С	LT	0.26	26.8	С	LT	0.30	27.0	С
Northbound	T	1.07	63.7	Е	T	1.08	64.2	E	T	1.20	104.1	F
	R	2.88	865.4	F	R	2.06	498.5	F	R	5.24	1923.9	F
3rd Avenue & East 45th Street	_	0.00	40.0	-	_	0.40	1/0	-	_	0 /1	10.4	-
Westbound	T R	0.98	48.0 151.2	D F	T R	0.49	16.0 39.5	B D	T R	0.61 1.04	13.4 74.1	B E
Northbound	L	1.01	46.5	D	L	0.03	43.3	D	L	0.99	29.8	С
TVOITIBOURIA	T	0.98	63.2	E	T	1.04	68.2	F	T	0.98	56.4	E
3rd Avenue & East 46th Street									,			
Eastbound	L	0.64	45.6	D	L	0.39	30.6	С	L	0.40	42.5	D
	T	0.38	13.0	В	T	0.52	11.7	В	T	0.76	31.6	С
Northbound	T	1.12	75.8	E	T	1.18	103.0	F	T	1.23	119.6	F
	R	0.68	23.2	С	R	1.31	164.6	F	R	0.96	36.8	D
3rd Avenue & East 47th Street	-	101	100.0	-	_		00.7	-	-	1 4 00	04.0	-
Westbound	T R	1.34 0.58	180.9 18.3	F B	T R	1.14 0.72	92.7 22.6	F C	T R	1.09 0.71	81.3 27.9	F C
Northbound	L	1.25	139.9	F	L	1.61	297.5	F	L	1.46	231.5	F
Northbound	T	1.05	65.3	E	T	0.96	63.2	E	T	0.94	68.3	E
3rd Avenue & East 48th Street		1.00	55.5		<u> </u>	3.70	JU.2	_		5.77	50.0	
Eastbound	L	0.29	19.9	В	L	0.27	22.0	С	L	0.30	22.2	С
	T	0.57	25.1	С	Т	0.41	24.3	С	T	0.53	24.1	С
Northbound	T	1.06	65.8	E	Т	1.18	107.3	F	T	1.18	107.6	F
	R	0.84	26.4	С	R	0.99	71.3	Ε	R	1.13	116.1	F
3rd Avenue & East 49th Street						1				1		
Westbound	T	1.08	86.1	F	Т	0.49	17.2	В	T	0.63	23.7	C
Mandala	R	0.56	42.5	D	R	0.44	39.8	D	R	0.61	51.1	D
Northbound	L T	0.63 1.00	21.0	C E	L T	0.72	19.7	B E	L T	0.60	17.6	B E
3rd Avenue & East 50th Street	ı	1.00	65.5	E		1.01	68.9	E	- 1	1.06	70.4	
Eastbound	L	0.29	12.6	В	L	0.43	7.5	A	L	0.84	23.7	С
Edstbodild	T	0.50	13.5	В	T	0.51	8.3	A	T	0.83	21.8	C
Northbound	T	1.18	107.5	F	Т	1.20	114.6	F	T	1.17	97.4	F
	R	1.10	97.3	F	R	1.09	101.1	F	R	0.66	22.2	С
3rd Avenue & East 51st Street												
Westbound	T	0.78	24.2	С	T	0.81	25.2	С	T	1.14	110.4	F
	R	0.39	17.0	В	R	0.40	17.5	В	R	0.71	31.8	С
Northbound	L	4.58	1625.7	F	L	3.20	1010.4	F	L	5.02	1825.2	F
3rd Avenue & East 52nd Stree	T	1.00	64.1	Е	Т	0.94	68.9	E	T	0.91	72.4	E
Eastbound	LT	0.78	26.3	С	LT	0.85	22.5	С	LT	0.96	55.2	E
Northbound	T	1.18	105.0	F	T	1.14	86.6	F	T	1.19	107.5	F
Northbound	R	1.17	122.5	F	R	1.18	138.0	F	R	1.17	152.8	F
3rd Avenue & East 53rd Street												
Westbound	T	1.16	111.8	F	T	0.62	11.5	В	T	1.07	70.4	Е
	R	1.03	119.6	F	R	0.75	32.5	С	R	0.83	107.9	F
Northbound	LT	1.15	91.9	F	LT	1.12	84.5	F	LT	1.21	123.3	F
3rd Avenue & East 54th Street						F .	F			F .		
Eastbound	L	1.00	85.3	F	L	1.27	160.0	F	L	1.07	111.4	F
Morthborne	T	0.58	21.4	C F	T	0.69	20.8	С	T	0.76	42.7	D F
Northbound	T R	1.11 0.79	82.2 35.2	D	T R	1.09 0.73	76.3 32.4	E C	T R	1.15 0.87	97.4 38.6	D D
3rd Avenue & East 55th Street	ı\	0.77	JJ.Z	U	- N	0.73	JZ.4	U	۱۱	0.07	50.0	U
Westbound	Т	1.10	87.2	F	Т	0.91	27.1	С	Т	1.23	141.8	F
	R	1.01	79.3	E	R	1.09	73.0	E	R	1.15	126.4	F
Northbound	L	0.78	19.3	В	L	0.77	19.6	В	L	0.73	18.2	В
	T	1.07	68.1	Е	T	1.07	68.2	Ε	T	1.12	74.0	Ε

		AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
(Signalized intersections)	WOVI.	Ratio	(sec)	LUS	WOVI.	Ratio	(sec)	LUS	WOVI.	Ratio	(sec)	LUS
3rd Avenue & East 56th Street												
Eastbound (West Side)	LT	0.87	51.7	D	LT	0.98	106.6	F	LT	1.16	111.0	F
Northbound (West Side)	Т	1.22	121.5	F	T	1.18	103.9	F	T	1.36	185.5	F
Eastbound (East Side)	LT	0.98	43.4	D	LT	0.91	23.6	С	LT	0.67	4.1	Α
Northbound (East Side)	TR	0.56	14.2	В	TR	1.08	73.8	E	TR	1.21	115.8	F
3rd Avenue & East 57th Street			4440	-		1.00	100.0	-		4.07	000.7	-
Eastbound (West Side)	LT	1.11	114.2	F	LT	1.09	108.9	F	LT	1.37	208.7	F
Westbound (West Side)	TR LT	0.97	27.6	C E	TR LT	0.89	30.1	C F	TR	0.83	23.7 133.5	C F
Northbound (West Side) Eastbound (East Side)	T	1.07 0.67	64.3 12.5	В	T	1.24	128.2 133.1	F	LT T	1.25	95.7	F
Westbound (East Side)	T	0.07	64.0	E	T	0.77	31.1	С	T	0.86	55.6	E
Westbourid (Last Side)	R	0.77	20.4	С	R	0.77	25.9	С	R	0.75	54.7	D
Northbound (East Side)	TR	0.83	42.2	D	TR	1.08	68.9	E	TR	1.17	98.4	F
rtortiibuana (East olae)	R	0.33	26.4	С	R	1.12	90.8	F	R	1.16	97.1	F
3rd Avenue & East 59th Street				_								-
Eastbound	LT	0.98	53.5	D	LT	1.07	87.4	F	LT	0.77	29.7	С
Northbound	T	0.75	9.6	Α	T	0.68	8.4	Α	T	0.59	5.8	Α
	R	1.18	121.0	F	R	1.05	74.3	Е	R	1.56	282.3	F
Lexington Avenue & East 36th	Street											
Eastbound	TR	0.68	55.9	E	TR	0.74	48.0	D	TR	1.32	193.1	F
Southbound	LT	1.12	72.7	E	LT	1.08	57.3	E	LT	1.14	83.3	F
Lexington Avenue & East 38th	Street											
Eastbound	T	0.55	38.0	D	T	0.75	47.1	D	T	0.98	87.0	F
	R	1.01	116.6	F	R	1.14	151.0	F	R	1.60	319.2	F
Southbound	L	0.15	1.2	Α	L	0.18	2.0	Α	L	0.14	1.0	Α
	T	1.13	68.3	E	T	0.91	18.8	В	T	0.57	1.7	Α
Lexington Avenue & East 39th		4.00	100.0	-			00.4	-		0.04	20.0	
Westbound	L	1.20	130.8	F	L	1.11	99.1	F	L	0.84	39.2	D
Southbound	T	1.98	458.6	F E	T T	1.65	313.1	F E	T TR	1.51	255.1 61.5	F E
Southbound	T R	1.13	77.1 54.5	D	R	1.08 0.91	63.5 26.0	C	IK	1.08	01.5	E.
Lexington Avenue & East 40th		1.02	34.3	D	П	0.91	20.0	C				
Eastbound	T	1.46	233.9	F	Т	1.00	39.7	D	Т	1.07	77.0	Е
Lastbourid	R	1.10	91.2	F	R	0.54	37.8	D	R	1.26	160.0	F
Southbound	L	0.41	10.2	В	L	0.38	10.0	A	L	0.46	5.1	A
	Т	1.12	75.3	Е	Т	1.04	63.1	Е	Т	0.83	17.5	В
Lexington Avenue & East 42nd	Street											
Eastbound	T	0.96	38.3	D	T	1.08	71.3	E	T	1.20	121.5	F
	R	0.31	12.2	В	R	0.91	43.3	D	R	0.28	24.3	С
Westbound	LT	1.10	71.6	E	LT	0.96	52.7	D	LT	1.66	328.0	F
Southbound	L	0.70	20.9	С	L	0.50	22.7	С	L	1.12	91.1	F
	T	1.15	91.2	F	T	0.93	72.4	E	T	1.05	71.4	Е
	R	1.29	158.9	F	R	0.71	27.2	С	R	1.33	181.1	F
Lexington Avenue & East 44th												
Southbound	LT	1.22	117.8	F	LT	1.19	103.4	F	LT	1.23	124.6	F
Lexington Avenue & East 45th												
Westbound	<u>L</u>	0.70	32.1	С	1.7	0.00	45.0	_	1.7	1.00	70.0	_
Ca466	T	0.76	30.9	С	LT	0.82	45.0	D	LT	1.02	72.3	E
Southbound	T R	1.08	66.8	E	T	1.07	66.0	E	T	1.09	62.9	E
Lexington Avenue & East 46th		0.89	39.3	D	R	0.17	8.2	Α	R	0.42	11.4	В
Eastbound	T	0.73	58.6	E	Т	0.99	66.2	E	Т	1.33	178.5	F
Laswounu	R	0.73	60.4	E	R	0.99	45.2	D	R	0.30	27.9	С
Southbound	L	0.33	4.5	A	L	0.22	3.6	A	L	0.39	4.4	A
22230414	T	1.02	55.9	E	T	1.02	55.6	E	T	1.05	57.1	E
			55.7		<u> </u>	02	55.0		<u> </u>		01	_

	I	AM Pea	k Hour		N	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	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	n Street											
Westbound	L	0.85	40.6	D	L	1.20	132.0	F	L	1.18	128.3	F
	T	0.95	25.3	С	T	1.45	226.3	F	T	1.41	215.2	F
Southbound		1.08	65.1	E	Т	1.07	71.0	E	T	1.18	102.1	F
	R	1.38	195.6	F	R	1.72	361.2	F	R	1.24	147.8	F
Lexington Avenue & East 48th		0.70	20.7	Г.	_	1 10	110 /	_	т.	1.00	0/ 1	
Eastbound	T R	0.79 1.06	39.6 117.8	D F	T R	1.13	113.4 145.3	F F	T R	1.09	96.1 152.4	F F
Southbound	L	0.92	27.1	С	L	0.52	11.0	В	L	0.87	23.5	С
Southbourid	T	1.00	60.1	E	T	0.90	55.7	E	T	0.95	62.2	E
Lexington Avenue & East 49th		1.00	00.1	_	·	0.70	00.7	_		0.70	OZ.Z	_
Westbound	L	0.59	37.6	D								
	Т	0.48	31.1	С	LT	0.57	30.4	С	LT	0.71	39.3	D
Southbound	Т	1.08	61.4	Е	Т	1.12	76.2	Ε	Т	1.04	69.8	Е
	R	0.84	23.9	С	R	0.37	15.0	В	R	0.42	15.7	В
Lexington Avenue & East 50th	Street											
Eastbound		1.06	77.2	Е	TR	0.44	29.2	С	TR	0.38	25.8	С
Southbound	L	3.00	918.3	F	L	1.08	65.1	Е	L	2.58	736.1	F
	T	1.07	62.8	E	T	0.92	46.7	D	T	1.01	61.2	E
Lexington Avenue & East 51s		0.77	10.0		<u> </u>	4.07	00.7	-		101	70.5	-
Westbound	L T	0.66	40.2	D C	L	1.07	83.7	F D	L	1.04	73.5	E D
Southbound		0.53	20.7	E	T T	0.93	38.3 106.3	F	T T	1.01 0.99	51.7 53.4	D
Southbound	R	0.65	14.5	В	R	1.10	153.2	F	R	0.59	16.0	В
Lexington Avenue & East 52n		0.03	14.5	ь	IX	1.20	100.2	'	IX	0.57	10.0	D
Eastbound	r	0.59	21.0	С	Т	0.99	61.5	Е	Т	0.65	27.9	С
Lasibouna	R	0.80	55.4	E	R	0.96	80.5	F	R	0.97	80.7	F
Southbound	L	0.78	20.6	С	L	0.71	17.0	В	L	0.82	45.2	D
	T	1.10	64.0	Е	Т	0.82	55.0	Е	T	0.96	46.1	D
Lexington Avenue & East 53rd	Street											
Westbound	L	0.56	16.1	В	L	0.07	21.0	С	L	0.19	16.6	В
	T	1.21	120.2	F	T	0.87	40.4	D	T	0.96	45.2	D
Southbound		1.31	163.8	F	Т	1.10	66.5	Е	T	0.85	17.5	В
	R	0.96	104.9	F	R	0.80	109.3	F	R	0.52	22.3	С
Lexington Avenue & East 54th		1.04	FF /	-	TD	1.07	70 (_	TD	0.00	25.1	_
Eastbound	T R	1.04 0.49	55.6	E	TR	1.07	73.6	E	TR	0.93	35.1	D
Southbound		0.49	7.0	B A	L	1.07	61.2	E	L	0.37	7.5	А
Southbound	T	0.37	57.7	E	T	0.94	43.1	D	T	0.97	29.3	C
Lexington Avenue & East 55th		0.77	07.7	_	<u> </u>	0.71	10.1			0.77	27.0	Ü
Westbound		0.81	42.9	D	L	1.05	100.0	F	L	0.97	70.0	Е
	Т	0.64	17.4	В	Т	0.88	46.0	D	T	0.91	37.5	D
Southbound	T	1.23	123.4	F	T	1.09	63.5	E	T	0.93	29.9	С
	R	0.35	12.3	В	R	0.63	16.5	В	R	0.56	12.4	В
Lexington Avenue & East 56th												
Eastbound		0.56	16.0	В	T	0.66	17.1	В	T	0.83	19.2	В
0 111	R	0.77	57.7	E	R	1.09	84.6	F	R	0.93	45.6	D
Southbound		1.24	137.2	F	LT	1.07	77.1	Е	LT	1.06	74.4	E
Lexington Avenue & East 57th Eastbound		0.93	28.7	С	Т	0.86	24.9	С	Т	1.43	223.1	F
Easibound	R	0.93	90.5	F	R	0.86	24.9	C	R	0.61	35.5	D
Westbound		0.04	53.3	D	LT	0.07	51.2	D	LT	1.56dl	96.0	F
Southbound		1.20	123.8	F	LT	1.01	88.6	F	LT	1.05	85.9	F
S S a a	R	0.23	16.6	В	R	0.38	21.7	С	R	0.37	20.6	С
Park Avenue & East 36th Stre		0			- 							
Eastbound (West Side)		0.61	25.5	С	TR	0.64	26.4	С	TR	1.03	83.9	F
Southbound (West Side)	LT	0.79	13.4	В	LT	0.77	9.3	Α	LT	0.81	11.7	В
Eastbound (East Side)		0.56	9.7	Α	LT	0.54	9.0	Α	LT	0.70	29.9	С
Northbound (East Side)	TR	0.50	16.5	В	TR	0.65	19.7	В	TR	0.60	18.2	В

Color Park Avenue & East 38th Street Seath Work Mark Seath Color Seath Avenue & East 38th Street Seath Avenue & East 38th St			AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour			
Eastbound (West Side) TR	Intersection & Approach (Signalized Intersections)	Movt.		,	LOS	Movt.		,	LOS	Movt.		,	LOS
Southbound (West Side)	Park Avenue & East 38th Stree	et											
Eastbound (East Side)	Eastbound (West Side)	TR	0.64	26.0	С	TR	0.65	26.2	С	TR	1.05	78.8	Ε
T	Southbound (West Side)	LT	0.94	26.5	С	LT	0.73	9.8	Α	LT	0.74	6.2	Α
Northbound (East Side)	Eastbound (East Side)	L	0.35	9.1	Α	L	0.25	8.3	Α	L	0.23	8.1	Α
Park Avenue & East 39th Street		T	0.37	7.3	Α	T	0.43	7.8	Α	T	0.51	10.8	В
Westbound (East Side)	Northbound (East Side)	TR	0.74	12.3	В	TR	0.77	20.4	С	TR	1.01	74.0	Ε
Northbound (East Side)	Park Avenue & East 39th Stree	et											
Westbound (West Side)	Westbound (East Side)	TR	1.71	342.6	F	TR	1.45	228.8	F	TR	1.42	214.7	F
Southbound (West Side)	Northbound (East Side)	LT	0.62	74.1	Ε	LT	0.53	28.3	С	LT	0.87	73.7	Ε
R	Westbound (West Side)	LT	1.58	286.2	F	LT	1.16	101.8	F	LT	1.24	131.5	F
Park Avenue & East 40th Street	Southbound (West Side)	T	0.71	71.2	Ε	T	0.62	70.2	Ε	T	0.87	70.5	Ε
Eastbound (West Side)		R	1.17	109.5	F	R	0.53	19.6	В	R	1.30	163.2	F
Southbound (West Side)	Park Avenue & East 40th Stree	et											
Eastbound (Tunnel Exit)	Eastbound (West Side)	TR	1.45	247.0	F	TR	1.57	298.6	F	TR	1.70	351.5	F
Northbound (Tunnel Exit)	Southbound (West Side)	Т	3.14	986.1	F	T	3.14	988.0	F	T	3.43	1117.7	F
Eastbound (East Side)	Eastbound (Tunnel Exit)	LT	1.43	217.3	F	LT	1.36	184.8	F	LT	1.65	314.7	F
Northbound (East Side)	Northbound (Tunnel Exit)	T	0.83	16.4	В	T	0.72	17.1	В	T	0.87	20.9	С
Park Avenue & East 46th Street	Eastbound (East Side)	Т	1.40	203.9	F	T	1.25	133.9	F	T	1.53	257.4	F
Eastbound (West Side)	Northbound (East Side)	R	1.40	215.3	F	R	1.22	145.2	F	R	1.89	434.1	F
R	Park Avenue & East 46th Stree	et											
Southbound (West Side)	Eastbound (West Side)	Т	0.40	26.7	С	T	0.93	51.4	D	T	1.25	138.0	F
T 1.10 73.0 E T 1.13 77.5 E T 1.22 117.9 F	, , ,	R	0.30	27.7	С	R	0.33	28.5	С	R	0.40	21.3	С
Eastbound (East Side)	Southbound (West Side)	L	0.47	28.5	С	L	0.32	15.9	В	L	0.77	76.7	Ε
T 0.86 31.6 C T 1.26 147.7 F T 1.34 172.2 F	, , ,	Т	1.10	73.0	Е	Т	1.13	77.5	Е	Т	1.22	117.9	F
T 0.86 31.6 C T 1.26 147.7 F T 1.34 172.2 F	Eastbound (East Side)	L	0.62	26.7	С	L	0.93	50.2	D	L	0.96	24.2	С
Park Avenue & East 47th Street Westbound (East Side) T 1.09 70.3 E T 1.59 293.7 F T 1.22 121.0 F Northbound (East Side) L 0.14 261.5 F L 0.17 95.3 F L 0.28 100.9 F Westbound (West Side) LT 1.19 107.2 F LT 1.62 299.7 F LT 1.07 66.8 E Westbound (West Side) LT 1.19 107.2 F LT 1.62 299.7 F LT 1.23 124.7 F Southbound (West Side) T 0.89 55.8 E T 1.05 61.6 E T 1.09 70.1 E Bastbound (West Side) T 0.61 22.4 C T 0.59 20.9 C T 0.63 35.8 D Southbound (West Side) L 0.61 22.4 <td< td=""><td>, ,</td><td>Т</td><td>0.86</td><td>31.6</td><td>С</td><td>Т</td><td>1.26</td><td>147.7</td><td>F</td><td>Т</td><td>1.34</td><td>172.2</td><td>F</td></td<>	, ,	Т	0.86	31.6	С	Т	1.26	147.7	F	Т	1.34	172.2	F
Westbound (East Side)	Northbound (East Side)	Т	0.82	28.2	С	Т	0.85	35.0	С	Т	0.90	69.2	Ε
R 0.51 16.4 B R 0.92 40.6 D R 0.79 18.1 B	Park Avenue & East 47th Stree	et											
Northbound (East Side)	Westbound (East Side)	Т	1.09	70.3	Е	Т	1.59	293.7	F	Т	1.22	121.0	F
T 0.91 61.9 E T 1.01 66.6 E T 1.07 66.8 E	, , ,	R	0.51	16.4	В	R	0.92	40.6	D	R	0.79	18.1	В
Westbound (West Side)	Northbound (East Side)	L	0.14	261.5	F	L	0.17	95.3	F	L	0.28	100.9	F
Southbound (West Side)	, , ,	Т	0.91	61.9	Е	Т	1.01	66.6	Е	Т	1.07	66.8	Е
Southbound (West Side)	Westbound (West Side)											_	
R 2.07 500.3 F R 0.61 8.8 A R 0.96 37.3 D			0.89			Т		61.6	Ε			70.1	
Park Avenue & East 48th Street Eastbound (West Side) T 0.61 22.4 C T 0.59 20.9 C T 0.63 35.8 D R 0.27 15.3 B R 0.28 18.9 B R 0.45 32.7 C C Southbound (West Side) L 0.43 119.5 F L 0.26 144.0 F L 0.22 78.3 E Eastbound (East Side) LT 0.87 36.6 D LT 0.91 35.2 D LT 0.96 44.3 D Northbound (East Side) T 1.29 154.2 F T 1.21 115.9 F T 1.40 202.4 F R 0.74 28.6 C R 0.78 21.5 C R 0.66 16.0 B Eastbound (East Side) T 1.08 85.8 F T 0.85 27.5 C T 0.99 70.9 E R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F			2.07	500.3		R	0.61	8.8	Α	R	0.96	37.3	
Eastbound (West Side) R 0.27 15.3 B R 0.28 18.9 B R 0.45 32.7 C Southbound (West Side) L 0.43 119.5 F L 0.26 144.0 F L 0.22 78.3 E Eastbound (East Side) L 0.87 36.6 D LT 0.91 35.2 D LT 0.96 44.3 D Northbound (East Side) R 0.74 28.6 C R 0.78 21.5 C R 0.66 16.0 B Park Avenue & East 49th Street Westbound (East Side) R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F Westbound (West Side) L 0.31 19.5 F T 1.03 58.6 E T 1.00 59.9 E Westbound (West Side) T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) L 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	Park Avenue & East 48th Stree				•			•			•		
R 0.27 15.3 B R 0.28 18.9 B R 0.45 32.7 C			0.61	22.4	С	T	0.59	20.9	С	T	0.63	35.8	D
T 1.20 105.2 F T 1.15 86.9 F T 1.05 58.8 E Eastbound (East Side) LT 0.87 36.6 D LT 0.91 35.2 D LT 0.96 44.3 D Northbound (East Side) T 1.29 154.2 F T 1.21 115.9 F T 1.40 202.4 F R 0.74 28.6 C R 0.78 21.5 C R 0.66 16.0 B Park Avenue & East 49th Street Westbound (East Side) T 1.08 85.8 F T 0.85 27.5 C T 0.99 70.9 E R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F						R			В	R			С
T 1.20 105.2 F T 1.15 86.9 F T 1.05 58.8 E Eastbound (East Side) LT 0.87 36.6 D LT 0.91 35.2 D LT 0.96 44.3 D Northbound (East Side) T 1.29 154.2 F T 1.21 115.9 F T 1.40 202.4 F R 0.74 28.6 C R 0.78 21.5 C R 0.66 16.0 B Park Avenue & East 49th Street Westbound (East Side) T 1.08 85.8 F T 0.85 27.5 C T 0.99 70.9 E R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	Southbound (West Side)	L	0.43	119.5	F	L	0.26	144.0	F	L	0.22	78.3	Ε
Northbound (East Side)									F				
Northbound (East Side)	Eastbound (East Side)	LT	0.87	36.6	D	LT	0.91	35.2	D	LT	0.96	44.3	D
R 0.74 28.6 C R 0.78 21.5 C R 0.66 16.0 B													
Park Avenue & East 49th Street Westbound (East Side) T 1.08 85.8 F T 0.85 27.5 C T 0.99 70.9 E R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	, , , , ,												
Westbound (East Side) T 1.08 85.8 F T 0.85 27.5 C T 0.99 70.9 E R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	Park Avenue & East 49th Stree				•			•			•		
R 0.65 30.7 C R 0.40 10.4 B R 0.55 12.8 B			1.08	85.8	F	T	0.85	27.5	С	T	0.99	70.9	Ε
Northbound (East Side) L 0.21 15.1 B L 0.21 15.6 B L 0.19 110.0 F T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F		R	0.65		С	R			В	R	0.55		В
T 1.00 58.9 E T 1.03 58.6 E T 1.10 60.7 E Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	Northbound (East Side)												
Westbound (West Side) LT 1.18 100.2 F LT 0.92 26.6 C LT 1.06 59.9 E Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	, , , ,												
Southbound (West Side) T 1.34 177.3 F T 1.34 174.5 F T 1.35 180.3 F	Westbound (West Side)												
` '													
	(R			Α	R	0.25	7.4		R	0.31		Α

		AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
Park Avenue & East 50th Stree	et											
Eastbound (West Side)	T	0.73	19.4	В	T	0.84	19.8	В	T	0.91	42.6	D
	R	0.32	13.0	В	R	0.75	18.1	В	R	0.65	28.2	С
Southbound (West Side)	L	0.17	83.7	F	L	0.23	13.7	В	L	0.20	16.4	В
	T	0.98	57.2	E	T	1.09	63.2	E	T	1.10	64.0	E
Eastbound (East Side)	LT	0.96	41.3	D	LT	1.09	81.2	F	LT	1.20	127.1	F
Northbound (East Side)	T R	1.34 0.39	171.7 7.9	F A	T R	1.19 0.34	106.4 9.2	F A	T R	1.24 0.42	125.6 12.5	F B
Park Avenue & East 51st Stree		0.39	7.9	А	K	0.34	9.2	А	K	0.42	12.5	D
Westbound (East Side)	T	0.70	25.4	С	Т	1.16	113.9	F	Т	0.72	28.7	С
Westbouria (East Side)	R	0.68	45.1	D	R	0.71	34.9	C	R	0.58	28.0	С
Northbound (East Side)	L	0.14	32.5	С	L	0.21	33.2	С	L	0.17	15.6	В
, , ,	T	0.95	59.9	Е	T	1.05	60.9	Е	T	1.10	62.6	Е
Westbound (West Side)	LT	0.87	28.8	С	LT	1.09	69.2	Е	LT	0.86	28.1	С
Southbound (West Side)	T	1.26	134.2	F	T	1.35	176.1	F	T	1.14	82.9	F
	R	1.32	169.3	F	R	0.77	14.7	В	R	1.05	57.9	Е
Park Avenue & East 52nd Stre				1								
Eastbound (West Side)	TR	0.81	26.4	С	TR	1.01	61.4	E	TR	0.80	26.2	С
Southbound (West Side)	L	0.17	155.2	F	L	0.24	178.3	F	L	0.18	87.3	F
Footbassed /Foot Cide)	T	1.18	98.7	F	T	1.02	60.9	E	T	1.06	59.6	E
Eastbound (East Side) Northbound (East Side)	LT T	0.86 1.27	25.6	C F	LT T	0.96	36.6 124.2	D F	LT T	1.10 1.48	82.3 236.6	F F
NOITHDOUTH (East Side)	R	0.43	142.3 9.2	A	R	1.24 0.46	7.4	A	R	0.33	9.0	A
Park Avenue & East 53rd Stree		0.43	7.2	Λ	IX	0.40	7.4	Λ	IX	0.55	7.0	Λ
Westbound (East Side)	T	1.21	120.8	F	Т	0.76	41.3	D	Т	0.87	53.4	D
,	R	1.09	80.9	F	R	0.64	39.2	D	R	0.53	34.2	С
Northbound (East Side)	L	0.18	16.7	В	L	0.20	18.3	В	L	0.16	19.1	В
	T	0.94	61.1	E	T	1.06	62.0	E	T	1.14	81.3	F
Westbound (West Side)	LT	1.14	78.1	E	LT	1.11	85.7	F	LT	1.05	59.6	Е
Southbound (West Side)	T	1.40	198.3	F	T	1.23	124.7	F	Т	1.26	137.2	F
	R	0.74	14.7	В	R	0.71	18.6	В	R	0.43	9.4	Α
Park Avenue & East 54th Stree		0.04	05.4	-		0.40	40.5	-	TD	0.04	05.0	_
Eastbound (West Side)	TR	0.94	35.4	D B	TR	0.62	18.5	B B	TR	0.84	25.0	C B
Southbound (West Side)	L T	0.31	13.3 97.5	F	L T	1.02	10.9 59.2	E	L T	0.15 1.02	12.1 59.4	E
Eastbound (East Side)	L	0.33	10.1	В	L	0.34	10.5	В	'	1.02	37.4	
Eusibounu (Eusi Sluc)	T	1.02	50.0	D	T	0.65	16.5	В	LT	0.92	21.1	С
Northbound (East Side)	T	1.29	151.7	F	T	1.14	84.2	F	T	1.34	173.3	F
	R	0.65	16.9	В	R	0.69	11.2	В	R	0.38	10.7	В
Park Avenue & East 55th Stree	et											
Westbound (East Side)	TR	0.97	73.5	Е	TR	1.12	110.4	F	TR	1.26	166.3	F
Northbound (East Side)	L	0.21	685.3	F	L	0.29	140.3	F	L	0.15	158.2	F
	T	1.07	62.4	E	T	1.12	70.6	E	T	1.14	82.0	F
Westbound (West Side)	LT	0.92	29.9	С	LT	1.06	71.4	E	LT	1.18	102.2	F
Southbound (West Side)	T	1.51	248.7	F	T	1.38	187.7	F	T	1.51	249.5	F
Dark Avanua & Fact E4th Ct	R	0.55	14.0	В	R	0.68	11.2	В	R	0.58	9.9	Α
Park Avenue & East 56th Stree Eastbound (West Side)	TR	0.72	30.8	С	TR	1.36	191.8	F	TR	1.34	175.9	F
Southbound (West Side)	L	0.72	155.4	F	L	0.18	145.9	F	L	0.17	16.9	В
oodiibodiid (West Sluc)	T	1.06	66.4	E	T	1.02	65.8	E	T	1.05	71.9	E
Eastbound (East Side)	LT	0.65	15.0	В	LT	1.16	92.8	F	LT	1.15	87.3	F
Northbound (East Side)	Т	1.30	151.9	F	Т	1.19	105.2	F	Т	1.31	160.9	F
	R	0.50	7.0	Α	R	0.75	15.3	В	R	1.24	135.0	F

Internation O Assessed		AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour				
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	
(Signalized intersections)	WOVI.	Ratio	(sec)	LU3	WOVI.	Ratio	(sec)	LU3	WOVI.	Ratio	(sec)	LU3	
Park Avenue & East 57th Stree	et												
Eastbound (West Side)	T	0.75	33.5	С	T	1.20	127.3	F	T	1.38	201.0	F	
	R	0.62	31.6	С	R	1.08	96.4	F	R	0.43	29.2	С	
Westbound (West Side)	Т	1.07	61.5	E	T	1.19	104.3	F	T	0.76	13.4	В	
Southbound (West Side)	LTR	0.91	78.7	E	LTR	0.97	88.1	F	LTR	0.77	72.5	E	
Eastbound (East Side)	LT	1.17	109.7	F	LT	1.22	117.4	F	LT	1.04	33.3	С	
Westbound (East Side)	T	0.76	44.0	D	T	1.17	129.1	F	T	0.52	30.4	С	
	R	0.61	40.9	D	R	1.03	97.7	F	R	0.25	26.1	С	
Northbound (East Side)	L	0.18	686.2	F	L	0.29	685.8	F	L	0.17	10.3	В	
	T	0.97	60.4	E	T	1.04	60.9	E	T	1.13	76.1	E	
	R	0.26	11.6	В	R	0.69	15.5	В	R	0.40	10.1	В	
Madison Avenue & East 39th		4.07	447.0	-	_	4.40	045.0	-	_	4.50	057.0	-	
Westbound	T	1.27	147.2	F	T	1.42	215.9	F	T	1.53	257.9	F	
Altanii i	R	1.33	187.4	F	R	1.48	249.2	F	R	1.25	144.7	F	
Northbound	LT	1.12	95.8	F	LT	1.00	88.0	F	LT	1.02	86.0	F	
Madison Avenue & East 40th		1.04	75.7	г	,	0.00	40 F	_	,	1 21	177 0	г	
Eastbound	L	1.04	75.7	E	L	0.82	69.5	E	L	1.31	177.0	F	
Northhound	T	1.04	51.2	D	T	0.78	24.7	C F	T	0.93	22.6	С	
Northbound	T R	1.63	306.4	F	T	1.51	251.4		T R	1.47	230.8	F F	
Madison Avenue & East 41st S		0.46	9.1	Α	R	0.46	8.9	Α	K	1.11	81.6	r	
		0.79	50.0	D	LT	0.92	58.7	Е	LT	0.45	48.5	D	
Eastbound Northbound	LT T	1.61	293.3	D F	T	1.62	303.3	F	T	0.65 1.64	308.7	D F	
NOLLIBOULIU	R	0.74	13.8	В	R	0.58	13.0	В	R	0.96	37.9	D D	
Madison Avenue & East 42nd		0.74	13.0	D	K	0.50	13.0	D	K	0.70	31.7	D	
Eastbound	LT	1.58	288.4	F	LT	1.18	108.5	F	LT	1.21	119.4	F	
Westbound	T	1.53	264.2	F	T	1.24	143.6	F	T	1.27	157.3	F	
Westboard	R	0.31	23.1	С	R	0.23	25.2	С	R	0.18	28.8	C	
Northbound	LT	1.24	125.7	F	LT	1.21	114.3	F	LT	1.23	123.6	F	
	R	0.55	16.8	В	R	0.74	94.5	F	R	0.43	13.7	В	
Madison Avenue & East 43rd	Street												
Westbound	T	0.85	43.7	D	T	1.31	189.6	F	T	0.58	29.9	С	
	R	1.21	165.4	F	R	1.81	410.6	F	R	0.92	90.8	F	
Northbound	L	1.46	235.6	F	L	1.18	118.2	F	L	1.74	354.3	F	
	Т	1.07	62.3	E	T	1.13	79.1	Ε	T	1.22	119.0	F	
Madison Avenue & East 46th S	Street												
Eastbound	LT	1.02	82.2	F	LT	0.93	96.9	F	LT	1.12	92.4	F	
Northbound	T	1.01	59.1	E	T	1.20	109.7	F	T	1.15	85.2	F	
	R	1.39	237.9	F	R	0.89	77.7	Ε	R	1.38	321.8	F	
Madison Avenue & East 48th													
Eastbound	L	1.10	114.4	F	L	0.96	80.1	F	L	0.74	26.4	С	
	T	0.75	27.1	С	T	0.69	23.6	C	T	0.87	14.5	В	
Northbound	T	1.12	77.0	E	T	1.00	62.3	E	T	1.20	108.6	F	
	R	0.60	20.8	С	R	0.72	22.9	С	R	0.78	32.2	С	
Madison Avenue & East 49th		0.11	0.5		TO	1.07	74.4	_	TO		00.4	_	
Westbound	TR	0.61	9.5	A	TR	1.07	71.1	E	TR	1.14	99.1	F	
Northbound	L	0.54	12.0	В	L	0.29	10.7	В	L	0.23	11.8	В	
Madison Avanus & Esst 52-14	T	1.09	59.7	E	T	1.04	64.6	E	T	1.09	61.1	E	
Madison Avenue & East 53rd		1 1 7	10/ 2	г	TD	0.05	41.4	Г	TD	0.05	E 4 7	г	
Westbound	TR	1.17	106.3	F	TR	0.85	41.4	D	TR	0.95	56.7	E	
Northbound	L T	0.53	11.8	B E	L T	0.18	9.8	A E	L T	0.58	13.0	B E	
	ı	1.02	55.7	E.	ı	0.98	65.8	E	ı	1.12	73.3	E	

		AM Pea	k Hour		M	lidday P	eak Hou	r		PM Pea	k Hour	
Intersection & Approach (Signalized Intersections)	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS	Movt.	v/c	Delay	LOS
. 0		Ratio	(sec)	LOS	wovt.	Ratio	(sec)	L03	wovt.	Ratio	(sec)	L03
Madison Avenue & East 54th S		T	1			T						
Eastbound	LT	0.59	31.0	С	LT	1.16	113.3	F	LT	0.74	31.8	C
Northbound	T	1.04	63.2	E	T	1.15	89.6	F	T	1.02	58.7	E
Eth Augnus 9 20th Ctroot	R	1.08	70.1	E	R	0.93	42.6	D	R	0.73	18.2	В
5th Avenue & 38th Street Eastbound	T	0.44	18.2	В	Т	0.58	22.7	С	Т	0.52	19.3	В
Edstbouliu	R	1.05	124.7	F	R	1.06	121.5	F	R	1.04	120.8	F
Southbound	LT	1.40	192.8	F	LT	1.37	182.8	F	LT	1.26	132.0	F
5th Avenue & 39th Street	LI	1.40	172.0	'		1.57	102.0	'		1.20	132.0	
Westbound	L	1.15	118.9	F	L	0.93	60.8	Е	L	0.89	60.6	Е
	T	0.67	29.6	С	T	1.38	204.0	F	T	0.90	40.9	D
Southbound	T	1.31	170.3	F	T	1.14	93.0	F	T	1.28	146.9	F
	R	1.34	182.3	F	R	1.06	63.4	Е	R	1.15	92.2	F
5th Avenue & 40th Street		•				•						
Eastbound	TR	1.60	306.9	F	TR	1.34	199.5	F	TR	1.28	170.0	F
Southbound	LT	1.62	303.9	F	LT	1.20	111.0	F	LT	1.63	303.9	F
5th Avenue & 42nd Street												
Eastbound	T	1.14	105.8	F	Т	0.72	28.3	С	T	0.69	27.4	С
	R	0.21	23.8	С	R	0.17	21.9	С	R	0.15	21.5	С
Westbound	LT	1.47	232.0	F	LT	1.37	189.4	F	LT	1.04	57.8	E
Southbound	LT	1.50	245.5	F	LT	1.52	255.5	F	LT	1.50	243.4	F
	R	0.05	14.0	В	R	0.11	14.1	В	R	0.03	2.2	Α
5th Avenue & 43rd Street				_								_
Westbound	L	0.64	27.6	С	L	0.88	29.2	С	L	0.73	31.8	С
Contlaboration		0.74	24.9	С	T	0.70	13.2	В	T	0.63	27.8	С
Southbound	T	1.26	142.3	F F	T	1.19	110.2	F F	T	1.37	182.3	F F
5th Avenue & 44th Street	R	2.19	557.1	r	R	1.88	418.8	ŀ	R	2.12	526.1	F
Eastbound	Т	0.42	24.1	С	T	0.42	23.4	С	Т	0.46	23.4	С
Lastbouriu	R	0.42	99.7	F	R	1.17	139.2	F	R	1.36	217.7	F
Southbound	LT	1.43	213.5	F	LT	1.43	212.4	F	LT	1.54	263.1	F
5th Avenue & 47th Street		1110	210.0	·		1110	2.2	·		1101	20011	
Westbound	L	1.02	105.1	F	L	0.99	70.7	Е	L	1.14	108.7	F
	Т	0.64	34.0	С	Т	0.52	33.7	С	Т	1.05	55.4	Ε
Southbound	T	1.44	219.1	F	Т	1.47	235.1	F	Т	1.39	192.3	F
	R	0.87	26.2	С	R	1.03	57.7	E	R	1.16	97.0	F
5th Avenue & 48th Street												
Eastbound	Т	0.60	17.6	В	T	0.67	20.2	С	T	1.20	128.1	F
	R	1.06	89.3	F	R	0.99	92.5	F	R	1.24	156.7	F
Southbound	LT	1.44	220.3	F	LT	1.32	166.9	F	LT	1.33	164.6	F
5th Avenue & 49th Street			a	-								
Westbound	LT	0.57	27.7	С	LT	0.50	23.2	С	LT	1.10	91.4	F
Southbound	T	1.43	216.8	F	T	1.49	240.5	F	T	1.41	199.8	F
File Assessed 0 FALL Classed	R	0.63	16.9	В	R	0.37	11.7	В	R	0.72	9.8	Α
5th Avenue & 54th Street	TD	0.53	22.0	C	TD	1.00	07.0	F	TD	0.04	E2.4	Р
Eastbound	TR LT	0.53	23.9	C F	TR LT	1.08	97.0	F	TR	0.94	52.6	D F
Southbound 5th Avenue & 57th Street	Lİ	1.43	217.1	г	LI	1.41	206.4	г	LT	1.47	228.7	г
Eastbound	Т	1.14	111.0	F	Т	1.19	128.8	F	Т	1.41	219.6	F
Lasibound	R	0.85	143.2	F	R	1.07	126.8	F	R	0.78	47.6	D
Westbound	LT	1.17	124.2	F	LT	0.79	89.4	F	LT	1.66dl	159.1	F
Southbound	LT	1.51	259.4	F	LT	1.06	84.1	F	LT	1.52	263.7	F
SouthBourid	R	0.43	22.3	С	R	0.38	18.5	В	R	0.66	32.7	C
				-	- '`	00	. 3.0		,	2.00		

ladama adilam O Amana adi		AM Pea	k Hour		M	lidday P	eak Hou	r	PM Peak Hour			
Intersection & Approach (Signalized Intersections)	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS	Movt.	v/c Ratio	Delay (sec)	LOS
6th Avenue & West 48th Street												
Eastbound	L	0.33	22.5	С	L	0.33	22.7	С	L	0.58	29.9	С
	T	1.18	132.7	F	T	1.02	78.4	Ε	T	1.04	78.0	Е
Northbound	TR	0.89dr	32.0	С	TR	0.76	35.9	D	T	0.72	20.8	С
									R	1.12	144.9	F
6th Avenue & West 49th Stree	İ											
Westbound	T	0.79	32.9	С	T	0.52	20.7	С	T	1.03	74.2	Е
	R	0.70	32.0	С	R	0.62	29.8	С	R	0.92	55.6	E
Northbound	LT	1.06	49.0	D	LT	1.06	50.7	D	LT	0.89	13.2	В

Intersection & Approach		M	idday P	eak Hou	r	PM Peak Hour						
(Unsignalized Intersections)	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												
Eastbound (West Side)	L	0.92	48.8	E	L	0.61	21.0	С	L	0.52	18.0	С
Northbound	T	0.34	0.0	Α	T	0.32	0.0	Α	T	0.32	0.0	Α

Appendix F.9
Proposed Traffic Mitigation Measures for Proposed Action with PRI Condition



Proposed Action with PRI Condition- AM Proposed Traffic Mitigation Measures

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
1st Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 36th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 37th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 38th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 43rd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 44th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 45th St.	WB: 1 LT (10°) WB: G=27 SB: G=53		WB: 2 LT (10') WB: G=25 SB: G=55	-Implement No Standing 7AM-7PM Mon - Fri for 100' along north curb on WB approach. This would result in the elimination of up to 4 authorized vehicle (NYP) parking spacesModify signal timing Enforce No Standing 7A-7PM Mon-Fri along north curb of 45th Street on the receiving side of WB approach.
2nd Ave. & E. 46th St.	EB: G=27 SB: G=53		EB: G=25 SB: G=55	Modify signal timing
2nd Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 53rd St.	WB: 2 LT (10') Ped: G=7 WB: G=28 SB: G=45		WB: L (10'), 2T (10') Ped: G=7 WB: G=26 SB: G=47	-Implement No Standing 7A-2 PM Mon-Fri for 100' along south curb on WB approach to create a left-turn lane. This would result in the elimination of up to 4 commercial parking spacesModify signal timing

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
2nd Ave. & E. 54th St.	EB: G=31 SB: G=49		EB: G=29 SB: G=51	Modify signal timing
2nd Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 56th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 59th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 60th St.				Impacts cannot be fully mitigated in this time period
Tunnel Exit St. & E. 39th St.	WB: G=31 NB: G=49		WB: G=34 NB: G=46	Modify signal timing
Tunnel Exit St. & E. 40th St.				No miligation measures needed Intersection was mitigated due to mitigation measures applied at adjacent intersections
3rd Ave. & E. 36th St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 37th St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 39th St.	NB: 4 LT (10')		NB: L (10'), 4T (10')	-Implement No Standing Anytime for 100' along west curb on NB approach to create a left-turn lane as per air quality mitigation. This would result in the elimination of up to 4 commercial vehicle parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 40th St.	EB: 1 LT (13') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=30 NB: G=50	-Modify signal timing
3rd Ave. & E. 41st St.	EB/WB: G=35 NB: G=45	EB/WB: G=35 NB: G=45	EB/WB: G=30 NB: G=50	-Modify signal timing as per air quality mitigation -Implement No Parking 7AM-10AM for 200' along west curb of NB approach as per air quality mitigation. This would result in the elimination of up to 8 commercial parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 43rd St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 44th St.	EB: G=40 NB: G=40	EB: G=40 NB: G=40	EB: G=37 NB: G=43	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 45th St.	NB: 4 LT (10') WB T: G=27 WB TR: G=17 NB: G=36	NB: 1 L (10'), 4 T(10') WB T: G=27 WB TR: G=17 NB: G=36	NB: 1 L (10'), 4 T(10') WB T: G=27 WB TR: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 46th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=16 NB: G=37	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 47th St.	NB: 4 LT (10') WB: G=45 NB: G=35	NB: 1 L (10'), 4 T(10') WB: G=45 NB: G=35	NB: 1 L (10'), 4 T(10') WB: G=42 NB: G=38	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 48th St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=42 NB: G=38	-Modify signal timing as per air quality mitigation -No significant adverse traffic impacts in With-Action condition
3rd Ave. & E. 49th St.	NB: 4 LT (10') WB T: G=29 WB TR: G=17 NB: G=34	NB: 1 L (10'), 4 T(10') WB T: G=29 WB TR: G=17 NB: G=34	NB: 1 L (10'), 4 T(10') WB T: G=29 WB TR: G=14 NB: G=37	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
3rd Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 52nd St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=41 NB: G=39	Modify signal timing
3rd Ave. & E. 53rd St.	WB T: G=27 WB TR: G=17 NB: G=36	WB T: G=27 WB TR: G=17 NB: G=36	WB T: G=27 WB TR: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 54th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 55th St.	NB: 4 LT (10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10'), 4 T(10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10'), 4 T(10') WB: G=35 NB: G=38 Ped: G=7	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 56th St.	EB: G=37 NB: G=43	EB: G=37 NB: G=43	EB: G=34 NB: G=46	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 57th St.	NB (West): 3 LT (10')	NB (West): 3 LT (10')	NB (West): 3 LT (10')	-Implement No Standing 7AM-7PM Mon-Fri for 200' along the west curb of NB approach (west side) as per air quality mitigation. This would result in the elimination of up to 8 commercial parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 59th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 36th St.	EB: G=28 Ped: G=7 SB: G=45	EB: G=28 Ped: G=7 SB: G=45	EB: G=27 Ped: G=7 SB: G=46	Modify signal timing
Lexington Ave. & E. 38th St.	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=14 SB: G=43	- Implement No Standing 7AM-10AM Mon-Fri for 50' along east curb on SB approach. This would result in the elimination of up to 2 commercial parking spaces Modify signal timing
Lexington Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 44th St.	SB: G=49 Ped: G=36	SB: G=49 Ped: G=36	SB: G=52 Ped: G=33	Modify signal timing
Lexington Ave. & E. 45th St.	WB: G=31 SB: G=49	WB: G=31 SB: G=49	WB: G=27 SB: G=53	Modify signal timing
Lexington Ave. & E. 46th St.	SB: 3 LT (10') EB : G=31 SB: G=49 *Offset=78	SB: 1 L (10'), 3 T(10') EB: G=31 SB: G=49 *Offset=78	SB: 1 L (10'), 3 T(10') EB: G=29 SB: G=51 *Offset=79	-Modify signal timing as per pedestrian mitigation -Modify offset to mitigate new impact from pedestrian mitigation
Lexington Ave. & E. 47th St.				-Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 48th St.				-Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 51st St.	WB T: G=23 WB LT: G=14 SB: G=43	WB T: G=23 WB LT: G=14 SB: G=43	WB T: G=23 WB LT: G=13 SB: G=44	Modify signal timing
Lexington Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
Lexington Ave. & E. 54th St.	SB: 3 LT (10') EB: G=35 SB: G=45	SB: 1 L (10'), 3 T(10') EB: G=35 SB: G=45	SB: 1 L (10'), 3 T(10') EB: G=37 SB: G=43	Modify signal timing
Lexington Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 56th St.	EB T: G=26 EB TR: G=14 SB: G=40	EB T: G=26 EB TR: G=14 SB: G=40	EB T: G=23 EB TR: G=14 SB: G=43	Modify signal timing
Lexington Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 50th St.				-Impacts cannot be fully mitigated in this time period
Park Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 56th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 43rd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 54th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=31 NB: G=49	Modify signal timing
5th Ave. & 38th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 39th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 40th St.				Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
5th Ave. & 42nd St.	EB/WB: G=35 SB: G=45	EB/WB: G=35 SB: G=45	EB/WB: G=34 SB: G=46	-Modify signal timing as per pedestrian mitigation -Impacts cannot be fully mitigated in this time period
5th Ave. & 43rd St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 44th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 47th St.	WB T: G=23 WB LT: G=15 SB: G=42	WB T: G=23 WB LT: G=15 SB: G=42	WB T: G=23 WB LT: G=14 SB: G=43	Modify signal timing
5th Ave. & 48th St.	EB T: G=24 EB TR: G=15 SB: G=41	EB T: G=24 EB TR: G=15 SB: G=41	EB T: G=24 EB TR: G=14 SB: G=42	Modify signal timing
5th Ave. & 49th St.	WB: G=35 SB: G=45	WB: G=35 SB: G=45	WB: G=34 SB: G=46	Modify signal timing
5th Ave. & 54th St.	EB: G=35 SB: G=45	EB: G=35 SB: G=45	EB: G=34 SB: G=46	Modify signal timing
5th Ave. & 57th St.				Impacts cannot be fully mitigated in this time period
6th Ave. & W. 48th St.				Impacts cannot be fully mitigated in this time period

Notes: EB = Eastbound; WB = Westbound; NB = Northbound; SB = Southbound

"G" indicates amount of green phase time, in seconds

Proposed Action with PRI Condition- MD Proposed Traffic Mitigation Measures

Intersection	No-Action	With-Action-With-	With-Action-With-	Proposed Mitigation
intersection		Improvements	Improvements Mitigations	Troposed Willigation
1st Ave. & E. 40th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=36 NB: G=44	Modify signal timing
1st Ave. & E. 44th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=36 NB: G=44	Modify signal timing
1st Ave. & E. 46th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=36 NB: G=44	Modify signal timing
1st Ave. & E. 54th St.	EB: G=28 Ped: G=7 NB: G=45	EB: G=28 Ped: G=7 NB: G=45	EB: G=29 Ped: G=7 NB: G=44	Modify signal timing
2nd Ave. & E. 37th St.	WB: G=31 SB: G=49	WB: G=31 SB: G=49	WB: G=30 SB: G=50	Modify signal timing
2nd Ave. & E. 38th St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=30 SB: G=50	Modify signal timing
2nd Ave. & E. 39th St.	WB: G=31 SB: G=49	WB: G=31 SB: G=49	WB: G=29 SB: G=51	Modify signal timing
2nd Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 43rd St.	WB LT: G=31 SB T: G=49	WB LT: G=31 SB T: G=49	WB LT: G=28 SB T: G=52	Modify signal timing
2nd Ave. & E. 44th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 45th St.	WB: 1 LT (10') WB: G=27 SB: G=53	WB: 1 LT (10') WB: G=27 SB: G=53	WB: 2 LT (10') WB: G=25 SB: G=55	-Implement No Standing 7AM-7PM Mon - Fri for 100' along north curb on WB approach. This would result in the elimination of up to 4 authorized vehicle (NYP) parking spacesModify signal timing - Enforce No Standing 7A-7PM Mon-Fri along north curb of 45th Street on the receiving side of WB approach
2nd Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 47th St.	WB: G=27 SB: G=53	WB: G=27 SB: G=53	WB: G=25 SB: G=55	Modify signal timing
2nd Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 49th St.	WB T: G=7 WB LT: G=25 SB: G=48	WB T: G=7 WB LT: G=25 SB: G=48	WB T: G=7 WB LT: G=24 SB: G=49	Modify signal timing
2nd Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 51st St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=30 SB: G=50	Modify signal timing
2nd Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 53rd St.	WB: 2 LT (10') Ped: G=7 WB: G=28 SB: G=45	WB: 2 LT (10') Ped: G=7 WB: G=28 SB: G=45	WB: L (10'), 2T (10') Ped: G=7 WB: G=26 SB: G=47	-Implement No Standing 7 AM-2 PM Mon-Fri for 100' along south curb on WB approach to create a left-turn lane. This would result in the elimination of up to 4 commercial parking spacesModify signal timing
2nd Ave. & E. 54th St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=30 SB: G=50	Modify signal timing

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
2nd Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 56th St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=29 SB: G=51	Modify signal timing
2nd Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 59th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 60th St.				Impacts cannot be fully mitigated in this time period
Tunnel Exit St. & E. 39th St.	WB: G=31 NB: G=49	WB: G=31 NB: G=49	WB: G=30 NB: G=50	Modify signal timing
3rd Ave. & E. 36th St.	EB LT: G=40 NB T: G=22 NB TR: G=18	EB LT: G=40 NB T: G=22 NB TR: G=18	EB LT: G=37 NB T: G=25 NB TR: G=18	Modify signal timing
3rd Ave. & E. 37th St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 39th St.	NB: 4 LT (10')	NB: 4 LT (10')	NB: L (10'), 4T (10')	-Implement No Standing Anytime for 100' along west curb on NB approach to create a left-turn lane as per air quality mitigation. This would result in the elimination of up to 4 commercial vehicle parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 40th St.	EB: 1 LT (13') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=31 NB: G=49	Modify signal timing
3rd Ave. & E. 41st St.	EB/WB: G=35 NB: G=45	EB/WB: G=35 NB: G=45	EB/WB: G=31 NB: G=49	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 43rd St.	WB: G=40 NB: G=40	WB: G=40 NB: G=40	WB: G=38 NB: G=42	Modify signal timing
3rd Ave. & E. 44th St.	EB: G=40 NB: G=40	EB: G=40 NB: G=40	EB: G=37 NB: G=43	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 46th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=15 NB: G=38	Modify signal timing
3rd Ave. & E. 47th St.	NB: 4 LT (10') WB: G=45 NB: G=35	NB: 1 L (10') 4 T (10') WB: G=45 NB: G=35	NB: 1 L (10') 4 T (10') WB: G=42 NB: G=38	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 48th St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=41 NB: G=39	Modify signal timing
3rd Ave. & E. 50th St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=42 NB: G=38	Modify signal timing
3rd Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 52nd St.	EB: G=45 NB: G=35 Offset: 88	EB: G=45 NB: G=35 Offset: 88	EB: G=41 NB: G=39 Offset: 2	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 54th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 55th St.	NB: 4 LT (10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10') 4 T (10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10') 4 T (10') WB: G=35 NB: G=38 Ped: G=7	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
3rd Ave. & E. 56th St.	EB: G=37 NB: G=43	EB: G=37 NB: G=43	EB: G=34 NB: G=46	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 57th St.	NB (West): 3 LT (10')	NB (West): 3 LT (10')	NB (West): 3 LT (10')	-Implement No Standing 7AM-7PM Mon-Fri for 200' along the west curb of NB approach (west side) as per air quality mitigation. This would result in the elimination of up to 8 commercial parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 59th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 36th St.	EB: G=28 Ped: G=7 SB: G=45	EB: G=28 Ped: G=7 SB: G=45	EB: G=27 Ped: G=7 SB: G=46	Modify signal timing
Lexington Ave. & E. 38th St.	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=14 SB: G=43	Modify signal timing
Lexington Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 44th St.	SB: G=49 Ped: G=36	SB: G=49 Ped: G=36	SB: G=51 Ped: G=34	Modify signal timing
Lexington Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 49th St.	WB: G=35 SB: G=45	WB: G=35 SB: G=45	WB: G=32 SB: G=48	Modify signal timing
Lexington Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 52nd St.	SB: 3 LT (10') EB T: G=23 EB TR: G=14 SB: G=43	SB: 1 L (10'), 3 T (10') EB T: G=23 EB TR: G=14 SB: G=43	SB: 1 L (10'), 3 T (10') EB T: G=24 EB TR: G=15 SB: G=41	Modify signal timing
Lexington Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
Park Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 56th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 39th St.	WB: G=23 WB TR: G=12 NB: G=45	WB: G=23 WB TR: G=12 NB: G=45	WB: G=24 WB TR: G=14 NB: G=42	Modify signal timing
Madison Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 43rd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 48th St.	EB T: G=23 EB LT: G=14 NB: G=43	EB T: G=23 EB LT: G=14 NB: G=43	EB T: G=23 EB LT: G=15 NB: G=42	Modify signal timing
Madison Ave. & E. 49th St.	WB: G=35 NB: G=45	WB: G=35 NB: G=45	WB: G=36 NB: G=44	Modify signal timing
Madison Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 38th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 39th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 40th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 42nd St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 43rd St.	WB: G=35 SB: G=45 Offset: 43	WB: G=35 SB: G=45 Offset: 43	WB: G=32 SB: G=48 Offset: 40	Modify signal timing
5th Ave. & 44th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 47th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 48th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 49th St.	WB: G=35 SB: G=45	WB: G=35 SB: G=45	WB: G=34 SB: G=46	Modify signal timing
5th Ave. & 54th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 57th St.	EB: G=35 SB: G=45	EB: G=35 SB: G=45	EB: G=36 SB: G=44	Modify signal timing
6th Ave. & W. 48th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=36 NB: G=44	Modify signal timing
Notes:		1	1	<u> </u>

Notes: EB = Eastbound; WB = Westbound; NB = Northbound; SB = Southbound

"G" indicates amount of green phase time, in seconds

Proposed Action with PRI Condition- PM Proposed Traffic Mitigation Measures

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
1st Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
1st Ave. & E. 55th St.	WB: G=35 NB LT: G=38 NB T/Ped: G=7	WB: G=35 NB LT: G=38 NB T/Ped: G=7	WB: G=34 NB LT: G=39 NB T/Ped: G=7	Modify signal timing
1st Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 36th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 37th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 38th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 39th St.	WB: G=31 SB: G=49	WB: G=31 SB: G=49	WB: G=29 SB: G=51	Modify signal timing
2nd Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 43rd St.	WB: G=31 SB: G=49	WB: G=31 SB: G=49	WB: G=28 SB: G=52	-Modify signal timing -Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 44th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 45th St.	WB: 1 LT (10') WB: G=27 SB: G=53	WB: 1 LT (10') WB: G=27 SB: G=53	WB: 2 LT (10') WB: G=24 SB: G=56	-Implement No Standing 7AM-7PM Mon - Fri for 100' along north curb on WB approach. This would result in the elimination of up to 4 authorized vehicle (NYP) parking spaces. -Modify signal timing - Enforce No Standing 7A-7PM Mon-Fri along north curb of 45th Street on the receiving side of WB approach
2nd Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 47th St.	WB: G=27 SB: G=53	WB: G=27 SB: G=53	WB: G=24 SB: G=56	Modify signal timing
2nd Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 49th St.	WB T: G=7 WB LT: G=25 SB: G=48 Offset: 82*	WB T: G=7 WB LT: G=25 SB: G=48 Offset: 82*	WB T: G=7 WB LT: G=28 SB: G=45 Offset: 83*	Modify signal timing *Offset changed to mitigate impact due to adjacent intersections.

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
2nd Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 54th St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=30 SB: G=50	Modify signal timing
2nd Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 56th St.	EB: G=31 SB: G=49	EB: G=31 SB: G=49	EB: G=30 SB: G=50	Modify signal timing
2nd Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 59th St.				Impacts cannot be fully mitigated in this time period
2nd Ave. & E. 60th St.				Impacts cannot be fully mitigated in this time period
Tunnel Exit St. & E. 40th St.	EB: G=31 NB: G=49	EB: G=31 NB: G=49	EB: G=32 NB: G=48	Modify signal timing
3rd Ave. & E. 36th St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 37th St.	WB T: G=28 WB TR: G=16 NB: G=36	WB T: G=28 WB TR: G=16 NB: G=36	WB T: G=28 WB TR: G=17 NB: G=35	Modify signal timing
3rd Ave. & E. 38th St.	EB: G=35 NB: G=45	EB: G=35 NB: G=45	EB: G=37 NB: G=43	Modify signal timing
3rd Ave. & E. 39th St.	NB: 4 LT (10')	NB: 4 LT (10')	NB: L (10') 4T (10')	-Implement No Standing Anytime for 100' along west curb on NB approach to create a left-turn lane as per air quality mitigation. This would result in the elimination of up to 4 commercial vehicle parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 40th St.	EB: 1 LT (13') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=35 NB: G=45	EB: 1 L (10'), 1 T (11') EB: G=30 NB: G=50	Modify signal timing
3rd Ave. & E. 41st St.	EB/WB: G=36 NB: G=44	EB/WB: G=36 NB: G=44	EB/WB: G=31 NB: G=49	-Modify signal timing as per air quality mitigation -Implement No Parking 4PM-7PM for 200° along west curb of NB approach as per air quality mitigation. This would result in the elimination of up to 8 commercial parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 43rd St.	WB: G=40 NB: G=40	WB: G=40 NB: G=40	WB: G=37 NB: G=43	Modify signal timing
3rd Ave. & E. 44th St.	EB: G=40 NB: G=40	EB: G=40 NB: G=40	EB: G=37 NB: G=43	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 45th St.	NB: 4 LT (10') WB T: G=27 WB TR: G=17 NB: G=36	NB: 1 L (10') 4 T (10') WB T: G=27 WB TR: G=17 NB: G=36	NB: 1 L (10') 4 T (10') WB T: G=27 WB TR: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 46th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=15 NB: G=38	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 47th St.	NB: 4 LT (10') WB: G=45 NB: G=35	NB: 1 L (10') 4 T (10') WB: G=45 NB: G=35	NB: 1 L (10') 4 T (10') WB: G=42 NB: G=38	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
3rd Ave. & E. 48th St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=41 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 49th St.	NB: 4 LT (10') WB T: G=29 WB TR: G=17 NB: G=34	NB: 1 L (10') 4 T (10') WB T: G=29 WB TR: G=17 NB: G=34	NB: 1 L (10') 4 T (10') WB T: G=29 WB TR: G=14 NB: G=37	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 50th St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=42 NB: G=38	-Modify signal timing
3rd Ave. & E. 51st St.	NB: 4 LT (10') WB: G=45 NB: G=28	NB: 1 L (10') 4 T (10') WB: G=45 NB: G=28	NB: 1 L (10') 4 T (10') WB: G=42 NB: G=31	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 52nd St.	EB: G=45 NB: G=35	EB: G=45 NB: G=35	EB: G=42 NB: G=38	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 53rd St.	WB T: G=27 WB TR: G=17 NB: G=36	WB T: G=27 WB TR: G=17 NB: G=36	WB T: G=27 WB TR: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 54th St.	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=17 NB: G=36	EB T: G=27 EB LT: G=14 NB: G=39	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 55th St.	NB: 4 LT (10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10') 4 T (10') WB: G=38 NB: G=35 Ped: G=7	NB: 1 L (10') 4 T (10') WB: G=35 NB: G=38 Ped: G=7	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 56th St.	EB: G=37 NB: G=43	EB: G=37 NB: G=43	EB: G=34 NB: G=46	-Modify signal timing as per air quality mitigation -Impacts cannot be fully mitigated in this time period
3rd Ave. & E. 57th St.	NB (West): 3 LT (10')	NB (West): 3 LT (10')	NB (West): 3 LT (10')	-Implement No Standing 7AM-7PM Mon-Fri for 200' along the west curb of NB approach (west side) as per air quality mitigation. This would result in the elimination of up to 8 commercial parking spacesImpacts cannot be fully mitigated in this time period
3rd Ave. & E. 59th St.	EB: G=40 NB T: G=17 NB TR: G =23	EB: G=40 NB T: G=17 NB TR: G =23	EB: G=38 NB T: G=17 NB TR: G=25	Modify signal timing
Lexington Ave. & E. 36th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 38th St.	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=13 SB: G=44	EB T: G=23 EB TR: G=14 SB: G=43	-Modify signal timing -Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 40th St.	SB: 4 LT (10') EB TR: G=13 EB T: G=23 SB: G=44	SB: 1 L (10') 4 T (10') EB TR: G=13 EB T: G=23 SB: G=44	SB: 1 L (10') 4 T (10') EB TR: G=14 EBT: G=23 SB: G=43	-Modify signal timing -Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 44th St.	SB: G=49 Ped: G=36	SB: G=49 Ped: G=36	SB: G=51 Ped: G=34	Modify signal timing
Lexington Ave. & E. 45th St.	Offset: 84	Offset: 84	Offset: 85	-No significant adverse traffic conditions in With-Action condition -Offset changed to mitigate impact due to adjacent intersections
Lexington Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
Lexington Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 49th St.	WB: G=35 SB: G=45	WB: G=35 SB: G=45	WB: G=34 SB: G=46	-No significant adverse traffic conditions in With-Action condition -Signal timing modified to miligate new impact from other mitigation
Lexington Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 51st St.	WB T: G=23 WB LT: G=14 SB: G=43	WB T: G=23 WB LT: G=14 SB: G=43	WB T: G=23 WB LT: G=15 SB: G=42	Modify signal timing
Lexington Ave. & E. 52nd St.	SB: 4 LT (10') EB T: G=23 EB TR: G=14 SB: G=43	SB: 1 L (10') 4 T (10') EB T: G=23 EB TR: G=14 SB: G=43	SB: 1 L (10') 4 T (10') EB T: G=23 EB TR: G=16 SB: G=41	Modify signal timing
Lexington Ave. & E. 53rd St.	WB: G=35 SB: G=45	WB: G=35 SB: G=45	WB: G=36 SB: G=44	Modify signal timing
Lexington Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Lexington Ave. & E. 57th St.	EB/WB: G=37 SB: G=43	EB/WB: G=37 SB: G=43	EB/WB: G=38 SB: G= 42	Modify signal timing
Park Ave. & E. 36th St.	EB: G=35 NB/SB: G=45	EB: G=35 NB/SB: G=45	EB: G=37 NB/SB: G=43	Modify signal timing
Park Ave. & E. 38th St.	NB: T (11'), TR (12') NB/SB: G=45 EB: G=35	NB: T (11'), TR (12') NB/SB: G=45 EB: G=35	NB: T (11'), T (11'), R (12') NB/SB: G=43 EB: G=37	 Implement No Standing 4PM-7PM on east curb of NB approach for 100' to create a right-turn lane. This would result in the elimination of up to 3 diplomat spaces and 1 commercial space. -Modify signal timing
Park Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 47th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 48th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 50th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 51st St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 52nd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 54th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 55th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 56th St.				Impacts cannot be fully mitigated in this time period
Park Ave. & E. 57th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 39th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 40th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 41st St.				Impacts cannot be fully mitigated in this time period

Intersection	No-Action	With-Action-With- Improvements	With-Action-With- Improvements Mitigations	Proposed Mitigation
Madison Ave. & E. 42nd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 43rd St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 46th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 48th St.	EB T: G=23 EB LT: G=14 NB: G=43	EB T: G=23 EB LT: G=14 NB: G=43	EB T: G=23 EB LT: G=13 NB: G=44	Modify signal timing
Madison Ave. & E. 49th St.				Impacts cannot be fully mitigated in this time period
Madison Ave. & E. 53rd St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 38th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 39th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 40th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 42nd St.	EB/WB: G=35 SB: G=45	EB/WB: G=35 SB: G=45	EB/WB: G=37 SB: G=43	-Modify signal timing as per pedestrian mitigation -Impacts cannot be fully mitigated in this time period
5th Ave. & 43rd St.	SB: G=45 WB: G=35	SB: G=45 WB: G=35	SB: G=49 WB: G=31	Modify signal timing
5th Ave. & 44th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 47th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 48th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 49th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 54th St.				Impacts cannot be fully mitigated in this time period
5th Ave. & 57th St.				Impacts cannot be fully mitigated in this time period
6th Ave. & W. 49th St.	WB: G=35 NB: G=45	WB: G=35 NB: G=45	WB: G=38 NB: G=42	Modify signal timing

Notes: EB = Eastbound; WB = Westbound; NB = Northbound; SB = Southbound

"G" indicates amount of green phase time, in seconds

Appendix F.10

Traffic LOS Tables for Proposed Action with PRI Condition With and Without Proposed Mitigation

THIS APPENDIX IS NEW FOR THE FEIS



Greater East Midtown Rezoning EIS

Traffic LOS Tables for Proposed Action with PRI Condition with and without Proposed Mitigation- AM Peak Hour

Traffic LOS Tables for Proposed Action with		No-A						rements			litigation	IS	_
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LO	S
1st Avenue & East 40th Street													
Eastbound	L	1.13	100.3	F	L	1.15	105.1	F +	L	1.15	105.0	F	+
Northbound	T	1.23	134.5	F	T	1.25	140.3	F +	T	1.25	140.3	F	+
1st Avenue & East 42nd Street													
Eastbound (East Side)	T	1.32	174.0	F	T	1.32	172.3	F	T	1.32	172.3	F	
Westbound (East Side)	TR	1.15	116.7	F	TR	1.23	146.7	F +	TR	1.23	146.7	F	+
	R	1.12	134.7	F	R	1.19	157.3	F +	R	1.19	157.3	F	+
Northbound (East Side)	LT	0.67	92.7	F	LT	0.69	99.2	F +	LT	0.69	99.2	F	+
=	R	1.66	327.1	F	R	1.66	326.8	F	R	1.66	326.8	F	
Eastbound (West Side)	L	0.95	113.1	F	L	0.98	113.6	F	L	0.98	113.6	F	
W II - I (W - I (C) I)	I TD	0.80	74.6	E		0.80	74.6	E		0.80	74.6	E	
Westbound (West Side)	TR	0.99	21.2	С	TR	1.04	37.2	D	TR	1.04	37.2	D	
Northbound (West Side)	L	0.77	26.6	С	L	0.78	26.7	С	L	0.78	26.7	С	
1st Assessed O. Frest Addle Charact	T	0.73	81.9	F	T	0.76	82.0	F	T	0.76	82.0	F	_
1st Avenue & East 44th Street	.	0.00	27.1	_		0.00	25.0	0		0.00	25.2		
Eastbound	L	0.80	26.6	C	L	0.82	25.3	C	L	0.82	25.3	C	
Northbound	T	0.69	1.7	Α	T	0.72	1.8	Α	T	0.72	1.8	Α	_
1st Avenue & East 46th Street		0.00	00.7	_		0.00	04.7	0		0.00	00.4	_	
Eastbound	L	0.83	33.7	C	L	0.82	31.7	C	L	0.82	30.4	С	
Northbound	T	0.70	2.3	Α	T	0.72	2.4	Α	T	0.72	2.4	Α	_
1st Avenue & East 47th Street	_	0.75	10 /	Г.	_	0.7/	10 (D	_	0.7/	10 /	-	
Northbound (East Side)	T	0.75	13.6	В	T	0.76	13.6	В	T	0.76	13.6	В	_
Northbound (West Side)	L T	0.68	16.4	B B	T	0.72	17.6	B B	L T	0.72	17.6	B B	_
1at Avanua B Foot 40th Chroat (Foot Cida)		0.72	16.1	В		0.74	18.5	В		0.74	18.5	В	_
1st Avenue & East 48th Street (East Side)	T	0.01	0.4	Δ.	_	0.00	0.4		Т	0.00	0.4	^	_
Northbound	R	0.31	0.4	A	T R	0.33	0.4	A	R	0.33	0.4	A	
1st Avenue & East 49th Street	K	0.68	4.3	А	K	0.68	4.3	А	K	0.68	4.3	А	_
Westbound (East Side)	T	0.94	50.0	D	Т	1.06	81.3	F +	Т	1.06	81.3	F	_
westbourid (East Side)	R	0.94	16.9	В	R	0.20	17.0	В +	R	0.20	17.0	В	+
Northbound (Fact Cida)	T	1.00	80.4	F	T	1.02	80.4	F	T	1.02	80.4	F	
Northbound (East Side) Westbound (West Side)	T	0.94	16.5	В	Ť	1.02	37.9	D	Ť	1.02	37.9	D	_
Northbound (West Side)	LT	1.02	49.9	D	LT	1.05	58.5		LT	1.05	58.5	E	_
1st Avenue & East 53rd Street	LI	1.02	49.9	D	LI	1.05	36.3	E +	LI	1.05	36.3	E	+
Westbound	TR	0.70	27.9	С	TR	0.80	31.7	С	TR	0.80	31.7	С	_
Northbound	L	0.70	33.7	С	L	0.73	33.9	С	L	0.73	33.9	С	_
Northbourd	T	0.80	23.7	С	T	0.73	25.3	С	T	0.73	25.3	С	_
1st Avenue & East 54th Street	<u> </u>	0.60	23.7	C	-	0.01	20.3	C	-	0.01	20.5	C	_
Eastbound	LT	1.12	102.5	F	LT	1.12	103.3	F	LT	1.12	100.9	F	
Northbound	T	0.99	63.8	E	T	1.02	64.1	E	T	1.02	64.1	E	_
Nottribouriu	R	0.79	19.0	В	R	0.79	18.7	В	R	0.79	18.7	В	_
1st Avenue & East 55th Street	7	0.17	17.0	D	71	0.17	10.7	D	71	0.19	10.7	ט	_
Westbound	TR	0.82	42.0	D	TR	0.84	43.4	D	TR	0.84	43.4	D	_
Northbound		1.06	69.8	E	L	1.21	123.6	F +	L	1.21	123.6	F	+
Nottibound	T	1.06	61.4	E	T	1.05	60.8	E +	T	1.05	60.8	E	+
1st Avenue & East 57th Street	- '-	1.04	U1.4	E	-	1.00	00.0		-	1.00	00.0	Ľ	_
Eastbound	LT	1.20dl	58.0	Е	LT	1.20dl	58.2	Е	LT	1.20dl	58.2	Е	_
Westbound	TR	0.39	30.2	С	TR	0.39	30.2	С	TR	0.39	30.2	С	_
ง∧⊆2เท∩กบ _ี เก												С	_
Morthhound		0.38	21.2	('		() ()	71 A	('			214		
Northbound	L T	0.38	21.3 190.7	C F	L	0.38	21.4 197.3	C F +	L	0.38	21.4 197.3	F	

		No-Action V				With-	Action w	/ Improv	/ements	1	With M	litigation	ıs	
Intersection & Approac	ch			Delay			1410	Delay			1//0	Delay		
(Signalized Intersection		Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LC	S
			Kalio	Veh			Kaliu	Veh			Kaliu	Veh		
2nd Avenue & East 36th Street														
	Eastbound	TR	1.31	168.3	F	TR	1.32	176.6	F +	TR	1.32	176.6	F	+
	Southbound	L	1.65	316.8	F	L	1.72	345.6	F +		1.72	345.6	F	+
Courth	n-Westbound	T	1.17 1.14	97.5 113.9	F	T	1.20 1.14	110.0 115.7	F +	T I	1.20 1.14	110.0 115.7	F	+
2nd Avenue & East 37th Street	i-westbound	L	1.14	113.9	Г		1.14	110.7	Г	L	1.14	115.7	Г	
Zila / Wollac & East O/th Otroct	Westbound	LT	0.97dl	44.1	D	LT	1.01dl	45.6	D	LT	1.01dl	45.6	D	
	Southbound	Т	1.24	119.4	F	Т	1.27	135.4	F +	Т	1.27	135.4	F	+
		R	0.10	3.3	Α	R	0.10	3.3	Α	R	0.10	3.3	Α	
2nd Avenue & East 38th Street			4.40	440.7			1.10	10/0	_		4.40	10/0		
	Eastbound	TR	1.13	112.7 139.7	F	TR	1.18	126.8	F +	TR LT	1.18	126.8	F	+
2nd Avenue & East 39th Street	Southbound	LI	1.28	139.7	F	LI	1.31	156.0	F +	LI	1.31	156.0	F	+
Zilu Avenue & Last 37th Street	Westbound	L	0.25	23.7	С	L	0.26	23.8	С	L	0.26	23.8	С	
		T	0.84	42.8	D	T	1.01	94.0	F +	_	1.01	80.5	F	+
	Southbound	Т	1.23	122.3	F	Т	1.26	138.5	F +		1.26	138.4	F	+
		R	1.01	37.5	D	R	1.16	94.6	F +	R	1.16	94.5	F	+
2nd Avenue & East 40th Street		<u> </u>	0.01	44.4	_	L_	0.07	45.0	_	L_	0.01	47.0	_	
	Eastbound	I	0.81	44.1	D	Ţ	0.86	45.2	D	T	0.86	44.9	D	
	Southbound	R LT	0.55 1.11	36.8 68.8	D E	R LT	0.60 1.15	36.6 88.8	D F +	R LT	0.60	36.4 90.0	D F	##
2nd Avenue & East 41st Street	Journal	LI	1.11	00.0		LI	1.10	00.0	, ,	LI	1.13	70.0	-	ππ
	Eastbound	TR	0.56	45.3	D	TR	0.58	45.9	D	T	0.16	34.3	С	
										R	0.45	43.6	D	
	Southbound	LT	1.25	127.4	F	LT	1.29	148.4	F +		1.24	122.9	F	-
0.14		R	0.64	13.9	В	R	0.76	17.7	В	R	0.72	14.3	В	
2nd Avenue & East 42nd Street	Eastbound	TR	1.36	192.0	F	TR	1.38	199.4	F +	TR	1.38	199.4	F	+
	Westbound	LT	1.63dl	112.1	F	LT	2.02dl	164.4	F +	-	2.02dl	164.4	F	+
	Southbound	LT	1.16	100.0	F	LT	1.20	116.5	F +	_	1.20	116.3	F	+
		R	0.72	26.4	С	R	0.77	27.6	С	R	0.77	27.6	С	
2nd Avenue & East 43rd Street														
	Westbound	LT -	0.34	24.9	C	LT	0.34	25.5	С	LT	0.34	25.5	С	
	Southbound	T R	1.12	74.1 39.1	E D	T R	1.16 1.18	89.6 104.7	F +		1.16 1.18	89.6 104.7	F	+
2nd Avenue & East 44th Street		П	1.01	39.1	U	К	1.10	104.7	Г+	71	1.10	104.7	Г	+
Zila / Wollac & East Mil Street	Eastbound	TR	0.95	58.1	Е	TR	1.03	55.8	Е	TR	1.03	56.9	Е	
	Southbound	LT	1.17	93.0	F	LT	1.21	113.2	F +	LT	1.21	114.2	F	##
2nd Avenue & East 45th Street														
	Westbound	LT	0.98	87.5	F	LT	1.01	93.9	F +	_	0.53	41.1	D	
	Southbound	T R	1.16 1.13	87.8 84.4	F	T R	1.20 1.25	108.1 133.9	F +		1.16 0.78	86.1 16.1	F B	
2nd Avenue & East 46th Street		П	1.13	04.4	Г	К	1.20	133.9	F +	Л	0.70	10.1	D	
Zila Avende di East 40th Street	Eastbound	TR	0.63	35.9	D	TR	0.67	38.4	D	TR	0.90dr	41.8	D	
	Southbound		1.16	86.0	F	LT	1.20	106.6	F +		1.15	83.0	F	
2nd Avenue & East 47th Street														
	Westbound	LT	0.77	62.3	E	LT	0.80	62.9	E	LT	0.80	63.0	E	
	Southbound	T R	1.19 0.95	99.8	F C	T R	1.24	121.6	F +	_	1.24	121.5	F E	+
2nd Avenue & East 48th Street		К	0.95	21.7	U	К	1.10	67.3	E +	K	1.10	67.3	E	+
Zina Avenue a Last form Street	Eastbound	TR	1.07	84.0	F	TR	1.18	121.3	F +	TR	1.18	121.4	F	##
	Southbound	L	0.48	10.9	В	L	0.57	11.6	В	L	0.57	11.6	В	
		Т	1.48	234.8	F	Т	1.55	266.7	F +	T	1.55	266.7	F	+
2nd Avenue & East 49th Street		L		16.	Ļ	L		05 -				0.5		
	Westbound	L	0.79	48.6	D	L	0.90	92.0	F +	_	0.90	92.0	F	+
	Southbound	T	0.38 1.28	23.0 145.4	C F	T	0.40 1.34	23.6 172.3	C F +	T	0.40	23.6 172.3	C F	+
	Journbound	R	0.97	31.4	С	R	1.02	44.2	D +	R	1.02	44.2	D	т
<u> </u>		•							•					

	No-Action				With-	Action w	// Improv	/ements		With N	litigation	S
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
2nd Avenue & East 50th Street												
Eastbound	TR	1.18	134.6	F	TR	1.22	150.9	F +	TR	1.22	151.0	F +
Southbound	L	0.09	8.0	Α	L	0.09	8.0	Α	L	0.09	7.9	Α
	T	1.55	269.0	F	T	1.62	299.1	F +	T	1.62	299.1	F +
2nd Avenue & East 51st Street												
9 111	LT	1.39	231.3	F	LT	1.40	233.2	F	LT	1.40	233.2	F
Southbound	T	1.55	266.7	F	T	1.62	297.9	F +	T	1.62	297.9	F +
2nd Avenue & East 52nd Street	R	0.90	22.8	С	R	0.97	32.3	С	R	0.97	32.3	С
Eastbound	TR	0.80	39.4	D	TR	0.84	39.9	D	TR	0.84	39.6	D
Southbound	L	0.00	7.1	A	I	0.04	7.2	A	I IX	0.04	8.2	A
Southbound	T	1.49	239.1	F	T	1.55	269.8	F +	T	1.55	270.5	F ##
2nd Avenue & East 53rd Street		,	20711	Ė		1100	20710			1100	27010	
Westbound	LT	0.99	60.4	Е	LT	1.08	83.8	F +	L	1.03	111.0	F
									Т	0.70	33.3	С
Southbound	Т	1.48	234.6	F	T	1.53	261.5	F +	T	1.47	231.8	F
	R	0.64	18.6	В	R	0.69	20.0	С	R	0.66	18.0	В
2nd Avenue & East 54th Street												-
Eastbound	TR	0.62	27.7	С	TR	0.63	27.9	С	TR	0.67	28.3	С
Southbound	L	0.02	8.3	A	L	0.02	8.2	A	L	0.02	6.5	A
On d Account O Fresh Fifth Charact	T	1.58	281.0	F	T	1.65	311.8	F +	Т	1.58	279.6	F
2nd Avenue & East 55th Street	-	0.22	17.5	D	_	0.22	10.0	D		0.22	10.0	D
Westbound	L T	0.32	17.5 31.8	B C	T	0.32	18.0 38.3	B D	L T	0.32	18.0 38.3	B D
Southbound	T	1.60	292.0	F	T	1.68	324.6	F +	T	1.68	324.4	
Southbound	R	0.30	11.4	В	R	0.46	12.1	B	R	0.46	12.1	F + B
2nd Avenue & East 56th Street	11	0.50	11.7	Ь	IX	0.40	12.1	Ь	- 1	0.40	12.1	Ь
Eastbound	Т	0.76	31.1	С	Т	0.76	31.5	С	Т	0.76	30.6	С
	R	0.82	38.0	D	R	0.90	47.3	D +	R	0.90	45.2	D +
Southbound	L	0.11	2.2	Α	L	0.11	2.2	Α	L	0.11	2.2	А
	T	1.49	239.1	F	Т	1.57	275.8	F +	T	1.57	275.8	F +
2nd Avenue & East 57th Street												
Eastbound	T	0.57	54.2	D	Т	0.57	54.3	D	T	0.57	54.3	D
	R	1.34	226.5	F	R	1.44	264.2	F +	R	1.44	264.2	F +
Westbound	L	1.19	140.6	F	L	1.22	151.8	F +	L	1.22	151.8	F +
Southbound	LT	1.13 0.52	103.6 39.3	F D	LT	1.16 0.52	112.5 39.9	F +	LT L	1.16 0.52	112.5 39.9	F +
Southbound	T	1.19	117.6	F	T	1.25	146.3	-	T	1.25	146.3	
	R	1.19	110.6	F	R	1.10	111.6	F +	R	1.10	111.6	F +
2nd Avenue & East 59th Street	IX	1.10	110.0	<u> </u>	IX	1.10	111.0	-	IX.	1.10	111.0	
Eastbound	L	1.12	80.4	F	L	1.14	89.6	F +	L	1.14	89.6	F +
Lastboaria	TR	0.40	271.5	F	TR	0.40	271.7	F	TR	0.40	271.7	F
Southbound	L	1.08	66.3	E	L	1.08	66.4	Е	L	1.08	66.4	E
	LT	1.30	154.7	F	LT	1.35	179.1	F +	LT	1.35	179.1	F +
2nd Avenue & East 60th Street												
Westbound	LT	0.02	14.2	В	LT	0.02	14.2	В	LT	0.02	14.2	В
Southbound	L	0.05	14.6	В	L	0.05	14.6	В	L	0.05	14.6	В
	T	1.04	83.1	F	T	1.07	81.8	F	T	1.07	81.8	<u>F</u>
MW	R	0.14	16.0	В	R	0.14	16.0	В	R	0.14	16.0	В
Westbound (Bridge Exit)	L T	1.37	200.0	F	L T	1.42	222.7	F +	L T	1.42	222.7	F +
Tunnel Exit Street & East 37th Street		1.26	156.7	Г	-	1.27	159.1	Г		1.27	159.1	Г
Westbound	TR	0.18	8.9	Α	TR	0.18	9.1	Α	TR	0.18	9.1	A
North-Westbound	L	0.10	0.2	A	L	0.10	0.2	A	L	0.10	0.2	A
Worth Westbouria	R	0.70	22.1	C	R	0.74	23.7	C	R	0.74	23.7	C
Tunnel Exit Street & East 39th Street												
Westbound	TR	0.78	69.6	E	TR	0.91	74.6	E +	TR	0.83	73.1	Е
Northbound	LT	0.34	10.2	В	LT	0.37	11.1	В	LT	0.39	14.8	В

	No-Action With		With-	Action w	/ Improv	/ements	I	With N	litigation	ıs				
Intersection & Approach				Delay				Delay				Delay		
(Signalized Intersections)		Movt.	V/C	Sec/	100	Movt.	V/C	Sec/	LOS	Movt.	V/C	Sec/	LO	ς
(Signalized intersections)		WOVE.	Ratio	Veh	LU3	WOVE.	Ratio	Veh	LUS	WOVI.	Ratio	Veh	LO	٦
Toward Full Charlet 0 Foot 40th Charlet				VCII				VCII				VCII		
Tunnel Exit Street & East 40th Street	Ale a consul	1.7	0.07	100.7	-	1.7	1.07	1040	-	17	1.07	00.4	_	
	tbound		0.97	100.7	F	LT	1.07	104.2	F +	LT	1.07	99.4	F	
	nbound	TR	0.23	13.4	В	TR	0.27	12.9	В	TR	0.27	11.8	В	
3rd Avenue & East 36th Street			1.00	0//	_		4.40	4040	-		4.40	400.0	_	
	tbound	LT	1.09	86.6	F	LT	1.19	124.0	F +	LT	1.19	123.3	F	+
North	nbound	TR	0.83	33.0	С	TR	0.88	51.8	D +	TR	0.88	51.8	D	+
3rd Avenue & East 37th Street		R	1.06	117.6	F	R	1.12	136.7	F +	R	1.12	136.7	F	+
	tbound	TR	0.65	17.1	В	TR	0.70	18.4	В	TR	0.70	18.4	В	
Wes	ibouriu	R	0.90	85.6	F	R	1.10	133.1	F +	R	1.10	133.1	F	-
North	abound	LT	0.90	65.2	E	LT	1.05	65.8	E	LT	1.05	65.8	E	+
3rd Avenue & East 38th Street	nbound	LI	0.97	03.2	C	LI	1.00	03.8	E	LI	1.00	03.8	Ľ	-
	tbound	LT	0.35	31.8	С	LT	0.42	32.3	С	LT	0.42	32.9	С	
	nbound	T	0.35	65.8	E	T	1.07	65.1	E	T	1.07	64.4	E	_
NOITI	ibouliu	R	0.98	13.4	В	R	0.61	12.9	В	R	0.61	12.9	В	
3rd Avenue & East 39th Street		۱۱	0.07	13.4	U	1\	0.01	12.7	U	IV.	0.01	14.7	ט	
	tbound	Т	1.62	306.1	F	T	1.76	368.4	F +	Т	1.76	369.4	F	††
Wes	ouriu	R	1.17	132.1	F	R	1.31	182.1	F +	R	1.31	184.7	F	††
North	nbound	- 11	1.17	102.1	Ė	- '`	1.01	102.1	· ·	L	1.01	47.4	D	- 11
TVOIT	ibouriu	LT	1.23	124.4	F	LT	1.38	192.6	F +	T	1.21	113.4	F	
3rd Avenue & East 40th Street			1.20	12 1. 1	Ė		1.00	172.0			1.21	110.1	•	
	tbound	LT	0.92	89.1	F		0.76	39.5	D		0.91	48.1	D	
						T	0.79	94.1	F	T	0.92	95.3	F	
North	nbound	T	1.16	89.9	F	T	1.29	153.3	F +	Т	1.16	85.0	F	
1		R	0.71	101.5	F	R	0.76	101.9	F	R	0.66	88.7	F	
3rd Avenue & East 41st Street														
Eas	tbound	LT	0.70	61.5	Ε	LT	0.21	30.9	С	LT	0.25	35.5	D	
Wes	tbound	R	1.05	108.7	F	R	1.07	106.6	F	R	1.34	210.0	F	†
North	nbound	T	1.10	64.6	Ε	T	1.30	157.6	F +	T	1.13	76.2	Е	+
		R	0.31	12.7	В	R	0.41	14.0	В	R	0.36	10.8	В	
3rd Avenue & East 42nd Street														
Eas	tbound	L	1.04	72.7	Ε	L	1.15	109.4	F +	L	1.15	109.4	F	+
		T	1.11	77.3	Ε	T	1.12	79.4	E	T	1.12	79.3	Ε	
Wes	tbound	T	0.91	42.2	D	T	0.91	42.4	D	T	0.91	42.4	D	
		R	1.19	131.0	F	R	1.30	174.9	F +	R	1.30	174.9	F	+
North	nbound	LT	1.18	107.0	F	L	1.34	180.8	F	L	1.34	181.6	F	
						T	1.01	70.9	E	T	1.01	72.2	E	
0.14		R	0.46	22.8	С	R	0.52	23.5	С	R	0.52	24.8	С	
3rd Avenue & East 43rd Street	Ale es	T.D.	0.54	20.4	_	Τ.	101	140 5	<u> </u>	Τ.	10/	140.5	_	
Wes	tbound	TR	0.51	20.4	С	TR	1.26	142.5	F +	TR	1.26	142.5	F	+
N1	ahou a d	R	0.56	22.2	С	1.7	111	70.1	-	I.T.	114	77.0	Г	
	nbound	LT	1.03	59.1	Е	LT	1.14	78.1	E +	LT	1.14	77.8	E	+
3rd Avenue & East 44th Street	thouse	LT	0.21	27.1	С	LT	0.22	27.4	С	LT	0.36	29.2	С	_
	tbound nbound		0.31	65.3	E	T	0.33 1.07	27.4 63.7	E	T		47.1		-
NOITI	ibouliu	R	1.04	65.5	E	R	2.88	865.4	F +	R	1.00 2.36	629.6	D F	+
3rd Avenue & East 45th Street		11	1.04	00.0	_	- 1\	2.00	000.4	· · ·		2.50	027.0		
	tbound	Т	1.09	85.7	F	Т	0.98	48.0	D	Т	1.05	90.6	F	†
Wes		R	0.76	58.6	E	R	1.21	151.2	F +	R	1.54	311.2	F	††
North	nbound					Ĺ	1.01	46.5	D	L	0.91	39.6	D	
Tion a		LT	1.09	68.6	Е	T	0.98	63.2	E	Ť	0.91	46.9	D	
3rd Avenue & East 46th Street														
	tbound	L	0.55	38.4	D	L	0.64	45.6	D +	L	0.68	47.7	D	††
1		T	0.36	12.0	В	T	0.38	13.0	В	T	0.38	12.7	В	
North	nbound	T	1.01	65.0	E	T	1.12	75.8	E +	Т	1.09	69.6	E	+
		R	0.55	19.3	В	R	0.68	23.2	С	R	0.65	23.2	С	
										_				_

R			No-A	ction		With-	Action w	/ Improv	/ements		With M	litigation	1S	
Westbound T 1.22 135.0 F T 1.34 180.0 F T 1.44 227.6 F T 1.44 227.6 F T 1.45		Movt.		Sec/	LOS	Movt.		Sec/	LOS	Movt.		Sec/	LOS	5
R	3rd Avenue & East 47th Street													
Northbound T 113 32.5 F T 1.05 13.9 F T 1.13 35.8 T 36.2 T 37.3 37.3 T 3	Westbound													††
The color of the		R	0.57	19.1	В									
State	Northbound	LT	1 1 2	02.5	г	L				L				_
Eastbound Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound Ray Side Ray Northbound	3rd Avanua & Fast 18th Street	LI	1.13	82.5	ŀ		1.05	00.3	E		0.97	30.2	D	-
Northbound Rast Store Northbound Rast Store Ras			0.25	19.2	В	1	0.29	19.9	В		0.32	22.5	С	
R						T				T				
Mesibound Northbound T 103 69.4 E T 108 86.1 F + T 1.16 17.8 F T 1.06 7.0 T 1.06 7.0 T 1.06 7.0 T 1.06 7.0 T 1.06 7.0 T 1.06 7.0 T 1.0 7.0 T 1.0	Northbound	Т	0.99	63.7	Ε	T	1.06	65.8		Т	0.98	32.2	С	
Westbound R 10.3 69.4 E T 1.08 86.1 F + T T 1.16 11.78 F T 1.06 T T T T T T T T T		R	0.68	21.5	С	R	0.84	26.4	С	R	0.75	26.0	С	
Northbound R		_	1.00	(0.4	_	_	1.00	0/ 1	-	_	11/	117.0	_	11
Northbound L	Westbound													
Signar S	Northhound	K	0.30	42.4	U	I I								_
State Continue C	Northbound	LT	1.05	71.9	Е	T								
Northbound	3rd Avenue & East 50th Street			T	Ē							23.0		\neg
Northbound T	Eastbound		0.26			_					0.29			
Sind Avenue & East 51st Street Westbound T 0.77 24.4 C T 0.78 24.2 C T 0.78 24.2 C C T 0.78 24.2 C C T 0.78 24.2 C C T 0.78 24.2 C C T 0.78 24.2 C C T 0.78 24.2 T 0.78 24.2 T 0.78 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78 24.2 T 0.78														
Northbound T	Northbound													##
Westbound Rasibound Rasi	2rd Avenue 9 Fact F1ct Street	R	1.07	/0.6	Ŀ	R	1.10	97.3	F +	R	1.10	105.8	F ·	##
Northbound		Т	0.77	24.4	C	Т	0.79	24.2	C	т	0.79	24.2	C	_
Northbound	Westbourid													
Strong Northbound CT 1.16 92.5 F T 1.00 64.1 E T 1.00 51.7 D	Northbound	- 1	0.00	17.0		L				L				+
Eastbound		LT	1.16	92.5	F	T	1.00	64.1	Е	Т			D	
Northbound														
R										LT				
Arrivative Arrivation Arr	Northbound													
Westbound	2rd Avanua & East E2rd Street	R	1.05	61.4	Ŀ	R	1.17	122.5	F +	R	0.94	48.5	D	_
R		Т	1.07	79.5	F	Т	1 16	111.8	F ±	Т	1 25	150 4	F	††
Northbound LT 1.07 68.9 E LT 1.15 91.9 F LT 1.06 66.8 E STG Avenue & East 54th Street Eastbound L 0.87 55.8 E L 1.00 85.3 F + L 1.02 159.8 F T 1.05 1.	Westbound													††
Eastbound Color	Northbound													
Northbound T 0.56 19.9 B T 0.58 21.4 C T 0.63 25.1 C	3rd Avenue & East 54th Street													
Northbound T 1.04 76.9 E T 1.11 82.2 F + T 1.02 72.0 E	Eastbound					_								††
R 0.72 33.3 C R 0.79 35.2 D R 0.71 29.0 C 3rd Avenue & East 55th Street Westbound T 1.03 70.2 E T 1.10 87.2 F + T 1.20 127.8 F T R 0.95 68.1 E R 1.01 79.3 E + R 1.13 118.7 F T LT 1.14 84.2 F T 1.07 68.1 E T 0.98 40.7 D 3rd Avenue & East 56th Street Fastbound (West Side) LT 0.86 51.5 D LT 0.87 51.7 D LT 0.95 79.2 E T Northbound (West Side) LT 0.96 39.7 D LT 0.98 43.4 D LT 1.08 70.7 E T Northbound (West Side) TR 0.54 14.2 B TR 0.56 14.2 B TR 0.52 12.6 B 3rd Avenue & East 57th Street Eastbound (West Side) LT 1.08 111.7 F LT 1.11 114.2 F LT 1.11 114.2 F Westbound (West Side) LT 0.97 27.5 C TR 0.97 27.6 C TR 0.97 27.6 C Northbound (West Side) TR 0.93 64.2 E T 0.93 64.0 E T 0.93 64.0 E R 0.76 20.4 C R 0.77 20.4 C R 0.77 20.4 C Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D	N. III													
3rd Avenue & East 55th Street T 1.03 70.2 E T 1.10 87.2 F + T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 127.8 F T T 1.20 T	Northbound													
Mestbound T 1.03 70.2 E T 1.10 87.2 F T 1.20 127.8 F T R 0.95 68.1 E R 1.01 79.3 E + R 1.13 118.7 F T 1.10 R R R R R R R R R	3rd Avenue & Fast 55th Street	K	0.72	33.3	C	K	0.79	33.2	D	K	0.71	29.0	C	-
R 0.95 68.1 E R 1.01 79.3 E + R 1.13 118.7 F T 1.14 84.2 F T 1.07 68.1 E T 0.98 40.7 D 37d Avenue & East 56th Street		Т	1.03	70.2	Е	Т	1.10	87.2	F +	Т	1.20	127.8	F	††
LT 1.14 84.2 F T 1.07 68.1 E T 0.98 40.7 D						R								††
3rd Avenue & East 56th Street LT 0.86 51.5 D LT 0.87 51.7 D LT 0.95 79.2 E 1 Northbound (West Side) T 1.14 83.3 F T 1.22 121.5 F + T 1.14 84.6 F Eastbound (East Side) LT 0.96 39.7 D LT 0.98 43.4 D LT 1.08 70.7 E 1 Northbound (East Side) TR 0.54 14.2 B TR 0.56 14.2 B TR 0.52 12.6 B 3rd Avenue & East 57th Street S S S S S S S TR 0.56 12.3 B TR 0.52 12.6 B Eastbound (West Side) LT 1.08 111.7 F LT 1.11 114.2 F LT 1.11 114.2 F Westbound (West Side) LT	Northbound					L	0.78	19.3		L	0.67	14.0	В	
Eastbound (West Side) LT 0.86 51.5 D LT 0.87 51.7 D LT 0.95 79.2 E 1 Northbound (West Side) T 1.14 83.3 F T 1.22 121.5 F + T 1.14 84.6 F Eastbound (East Side) LT 0.96 39.7 D LT 0.98 43.4 D LT 1.08 70.7 E 1 Northbound (East Side) TR 0.54 14.2 B TR 0.56 14.2 B TR 0.52 12.6 B 3rd Avenue & East 57th Street Street		LT	1.14	84.2	F	T	1.07	68.1	Е	Т	0.98	40.7	D	
Northbound (West Side) T 1.14 83.3 F T 1.22 121.5 F + T 1.14 84.6 F		1.7	0.07	F4 F	-		0.07	54.7			0.05	70.0	_	_
Eastbound (East Side) LT 0.96 39.7 D LT 0.98 43.4 D LT 1.08 70.7 E 1 Northbound (East Side) TR 0.54 14.2 B TR 0.56 14.2 B TR 0.52 12.6 B 3rd Avenue & East 57th Street Teastbound (West Side) LT 1.08 111.7 F LT 1.11 114.2 F LT 1.1														†
Northbound (East Side) TR 0.54 14.2 B TR 0.56 14.2 B TR 0.52 12.6 B														†
3rd Avenue & East 57th Street L														-
Eastbound (West Side) LT 1.08 111.7 F LT 1.11 114.2 F LT 1.11 114.2 F Westbound (West Side) TR 0.97 27.5 C TR 0.97 27.6 C TR 0.97 27.6 C Northbound (West Side) LT 1.01 38.5 D LT 1.07 64.3 E + LT 1.03 54.9 D + Eastbound (East Side) T 0.65 12.3 B T 0.67 12.5 B T 0.67 12.5 B Westbound (East Side) T 0.93 64.2 E T 0.93 64.0 E T 0.93 64.0 E R 0.76 20.4 C R 0.77 2	`						2.00			· · · ·				
Northbound (West Side) LT 1.01 38.5 D LT 1.07 64.3 E + LT 1.03 54.9 D + Eastbound (East Side) T 0.65 12.3 B T 0.67 12.5 B T 0.67 12.5 B Westbound (East Side) T 0.93 64.2 E T 0.93 64.0 E T 0.93 64.0 E T 0.93 64.0 E Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D	Eastbound (West Side)	LT	1.08		F	LT	1.11	114.2	F	LT	1.11	114.2	F	
Eastbound (East Side) T 0.65 12.3 B T 0.67 12.5 B T 0.67 12.5 B Westbound (East Side) T 0.93 64.2 E T 0.93 64.0 E T 0.93 64.0 E R 0.76 20.4 C R 0.77 20.4 C R 0.77 20.4 C Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D														
Westbound (East Side) T 0.93 64.2 E T 0.93 64.0 E T 0.93 64.0 E R 0.76 20.4 C R 0.77 20.4 C R 0.77 20.4 C Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D	,									_				+
R 0.76 20.4 C R 0.77 20.4 C R 0.77 20.4 C Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D														
Northbound (East Side) TR 0.83 42.6 D TR 0.83 42.2 D TR 0.83 44.4 D	wesidouria (East Side)													-
	Northbound (Fast Side)													
		R	0.33	26.4	С	R	0.33	26.4	C	R	0.33	28.0	С	

	No-Action W				With-	Action w	/ Improv	rements		With M	litigation	S
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
3rd Avenue & East 59th Street												
Eastbound	LT	0.97	52.2	D	LT	0.98	53.5	D	LT	0.98	53.5	D
Northbound	T R	0.72 1.15	9.3 108.8	A F	T R	0.75 1.18	9.6 121.0	A F +	T R	0.75 1.18	9.6 121.1	A F +
Lexington Avenue & East 36th Street	П	1.10	100.0	Г	П	1.10	121.0	Г +	П	1.10	121.1	F +
Eastbound	TR	0.64	54.8	D	TR	0.68	55.9	Е	TR	0.70	57.6	E
Southbound	LT	1.10	60.8	Ε	LT	1.12	72.7	E +	LT	1.10	60.0	E
Lexington Avenue & East 38th Street												
Eastbound	T	0.44	38.2	D	T	0.55	38.0	D	T	0.54	36.8	D
Southbound	R	0.97	111.5 1.2	F A	R	1.01 0.15	116.6 1.2	F +	R	0.94	97.0 2.1	F A
Southbound	T	1.11	57.6	E	T	1.13	68.3	E +	T	1.11	59.0	E
Lexington Avenue & East 39th Street			07.0				00.0				0710	
Westbound	L	1.14	107.1	F	L	1.20	130.8	F +	L	1.20	130.7	F +
	T	1.78	372.5	F	T	1.98	458.6	F +	T	1.98	458.5	F +
Southbound	I	1.10	66.6	E	T	1.13	77.1	E +	T	1.13	77.1	E +
Lexington Avenue & East 40th Street	R	0.88	29.7	С	R	1.02	54.5	D +	R	1.02	54.5	D +
Fastbound	Т	0.96	32.7	С	Т	1.46	233.9	F +	Т	1.46	233.9	F +
Lasiboana	R	1.09	87.2	F	R	1.10	91.2	F +	R	1.10	91.2	F +
Southbound					L	0.41	10.2	В	L	0.41	10.2	В
	LT	1.20	108.8	F	T	1.12	75.3	Е	T	1.12	75.3	E
Lexington Avenue & East 42nd Street	_	0.00	27.2	0	_	0.07	20.2	-	-	0.07	20.2	
Eastbound	T R	0.92	27.3 12.7	C B	T R	0.96	38.3 12.2	D B	T R	0.96	38.3 12.2	D B
Westbound	LT	1.09	70.2	E	LT	1.10	71.6	E	LT	1.10	71.7	E
Southbound	L	0.68	20.4	C	L	0.70	20.9	C	L	0.70	20.8	C
	Т	1.12	76.9	Ε	T	1.15	91.2	F +	T	1.15	91.0	F +
	R	1.19	114.8	F	R	1.29	158.9	F +	R	1.29	158.8	F +
Lexington Avenue & East 44th Street		4.4.	00.4	-		4.00	447.0	-		4.45	05.7	
Southbound Lexington Avenue & East 45th Street	LT	1.16	90.4	F	LT	1.22	117.8	F +	LT	1.15	85.7	F
Westbound	L	0.68	28.3	С	1	0.70	32.1	С		0.82	39.7	D
Westboard	T	0.83	30.1	С	T	0.76	30.9	C	T	0.87	37.4	D
Southbound	T	1.04	61.6	Ε	T	1.08	66.8	E +	T	1.00	64.6	Е
	R	0.80	20.2	С	R	0.89	39.3	D	R	0.80	27.5	С
Lexington Avenue & East 46th Street	-	0.77	53.5	-	-	0.70	FO /	-	-	0.70	(4.0	
Eastbound	T R	0.67	57.5	E E	T R	0.73	58.6 60.4	E E	T R	0.79	61.0 63.4	E E
Southbound	П	0.00	61.6	Е	L	0.09	4.5	A	L	0.74	1.8	A
Southboard	LT	1.09	60.0	Е	T	1.02	55.9	E	T	0.98	30.8	C
Lexington Avenue & East 47th Street												
Westbound		0.80	37.3	D	L	0.85	40.6	D	L	0.85	40.6	D
Court	T	0.77		В	T	0.95	25.3	С	T	0.95	25.1	С
Southbound	T R	1.04	64.0 47.6	E D	T R	1.08	65.1 195.6	E F +	T R	1.08	65.1 195.7	E F +
Lexington Avenue & East 48th Street	71	1.01	47.0	U	71	1.30	170.0	1 +	71	1.30	170.7	1 +
Eastbound	Т	0.68	35.3	D	Т	0.79	39.6	D	Т	0.79	39.7	D
	R	0.98	99.7	F	R	1.06	117.8	F +	R	1.06	117.8	F +
					L	0.92	27.1	С	L	0.92	27.1	С
Southbound	LT	1.13	82.1	F	T	1.00	60.1	E	T	1.00	60.1	E
Lexington Avenue & East 49th Street	<u> </u>	0.40	217			0.50	27.4	D		0.50	20 0	D
Westbound	L T	0.49	34.7 30.8	C	L T	0.59	37.6 31.1	D C	L T	0.59	38.8	D C
Southbound	T	1.02	59.1	E	T	1.08	61.4	E	T	1.08	61.4	E
	R	0.63	16.6	В	R	0.84	23.9	C	R	0.84	23.9	C
Lexington Avenue & East 50th Street												
Eastbound	TR	1.01	56.8	Ε	TR	1.06	77.2	E +	TR	1.06	77.2	E +
Southbound		1 24	124.0	Г	L	3.00	918.3	F +	L	3.00	918.4	F ##
	LT	1.24	126.8	F		1.07	62.8	E		1.07	63.4	E

	No-Action V					Action w	// Improv	rements		With N	litigation	ıs
Intersection & Approach		V/C	Delay			V/C	Delay			V/C	Delay	
(Signalized Intersections)	Movt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS
Lexington Avenue & East 51st Street												
Westbound	L	0.65	45.1	D	L	0.66	40.2	D	L	0.71	42.0	D
	T	0.52	21.7	С	T	0.53	20.7	С	T	0.54	21.4	С
Southbound	T	1.04	60.7	E	T	1.11	66.8	E +	T	1.08	61.3	E
Lexington Avenue & East 52nd Street	R	0.61	13.3	В	R	0.65	14.5	В	R	0.62	12.5	В
Eastbound	Т	0.57	20.2	С	Т	0.59	21.0	С	Т	0.59	21.0	С
	R	0.80	52.3	D	R	0.80	55.4	E	R	0.80	55.4	E
Southbound					L	0.78	20.6	С	L	0.78	20.5	С
	LT	1.17	97.7	F	T	1.10	64.0	Е	T	1.10	63.9	Е
Lexington Avenue & East 53rd Street Westbound	L	0.52	16.1	В	_	0.56	16.1	В	L	0.56	15.2	В
Westboulid	T	1.11	77.3	E	T	1.21	120.2	F +	T	1.21	119.4	F +
Southbound	Ť	1.23	124.7	F	Ť	1.31	163.8	F +	T	1.31	162.1	F +
	R	0.89	96.4	F	R	0.96	104.9	F +	R	0.96	98.6	F
Lexington Avenue & East 54th Street												
Eastbound	I	0.95	36.7	D	Ţ	1.04	55.6	E +	Ţ	0.98	37.4	D
Southbound	R	0.47	12.5	В	R	0.49	12.2 7.0	B A	R L	0.45	10.9 9.3	B A
Southbound	LT	1.07	60.9	Е	T	0.37	57.7	E	T	1.04	62.5	E
Lexington Avenue & East 55th Street		1.07	00.7			0.77	07.7		<u> </u>	1.01	02.0	
Westbound	L	0.77	34.8	С	L	0.81	42.9	D	L	0.81	35.6	D
	Т	0.64	15.6	В	Т	0.64	17.4	В	T	0.64	15.1	В
Southbound	T	1.15	87.7	F	T	1.23	123.4	F +	T	1.23	125.3	F ##
Lexington Avenue & East 56th Street	R	0.34	12.2	В	R	0.35	12.3	В	R	0.35	14.4	В
Eastbound	Т	0.55	16.2	В	Т	0.56	16.0	В	Т	0.60	19.2	В
Edobbana	R	0.77	55.4	E	R	0.77	57.7	E	R	0.77	57.7	E
Southbound	LT	1.17	103.5	F	LT	1.24	137.2	F +	LT	1.15	93.8	F
Lexington Avenue & East 57th Street												
Eastbound	T	0.90	26.9	С	T	0.93	28.7	С	T	0.93	28.7	С
Westbound	R LT	0.79	81.4 53.7	F D	R LT	0.84	90.5 53.3	F +	R LT	0.84	77.2 53.8	E D
Southbound	LT	1.12	91.8	F	LT	1.20	123.8	F +	LT	1.20	123.8	F +
	R	0.23	16.5	В	R	0.23	16.6	В	R	0.23	16.6	В
Park Avenue & East 36th Street												
Eastbound (West Side)	TR	0.59	24.9	С	TR	0.61	25.5	С	TR	0.61	25.5	С
Southbound (West Side)	LT	0.78	12.9	В	LT	0.79	13.4	В	LT	0.79	13.4	В
Eastbound (East Side) Northbound (East Side)	LT TR	0.53	9.1 16.4	A B	LT TR	0.56	9.7 16.5	A B	LT TR	0.56	9.7 16.5	A B
Park Avenue & East 38th Street	- 11	0.77	10.7	٥	- 11	0.00	10.0		- 11	0.00	10.0	
Eastbound (West Side)	TR	0.60	25.2	С	TR	0.64	26.0	С	TR	0.64	26.0	С
Southbound (West Side)	LT	0.93	23.7	С	LT	0.94	26.5	С	LT	0.94	26.5	С
Eastbound (East Side)		0.34	8.9	A	L	0.35	9.1	A	L	0.35	9.1	A
Eastbound (East Side) Northbound (East Side)	TR	0.34	7.2 11.5	A B	TR	0.37	7.3 12.3	A B	T TR	0.37	7.3 12.3	A B
Park Avenue & East 39th Street	IIX	0.72	11.3	В	IIX	0.74	12.3	В	HX	0.74	12.3	Ь
Westbound (East Side)	TR	1.54	262.3	F	TR	1.71	342.6	F +	TR	1.71	342.6	F +
Northbound (East Side)	LT	0.63	74.5	Ε	LT	0.62	74.1	E	LT	0.62	74.1	E
Westbound (West Side)	LT	1.39	200.1	F	LT	1.58	286.2	F +	LT	1.58	286.2	F +
Southbound (West Side)	T	0.70	68.9	E	T	0.71	71.2	E	Ţ	0.71	71.2	E
Park Avenue & East 40th Street	R	1.12	90.9	F	R	1.17	109.5	F +	R	1.17	109.5	F +
Eastbound (West Side)	TR	1.12	115.8	F	TR	1.45	247.0	F +	TR	1.45	247.0	F +
Southbound (West Side)	T	1.15	102.6	F	T	3.14	986.1	F +	T	3.14	986.1	F +
Eastbound (Tunnel Exit)	LT	1.15	100.6	F	LT	1.43	217.3	F +	LT	1.43	217.3	F +
Northbound (Tunnel Exit)	T	0.81	15.3	В	T	0.83	16.4	В	T	0.83	16.4	В
Eastbound(East Side)	LT	1.29	153.7	F	T	1.40	203.9	F +	Ţ	1.40	203.9	F +
Northbound(East Side)	TR	0.99	52.8	D	R	1.40	215.3	F +	R	1.40	215.3	F +

	No-Action V				With-	Action w	// Improv	/ements		With M	litigation	ns .
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
Park Avenue & East 46th Street												
Eastbound (West Side)	T	0.36	23.9	С	T	0.40	26.7	С	T	0.40	26.7	С
	R	0.29	27.6	С	R	0.30	27.7	С	R	0.30	27.7	С
Southbound (West Side)	L	0.46	26.2	С	L	0.47	28.5	С	L	0.47	28.5	С
	T	1.08	69.8	Ε	T	1.10	73.0	E	T	1.10	73.0	E
Eastbound (East Side)	L	0.49	21.3	С	L	0.62	26.7	С	L	0.62	26.7	С
N #1 1/5 (CIT)	T	0.81	28.1	C	T	0.86	31.6	C	T	0.86	31.6	С
Northbound (East Side) Park Avenue & East 47th Street	T	0.79	26.5	С	T	0.82	28.2	С	T	0.82	28.2	С
Westbound (East Side)	T	0.88	32.3	С	Т	1.09	70.3	E +	Т	1.09	70.4	E ##
Westbourid (East Side)	R	0.43	16.9	В	R	0.51	16.4	В	R	0.51	16.4	В
Northbound (East Side)	L	0.12	11.6	В	L	0.14	261.5	F +	L	0.14	261.5	F +
(======================================	T	0.87	15.3	В	T	0.91	61.9	E +	T	0.91	61.9	E +
Westbound (West Side)	LT	0.97	36.4	D	LT	1.19	107.2	F +	LT	1.19	107.2	F +
Southbound (West Side)					Т	0.89	55.8	Ε	T	0.89	55.8	E
	TR	0.99	60.0	Ε	R	2.07	500.3	F +	R	2.07	500.3	F +
Park Avenue & East 48th Street												
Eastbound (West Side)	T	0.58	21.8	С	T	0.61	22.4	С	T	0.61	22.2	С
Couthhau and Allast Cida	R	0.26	15.5	В	R	0.27	15.3	B F +	R	0.27	15.3 119.5	B F +
Southbound (West Side)	L T	0.38	101.6 96.2	F	L T	0.43 1.20	119.5 105.2		L	0.43 1.20	105.2	F +
Eastbound (East Side)	LT	0.81	30.1	С	LT	0.87	36.6	F +	LT	0.87	36.6	D +
Northbound (East Side)	LI	0.01	30.1	C	T	1.29	154.2	F +	T	1.29	154.2	F +
TVOTTIBOGITA (Edist Olde)	TR	0.95	31.9	С	R	0.74	28.6	C	R	0.74	28.6	C
Park Avenue & East 49th Street												
Westbound (East Side)	T	0.98	55.9	Ε	T	1.08	85.8	F +	T	1.08	83.2	F +
	R	0.59	26.9	С	R	0.65	30.7	С	R	0.65	27.9	С
Northbound (East Side)	L	0.19	13.4	В	L	0.21	15.1	В	L	0.21	15.1	В
	T	0.98	37.1	D	T	1.00	58.9	E +	T	1.00	58.9	E +
Westbound (West Side)	LT	1.07	58.4	Ε	LT	1.18	100.2	F +	LT	1.18	100.2	F +
Southbound (West Side)	TR	0.98	56.9	Е	T R	1.34 0.28	177.3 9.9	F +	T R	1.34 0.28	177.3 9.9	F +
Park Avenue & East 50th Street	IK	0.96	30.9	Е	K	0.26	9.9	А	K	0.26	9.9	А
Eastbound (West Side)	Т	0.70	19.0	В	Т	0.73	19.4	В	Т	0.73	19.4	В
Edstaduna (West Side)	R	0.30	13.1	В	R	0.32	13.0	В	R	0.32	13.0	В
Southbound (West Side)	L	0.17	82.3	F	L	0.17	83.7	F	L	0.17	83.7	F
	T	0.96	45.0	D	T	0.98	57.2	E +	T	0.98	57.2	E +
Eastbound (East Side)	LT	0.92	36.4	D	LT	0.96	41.3	D	LT	0.96	41.3	D
Northbound (East Side)					T	1.34	171.7	F +	T	1.34	171.7	F +
D A 0 5 151 10 1	TR	0.98	33.2	С	R	0.39	7.9	Α	R	0.39	7.8	A
Park Avenue & East 51st Street	_	0.70	25.4	-	_	0.70	25.4	C	-	0.70	247	C
Westbound (East Side)	T R	0.70	25.4 42.5	C D	T R	0.70	25.4 45.1	C D	T R	0.70	24.7 44.4	C D
Northbound (East Side)	L	0.03	32.5	С	L	0.14	32.5	С	L	0.14	32.5	С
Worthbound (East Side)	T	0.92	31.1	C	T	0.95	59.9	E +		0.95	59.9	E +
Westbound (West Side)	LT	0.87	28.3	C	LT	0.87	28.8	C	LT	0.87	28.8	C
Southbound (West Side)	Т	0.82	23.3	С	Т	1.26	134.2	F +	T	1.26	134.2	F +
, ,	R	1.10	78.6	Ε	R	1.32	169.3	F +	R	1.32	169.3	F +
Park Avenue & East 52nd Street												
Eastbound (West Side)	TR	0.79	25.5	С	TR	0.81	26.4	С	TR	0.81	26.4	С
Southbound (West Side)	L	0.16	89.3	F	L	0.17	155.2	F +	L	0.17	155.2	F +
F#	T	1.15	86.2	F	T	1.18	98.7	F +	T	1.18	98.7	F +
Eastbound (East Side) Northbound (East Side)	LT	0.83	22.9	С	LT	0.86	25.6	C	LT	0.86	25.6	C
Northbourid (East Side)	TR	0.95	24.9	С	T R	1.27 0.43	142.3 9.2	F +	T R	1.27 0.43	142.3 9.2	F +
	711	0.70	24.7	U	71	0.43	7.2	А	Λ.	0.43	7.2	М

	l	No-A	ction		With-	Action w	// Improv	/ements		With N	litigation	1S
Intersection & Approach			Delay				Delay				Delay	
(Signalized Intersections)	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/	LOS
Dord Assessed & Food F2ad Charlet			Veh				ven				Veh	
Park Avenue & East 53rd Street Westbound (East Side)	Т	1.13	87.7	F	T	1.21	120.8	F +	Т	1.21	121.0	F ##
westbound (East Side)	R	1.13	57.0	E	R	1.21	80.9	-	R	1.21	81.0	
Northbound (East Side)	L	0.17	15.4	В	L	0.18	16.7	F +	I	0.18	16.7	F +
Northbound (Last Side)	T	0.17	25.8	C	Ţ	0.10	61.1	E +	T	0.10	61.1	E +
Westbound (West Side)	LT	1.07	52.5	D	LT	1.14	78.1	E +	LT	1.14	78.1	E +
Southbound (West Side)		1107	02.0		Ţ	1.40	198.3	F +	T	1.40	198.3	F +
,	TR	1.05	59.5	Е	R	0.74	14.7	В	R	0.74	14.7	В
Park Avenue & East 54th Street												
Eastbound (West Side)	TR	0.88	29.5	С	TR	0.94	35.4	D	TR	0.94	38.6	D
Southbound (West Side)	L	0.31	12.8	В	L	0.31	13.3	В	L	0.31	13.6	В
	T	1.16	87.0	F	T	1.18	97.5	F +	T	1.18	97.5	F +
Eastbound (East Side)		0.33	10.6	В	L	0.33	10.1	В	L	0.33	10.9	В
	T	0.94	35.1	D	T	1.02	50.0	D +	T	1.02	51.1	D ##
Northbound (East Side)	T	0.84	17.4	В	T	1.29	151.7	F +	T	1.29	151.7	F +
D 1.4	R	0.60	15.4	В	R	0.65	16.9	В	R	0.65	16.9	В
Park Avenue & East 55th Street	Τ.	0.07	70.0	_	Τ.	0.07	70 5	_	Τ.	0.07	70 5	_
Westbound (East Side)	TR	0.96	72.3	E	TR	0.97	73.5	E	TR	0.97	73.5	E
Northbound (East Side)	L	0.21	550.1	F	L	0.21	685.3	F +	L	0.21	685.3	F +
Maathauad Maat Cida)	T LT	1.05	69.3 29.5	E C	T LT	1.07 0.92	62.4 29.9	E C	T LT	1.07	62.4 29.9	E C
Westbound (West Side) Southbound (West Side)		0.91	_			1.51			T	0.92	248.7	
Southbound (west side)	T R	0.98	52.6 15.1	D B	T R	0.55	248.7 14.0	F +	R	0.55	14.0	F +
Park Avenue & East 56th Street	П	0.55	13.1	D	Л	0.55	14.0	D	Л	0.55	14.0	В
Eastbound (West Side)	TR	0.71	28.8	С	TR	0.72	30.8	С	TR	0.72	30.8	С
Southbound (West Side)	L	0.14	93.3	F	L	0.14	155.4	F +	L	0.14	155.4	F +
	T	1.03	65.6	E	T	1.06	66.4	Е	T	1.06	66.4	E
Eastbound (East Side)	LT	0.64	14.7	В	LT	0.65	15.0	В	LT	0.65	15.0	В
Northbound (East Side)					T	1.30	151.9	F +	T	1.30	151.9	F +
	TR	1.00	43.3	D	R	0.50	7.0	Α	R	0.50	7.0	Α
Park Avenue & East 57th Street												
Eastbound (West Side)		0.72	32.4	С	Τ	0.75	33.5	С	Τ	0.75	33.5	С
	R	0.59	31.4	С	R	0.62	31.6	С	R	0.62	31.6	С
Westbound (West Side)	T	1.07	60.8	Ε	T	1.07	61.5	E	Т	1.07	61.5	Е
Southbound (West Side)	LTR	0.89	77.7	E	LTR	0.91	78.7	E	LTR	0.91	78.7	E
Eastbound (East Side)	LT	1.13	92.7	F	LT	1.17	109.7	F +	LT	1.17	109.7	F +
Westbound (East Side)	T	0.75	44.0	D	T	0.76	44.0	D	T	0.76	44.0	D
Northbound (Foot Cido)	R	0.60	40.8	D F	R	0.61	40.9 686.2	D F +	R	0.61	40.9 686.2	D F +
Northbound (East Side)	L T	0.18	400.0 29.8	С	L T	0.18	60.4	F +	L	0.18	60.4	F +
	R	0.94	11.9	В	R	0.97	11.6	В +	R	0.97	11.6	В +
Madison Avenue & East 39th Street	71	0.20	11.7	D	71	0.20	11.0	D	71	0.20	11.0	ט
Westbound	Т	1.22	121.3	F	Т	1.27	147.2	F +	Т	1.27	147.2	F +
Westbouriu	R	1.01	66.2	E	R	1.33	187.4	F +	R	1.33	187.4	F +
Northbound		1.08	85.5	F	LT	1.12	95.8	F +	LT	1.12	95.8	F +
Madison Avenue & East 40th Street												
Eastbound	L	0.86	46.5	D	L	1.04	75.7	E +	L	1.04	75.7	E +
	T	0.80	25.0	С	Τ	1.04	51.2	D +	T	1.04	51.2	D +
Northbound					Т	1.63	306.4	F +	Т	1.63	306.4	F +
	TR	1.13	76.9	Ε	R	0.46	9.1	Α	R	0.46	9.1	Α
Madison Avenue & East 41st Street												
Eastbound	L	0.45	50.9	D								
	T	0.27	29.1	С	LT	0.79	50.0	D +	LT	0.79	50.0	D +
Northbound		4	00.0	_	T	1.61	293.3	F +	T	1.61	293.3	F +
Madian Assess 0 Fact 10 101	TR	1.14	80.0	E	R	0.74	13.8	В	R	0.74	13.8	В
Madison Avenue & East 42nd Street	1.7	1.50	2512	-		1.50	202 (_	1.7	1.50	200.4	-
Eastbound	LT	1.50	254.2	F	LT	1.58	288.4	F +	LT	1.58	288.1	F +
Westbound		1.52	257.6	F	T	1.53	264.2	F +	T	1.53	264.2	F +
Magdaharra	R	0.31	23.1	C F	R	0.31	23.1	C F +	R	0.31	23.1	C
Northbound	LT R	1.17	95.3	В	LT R	1.24	125.7	F +	LT R	1.24	125.7	F +
	К	0.52	16.3	Ŋ	К	0.55	16.8	D	К	0.55	16.8	D

	No-Action					Action w	/ Improv	rements		With M	litigation	IS
Intersection & Approach		1410	Delay				Delay				Delay	
(Signalized Intersections)	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS
Madison Avenue & East 43rd Street												
Westbound	T	0.73	34.7	С	T	0.85	43.7	D	T	0.85	43.7	D
	R	0.97	120.8	F	R	1.21	165.4	F +	R	1.21	165.4	F +
Northbound	L T	1.05	60.4 59.1	E E	L T	1.46	235.6 62.3	F +	L T	1.46	235.6 62.3	F +
Madison Avenue & East 46th Street		1.02	39.1	E		1.07	02.3	E		1.07	02.3	E
Eastbound	LT	0.97	81.8	F	LT	1.02	82.2	F	LT	1.02	82.2	F
Northbound	T	0.97	64.5	Ε	T	1.01	59.1	E	T	1.01	59.1	E
	R	0.90	127.1	F	R	1.39	237.9	F +	R	1.39	237.9	F +
Madison Avenue & East 48th Street	-	1.00	110.0	Г		1 10	1144	F		1 10	1115	_
Eastbound	L T	1.09 0.71	112.9 24.6	F C	L T	1.10 0.75	114.4 27.1	F C	L T	1.10 0.75	114.5 27.8	F C
Northbound	T	1.09	65.2	E	Ť	1.12	77.0	E +	Ť	1.12	77.0	E +
1101111204114	R	0.56	19.3	В	R	0.60	20.8	C	R	0.60	20.8	C
Madison Avenue & East 49th Street												
Westbound	TR	0.58	9.7	Α	TR	0.61	9.5	Α	TR	0.61	9.5	Α
Northbound	L	0.53	11.8	В	L	0.54	12.0	В	L	0.54	12.0	В
Madison Avenue & East 53rd Street	Т	1.06	57.7	Ε	T	1.09	59.7	Е	T	1.09	59.7	E
Westbound	TR	1.10	75.6	Ε	TR	1.17	106.3	F +	TR	1.17	106.2	F +
Northbound	L	0.51	11.5	В	L	0.53	11.8	В	L	0.53	11.8	В
	Т	0.99	54.6	D	Т	1.02	55.7	Е	Т	1.02	55.3	E
Madison Avenue & East 54th Street												
Eastbound	LT	0.55	29.3	C	LT	0.59	31.0	С	LT	0.67	36.2	D
Northbound	T R	1.03 0.83	66.9 32.4	E C	T R	1.04	63.2	E +	T R	0.96	57.6 35.1	E D
5th Avenue & 38th Street	K	0.63	32.4	C	K	1.00	70.1	E +	K	0.98	33.1	D
Eastbound	Т	0.41	17.7	В	Т	0.44	18.2	В	Т	0.44	18.2	В
	R	1.04	121.4	F	R	1.05	124.7	F +	R	1.05	124.7	F +
Southbound	LT	1.35	170.7	F	LT	1.40	192.8	F +	LT	1.40	192.8	F +
5th Avenue & 39th Street				_								_
Westbound	L T	0.92	59.0 29.4	E C	L T	1.15	118.9	F +	L T	1.15	118.9	F +
Southbound	T	0.66 1.30	163.7	F	i T	0.67 1.31	29.6 170.3	C F +	T	0.67	29.6 170.3	F +
Southbound	R	1.33	175.3	F	R	1.34	182.3	F +	R	1.34	182.3	F +
5th Avenue & 40th Street												
Eastbound	TR	1.41	226.1	F	TR	1.60	306.9	F +	TR	1.60	306.9	F +
Southbound	LT	1.50	250.5	F	LT	1.62	303.9	F +	LT	1.62	303.9	F +
5th Avenue & 42nd Street Eastbound	T	1.09	89.1	F	Т	1.14	105.8	F +	Т	1.17	119.5	F ‡‡
Eastbouliu	R	0.21	23.8	С	R	0.21	23.8	F +	R	0.21	24.9	C ++
Westbound	LT	1.45	224.3	F	LT	1.47	232.0	F +	LT	1.51	252.8	F ‡‡
Southbound	LT	1.47	233.7	F	LT	1.50	245.5	F +	LT	1.46	229.4	F
	R	0.05	13.9	В	R	0.05	14.0	В	R	0.05	12.9	В
5th Avenue & 43rd Street		0.57	20.4	_		0 / 1	07.7	0		0.71	25.5	
Westbound	L T	0.56	28.1	C	T	0.64	27.6 24.9	C	L T	0.64	25.5 24.9	C
Southbound	T	1.25	137.7	F	T	1.26	142.3	F +	T	1.26	142.2	F +
	R	1.54	268.1	F	R	2.19	557.1	F +	R	2.19	557.1	F +
5th Avenue & 44th Street												
Eastbound	Ţ	0.40	23.7	С	Ţ	0.42	24.1	С	T	0.42	24.1	С
Caudhh	R	0.77	61.1	E	R	0.87	99.7	F +	R	0.87	99.7	F +
Southbound 5th Avenue & 47th Street	LT	1.40	200.5	F	LT	1.43	213.5	F +	LT	1.43	213.5	F +
Westbound	L	0.97	106.0	F	L	1.02	105.1	F	L	1.10	106.5	F
estaduna	T	0.59	34.4	C	T	0.64	34.0	C	T	0.66	35.0	C
Southbound	Т	1.43	213.3	F	Т	1.44	219.1	F +	Т	1.40	202.9	F
	R	0.79	21.8	С	R	0.87	26.2	С	R	0.83	23.2	С
5th Avenue & 48th Street	_	0.53	17.0		-	0.70	17 (-	0.71	10.4	
Eastbound	T R	0.57 1.06	17.2 101.2	B F	T R	0.60 1.06	17.6 89.3	B F	T R	0.61 1.13	18.4 102.0	B F
Southbound	LT	1.42	211.3	F	LT	1.44	220.3	F +	LT	1.13	204.0	F
Southboard		1.74	£11.J			1.77	220.0	. т		1.70	207.0	

			No-A	ction		With-	Action w	/ Improv	ements		With N	litigation	IS	\neg
Intersection & Approach (Signalized Intersections)		Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LO:	S
5th Avenue & 49th Street														
Wes	stbound	LT	0.55	27.6	С	LT	0.57	27.7	С	LT	0.59	28.9	С	
Sout	hbound	T	1.42	209.8	F	T	1.43	216.8	F +	T	1.40	201.0	F	
		R	0.63	16.9	В	R	0.63	16.9	В	R	0.61	15.1	В	
5th Avenue & 54th Street														
Eas	stbound	TR	0.48	22.9	С	TR	0.53	23.9	С	TR	0.55	24.9	С	
Sout	hbound	LT	1.40	202.5	F	LT	1.43	217.1	F +	LT	1.40	201.4	F	
5th Avenue & 57th Street														
Eas	stbound	T	1.09	92.4	F	Т	1.14	111.0	F +	Т	1.14	111.0	F	+
		R	0.82	136.9	F	R	0.85	143.2	F +	R	0.85	143.2	F	+
Wes	stbound	LT	1.14	112.8	F	LT	1.17	124.2	F +	LT	1.17	124.3	F	+
Sout	hbound	LT	1.48	247.6	F	LT	1.51	259.4	F +	LT	1.51	259.4	F	+
		R	0.43	22.3	С	R	0.43	22.3	С	R	0.43	22.3	С	
6th Avenue & East 48th Street														
Eas	stbound	Г	0.33	22.5	С	L	0.33	22.5	С	L	0.33	22.5	С	
		Τ	1.08	99.8	F	T	1.18	132.7	F +	T	1.18	132.7	F	+
Nort	hbound	TR	0.76	24.3	С	TR	0.89dr	32.0	С	TR	0.89dr	32.0	С	
6th Avenue & West 49th Street														
Wes	stbound	Τ	0.78	31.9	С	Т	0.79	32.9	С	Т	0.79	34.9	С	
		R	0.69	30.6	С	R	0.70	32.0	С	R	0.70	33.9	С	
Nort	hbound	LT	1.05	48.8	D	LT	1.06	49.0	D	LT	1.06	49.0	D	

		No-A	ction		With-	Action w	/ Improv	ements		With N	litigation	S
Intersection & Approach (Unsignalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
1st Avenue & East 48th Street (West Side)												
Eastbound	Ĺ	0.88	42.1	Ē	L	0.92	48.8	E +	L	0.92	48.8	E +
Northbound	T	0.33	0.0	Α	T	0.34	0.0	Α	T	0.34	0.0	Α

Notes:

+ Denotes a significant adverse traffic impact

Unmitigated approach movements denoted by shading

- † No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of air quality mitigation measures
- †† Impact worsened by pedestrian mitigation signal timing changes
- ‡ No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of pedestrian mitigation measures
- ‡‡ Impact worsened by air quality mitigation signal timing changes
- # No significant adverse impact for the With-Action condition. Significant adverse impact is due to traffic mitigation measures at an adjacent intersection
- ## Impact worsened due to traffic mitigation measures at an adjacent intersection
- Il Proposed mitigation may be infeasible and will be reviewed as part of the traffic monitoring program. Significant adverse impact is identified as a worst-case scenario.

Greater East Midtown Rezoning EIS

Traffic LOS Tables for Proposed Action with PRI Condition with and without Proposed Mitigation- Midday Peak Hour

Traffic LOS Tables for Proposed Action with	i ki co	No-A		WILLIE				/ements	/ I Cak		litigation	ıs
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
1st Avenue & East 40th Street												
Eastbound	L	0.99	71.4	E	L	1.03	80.4	F +	L	1.00	71.3	E
Northbound	Т	0.91	29.8	С	Т	0.91	30.5	С	T	0.93	33.5	С
1st Avenue & East 42nd Street				_				_				_
Eastbound (East Side)	T	0.85	25.3	С	T	0.86	25.8	С	T	0.86	25.8	С
Westbound (East Side)	TR	0.76	41.2	D	TR	0.77	41.5	D	TR	0.77	41.5	D
	R	1.50	286.8	F	R	1.50	289.7	F	R	1.50	289.7	F
Northbound (East Side)	LT	0.46	21.1	С	LT	0.47	21.4	С	LT	0.47	21.3	С
	R	0.49	22.5	С	R	0.49	22.6	С	R	0.49	22.5	С
Eastbound (West Side)	L	1.06	94.5	F	L	1.09	95.5	F	L	1.09	95.5	F
	T	0.50	21.7	С	T	0.50	21.8	С	T	0.50	21.8	С
Westbound (West Side)	TR	0.69	8.3	Α	TR	0.70	8.4	Α	TR	0.70	8.4	Α
Northbound (West Side)	L	0.51	19.3	В	L	0.51	19.4	В	L	0.51	19.3	В
	T	0.48	24.5	С	T	0.50	26.0	С	T	0.50	25.8	С
1st Avenue & East 44th Street												
Eastbound	L	1.03	72.7	E	L	1.05	78.4	E +	L	1.02	68.4	E
Northbound	Т	0.54	1.1	Α	T	0.55	1.1	Α	T	0.56	1.3	А
1st Avenue & East 46th Street												
Eastbound	L	1.09	94.0	F	L	1.11	99.3	F +	L	1.08	86.5	F
Northbound	T	0.64	2.3	Α	Т	0.66	2.6	Α	T	0.67	3.0	А
1st Avenue & East 47th Street	_			_	_				_			
Northbound (East Side)	Ţ	0.81	16.7	В	T	0.83	17.6	В	Ţ	0.83	17.5	В
Northbound (West Side)	L	0.44	11.2	В	L	0.47	11.5	В	L	0.47	11.3	В
	Т	0.72	16.4	В	T	0.73	16.7	В	T	0.73	16.5	В
1st Avenue & East 48th Street (East Side)	-	0.04	0.0		-	0.00	0.0		-	0.00	0.0	
Northbound	T	0.31	0.3	Α	T	0.32	0.3	Α	T	0.32	0.3	Α
1.1 A O F I AOII. Class I	R	0.86	12.1	В	R	0.89	14.2	В	R	0.89	14.2	В
1st Avenue & East 49th Street	-	0.70	00.4		-	0.70	00.4	_	-	0.70	00.4	0
Westbound (East Side)	T	0.72	28.4	С		0.72	28.6	С		0.72	28.6	С
N. III. 1/5 (011)	R	0.19	16.8	В	R	0.19	16.8	В	R	0.19	16.8	В
Northbound (East Side)	T	0.92	65.0	E	T	0.93	67.6	E	T	0.93	67.6	E
Westbound (West Side)	T	0.72	6.1	A	T	0.72	6.2	A	T	0.72	6.2	A
Northbound (West Side)	LT	0.92	29.1	С	LT	0.93	30.1	С	LT	0.93	30.1	С
1st Avenue & East 53rd Street	TD	0.50	24.0	_	TD	0.71	05.1	0	TD	0.71	05.1	0
Westbound	TR	0.59	24.8	С	TR	0.61	25.1	C	TR	0.61	25.1	C
Northbound	L T	0.62	27.6	C	T	0.62	27.8	C	L T	0.62	27.8	C
1st Avenue & East 54th Street		0.85	25.5	L		0.86	26.6	С		0.86	27.5	L
Eastbound	17	1 10	00.7	F	17	1 10	105.1	г	1 =	1.00	00.0	F
	LT	1.10	98.6		LT	1.12	105.1	F +	LT	1.08	88.9	
Northbound	TR	0.94	11.9	В	TR	0.95	13.0	В	TR	0.97	17.0	В
1st Avenue & East 55th Street	TR	1.00	73.5	Г	TR	1.01	7/1	Е	TD	1 01	7/1	Г
Westbound		1.00		E D			74.1	E D	TR	1.01	74.1	E
Northbound	L	0.95	37.4		L T	0.98	41.8		L	0.98	39.5	D
1ct Avenue 9 Fact E7th Ctract	Т	0.76	5.2	Α		0.77	5.5	Α	Т	0.77	4.7	Α
1st Avenue & East 57th Street	I.T.	1 044	20.4	D	1.7	1 04 41	20.4	D	ΙT	1 04 41	20.4	D
Eastbound Westbound	LT	1.06dl	39.4	D	LT	1.06dl	39.4	D	LT	1.06dl	39.4	D
Westbound	TR	0.77	40.1	D	TR	0.77	40.1	D E	TR	0.77	40.1	D
Northbound		1.03	65.0	E	L	1.03	66.4		L	1.03	66.6	E
	TR	0.80	9.1	Α	TR	0.82	9.5	Α	TR	0.82	9.7	Α

	T	No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	1S	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LO	S
2nd Avenue & East 36th Street													
Eastbour	d TR	0.95	37.1	D	TR	0.97	41.3	D	TR	0.97	41.0	D	
Southbour	d L	0.31	6.7	Α	L	0.31	6.6	Α	L	0.31	7.2	Α	
	T	0.78	11.4	В	T	0.79	11.3	В	T	0.79	12.1	В	
2nd Avenue & East 37th Street													
Westbour		0.40	17.0	В	LT	0.41	17.1	В	LT	0.42	18.2	В	
Southbour	d TR	1.08	56.1	E	TR	1.11	63.6	E +	TR	1.09	56.3	E	
2nd Avenue & East 38th Street													
Eastbour		0.79	33.3	С	TR	0.82	34.4	С	TR	0.85	37.1	D	
Southbour	d LT	1.09	55.5	E	LT	1.12	64.7	E +	LT	1.09	56.6	Ε	
2nd Avenue & East 39th Street													
Westbour		0.31	24.4	С	L	0.31	24.4	С	L	0.34	26.6	С	
	T	0.39	24.9	С	T	0.40	25.1	С	T	0.43	27.1	С	
Southbour	d TR	1.18	100.6	F	TR	1.23	121.4	F +	TR	1.18	95.8	F	
2nd Avenue & East 40th Street													
Eastbour		0.56	20.4	С	T	0.60	21.9	С	T	0.60	21.9	С	
	R	1.01	73.5	E	R	1.06	85.6	F +	R	1.06	85.2	F	+
Southbour	d LT	1.12	72.2	Ε	LT	1.16	91.6	F +	LT	1.16	92.7	F	##
2nd Avenue & East 41st Street													
Eastbour	d TR	0.57	30.6	С	TR	0.61	32.1	С	T	0.16	21.8	С	
									R	0.45	28.6	С	
Southbour		1.18	95.9	F	LT	1.22	113.8	F +	LT	1.17	89.5	F	II
	R	0.15	8.3	Α	R	0.17	8.4	Α	R	0.16	6.3	Α	
2nd Avenue & East 42nd Street													
Eastbour	_	1.04	69.9	E	TR	1.06	73.4	E	TR	1.06	73.4	E	
Westbour	_	1.09	99.3	F	LT	1.18dl	111.4	F +	LT	1.18dl	111.4	F	+
Southbour	d L	1.23	133.2	F	L	1.34	178.7	F +	L	1.34	179.4	F	##
	Т	1.11	75.4	E	T	1.15	93.3	F +	T	1.15	94.2	F	##
	R	0.94	35.4	D	R	1.05	59.7	E +	R	1.05	60.8	Ε	##
2nd Avenue & East 43rd Street													
Westbour	_	0.24	23.2	С	LT	0.25	23.4	С	LT	0.28	26.2	С	
Southbour	d TR	1.44	216.7	F	TR	1.50	247.4	F +	TR	1.41	203.0	F	
2nd Avenue & East 44th Street													
Eastbour	_	0.86	23.9	С	TR	1.01	49.3	D +	TR	1.01	45.3	D	+
Southbour		0.54	8.7	Α	L	0.55	8.7	Α	L	0.55	9.7	Α	
	T	1.16	90.4	F	T	1.20	105.0	F +	T	1.20	105.9	F	##
2nd Avenue & East 45th Street				<u> </u>				_				<u> </u>	
Westbour	_	0.73	43.3	D	LT	0.74	44.0	D	LT	0.39	28.2	С	
Southbour	d TR	1.43	212.3	F	TR	1.47	230.8	F +	TR	1.38	190.6	F	
2nd Avenue & East 46th Street												<u> </u>	
Eastbour		0.57	32.6	C	Ţ	0.58	32.1	C	Ţ	0.58	30.6	C	
	R	1.18	138.5	F	R	1.25	162.2	F +	R	1.25	160.8	F	+
Southbour		0.56	10.4	В	L	0.56	10.4	В	L	0.56	11.3	В	
	Т	1.21	112.4	F	T	1.24	125.8	F +	T	1.24	126.5	F	##
2nd Avenue & East 47th Street				<u> </u>				_				<u> </u>	
	LT	0.50	54.1	D	LT	0.52	54.4	D	LT	0.57	57.8	E	
Southbour	d TR	1.49	238.0	F	TR	1.53	257.0	F +	TR	1.47	231.1	F	
2nd Avenue & East 48th Street		L											
Eastbour	_	1.09	92.3	F	TR	1.13	104.0	F +	TR	1.13	103.4	F	+
Southbour		1.28	149.2	F	L	1.28	149.2	F	L	1.28	149.6	F	
	T	1.34	173.2	F	T	1.37	188.2	F +	T	1.37	188.4	F	##

		No-A	ction		With-	Action w	/ Improv	ements		With N	litigation	IS	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	;
2nd Avenue & East 49th Street													
Westbound	L	0.99	101.3	F	L	0.99	101.4	F	L	1.04	103.2	F	
	T	0.22	19.8	В	T	0.23	19.8	В	T	0.23	20.5	С	
Southbound	TR	1.17	92.3	F	TR	1.20	105.4	F +	TR	1.17	93.1	F	
2nd Avenue & East 50th Street													
Eastbound	TR	1.27	174.0	F	TR	1.32	191.4	F +	TR	1.32	191.5	F	+
Southbound	L	0.60	11.1	В	L	0.60	11.2	В	L	0.60	11.7	В	
0.14	T	1.33	171.0	F	Т	1.37	184.8	F +	Т	1.37	185.1	F	##
2nd Avenue & East 51st Street		0.70	20.7			0.70	20.7	-		0.7/	41.7	_	
Westbound		0.73	38.7	D	LT	0.73	38.7	D	LT	0.76	41.6	D	
Southbound	TR	1.34	172.6	F	TR	1.38	187.5	F +	TR	1.35	174.0	F	
2nd Avenue & East 52nd Street Eastbound	TR	0.89	45.5	D	TR	0.93	45.5	D	TR	0.93	44.1	D	\dashv
Southbound		0.89	7.3	A	L	0.93	7.3	A	L	0.93	8.2	A	-
Southbound	T	1.33	167.8	F	T	1.36	181.6	F +	T	1.36	182.4		##
2nd Avenue & East 53rd Street		1.33	107.0	 		1.30	101.0	, +		1.30	102.4		ii if
Westbound	LT	1.10dl	78.1	Е	LT	1.12dl	82.5	F +		1.08	109.3	F	-1
			7011				02.0		T	0.51	36.7	D	
Southbound	TR	1.33	168.2	F	TR	1.37	186.8	F +	TR	1.31	158.7	F	
2nd Avenue & East 54th Street													
Eastbound	TR	0.59	25.0	С	TR	0.61	25.1	С	TR	0.63	24.0	С	
Southbound	L	0.06	8.1	Α	L	0.06	8.1	Α	L	0.06	7.3	Α	
	T	1.42	208.7	F	T	1.45	225.2	F +	T	1.42	210.7	F	
2nd Avenue & East 55th Street													
Westbound	L	0.78	25.1	С	L	0.78	24.8	С	L	0.78	24.8	С	
	T	1.06	73.3	Ε	Т	1.08	77.2	E	Т	1.08	77.1	Ε	
Southbound	TR	1.63	302.4	F	TR	1.68	328.5	F +	TR	1.68	328.8	F	##
2nd Avenue & East 56th Street													
Eastbound		0.52	11.8	В	T	0.53	11.8	В	Ţ	0.56	11.2	В	
	R	0.56	15.6	В	R	0.58	15.8	В	R	0.62	15.4	В	
Southbound	L	0.33	4.5	Α	Ļ	0.33	4.5	A	Ļ	0.31	2.3	A	
2md Avenue 9 Foot 57th Ct	Т	1.42	210.3	F	T	1.46	230.4	F +	Т	1.40	202.7	F	_
2nd Avenue & East 57th Street Eastbound	TR	1.18	130.0	F	TR	1.20	134.8	F +	TR	1.20	136.0	F	##
Westbound	LT	0.79	37.4	D	LT	0.79	37.4	F +	LT	0.79	49.3	D	##
Southbound		0.79	21.3	С		0.79	21.6	С	L	0.79	21.6	С	π
Southbound	TR	1.42	214.4	F	TR	1.45	230.1	F +	TR	1.45	229.0	F	+
2nd Avenue & East 59th Street	- 11	1.74	217.7	 	111	1.73	200.1	, т	- 11	1.73	227.0	•	
Eastbound	L	1.12	84.7	F	L	1.15	98.5	F +	L	1.15	98.5	F	+
	TR	0.51	272.4	F	TR	0.51	272.3	F	TR	0.51	272.3	F	
Southbound		1.05	62.3	E	L	1.09	63.9	E	L	1.09	63.9	E	
	LT	1.17	94.9	F	LT	1.19	103.2	F +	LT	1.19	103.2	F	+
2nd Avenue & East 60th Street													
Westbound	LT	0.01	14.2	В	LT	0.01	14.2	В	LT	0.01	14.2	В	
Southbound		1.10	80.0	Ε	LTR	1.12	87.3	F +	LTR	1.12	87.3	F	+
Westbound (Bridge Exit)		1.26	151.7	F	L	1.29	165.2	F +	L	1.29	165.2	F	+
	T	0.70	29.5	С	Т	0.70	29.5	С	Т	0.70	29.5	С	
Tunnel Exit Street & East 37th Street				Ļ								_	_
Westbound		0.60	44.0	D	TR	0.62	44.5	D	TR	0.62	47.2	D	_
North-Westbound		0.21	0.1	Α	L	0.22	0.1	A	L	0.22	0.1	A	_
	R	0.50	11.9	В	R	0.51	12.1	В	R	0.51	12.1	В	

			No-A	ction		With-	Action w	// Improv	/ements		With N	litigation	IS .
Intersection & Approach (Signalized Intersections)	ľ	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
Tunnel Exit Street & East 39th Street													
West	bound	TR	0.90dr	33.2	С	TR	0.93dr	33.8	С	TR	0.97dr	35.7	D
North	bound	L	1.09	113.2	F	L	1.12	120.3	F +	L	1.10	112.1	F
		T	0.11	20.0	В	T	0.13	20.0	В	T	0.12	19.2	В
Tunnel Exit Street & East 40th Street									_				
	bound	LT	0.93	77.1	E	LT	0.96	46.4	D	LT	0.96	48.8	D
Northl	bound	TR	0.23	6.8	Α	TR	0.24	7.0	Α	TR	0.24	6.6	Α
3rd Avenue & East 36th Street	bound	LT	0.69	22.4	С	LT	0.70	22.6	С	LT	0.76	24.4	С
	bound	TR	0.09	48.0	D	TR	0.70	74.6	E +	TR	0.76	46.8	D
NOITH	Douriu	R	0.56	45.6	D	R	0.57	45.9	D	R	0.57	45.9	D
3rd Avenue & East 37th Street		IX	0.50	43.0	D	IX	0.57	43.7	D	IX	0.57	43.7	D
	bound	TR	0.56	16.1	В	TR	0.58	16.5	В	TR	0.58	16.6	В
West		R	0.82	68.7	E	R	0.90	82.8	F +	R	0.90	82.9	F #
Northi	bound	LT	0.96	60.7	E	LT	1.01	60.8	E	LT	1.01	64.6	E #/
3rd Avenue & East 38th Street													
Eastl	bound	LT	0.45	31.9	С	LT	0.55	32.5	С	LT	0.55	33.1	С
Northl	bound	Τ	1.00	72.4	Ε	Τ	1.06	71.7	E	Τ	1.06	71.0	E
		R	0.39	12.1	В	R	0.43	13.0	В	R	0.43	13.0	В
3rd Avenue & East 39th Street													
West	bound	Τ	1.45	232.5	F	T	1.54	273.0	F +	T	1.54	273.4	F †
		R	0.84	43.9	D	R	0.87	44.5	D	R	0.87	45.6	D
North	bound									L	0.99	50.0	D
		LT	1.17	100.3	F	LT	1.29	152.8	F +	T	1.04	67.0	E
3rd Avenue & East 40th Street					_				_	<u> </u>		10= 0	_
East	bound	LT	0.97	105.7	F	L	0.96	63.7	E	L	1.10	105.9	F
North	haund	т	1 1 2	75.8	Г	T	0.56	36.4	D F +	T	0.64	41.1	D E
Northi	bouria	T R	1.13 0.93	50.7	E D	R	1.24 0.96	126.0 39.0	F +	R	1.13 0.86	75.5 39.8	D
3rd Avenue & East 41st Street		К	0.93	30.7	D	К	0.90	39.0	D	K	0.00	37.0	D
	bound	L	1.05	125.8	F		0.30	29.9	С		0.35	34.9	С
Lasti	bouriu	T	0.31	39.6	D	T	0.30	27.7	C	T	0.33	31.6	C
West	bound	R	1.09	123.3	F	R	1.12	129.6	F +	R	1.32	206.7	F †
North		T	0.93	63.2	E	T	1.08	65.3	E	Ť	0.98	58.5	E
		R	0.30	14.0	В	R	0.44	16.4	В	R	0.37	12.9	В
3rd Avenue & East 42nd Street													
	bound	L	0.98	75.8	Ε	L	0.99	77.2	E	L	0.99	77.2	E
		Τ	1.15	111.8	F	Т	1.16	116.5	F +	T	1.16	116.5	F +
Westl	bound	T	0.84	33.5	С	Т	0.85	34.1	С	T	0.85	34.1	С
		R	1.18	119.9	F	R	1.20	128.6	F +	R	1.20	128.6	F +
Northl	bound	LT	1.10	79.8	Е	L	1.05	62.1	E	L	1.05	74.3	E
	F		0.70	20.0	_	T	0.92	48.8	D	T	0.92	51.0	D "
2rd Avenue 9 Foot 42rd Ctreet		R	0.78	39.2	D	R	0.86	37.4	D	R	0.86	46.2	D #
3rd Avenue & East 43rd Street	bound	TD	0.79	10.0	D	TD	0.07	21.0	C	TD	0.92	24.2	С
North		TR LT	1.04	18.8 60.2	B E	TR	0.87 1.09	21.8	C E +	TR	1.03	26.3 60.9	
3rd Avenue & East 44th Street	oounu	LI	1.04	00.2	E	LT	1.09	64.3	E +	LT	1.03	00.9	E
	bound	LT	0.24	26.6	С	LT	0.26	26.8	С	LT	0.28	28.8	С
	bound	T	1.03	62.3	E	T	1.08	64.2	E	T	1.00	58.4	E
l literature		R	1.33	171.4	F	R	2.06	498.5	F +	R	1.69	331.3	F +
									_				

			No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	IS
Intersection & Approach				Delay				Delay				Delay	
(Signalized Intersections)		Movt.	V/C	Sec/	LOS	Movt.	V/C	Sec/	LOS	Movt.	V/C	Sec/	LOS
(Orginalized intersections)	l'		Ratio	Veh	200	WOV.	Ratio	Veh	200	IVIO VI.	Ratio	Veh	
3rd Avenue & East 45th Street												••	
Westbo	und	Т	0.57	17.5	В	Т	0.49	16.0	В	T	0.49	16.8	В
		R	0.65	35.7	D	R	0.83	39.5	D	R	0.83	39.1	D
Northbo	und					L	0.98	43.3	D	Ĺ	0.98	66.1	E
		LT	1.14	87.9	F	Т	1.04	68.2	Е	T	1.04	75.3	E
3rd Avenue & East 46th Street													
Eastbo	und	L	0.30	28.3	С	L	0.39	30.6	С	L	0.44	33.4	С
		T	0.49	10.4	В	T	0.52	11.7	В	T	0.54	13.8	В
Northbo	und	T	1.09	70.4	Е	T	1.18	103.0	F +	T	1.11	69.8	E
		R	1.21	122.0	F	R	1.31	164.6	F +	R	1.18	105.4	F
3rd Avenue & East 47th Street		т.	1.0/	F0 F	г	Т	1 1 4	00.7	-	т	1 00	101.0	++
Westbo	una	T R	1.06 0.69	59.5	E		1.14	92.7	F +	T	1.23	131.9	F ††
Northbo	und	K	0.09	21.6	С	R L	0.72 1.61	22.6 297.5	C F +	R L	0.79 1.42	26.5 211.5	C F
Northbo	unu	LT	1.12	74.9	Е	T	0.96	63.2	E +	T	0.88	22.1	С
3rd Avenue & East 48th Street	\dashv	-1	1.14	1-1.7	_	<u> </u>	0.70	00.2		-	0.00	44.1	Ü
Eastbo	und	L	0.25	21.1	С	L	0.27	22.0	С	L	0.31	25.7	С
		T	0.39	23.3	С	T	0.41	24.3	С	T	0.45	27.9	C
Northbo	und	Τ	1.10	73.6	E	Т	1.18	107.3	F +	T	1.05	73.2	E
		R	0.93	40.4	D	R	0.99	71.3	E +	R	0.84	43.5	D
3rd Avenue & East 49th Street													
Westbo	und	T	0.48	17.1	В	T	0.49	17.2	В	T	0.49	17.0	В
		R	0.43	39.6	D	R	0.44	39.8	D	R	0.44	39.6	D
Northbo	und					L	0.72	19.7	В	L	0.72	26.2	С
	_	LT	1.13	83.0	F	Т	1.01	68.9	E	T	1.01	69.6	E
3rd Avenue & East 50th Street		_	0.20	7.5			0.40	7.5			0.47	0.1	
Eastbo	una	L	0.39	7.5	Α	L T	0.43	7.5	A	L T	0.47	9.1	A
Northbo	und	T	0.50 1.13	8.3 79.5	A E	T	0.51 1.20	8.3 114.6	A F +	T	0.55 1.10	9.8 68.8	A E
Northbo	unu	R	1.06	71.0	E	R	1.09	101.1	F +	R	0.96	57.5	E
3rd Avenue & East 51st Street	-	IX	1.00	71.0		IX	1.07	101.1	1 1	IX.	0.70	37.3	
Westbo	und	Т	0.79	24.9	С	Т	0.81	25.2	С	Т	0.81	25.5	С
		R	0.38	17.4	В	R	0.40	17.5	В	R	0.40	17.6	В
Northbo	und					L	3.20	1010.4	F +	L	3.20	1010.7	F ##
		LT	1.10	72.1	Ε	T	0.94	68.9	E	T	0.94	49.4	D
3rd Avenue & East 52nd Street													
Eastbo		LT	0.80	21.1	С	LT	0.85	22.5	С	LT	0.94	86.5	F †
Northbo	und	T	1.06	65.4	E	T	1.14	86.6	F +	T	1.01	62.2	E
Ord Avenue 9 Foot Fand Charlet	_	R	1.02	49.9	D	R	1.18	138.0	F +	R	0.93	49.0	D
3rd Avenue & East 53rd Street	und	т	0.50	10.4	D	Т	0.42	11 0	D	_	0.72	10.0	D
Westbo	una	T R	0.58	10.4 31.9	B C	R	0.62	11.5 32.5	B C	T R	0.62	15.5 46.7	B D #
Northbo	und	LT	1.04	73.4	E	LT	1.12	84.5	F +	LT	1.12	90.6	F ##
3rd Avenue & East 54th Street	ariu	-1	1.04	7 3.7	_		1.14	0-1.0			1.12	70.0	1 11 11
Eastbo	und	L	1.21	133.6	F	L	1.27	160.0	F +	L	1.55	278.9	F ††
	Ť	T	0.67	20.0	В	T	0.69	20.8	С	T	0.75	24.1	C
Northbo	und	T	1.02	74.5	E	Т	1.09	76.3	E	Т	1.00	68.0	E
		R	0.71	31.3	С	R	0.73	32.4	С	R	0.65	24.7	С
3rd Avenue & East 55th Street													
Westbo	und	Τ	0.86	23.8	С	Т	0.91	27.1	С	T	1.00	40.7	D
		R	1.02	49.9	D	R	1.09	73.0	E +	R	1.19	118.7	F ††
Northbo	und	1.7	111	05.0	_	L	0.77	19.6	В	L	0.69	15.5	В
		LT	1.16	95.0	F	T	1.07	68.2	E	T	0.98	39.6	D

		No-A	ction		With-	Action w	// Improv	ements		With N	litigation	ıs	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	S
3rd Avenue & East 56th Street													
Eastbound (West Side)	LT	0.96	106.2	F	LT	0.98	106.6	F	LT	1.07	106.8	F	
Northbound (West Side)	T	1.07	67.8	Ε	T	1.18	103.9	F +	Т	1.10	71.2	E	
Eastbound (East Side)	LT	0.90	23.2	С	LT	0.91	23.6	С	LT	1.00	32.6	С	
Northbound (East Side)	TR	1.05	72.9	Ε	TR	1.08	73.8	Е	TR	1.00	77.2	E	†
3rd Avenue & East 57th Street													
Eastbound (West Side)	LT	1.08	109.6	F	LT	1.09	108.9	F	LT	1.09	108.9	F	
Westbound (West Side)	TR	0.89	30.0	С	TR	0.89	30.1	С	TR	0.89	30.1	С	
Northbound (West Side)	LT	1.14	87.1	F	LT	1.24	128.2	F +	LT	1.18	106.4	F	+
Eastbound (East Side)	T	1.24	129.9	F	T	1.25	133.1	F +	T	1.25	133.1	F	+
Westbound (East Side)		0.77	31.1	C	T	0.77	31.1	C	T	0.77	31.1	С	
1, 1, 1, 1, 5, 1, 2	R	0.58	25.9	С	R	0.58	25.9	С	R	0.58	25.9	С	
Northbound (East Side)	TR	1.08	68.8	E	TR	1.08	68.9	E	TR	1.08	80.8	F	†
2rd Avenue 9 Feet FOth Ctreet	R	1.08	79.1	Е	R	1.12	90.8	F +	R	1.12	108.5	F	††
3rd Avenue & East 59th Street Eastbound	LT	1.06	84.5	F	LT	1.07	87.4	F	LT	1.07	87.4	F	
Northbound	T	0.63	8.2	A	T	0.68	8.4	A	T	0.68	8.4	A	
Northboard	R	1.01	64.2	E	R	1.05	74.3	E +	R	1.05	74.3	E	+
Lexington Avenue & East 36th Street	IX.	1.01	04.2		IX	1.03	74.5	LT	IX	1.03	74.5		т
Eastbound	TR	0.72	47.3	D	TR	0.74	48.0	D	TR	0.76	49.9	D	
Southbound	LT	1.05	46.3	D	LT	1.08	57.3	E +	LT	1.05	45.3	D	
Lexington Avenue & East 38th Street		1.00	10.0			1.00	07.0			1.00	10.0		-
Eastbound	Т	0.62	43.9	D	Т	0.75	47.1	D	Т	0.73	45.6	D	
Lustouna	R	1.12	147.9	F	R	1.14	151.0	F +	R	1.06	124.5	F	
Southbound		0.16	2.0	Α	Ĺ	0.18	2.0	Α	L	0.18	2.8	Α	
	Т	0.88	14.7	В	Т	0.91	18.8	В	Т	0.93	25.4	С	
Lexington Avenue & East 39th Street													
Westbound	L	1.08	87.7	F	L	1.11	99.1	F +	L	1.11	98.9	F	+
	T	1.51	253.6	F	T	1.65	313.1	F +	T	1.65	313.0	F	+
Southbound	T	1.05	55.3	Ε	Τ	1.08	63.5	E +	T	1.08	63.6	Ε	##
	R	0.84	21.7	С	R	0.91	26.0	С	R	0.91	26.0	С	
Lexington Avenue & East 40th Street													
Eastbound	T	0.74	20.8	С	T	1.00	39.7	D	T	1.00	39.7	D	
	R	0.52	34.7	С	R	0.54	37.8	D	R	0.54	37.8	D	
Southbound					L	0.38	10.0	Α	L	0.38	10.0	Α	
	LT	1.12	73.4	Ε	T	1.04	63.1	E	T	1.04	63.1	E	
Lexington Avenue & East 42nd Street													
Eastbound		1.06	65.0	E	T	1.08	71.3	E +	T	1.08	71.3	E	+
147	R	0.91	43.4	D	R	0.91	43.3	D	R	0.91	43.3	D	
Westbound	LT	0.94	50.8	D	LT	0.96	52.7	D	LT	0.96	52.7	D	_
Southbound		0.49	22.6	С	L T	0.50	22.7	С	L	0.50	22.7	С	
	T	0.90	47.0	D	T	0.93	72.4	E +	I	0.93	72.4	E	+
Lexington Avenue & East 44th Street	R	0.68	26.2	С	R	0.71	27.2	С	R	0.71	27.1	С	=
Southbound	LT	1.13	77.6	Е	LT	1.19	103.4	F +	LT	1.14	79.4	Е	
Lexington Avenue & East 45th Street	L	1.13	11.0		LI	1.17	103.4	F +	LI	1.14	17.4	L	-
Westbound	LT	0.88	47.9	D	LT	0.82	45.0	D	LT	0.82	45.0	D	
Southbound		1.03	64.5	E	T	1.07	66.0	E	T	1.07	65.8	E	
Southbould	R	0.16	8.0	A	R	0.17	8.2	A	R	0.17	8.2	A	
Lexington Avenue & East 46th Street	<u> </u>	0.10	3.0		<u> </u>	0.17	J.2			0.17	U.L	- 1	\dashv
Eastbound	Т	0.91	58.6	Е	Т	0.99	66.2	E +	Т	0.99	66.2	Е	+
	R	0.14	45.8	D	R	0.15	45.2	D	R	0.15	45.2	D	
Southbound					L	0.22	3.6	A	L	0.22	3.6	A	
	LT	1.05	57.7	Ε	Т	1.02	55.6	Е	Т	1.02	55.6	Ε	

		No-A	ction		With-	Action w	// Improv	rements		With N	litigation	ns
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
Lexington Avenue & East 47th Street												
Westbound	L	1.13	103.5	F	L	1.20	132.0	F +	L	1.20	132.1	F +
	T	1.20	116.8	F	Τ	1.45	226.3	F +	T	1.45	226.3	F +
Southbound	T	1.02	58.6	Ε	T	1.07	71.0	E +	T	1.07	70.7	E +
	R	1.27	162.9	F	R	1.72	361.2	F +	R	1.72	361.1	F +
Lexington Avenue & East 48th Street	-	4.07	04.4	_	-	1.10	110.1	_		1.10	440 5	-
Eastbound		1.07	94.1	F	T	1.13	113.4	F +	T	1.13	113.5	F +
Southbound	R	1.11	127.0	F	R	1.16 0.52	145.3 11.0	F +	R L	1.16 0.52	145.3 13.1	F +
Southbould	LT	0.96	59.0	Е	T	0.52	55.7	E	T	0.90	51.5	D
Lexington Avenue & East 49th Street	LI	0.90	39.0	L	-	0.90	33.7	L	'	0.90	31.3	D
Westbound	LT	0.55	30.2	С	LT	0.57	30.4	С	LT	0.62	34.0	С
Southbound		1.06	60.8	E	T	1.12	76.2	E +	T	1.04	56.0	E
Sambound	R	0.27	12.9	В	R	0.37	15.0	В	R	0.34	11.1	В
Lexington Avenue & East 50th Street												
Eastbound	TR	0.42	27.3	С	TR	0.44	29.2	С	TR	0.44	29.2	С
Southbound					L	1.08	65.1	Е	Ĺ	1.08	65.1	E
	LT	1.06	60.6	Ε	T	0.92	46.7	D	T	0.92	37.4	D
Lexington Avenue & East 51st Street												
Westbound		1.05	95.6	F	L	1.07	83.7	F	L	1.07	83.7	F
	Ţ	0.89	46.8	D	Ţ	0.93	38.3	D	T	0.93	38.2	D
Southbound		1.11	71.8	E	T	1.18	106.3	F +	T	1.18	104.2	F +
La de la Augusta De la Facilità de la Characteria	R	1.11	113.8	F	R	1.20	153.2	F +	R	1.20	149.5	F +
Lexington Avenue & East 52nd Street	_	0.04	44.7	_		0.00	/1 [-		0.04	47.0	-
Eastbound	T R	0.94	44.7	D E	T R	0.99	61.5 80.5	E +	T R	0.94	47.9 66.0	D E
Southbound		0.96	71.6	E	I I	0.96 0.71	17.0	F + B	I K	0.90	22.7	C
Southbould	LT	0.91	63.5	Е	T	0.71	55.0	E	T	0.79	66.8	E
Lexington Avenue & East 53rd Street	LI	0.71	03.3		-	0.02	33.0			0.00	00.0	L
Westbound	L	0.07	21.2	С		0.07	21.0	С	L	0.07	21.4	С
	T	0.82	37.5	D	T	0.87	40.4	D	T	0.87	40.9	D
Southbound	Т	1.03	42.0	D	T	1.10	66.5	E +	Т	1.10	66.6	E +
	R	0.78	66.4	Е	R	0.80	109.3	F +	R	0.80	109.3	F +
Lexington Avenue & East 54th Street												
Eastbound	TR	1.02	58.4	Е	TR	1.07	73.6	E +	TR	1.07	73.6	E +
Southbound					L	1.07	61.2	E	L	1.07	61.2	E
	LT	1.08	61.2	Е	T	0.94	43.1	D	T	0.94	43.1	D
Lexington Avenue & East 55th Street	.	0.00	70.0	_	L	1.05	100.0	_		1.05	00.0	_
Westbound		0.99	73.0	E	L	1.05	100.0	F +	L	1.05	98.9	F +
Southbound	T	0.85	36.2	D E	T	0.88	46.0	D +	T	0.88 1.09	45.9	D +
Southbound	R	1.02 0.62	61.2 16.2	В	R	1.09 0.63	63.5 16.5	E B	R	0.63	63.5 16.5	E B
Lexington Avenue & East 56th Street	П	0.02	10.2	В	Λ	0.03	10.5	В	IX	0.03	10.5	Ь
Eastbound	Т	0.66	17.3	В	Т	0.66	17.1	В	Т	0.66	17.1	В
Edstbodild	R	1.09	84.9	F	R	1.09	84.6	F	R	1.09	84.6	F
Southbound	LT	1.00	78.8	E	LT	1.07	77.1	E	LT	1.07	77.1	E
Lexington Avenue & East 57th Street												
Eastbound	T	0.86	24.7	С	Т	0.86	24.9	С	Т	0.86	24.9	С
	R	0.66	19.5	В	R	0.67	20.3	С	R	0.67	20.3	С
Westbound	LT	0.95	52.8	D	LT	0.96	51.2	D	LT	0.96	52.3	D
Southbound		0.95	68.2	Е	LT	1.01	88.6	F +	LT	1.01	88.6	F +
	R	0.38	21.7	С	R	0.38	21.7	С	R	0.38	21.7	С

		No-A	ction		With-	Action w	// Improv	rements		With N	litigation	ıs	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LO	S
Park Avenue & East 36th Street													
Eastbound (West Side)	TR	0.63	26.1	С	TR	0.64	26.4	С	TR	0.64	26.4	С	
Southbound (West Side)	LT	0.75	9.3	Α	LT	0.77	9.3	Α	LT	0.77	9.3	Α	
Eastbound (East Side)	LT	0.52	8.8	Α	LT	0.54	9.0	Α	LT	0.54	9.0	Α	
Northbound (East Side)	TR	0.65	19.6	В	TR	0.65	19.7	В	TR	0.65	19.7	В	
Park Avenue & East 38th Street	TO	0.70	25.0	0	TD	0.75	24.0	0	TD	0.75	24.2	0	
Eastbound (West Side)	TR	0.63	25.9	С	TR	0.65	26.2	C	TR	0.65	26.2	С	
Southbound (West Side) Eastbound (East Side)	LT L	0.71	10.0 8.1	B A	LT L	0.73	9.8 8.3	A	LT L	0.73 0.25	9.8 8.3	A	
Eastbound (East Side)	T	0.42	7.5	A	T	0.23	7.8	A	T	0.23	7.8	A	
Northbound (East Side)	TR	0.74	18.1	В	TR	0.43	20.4	C	TR	0.43	20.3	C	
Park Avenue & East 39th Street	IIX	0.74	10.1	D	110	0.77	20.4	C	TIX	0.77	20.5	C	
Westbound (East Side)	TR	1.34	180.1	F	TR	1.45	228.8	F +	TR	1.45	228.8	F	+
Northbound (East Side)	LT	0.56	36.6	D	LT	0.53	28.3	С	LT	0.53	28.3	C	
Westbound (West Side)	LT	1.06	73.0	E	LT	1.16	101.8	F +	LT	1.16	101.8	F	+
Southbound (West Side)	Т	0.61	48.7	D	Τ	0.62	70.2	E +	Т	0.62	70.2	Ε	+
	R	0.52	18.8	В	R	0.53	19.6	В	R	0.53	19.6	В	
Park Avenue & East 40th Street													
Eastbound (West Side)	TR	1.24	162.5	F	TR	1.57	298.6	F +	TR	1.57	298.6	F	+
Southbound (West Side)	T	1.16	107.5	F	T	3.14	988.0	F +	T	3.14	988.0	F	+
Eastbound (Tunnel Exit)	LT	1.37	187.5	F	LT	1.36	184.8	F	LT	1.36	184.8	F	
Northbound (Tunnel Exit)	T	0.72	16.9	В	T	0.72	17.1	В	T	0.72	17.1	В	
Eastbound(East Side)	LT	1.29	153.7	F	T	1.25	133.9	F	T	1.25	133.9	F	
Northbound(East Side)	TR	0.81	27.2	С	R	1.22	145.2	F +	R	1.22	145.2	F	+
Park Avenue & East 46th Street Eastbound (West Side)	Т	0.86	44.5	D	Т	0.93	51.4	D +	Т	0.93	51.4	D	-
Eastbourid (West Side)	R	0.32	30.0	С	R	0.93	28.5	C +	R	0.93	28.5	С	+
Southbound (West Side)	L	0.30	15.6	В	L	0.32	15.9	В	L	0.32	15.9	В	
Southbound (West Sluc)	Ť	1.10	69.1	E	Ţ	1.13	77.5	E +	Ť	1.13	77.6	E	+
Eastbound (East Side)	Ĺ	0.76	27.6	C	Ĺ	0.93	50.2	D +	Ĺ	0.93	50.2	D	+
,	Т	1.17	111.7	F	Т	1.26	147.7	F +	Т	1.26	147.7	F	+
Northbound (East Side)	T	0.84	32.4	С	T	0.85	35.0	С	T	0.85	35.0	С	
Park Avenue & East 47th Street													
Westbound (East Side)	T	1.32	174.2	F	Т	1.59	293.7	F +	Т	1.59	293.6	F	+
	R	0.81	33.1	С	R	0.92	40.6	D	R	0.92	40.6	D	
Northbound (East Side)	L	0.16	94.9	F	L	0.17	95.3	F	L	0.17	95.3	F	
W II 10W 10U1	T	0.99	44.1	D	T	1.01	66.6	E +	T	1.01	66.6	E	+
Westbound (West Side) Southbound (West Side)	LT	1.38	192.7	F	LT	1.62	299.7	F +	LT T	1.62 1.05	299.7	F E	+
Southbourid (West Side)	TR	0.96	39.8	D	T R	0.61	61.6 8.8	E +	R	0.61	61.7 8.8	A	+
Park Avenue & East 48th Street	IΚ	0.90	37.0	U	ľί	U.01	0.0	А	ľζ	0.01	0.0	А	
Eastbound (West Side)	Т	0.58	20.8	С	Т	0.59	20.9	С	T	0.59	21.3	С	
Edstabound (West Slue)	R	0.25	18.5	В	R	0.28	18.9	В	R	0.28	19.5	В	
Southbound (West Side)	L	0.24	94.5	F	L	0.26	144.0	F +	L	0.26	148.9	F	##
,	Т	1.12	77.8	Ε	T	1.15	86.9	F +	Т	1.15	86.9	F	+
Eastbound (East Side)	LT	0.88	30.5	С	LT	0.91	35.2	D	LT	0.91	35.3	D	
Northbound (East Side)					T	1.21	115.9	F +	T	1.21	115.9	F	+
	TR	0.92	28.9	С	R	0.78	21.5	С	R	0.78	21.5	С	
Park Avenue & East 49th Street													
Westbound (East Side)	T	0.81	23.2	С	T	0.85	27.5	С	T	0.85	28.2	С	
N #1 1/5 : 2011	R	0.38	9.6	A	R	0.40	10.4	В	R	0.40	9.9	Α	
Northbound (East Side)	L	0.21	15.4	В	L	0.21	15.6	В	L	0.21	15.6	В	
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	T	1.01	42.4	D C	T	1.03	58.6	E +	T	1.03	58.6	E	+
Westbound (West Side) Southbound (West Side)	LT	0.87	20.7	U	LT T	0.92 1.34	26.6 174.5	C F +	LT T	0.92	26.5 174.5	C F	
Southbourid (west side)	TR	0.96	44.2	D	R	0.25	7.4	F +	R	0.25	7.4	A	+
<u> </u>	IΚ	0.90	44.2	V	ľ	บ.20	7.4	Н	ľ	U.ZO	7.4	Н	

Intersection & Approach (Signalized intersections)			No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	1S
Eastbound (West Side) Resident		Movt.		Sec/	LOS	Movt.		Sec/	LOS	Movt.		Sec/	LOS
R	Park Avenue & East 50th Street												
Southbound (West Side)	Eastbound (West Side)	T	0.79	17.5	В	Т	0.84	19.8	В	T	0.84	19.8	В
T	, ,	R	0.71	16.7	В	R	0.75	18.1	В	R	0.75	18.1	В
Eastbound (East Side) Northbound (West Side) Northbound (West Side) Northbound (West Side) Northbound (West Side) Northbound (West Side) Northbound (East Side)	Southbound (West Side)	L	0.23	13.5	В	L	0.23	13.7	В	L	0.23	13.7	В
Northbound (East Side)		T		60.5	Ε	Т	1.09	63.2	E	T	1.09	63.2	E
Park Avenue & East 51st Street			1.05	67.3	Ε	LT							
Park Avenue & East 51st Street	Northbound (East Side)									-			
Westbound (East Side)		TR	0.87	26.4	С	R	0.34	9.2	Α	R	0.34	8.9	Α
Northbound (East Side)													_
Northbound (East Side)	Westbound (East Side)					-							
T		R				R				R			
Westbound (West Side)	Northbound (East Side)	L				L				L			
Southbound (West Side)	Manthaumal (Mant Cida)												
Park Avenue & East 52nd Street Eastbound (West Side) Eastbound (West Side) From 1,000							_						
Park Avenue & East 52nd Street	Southbould (West Side)	IK	1.05	03.7	E								
Eastbound (West Side)	Dark Avenue & East 52nd Street					K	0.77	14.7	В	K	0.77	14.7	В
Southbound (West Side)		TD	0.00	56.4	F	TD	1.01	61.4	F ,	TD	1 01	61.4	E ,
T													
Eastbound (East Side)	Southboaria (West Side)												
Northbound (East Side)	Fasthound (Fast Side)												
TR 0.99 40.3 D R 0.46 7.4 A R 0.46 7.4 A Park Avenue & East 53rd Street Westbound (East Side) T 0.74 40.9 D T 0.76 41.3 D T 0.76			0.75	30.2	0								
Park Avenue & East 53rd Street	Troi inbound (Edst oldo)		0.99	40.3	D					-			
Westbound (East Side)	Park Avenue & East 53rd Street		0177	10.0			0110	711		- ` `	0110	7	
R		T	0.74	40.9	D	Т	0.76	41.3	D	T	0.76	41.3	D
T 1.04 64.4 E T 1.06 62.0 E T 1.06 62.0 E	, ,		0.58	37.7	D	R	0.64	39.2	D	R	0.64	39.2	D
Westbound (West Side)	Northbound (East Side)	L	0.20	17.0	В	L	0.20	18.3	В	L	0.20	18.3	В
Southbound (West Side)		T	1.04	64.4	Ε	T	1.06	62.0	Ε	Т	1.06	62.0	E
TR 0.94 32.0 C R 0.71 18.6 B R 0.71 18.6 B B B B B B B B B		LT	1.08	74.3	Ε	LT		85.7	F +	LT			
Park Avenue & East 54th Street Eastbound (West Side) TR 0.59 18.1 B TR 0.62 18.5 B TR 0.62 18.5 B Southbound (West Side) L 0.22 10.7 B L 0.22 10.9 B L 0.22 10.9 B Eastbound (East Side) L 0.33 10.6 B L 0.03 10.5 B L 0.03 10.5 B Northbound (East Side) TR 0.63 12.5 B T 0.65 16.5 B T 0.65 16.5 B Northbound (East Side) TR 0.96 44.4 D T 1.14 84.2 F + T 1.14<	Southbound (West Side)							124.7			1.23	124.7	
Eastbound (West Side)		TR	0.94	32.0	С	R	0.71	18.6	В	R	0.71	18.6	В
Southbound (West Side)													
T 1.00 41.1 D T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.02 59.2 E + T 1.04 59.2 E + T 1.05 59.2 E + T 1.06 59.2 E + T 1.06 59.2 E + T 1.06 59.2 E + T 1.14 59.2 E + T 1.05 59.2 E E T 1.05 59.2 E E T 1.05 59.2 E E T 1.05 59.2 E E T 1.05 59.2 E E T 1.05 59.2 E E T 1.05 59.2 E										TR			
Eastbound (East Side)	Southbound (West Side)									L	_		
T 0.63 12.5 B T 0.65 16.5 B Northbound (East Side) TR 0.96 44.4 D T 1.14 84.2 F + T 1.14 84.2 F T 1.14 84.4 F T 1.14 84.2 F T 1.14 84.4 F T 1.14 84.2 F T 1.14 84.4 F T	5 11 1/5 1011					T				T			
Northbound (East Side) TR 0.96 44.4 D T 1.14 84.2 F + T 1.14 84.2 F F + T 1.14 84.2 F F T 1.14 84.2 F F T T 1.16 84.2 F T T 1.14 84.2 F F T T 1.16 84.2 F T T 1.14 84.2 F F T T 1.14 84.2 F F T T 1.15 70.6 T T 1.15 70.6 T T 1.15 70.6 T T 1.15 70.6 T T 1.15 70.6 T T 1.16 70.6 T T 70.6 T	Eastbound (East Side)					Ļ				L			
R 0.69 11.2 B R 0.69 11.2 B B R 0.69 11.2 B B B B B B B B B	Northborned (Foot Cide)					_							
Park Avenue & East 55th Street Westbound (East Side) TR 1.09 105.7 F TR 1.12 110.4 F + TR 1.12 110.3 F + Northbound (East Side) L 0.29 106.8 F L 0.29 140.3 F + L 0.29 142.6 F ## T 1.09 66.9 E T 1.12 70.6 E T 1.13 187.7 F + LT 1.00 71.4 E + LT 1.00 71.4 E + LT 1.33 187.7 F	Northbound (East Side)	IK	0.96	44.4	D					-			
Westbound (East Side) TR 1.09 105.7 F TR 1.12 110.4 F + TR 1.12 110.3 F + Northbound (East Side) L 0.29 106.8 F L 0.29 140.3 F + L 0.29 142.6 F ## Westbound (West Side) LT 1.09 66.9 E LT 1.12 70.6 E T 1.18 187.7 F + LT 1.00 71.5 E + T 1.38 187.7 F + T 1.38 187.7 F + T 1.38 187.7	Dark Avenue & East 55th Street					K	0.09	11.2	D	K	0.09	11.2	D
Northbound (East Side)		TD	1 00	105.7	F	TD	1 17	110 /	F ·	TD	1 12	110.2	E ,
T 1.09 66.9 E T 1.12 70.6 E T 1.12 70.6 E Westbound (West Side) LT 1.04 66.9 E LT 1.06 71.4 E + LT 1.06 71.5 E + Southbound (West Side) TR 1.07 60.6 E T 1.38 187.7 F + T 1.38 187.7 F + R 0.68 11.2 B R 0.68 11.2 B Park Avenue & East 56th Street Eastbound (West Side) TR 1.35 188.3 F TR 1.36 191.8 F + TR 1.36 191.8 F + Southbound (West Side) L 0.18 143.3 F L 0.18 145.9 F L 0.18 145.9 F T 1.00 65.3 E T 1.02 65.8 E T 1.02 65.8 E Eastbound (East Side) LT 1.16 89.7 F LT 1.16 92.8 F + LT 1.16 92.8 F + Northbound (East Side) LT 1.16 89.7 F LT 1.19 105.2 F + T 1.19 105.2 F +						I							
Westbound (West Side)	rvortribouriu (Edst Side)		_			T							
Southbound (West Side)	Westhound (West Side)					LT							
Park Avenue & East 56th Street													
Park Avenue & East 56th Street L L L L 1.36 191.8 F + TR 1.36 <t< td=""><td> </td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				1									
Eastbound (West Side) TR 1.35 188.3 F TR 1.36 191.8 F + TR 1	Park Avenue & East 56th Street												
Southbound (West Side) L 0.18 143.3 F L 0.18 145.9 F L 0.18 145.9 F T 1.00 65.3 E T 1.02 65.8 E T 1.02 65.8 E Eastbound (East Side) LT 1.16 89.7 F LT 1.16 92.8 F + LT 1.16 92.8 F + Northbound (East Side) T 1.19 105.2 F + T 1.19 105.2 F +		TR	1.35	188.3	F	TR	1.36	191.8	F +	TR	1.36	191.8	F +
Eastbound (East Side) LT 1.16 89.7 F LT 1.16 92.8 F + LT 1.16 92.8 F + Northbound (East Side) T 1.19 105.2 F + T 1.19 105.2 F +	Southbound (West Side)	L			F	L	0.18		F	L			F
Northbound (East Side) T 1.19 105.2 F + T 1.19 105.2 F +		T	1.00	65.3	E	T	1.02	65.8	E	T	1.02	65.8	E
	Eastbound (East Side)	LT	1.16	89.7	F	LT	1.16	92.8	F +	LT	1.16	92.8	F +
TR 0.91 46.1 D R 0.75 15.3 B R 0.75 15.3 B	Northbound (East Side)						1.19	105.2				105.2	F +
		TR	0.91	46.1	D	R	0.75	15.3	В	R	0.75	15.3	В

		No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	1S	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/	LOS	Movt.	V/C Ratio	Delay Sec/	LOS	Movt.	V/C Ratio	Delay Sec/	LO:	S
		Natio	Veh			Natio	Veh			Natio	Veh		
Park Avenue & East 57th Street													
Eastbound (West Side)		1.19	124.2	F	T	1.20	127.3	F +	T	1.20	127.3	F	+
Westbound (West Side)	R T	1.06 1.18	93.7 101.9	F	R T	1.08	96.4 104.3	F F	R T	1.08 1.19	96.4 104.3	F	
Southbound (West Side)	LTR	0.95	87.0	F	LTR	0.97	88.1	F	LTR	0.97	88.1	F	
Eastbound (East Side)	LT	1.21	112.6	F	LT	1.22	117.4	F +	LT	1.22	117.5	F	+
Westbound (East Side)		1.17	126.7	F	Т	1.17	129.1	F	Т	1.17	129.1	F	
	R	1.03	97.9	F	R	1.03	97.7	F	R	1.03	97.7	F	
Northbound (East Side)		0.29	686.2	F	L	0.29	685.8	F	L	0.29	685.8	F	
	T	1.01	35.8	D	T	1.04	60.9	E +	T	1.04	60.9	E	+
Madison Avenue & East 39th Street	R	0.69	21.7	С	R	0.69	15.5	В	R	0.69	15.5	В	_
Westbound	Т	1.35	187.4	F	Т	1.42	215.9	F +	Т	1.30	162.4	F	
Westbouriu	R	1.29	179.6	F	R	1.48	249.2	F +	R	1.27	156.8	F	\dashv
Northbound	LT	0.98	85.8	F	LT	1.00	88.0	F	LT	1.08	87.1	F	
Madison Avenue & East 40th Street													
Eastbound		0.70	39.5	D	L	0.82	69.5	E +	L	0.82	69.5	Е	+
No distance I	T	0.64	21.8	С	T	0.78	24.7	С	T	0.78	24.7	С	
Northbound	TR	1.07	60.0	Е	T R	1.51 0.46	251.4 8.9	F +	T R	1.51 0.46	250.7 7.0	F A	+
Madison Avenue & East 41st Street	IK	1.07	00.0	E	K	0.40	0.9	А	K	0.40	7.0	A	
Eastbound	L	0.49	49.3	D									_
	T	0.29	27.9	С	LT	0.92	58.7	E +	LT	0.92	58.7	Ε	+
Northbound					Т	1.62	303.3	F +	T	1.62	303.3	F	+
	TR	1.15	87.5	F	R	0.58	13.0	В	R	0.58	13.0	В	
Madison Avenue & East 42nd Street		441	100 5	_		4.40	400 5	-		4.40	100 5		
Eastbound	LT T	1.16 1.22	100.5 135.4	F F	LT	1.18	108.5 143.6	F +	LT T	1.18	108.5 143.6	F	+
Westbound	R	0.23	25.5	С	R	0.23	25.2	F +	R	0.23	25.2	C	+
Northbound		1.17	96.7	F	LT	1.21	114.3	F +	LT	1.21	114.3	F	+
1101111204114	R	0.71	91.4	F	R	0.74	94.5	F +	R	0.74	94.5	F	+
Madison Avenue & East 43rd Street													
Westbound		1.22	154.6	F	Т	1.31	189.6	F +	Т	1.31	189.6	F	+
N. III.	R	1.47	265.4	F	R	1.81	410.6	F +	R	1.81	410.6	F	+
Northbound	L T	0.83	28.4	C E	T	1.18	118.2 79.1	F +	L T	1.18	118.2 79.1	F E	+
Madison Avenue & East 46th Street		1.10	00.2	E	-	1.13	79.1	E +	- 1	1.13	79.1	E	+
Eastbound	LT	0.88	48.2	D	LT	0.93	96.9	F +	LT	0.93	96.9	F	+
Northbound	T	1.14	85.5	F	T	1.20	109.7	F +	T	1.20	109.7	F	+
	R	0.66	14.3	В	R	0.89	77.7	E +	R	0.89	77.7	Ε	+
Madison Avenue & East 48th Street				L			-						
Eastbound		0.94	76.7	E	L	0.96	80.1	F +		0.89	65.0	E	_
Northbound	T	0.67	22.4 62.8	C E	T	0.69 1.00	23.6 62.3	C E	T	0.68 1.02	22.5 64.6	C E	-
Nottribodita	R	0.70	28.7	С	R	0.72	22.9	С	R	0.76	26.4	С	-1
Madison Avenue & East 49th Street		0.70	20.7	Ŭ	- 1 (0.72	ZZ.7	Ŭ	- 1	0.70	20.1		
Westbound	TR	1.03	56.1	Е	TR	1.07	71.1	E +	TR	1.03	59.2	Е	
Northbound	L	0.29	10.6	В	L	0.29	10.7	В	L	0.30	10.9	В	
	T	1.02	64.8	Е	T	1.04	64.6	E	T	1.07	62.5	E	
Madison Avenue & East 53rd Street	TD	0.00	41.0	Г.	TD	0.05	41.4	D	TD	0.05	41.4		-
Westbound Northbound		0.83	41.2 9.8	D A	TR L	0.85	41.4 9.8	D A	TR L	0.85 0.18	41.4 9.8	D A	
Nottribouriu	T	0.16	62.7	E	T	0.16	65.8	E	T	0.16	65.8	E	\dashv
Madison Avenue & East 54th Street		5.76	U			0.70	55.0		<u> </u>	0.70	55.6	- -	\neg
Eastbound	LT	1.13	99.8	F	LT	1.16	113.3	F +	LT	1.16	113.3	F	+
Northbound		1.13	81.9	F	Т	1.15	89.6	F +	T	1.15	89.6	F	+
	R	0.87	36.9	D	R	0.93	42.6	D	R	0.93	42.6	D	

	I	No-	Action		With-	Action v	v/ Improv	vements	I	With N	Mitigation	15	
Intersection & Approach (Signalized Intersections)	Mov	t. V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LC)S
5th Avenue & 38th Street													
Eastbou	nd T	0.57	22.5	С	Т	0.58	22.7	С	Т	0.58	22.7	С	
	R	1.06	120.1	F	R	1.06	121.5	F	R	1.06	121.5	F	
Southbou	nd LT	1.35	172.0	F	LT	1.37	182.8	F +	LT	1.37	182.8	F	+
5th Avenue & 39th Street Westboo	nd I	0.85	54.6	D		0.93	60.8	E +	-	0.02	/1 /	Е	##
westbot	T T	1.33	182.1	F	T	1.38	204.0	E +		0.93	61.4	F	##
Southbou	<u> </u>	1.13	88.4	F	Ť	1.14	93.0	F +	<u> </u>	1.14	92.9	F	+
	R	1.06	63.2	Е	R	1.06	63.4	E	R	1.06	63.4	E	
5th Avenue & 40th Street													
Eastbou		1.31	186.0	F	TR	1.34	199.5	F +		1.34	199.5	F	+
Southbou	nd LT	1.08	67.4	Е	LT	1.20	111.0	F +	LT	1.20	111.0	F	+
5th Avenue & 42nd Street Eastbou	nd T	0.72	28.1	С	Т	0.72	28.3	С	Т	0.72	28.3	С	
Easibou	R	0.72	21.8	C	R	0.72	21.9	C	R	0.72	21.9	С	
Westbou	_	1.35	179.2	F	LT	1.37	189.4	F +		1.37	189.4	F	+
Southbou		1.49	243.8	F	LT	1.52	255.5	F +		1.52	255.4	F	+
	R	0.11	14.1	В	R	0.11	14.1	В	R	0.11	13.5	В	
5th Avenue & 43rd Street													
Westbou		0.79	18.8	В	L	0.88	29.2	С	L	1.00	37.7	D	
Southbou	nd T	0.65 1.18	12.1 105.8	B F	T	0.70 1.19	13.2	B F +	T	0.77 1.11	14.6 72.9	B E	
Southboo	R	1.76	365.2	F	R	1.19	418.8	F +	R	1.53	261.0	F	
5th Avenue & 44th Street	1	1.70	303.2		11	1.00	410.0		11	1.00	201.0	'	
Eastbou	nd T	0.40	23.0	С	Т	0.42	23.4	С	Т	0.42	23.4	С	
	R	1.12	122.4	F	R	1.17	139.2	F +	R	1.17	139.2	F	+
Southbou	nd LT	1.41	203.5	F	LT	1.43	212.4	F +	LT	1.43	212.1	F	+
5th Avenue & 47th Street		0.05	(10	-		0.00	70.7	_		0.00	70.7	_	
Westbou	nd <u>L</u> T	0.95	64.9 34.2	E C	L T	0.99	70.7	E +	L T	0.99	70.7 33.7	E C	+
Southbou		1.46	229.7	F	T	1.47	235.1	F +	T	1.47	235.1	F	+
Southboo	R	1.00	51.0	D	R	1.03	57.7	E +		1.03	57.7	Ē	+
5th Avenue & 48th Street													
Eastbou	nd T	0.64	19.8	В	Т	0.67	20.2	С	Т	0.67	20.8	С	
	R	0.98	90.5	F	R	0.99	92.5	F	R	0.99	94.6	F	#
Southbou	nd LT	1.31	162.2	F	LT	1.32	166.9	F +	LT	1.32	167.4	F	##
5th Avenue & 49th Street Westboo	nd LT	0.48	23.0	С	LT	0.50	23.2	С	LT	0.51	24.7	С	
Southbou		1.47	235.1	F	T	1.49	240.5	F +	T	1.45	224.8	F	
Southbook	R	0.37	11.7	В	R	0.37	11.7	В	R	0.36	10.3	В	
5th Avenue & 54th Street													
Eastbou	_	_		F	TR	1.08	97.0	F +		1.08	97.0	F	+
Southbou	nd LT	1.39	197.6	F	LT	1.41	206.4	F +	LT	1.41	206.4	F	+
5th Avenue & 57th Street Eastbou	nd T	1.18	124.7	F	т	1.19	128.8	F +	Т	1.15	114.0	F	
Easibou	R	1.18	124.7	F	R	1.19	126.8	F +	R	1.15	124.4	F	
Westbou		0.78	_	E	LT	0.79	89.4	F +		0.76	61.7	E	
Southbou	_	1.04	_	F	LT	1.06	84.1	F	LT	1.08	83.7	F	
	R	0.37	18.5	В	R	0.38	18.5	В	R	0.39	19.4	В	
6th Avenue & East 48th Street													
Eastbou		0.33	22.7	С	L	0.33	22.7	С	L	0.32	21.7	С	
Northbou	T nd TR	1.00	_	E C	T TR	1.02 0.76	78.4 35.9	E +	T TR	0.99	69.6 44.0	E	
6th Avenue & West 49th Street	iiu IK	0.76	34.9	U	117	0.70	33.9	υ	711	0.70	44.U	D	
Westbou	nd T	0.50	19.6	В	Т	0.52	20.7	С	Т	0.52	23.0	С	
	R	0.59	27.7	С	R	0.62	29.8	C	R	0.62	31.8	С	
Northbou	nd LT	1.06	49.2	D	LT	1.06	50.7	D	LT	1.06	49.8	D	

		No-A	ction		With-	Action w	/ Improv	ements		With N	litigation	IS
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
		No-A	ction		With-	Action w	/ Improv	ements		With N	litigation	IS
Intersection & Approach (Unsignalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
1st Avenue & East 48th Street (West Side)												
Eastbound	Ĺ	0.60	20.5	С	L	0.61	21.0	С	L	0.61	21	С
Northbound	Т	0.32	0.0	Α	T	0.32	0.0	Α	T	0.32	0	Α

- + Denotes a significant adverse traffic impact
- Unmitigated approach movements denoted by shading
- † No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of air quality mitigation measures
- †† Impact worsened by pedestrian mitigation signal timing changes
- ‡ No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of pedestrian mitigation measures
- ‡‡ Impact worsened by air quality mitigation signal timing changes
- # No significant adverse impact for the With-Action condition. Significant adverse impact is due to traffic mitigation measures at an adjacent intersection
- ## Impact worsened due to traffic mitigation measures at an adjacent intersection
- Il Proposed mitigation may be infeasible and will be reviewed as part of the traffic monitoring program. Significant adverse impact is identified as a worst-case scenario.

Greater East Midtown Rezoning EIS

Traffic LOS Tables for Proposed Action with PRI Condition with and without Proposed Mitigation- PM Peak Hour

Traffic LOS Tables for Proposed Action with	PRIC	No-A		ı witn				n- PIVI Pe rements			litigation	ne .
		NO-A			VVIIII-7	ACTION W		cilicitis		VVILITIV		13
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
1st Avenue & East 40th Street												
Eastbound	L	1.16	119.0	F	L	1.37	195.4	F +	L	1.37	195.4	F +
Northbound	T	1.37	193.5	F	T	1.40	205.4	F +	T	1.40	205.4	F +
1st Avenue & East 42nd Street												
Eastbound (East Side)	Т	0.70	15.0	В	T	0.77	16.8	В	T	0.77	16.8	В
Westbound (East Side)	TR	0.83	40.0	D	TR	0.82	39.6	D	TR	0.82	39.6	D
	R	1.30	196.5	F	R	1.30	197.2	F	R	1.30	197.2	F
Northbound (East Side)	LT	1.15	117.7	F	LT	1.25	154.5	F +	LT	1.25	154.5	F +
5 H 1044 1011	R	1.31	183.2	F	R	1.37	205.9	F +	R	1.37	205.9	F +
Eastbound (West Side)	L	1.05	93.3	F	L T	1.08	93.7	F	L	1.08	93.7	F
Manthauad (Mant Cida)	T	0.45	15.7	В		0.50	15.9	В	TD	0.50	15.9	В
Westbound (West Side)	TR L	0.59	5.5 52.3	A D	TR	0.59	5.5	A E +	TR	0.59	5.5 68.8	A E +
Northbound (West Side)	T	1.02 0.82	52.3 89.1	F	L T	0.92	68.8 87.3	E +	T	1.07 0.92	87.3	E +
1st Avenue & East 44th Street		U.ö2	δ9. I	Г		0.92	87.3	Г		0.92	87.3	Г
Eastbound	_	0.60	20.9	С	_	0.68	21.3	С	-	0.68	21.3	С
Northbound	T	0.00	2.6	A	T	0.82	3.0	A	T	0.82	3.0	A
1st Avenue & East 46th Street		0.77	2.0			0.02	3.0		<u> </u>	0.02	3.0	
Eastbound		1.20	123.1	F		1.48	243.5	F +	_	1.48	243.5	F +
Northbound	T	0.89	56.4	Ē	Ť	0.96	60.9	E +	T	0.96	60.9	E +
1st Avenue & East 47th Street		0.07	00.1	_		0.70	00.7		_	0.70	00.7	
Northbound (East Side)	Т	1.06	67.4	Е	Т	1.23	124.1	F +	Т	1.23	124.1	F +
Northbound (West Side)	Ĺ	0.55	12.5	В	Ė	0.62	12.8	В	Ĺ	0.62	12.8	В
Troitingouna (Troot olas)	T	0.70	15.4	В	T	0.71	13.0	В	T	0.71	13.0	В
1st Avenue & East 48th Street (East Side)												
Northbound	Т	0.28	0.1	Α	Т	0.29	0.2	Α	T	0.29	0.2	Α
	R	1.14	74.4	Е	R	1.43	206.1	F +	R	1.43	206.1	F +
1st Avenue & East 49th Street												
Westbound (East Side)	Τ	0.89	42.4	D	Т	0.87	40.5	D	T	0.87	40.5	D
	R	0.21	17.0	В	R	0.22	17.1	В	R	0.22	17.1	В
Northbound (East Side)	T	1.23	133.5	F	T	1.25	140.6	F +	Τ	1.25	140.6	F +
Westbound (West Side)	T	0.89	13.1	В	Т	0.87	12.2	В	Τ	0.87	12.2	В
Northbound (West Side)	LT	1.07	65.9	Ε	LT	1.14	96.1	F +	LT	1.14	96.1	F +
1st Avenue & East 53rd Street												
Westbound	TR	0.71	27.7	С	TR	0.71	27.7	С	TR	0.71	27.7	С
Northbound	L	0.64	29.1	С	L	0.64	29.3	С	L	0.64	29.3	С
	T	1.09	76.1	Ε	T	1.11	78.8	E	T	1.11	78.8	E
1st Avenue & East 54th Street												_
Eastbound	LT	1.10	97.2	F	LT	1.22	140.0	F +	LT	1.22	139.2	F +
Northbound	T	1.06	52.6	D	T	1.08	53.6	D	T	1.08	53.6	D
1 - L A	R	0.82	11.6	В	R	0.82	12.0	В	R	0.82	12.0	В
1st Avenue & East 55th Street	TD	0.72	247	-	TD	0.72	247		TD	0.75	27.1	D
Westbound Northbound	TR	0.73	34.7	С	TR	0.73	34.7	С	TR	0.75	37.1	D
Ινοππουπα	L T	1.09 0.97	62.1 33.5	E C	L T	1.09	60.9 47.7	E D +	L T	1.05 0.98	46.2 37.5	D D
1st Avenue & East 57th Street		U.9 <i>1</i>	აა.5	U		1.00	4/./	D +		U.98	3/.5	U
Eastbound	LT	0.58	33.2	С	LT	0.58	33.4	С	LT	0.58	33.4	С
Westbound	TR	0.58	48.2	D	TR	0.58	48.2	D	TR	0.58	48.2	D
Northbound	I	1.02	62.6	E	L	1.04	69.9	E +	I IX	1.04	69.9	E +
Nottribouria	T	0.86	11.1	В	T	0.90	13.7	В	T	0.90	13.7	В
	R	0.00	7.5	A	R	0.30	7.6	A	R	0.15	7.6	A
	- 1\	0.10	1.5	/\	- 11	0.10	7.0	/ \	- 1\	0.10	7.0	/ \

		No-A	ction		With-	Action w	/ Improv	ements	I	With M	litigation	ıs	
Intersection & Approach			Delay				Delay				Delay		
(Signalized Intersections)	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LO	S
			Veh				Veh				Veh		
2nd Avenue & East 36th Street													
Eastbour	_	1.56	281.2	F	TR	1.73	355.1	F +	TR	1.73	355.1	F	+
Southbour	d L	0.84	15.4	В	L	0.84	15.3	В	L	0.84	15.3	В	
2nd Arranca O Foot 27th Chrook	+ -	1.11	66.5	Ε	T	1.12	73.1	E +	- 1	1.12	73.1	Ε	+
2nd Avenue & East 37th Street Westbour	d LT	0.49	19.2	В	LT	0.49	19.2	В	LT	0.49	19.2	В	
Southbour		1.22	111.7	F	T	1.28	140.5	F +	T	1.28	140.5	F	+
Southbour	R	0.34	4.5	A	R	0.35	4.5	A	R	0.35	4.5	A	т
2nd Avenue & East 38th Street		0.01	1.0	7.	- 1	0.00	1.0	- / (- 1	0.00	1.0	,,	
Eastbour	d TR	1.04	79.6	Е	TR	1.14	110.8	F +	TR	1.14	110.8	F	+
Southbour	d LT	1.24	122.1	F	LT	1.30	149.7	F +	LT	1.30	150.7	F	##
2nd Avenue & East 39th Street													
Westbour	d L	0.34	25.0	С	L	0.37	25.6	С	L	0.41	28.0	С	
	T	0.40	25.1	С	T	0.44	25.8	С	T	0.47	28.0	С	
Southbour		1.23	117.7	F	T	1.28	144.6	F +	T	1.23	118.4	F	
and Avanua & East 40th Street	R	0.73	11.6	В	R	0.87	20.8	С	R	0.83	15.5	В	_
2nd Avenue & East 40th Street Eastbour	d T	0.93	28.6	С	Т	1.17	104.7	F +	Т	1.17	105.0	F	##
Eastboul	u i R	1.26	144.3	F	R	1.17	209.6	F +	R	1.17	209.8	F	##
Southbour		1.12	65.1	E	LT	1.19	98.3	F +	LT	1.19	99.8	F	##
2nd Avenue & East 41st Street			55.1			/	, 5.0	<u> </u>		,	.,,,,		.,, .,,
Eastbour	d TR	0.88	55.6	Е	TR	1.01	84.9	F +	Т	0.15	19.3	В	I
									R	0.85	52.5	D	
Southbour		1.20	107.8	F	LT	1.26	136.2	F +	LT	1.19	101.1	F	
	R	0.19	5.5	Α	R	0.21	5.4	Α	R	0.19	5.2	Α	
2nd Avenue & East 42nd Street				_				_				-	
Eastbour		1.16	95.8	F	TR	1.18	107.5	F +	TR	1.18	107.5	F	+
Westbour		1.81dl	168.6	F E	LT	1.98dl 1.21	186.3	F +		1.98dl	186.3 114.5	F F	+ ##
Southbour	d LT R	1.13 0.75	77.6 16.7	В	LT R	0.88	112.9 22.0	F +	LT R	1.21 0.88	24.1	С	##
2nd Avenue & East 43rd Street	K	0.75	10.7	В	IX	0.00	22.0	C	K	0.00	24.1	C	
Westbour	d LT	0.38	25.6	С	LT	0.38	25.7	С	LT	0.43	29.0	С	
Southbour		1.10	58.4	E	T	1.17	93.7	F +	T	1.10	57.5	E	
	R	1.06	53.4	D	R	1.24	129.2	F +	R	1.13	78.7	Ε	+
2nd Avenue & East 44th Street													
Eastbour		0.92	27.0	С	TR	1.27	147.6	F +	TR	1.27	148.8	F	##
Southbour	d LT	1.12	62.7	Ε	LT	1.17	88.2	F +	LT	1.17	90.6	F	##
2nd Avenue & East 45th Street		4.00	0/ /	_		4.00	0/.0	-		0.50	40.7	-	
Westbour		1.09	86.4	F E	LT	1.09	86.0	F +	LT	0.59	12.7	B E	
Southbour	u i R	1.11 0.90	61.4 22.5	C	T R	1.16	87.8 72.5	F +	R	1.10 0.67	55.3 6.2	A	
2nd Avenue & East 46th Street	IX	0.70	22.0	U	17	1.10	12.0	_ +		0.07	U.Z	А	\dashv
Eastbour	d TR	1.22dr	63.7	Е	TR	1.29dr	90.3	F +	TR	1.29dr	89.8	F	+
Southbour		1.09	53.6	D	LT	1.16	84.2	F +	LT	1.16	86.1	F	##
2nd Avenue & East 47th Street													
Westbour	_	0.58	24.4	С	LT	0.66	27.6	С	LT	0.74	34.6	С	
Southbour		1.12	63.2	E	Т	1.19	95.3	F +	Т	1.12	63.4	E	
2-14	R	1.17	94.2	F	R	1.24	123.3	F +	R	1.14	80.1	F	
2nd Avenue & East 48th Street	4 TD	1 10	00.4	_	TD	1 10	122.0	_	TD	1 10	121 4		
Eastbour Southbour		1.10	99.4 62.2	F E	TR LT	1.19	132.8 71.0	F +	TR	1.19	131.4	F E	+
2nd Avenue & East 49th Street	u LI	1.07	UZ.Z	C	LI	1.12	/1.0	E +	LI	1.12	00.3	Ľ.	+
Westbour	d I	1.11	93.2	F	-	1.28	162.1	F +	I	1.11	89.6	F	
Westbour	T	0.39	18.2	В	T	0.41	20.1	С	T	0.38	18.4	В	
Southbour	d T	0.91	47.5	D	_ T	0.95	48.4	D	T	1.01	50.7	D	
	R	0.46	1.9	Α	R	0.46	1.9	Α	R	0.50	4.1	Α	
2nd Avenue & East 50th Street													
Eastbour		1.09	89.0	F	TR	1.15	109.6	F +		1.15	108.9	F	+
Southbour	d LT	1.11	60.7	Ε	LT	1.15	76.7	E +	LT	1.15	76.8	E	+
2nd Avenue & East 51st Street	1 T	0.70	27/		17	0.72	י די	D	1.7	0.72	י די	P	_
Southbour	LT d T	0.73 1.07	37.6 54.3	D D	LT T	0.73 1.10	37.7 57.1	D E	LT T	0.73 1.10	37.7 57.1	D E	
Southbour	u i R	0.94	21.5	С	R	0.99	30.3	C	R	0.99	30.3	С	
	- 11	0.77	21.0	J	.,	0.77	55.5	Ŭ		0.77	55.5	J	

	T	No-A	ction		With-	Action w	/ Improv	/ements		With M	litigation	1S
Intersection & Approach		V/C	Delay			V/C	Delay			V/C	Delay	
(Signalized Intersections)	Movt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS
2nd Avenue & East 52nd Street			= 1.0	,	-		= 4.0					
Eastbound Southbound		0.85	51.2 2.0	D A	TR	0.92	51.8 1.9	D A	TR	0.92	49.5 1.9	D A
Southbound	T	1.29	145.4	F	T	1.33	163.6	F +	T	1.33	163.6	F +
2nd Avenue & East 53rd Street										7.00		
Westbound		0.96	60.1	Ε	LT	0.96	61.0	E	LT	0.96	61.0	E
Southbound	T R	1.38	191.5	F B	T	1.43	213.3	F +	T R	1.43	213.8	F ##
2nd Avenue & East 54th Street	R	0.65	10.6	В	R	0.69	12.0	В	K	0.69	12.8	В
Eastbound	TR	0.48	30.2	С	TR	0.57	31.5	С	TR	0.59	32.0	С
Southbound		0.05	1.1	Α	L	0.05	1.1	Α	L	0.05	1.1	Α
2 14 25 1551 21	T	1.46	221.2	F	T	1.49	237.9	F +	T	1.46	222.8	F
2nd Avenue & East 55th Street Westbound		0.35	27.7	С	-	0.35	27.7	С		0.35	27.6	С
Westbound	T	1.09	87.1	F	T	1.08	86.4	F	T	1.08	86.7	F
Southbound	Ť	1.45	219.1	F	Ť	1.49	236.4	F +	T	1.49	236.9	F ##
	R	0.25	3.4	Α	R	0.26	3.5	Α	R	0.26	4.3	Α
2nd Avenue & East 56th Street	-	0.70	2/ /	^	-	0.77	27.2	C	-	0.70	27 /	
Eastbound	T R	0.62	26.6 23.3	C	R	0.66	27.3	C	T R	0.68	27.6 24.7	C
Southbound		0.43	1.5	A	L	0.47	1.5	A	L	0.10	1.5	A
	Т	1.32	158.8	F	Т	1.34	171.2	F +	T	1.31	158.1	F
2nd Avenue & East 57th Street												
Eastbound		1.22	127.7	F	T	1.24	139.7	F +	T	1.24	139.7	F +
	R LT	0.30 0.88dl	23.6	C	R LT	0.31 0.88dl	23.5	C	R LT	0.31 0.88dl	23.5	C
Southbound		0.60	16.8	В	L	0.60	16.7	В	L	0.60	16.7	В
	Т	1.07	68.8	E	Т	1.09	68.6	E	T	1.09	68.6	E
	R	0.82	26.9	С	R	0.82	26.4	С	R	0.82	26.5	С
2nd Avenue & East 59th Street		1.00	102 5	F		1.40	211 /	F +		1.40	011.1	F +
Eastbound	TR	1.35 0.76	183.5 298.5	F	TR	1.42 0.76	211.6 298.7	F +	TR	1.42 0.76	211.1 297.6	F +
Southbound		1.08	62.0	E	L	1.10	62.6	E	L	1.10	62.6	E
	LT	1.15	83.1	F	LT	1.16	87.7	F +	LT	1.16	87.7	F +
2nd Avenue & East 60th Street		0.00	440	_		0.00	440	-		0.00	440	-
Westbound Southbound		0.02	14.2 14.9	B B	LT	0.02	14.2 14.9	B B	LT	0.02	14.2 14.9	B B
Southbound	T	1.09	77.5	E	T	1.11	79.7	E	T	1.11	79.7	E
	R	0.11	15.7	В	R	0.12	15.7	В	R	0.12	15.7	В
Westbound (Bridge Exit)	L	1.16	111.4	F	L	1.17	116.1	F +	L	1.17	116.1	F +
Turned Fulk Cheese 0 Feet 27th Cheese	Т	1.02	69.4	E	T	1.02	69.4	E	T	1.02	69.4	E
Tunnel Exit Street & East 37th Street Westbound	TR	0.50	48.7	D	TR	0.51	48.7	D	TR	0.51	48.7	D
North-Westbound		0.24	0.1	А	L	0.24	0.1	A	L	0.24	0.1	A
	R	0.50	11.9	В	R	0.51	12.1	В	R	0.51	12.1	В
Tunnel Exit Street & East 39th Street	TD	0.57	00.0		TD	0.74	00.7	_	TD	0.44	00.0	0
Westbound	TR LT	0.56 1.14dl	28.3 13.3	C B	TR LT	0.64 1.16dl	28.6 13.6	C B	TR IT	0.64 1.16dl	29.2 13.6	В
Tunnel Exit Street & East 40th Street	LI	1.14ul	13.3	D	LI	1.10ul	13.0	D	LI	1.10ul	13.0	D
Eastbound	LT	1.27	140.3	F	LT	1.31	161.7	F +	LT	1.27	140.2	F
Northbound	TR	0.22	12.4	В	TR	0.24	12.1	В	TR	0.24	12.3	В
3rd Avenue & East 36th Street	1.7	1.50	252.7	_	1.7	1//	224.0	_	17	1//	221.0	_
Eastbound Northbound		1.50 0.57	252.7 19.8	F B	LT TR	1.66 0.58	321.8 20.0	F +	LT TR	1.66 0.58	321.8 20.0	F +
ivoi tribourio	R	1.13	141.2	F	R	1.16	149.7	F +	R	1.16	149.7	F +
3rd Avenue & East 37th Street												
Westbound		0.56	16.3	В	TR	0.57	16.4	В	TR	0.56	15.6	В
Magalita	R	1.03	112.9	F	R	1.07	124.4	F +	R	1.01	104.9	F
Northbound 3rd Avenue & East 38th Street	LT	0.60	5.7	Α	LT	0.61	5.9	Α	LT	0.63	6.9	Α
Eastbound	LT	0.70	37.3	D	LT	1.06dl	53.3	D +	LT	0.99dl	44.6	D
Northbound		0.67	11.0	В	T	0.70	12.8	В	T	0.73	12.4	В
	R	0.35	9.0	Α	R	0.46	11.6	В	R	0.48	12.3	В

			No-A	ction		With-A	Action w	// Improv	ements		With N	litigation	15
Intersection & Approach (Signalized Intersections)	M	lovt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
3rd Avenue & East 39th Street													
Westb		Τ	1.15	117.4	F	Т	1.27	167.2	F +	Т	1.27	167.2	F +
		R	0.50	30.0	С	R	0.56	33.4	С	R	0.56	33.4	С
Northb			1.00	70.7	F		11/	00.1	F +	L	0.76	28.7	С
3rd Avenue & East 40th Street		LT	1.03	70.7	E	LT	1.16	93.1	F +	Т	1.02	66.7	Е
Eastl	ound	LT	1.54	285.5	F	L	0.83	43.5	D	L	0.99	70.9	E
Edsta	- Carla		1.01	200.0		T	1.23	152.2	F	T	1.46	249.1	F
Northb	ound	Т	1.14	87.1	F	Т	1.27	144.0	F +	Т	1.14	78.9	Е
		R	1.04	77.4	Ε	R	1.09	78.5	E	R	0.93	44.3	D
3rd Avenue & East 41st Street													
Eastb		LT	1.10	96.5	F	LT	0.34	10.8	В	LT	0.40	13.8	В
Westb		R	0.80	53.6	D	R	0.88	64.7	E +	R	1.06	112.0	F †
Northb		T R	1.09 0.28	65.7 13.8	E B	T R	1.29 0.43	149.9 15.5	F +	T R	1.09 0.35	63.7 11.8	E B
3rd Avenue & East 42nd Street		1/	0.20	13.0	D	IV.	0.43	10.0	D	IV	0.33	11.0	В
Eastb	ound	L	1.12	101.9	F	L	1.10	96.9	F	L	1.10	96.9	F
		Т	1.05	66.5	Ε	Т	1.07	76.6	E +	Т	1.07	76.6	E +
Westb		Τ	0.91	34.1	С	Т	0.96	38.2	D	T	0.96	38.2	D
		R	1.21	133.2	F	R	1.22	136.3	F +	R	1.22	136.3	F +
Northb	ound	LT	1.04	72.7	Е	L	0.96	39.9	D	L	0.96	41.1	D
	_	_	0.01	40.0		T	0.89	51.7	D	T	0.89	49.2	D F #
3rd Avenue & East 43rd Street		R	0.91	40.9	D	R	1.12	97.7	F +	R	1.12	98.4	F #
Westb	ound -	TR	0.71	20.2	С	TR	0.80	19.7	В	TR	0.88	30.0	С
Northb		LT	1.03	61.6	E	LT	1.06	66.0	E +	LT	0.98	60.7	Ē
3rd Avenue & East 44th Street													
Eastb	ound	LT	0.30	27.2	С	LT	0.30	27.0	С	LT	0.32	29.1	С
Northb		Τ	1.15	78.2	Ε	Т	1.20	104.1	F +	Т	1.11	64.3	E
0.14	_	R	1.44	219.9	F	R	5.24	1923.9	F +	R	3.58	1182.2	F +
3rd Avenue & East 45th Street		т .	0.77	140	D		0 / 1	10.4	D	Т	0//	10.0	- D
Westb		T R	0.67	14.2 38.7	B D	T R	0.61 1.04	13.4 74.1	B E +	R	0.66 1.26	19.8 176.0	B F †
Northb		N	0.00	30.7	D	L	0.99	29.8	C	I	0.87	15.0	В
115.11.12		LT	1.11	66.0	Е	T	0.98	56.4	Ē	T	0.90	56.0	E
3rd Avenue & East 46th Street													
Eastb	ound	L	0.35	41.1	D	L	0.40	42.5	D	L	0.45	44.6	D
		T	0.69	27.8	С	T	0.76	31.6	С	T	0.80	33.5	С
Northb		T	1.14	73.8	E	T	1.23	119.6	F +	T	1.16	89.9	F +
2rd Avenue 9 East 47th Street	-	R	0.93	21.3	С	R	0.96	36.8	D	R	0.88	28.6	С
3rd Avenue & East 47th Street Westb	ound	T	1.00	58.2	Е	Т	1.09	81.3	F +	Т	1.17	116.5	F †
West		R	0.64	25.8	С	R	0.71	27.9	C	R	0.79	34.6	C
Northb		.,	0.0.	20.0	Ŭ	L	1.46	231.5	F +	L	1.30	158.5	F
		LT	1.13	81.6	F	Т	0.94	68.3	E	Т	0.86	26.0	С
3rd Avenue & East 48th Street													
Eastb	ound	L	0.24	21.4	С	L	0.30	22.2	С	L	0.34	25.0	С
		T	0.50	23.6	С	T	0.53	24.1	С	T	0.59	27.2	С
Northb		T R	1.11	75.5	E	T	1.18	107.6	F +	T	1.05	70.9	E
		K	0.97	45.4	D	R	1.13	116.1	F +	R	0.95	63.2	E +

		No-A	ction		With-	Action w	ا/ Impro	rements		With N	litigatior	1S
Intersection & Approach		1110	Delay				Delay				Delay	
(Signalized Intersections)	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LOS	Movt.	V/C Ratio	Sec/	LOS
		Kalio	Veh			Kaliu	Veh			Kalio	Veh	
3rd Avenue & East 49th Street												
Westbound	Т	0.61	23.0	С	Т	0.63	23.7	С	Т	0.68	28.4	С
	R	0.56	48.5	D	R	0.61	51.1	D	R	0.78	72.6	E 1
Northbound					L	0.60	17.6	В	L	0.55	17.3	В
	LT	1.13	86.3	F	T	1.06	70.4	E	T	0.96	54.5	D
3rd Avenue & East 50th Street												
Eastbound		0.80	38.7	D	L	0.84	23.7	С	L	0.92	30.8	С
Northbound	T	0.79	33.5 69.5	C E	T	0.83	21.8 97.4	C F +	T	0.89 1.07	26.7 64.4	C E
Northbound	R	0.61	21.1	С	R	0.66	22.2	F +	R	0.57	19.7	В
3rd Avenue & East 51st Street	K	0.01	Z 1. I	C	I	0.00	22.2	C	IX	0.57	17.7	D
Westbound	Т	1.11	100.0	F	Т	1.14	110.4	F +	Т	1.23	146.5	F †
Westbourn	R	0.66	28.5	C	R	0.71	31.8	C	R	0.77	39.2	D
Northbound					L	5.02	1825.2	F +	L	4.52	1599.7	F +
	LT	1.12	82.7	F	T	0.91	72.4	E	T	0.83	27.2	С
3rd Avenue & East 52nd Street												
Eastbound	LT	0.90	45.2	D	LT	0.96	55.2	E +	LT	1.03	76.7	E †
Northbound	Т	1.12	76.3	Е	Т	1.19	107.5	F +	Т	1.08	69.2	Е
	R	0.93	43.1	D	R	1.17	152.8	F +	R	0.93	77.5	E +
3rd Avenue & East 53rd Street	_			_	_			_	-			
Westbound	T	1.04	60.1	E	T	1.07	70.4	E +	T	1.15	100.2	F †
Northbound	R LT	0.84	69.1 92.6	E F	R LT	0.83	107.9 123.3	F +	R	1.04	120.5 75.8	F †
3rd Avenue & East 54th Street	LI	1.15	92.0	Г	LI	1.21	123.3	F +	LI	1.11	75.8	E
Eastbound	L	1.05	100.4	F		1.07	111.4	F +	L	1.30	194.7	F †
Eastbound	T	0.67	37.9	D	T	0.76	42.7	D	T	0.81	48.1	D 1
Northbound	Ť	1.09	77.2	Ē	Ť	1.15	97.4	F +	Ť	1.05	72.8	E
	R	0.85	37.6	D	R	0.87	38.6	D	R	0.80	31.6	С
3rd Avenue & East 55th Street												
Westbound	T	1.10	84.0	F	T	1.23	141.8	F +	T	1.34	191.2	F †
	R	1.00	92.8	F	R	1.15	126.4	F +	R	1.27	169.5	F †
Northbound					L	0.73	18.2	В	L	0.66	13.9	В
	LT	1.23	124.3	F	T	1.12	74.0	Е	T	1.03	59.9	E
3rd Avenue & East 56th Street				_				_				
Eastbound (West Side)	LT	1.09	84.5	F	LT	1.16	111.0	F +	LT	1.28	162.5	F †
Northbound (West Side)	T	1.27	146.1	F	T LT	1.36	185.5	F +	T _LT	1.27	141.9	F
Eastbound (East Side) Northbound (East Side)	LT TR	0.63	3.9 78.9	A E	TR	0.67 1.21	4.1 115.8	A F +	TR	0.73	5.6 74.9	A E
3rd Avenue & East 57th Street	711	1.13	10.7	E	711	1.21	113.0	1 +	711	1.12	14.7	L
Eastbound (West Side)	LT	1.36	204.0	F	LT	1.37	208.7	F +	LT	1.37	209.0	F †
Westbound (West Side)	TR	0.83	23.7	С	TR	0.83	23.7	С	TR	0.83	23.7	С
Northbound (West Side)	LT	1.17	98.5	F	LT	1.25	133.5	F +	LT	1.20	111.5	F +
Eastbound (East Side)	Τ	1.16	91.0	F	Т	1.17	95.7	F +	Τ	1.17	95.7	F +
Westbound (East Side)	T	0.86	55.8	Ε	T	0.86	55.6	Е	T	0.86	55.6	E
	R	0.75	54.9	D	R	0.75	54.7	D	R	0.75	54.7	D
Northbound (East Side)		1.09	66.0	Ε	TR	1.17	98.4	F +	TR	1.17	100.6	F †
	R	1.11	75.5	Ε	R	1.16	97.1	F +	R	1.16	99.2	F †
3rd Avenue & East 59th Street		0.7/	00.4	0		0.77	00.7	0		0.00	00.0	0
Eastbound	LT	0.76	29.1	С	LT	0.77	29.7	C	LT	0.82	33.8	C
Northbound	T R	0.56 1.47	5.8 246.7	A F	T R	0.59	5.8 282.3	A F +	T R	0.57 1.43	4.8 225.5	A F
Lexington Avenue & East 36th Street	К	1.47	Z40./	Г	К	1.30	202.3	F +	ΙK	1.43	220.0	Г
Eastbound	TR	1.20	146.7	F	TR	1.32	193.1	F +	TR	1.32	194.1	F #
Southbound	LT	1.10	64.9	E	LT	1.14	83.3	F +	LT	1.14	82.8	F +
Lexington Avenue & East 38th Street	_'	1.10	01.7	-		1.17	55.5	· ·		1.17	02.0	
Eastbound	Т	0.74	41.8	D	Т	0.98	87.0	F +	Т	0.96	85.7	F +
	R	1.57	310.0	F	R	1.60	319.2	F +	R	1.49	272.1	F
Southbound		0.13	1.1	Α	L	0.14	1.0	Α	L	0.14	1.9	Α
	T	0.55	1.7	Α	Т	0.57	1.7	Α	Τ	0.59	2.5	Α

	1	No-A	ction		With-A	Action w	// Improv	ements		With N	litigation	is
Intersection & Approach			Delay				Delay				Delay	
(Signalized Intersections)	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS
Lexington Avenue & East 39th Street												
Westbound		0.77	35.3	D	L	0.84	39.2	D	L	0.84	38.9	D
Couthham	T	1.32	168.0	F	T	1.51	255.1	F +	TD	1.51	254.9	F +
Southbound	TR	1.02	60.1	Ε	TR	1.08	61.5	E	TR	1.08	60.5	E
Lexington Avenue & East 40th Street Eastbound	Т	0.81	30.4	С	Т	1.07	77.0	E +	Т	1.04	75.7	E +
Eastboulid	R	1.21	140.4	F	R	1.07	160.0	E +	R	1.04	121.2	E +
Southbound		1.21	140.4	F	L	0.46	5.1	Α	L	0.47	5.4	A
Southbould	LT	0.87	17.7	В	T	0.40	17.5	В	T	0.47	25.9	C
Lexington Avenue & East 42nd Street		0.07	17.7		_	0.00	17.0			0.00	20.7	-
Eastbound	Т	1.19	117.5	F	Т	1.20	121.5	F +	Т	1.20	121.5	F +
	R	0.28	24.3	С	R	0.28	24.3	С	R	0.28	24.3	С
Westbound	LT	1.57	289.9	F	LT	1.66	328.0	F +	LT	1.66	328.0	F +
Southbound	L	1.02	80.5	F	L	1.12	91.1	F +	L	1.12	91.0	F +
	T	1.00	69.7	Ε	Т	1.05	71.4	Ε	Т	1.05	71.3	E
	R	1.21	128.1	F	R	1.33	181.1	F +	R	1.33	181.0	F +
Lexington Avenue & East 44th Street												
Southbound	LT	1.17	96.7	F	LT	1.23	124.6	F +	LT	1.18	99.0	F
Lexington Avenue & East 45th Street				L_	L				L			_
2	LT	1.06	80.6	F	LT	1.02	72.3	E	LT	1.02	74.0	E
Southbound		1.04	60.5	E	T	1.09	62.9	E	T	1.09	62.0	E
Louis atom Assessed & Foot A/Ab Charat	R	0.36	11.2	В	R	0.42	11.4	В	R	0.42	10.7	В
Lexington Avenue & East 46th Street	Т	1 10	111 7	F	т	1.33	178.5	F +	Т	1 22	170 E	F +
Eastbound	R	1.18 0.30	111.7 28.0	С	T R	0.30	27.9	F +	R	0.30	178.5 27.9	F +
Southbound		0.30	20.0	C	L	0.39	4.4	A	L	0.39	4.4	A
Journabound	LT	1.11	62.3	Е	T	1.05	57.1	E	Ť	1.05	57.1	E
Lexington Avenue & East 47th Street		1.11	02.0		_	1.00	07.1	_		1.00	07.1	_
Westbound	L	1.12	103.5	F	L	1.18	128.3	F +	L	1.18	127.3	F +
	Т	1.17	108.2	F	Т	1.41	215.2	F +	Т	1.41	214.4	F +
Southbound	Т	1.12	73.8	Ε	Т	1.18	102.1	F +	Т	1.18	102.0	F +
	R	0.93	31.8	С	R	1.24	147.8	F +	R	1.24	147.7	F +
Lexington Avenue & East 48th Street												
Eastbound		1.03	77.9	Ε	Τ	1.09	96.1	F +	T	1.09	96.1	F +
	R	1.11	126.1	F	R	1.18	152.4	F +	R	1.18	152.4	F +
					L	0.87	23.5	С	L	0.87	32.2	С
Southbound	LT	1.06	67.2	Ε	Т	0.95	62.2	Е	T	0.95	65.3	E
Lexington Avenue & East 49th Street	1 7	0.77	20.7		17	0.71	20.2	D	17	0.74	42.2	D
Westbound Southbound	LT	0.66	38.6	D E	LT	0.71 1.04	39.3	D E	LT T	0.74	43.3	D E
Sontubonud	T R	0.99	67.1 13.7	B	T R	0.42	69.8 15.7	B	R	1.02 0.40	65.6 14.4	B
Lexington Avenue & East 50th Street	ı۸	0.31	13.1	ט	۱۱	0.42	13.7	D	- 1\	0.40	14.4	D
Eastbound	TR	0.37	24.6	С	TR	0.38	25.8	С	TR	0.38	25.8	С
Southbound		5.07	21.0	Ť	L	2.58	736.1	F +	L	2.58	729.4	F +
		1 15	07.0	F	Т	1.01	61.2	E	T	1.01	56.4	E
	LT	1.15	87.9	Г								
Lexington Avenue & East 51st Street	LT	1.15	87.9	Г			0112					
Lexington Avenue & East 51st Street Westbound		0.99	62.4	E	L	1.04	73.5	E +	L	0.95	52.0	D
3					L T				L T	0.95	52.0 43.4	D D
3	L T	0.99 0.99 0.94	62.4 44.5 60.6	E D E	T	1.04 1.01 0.99	73.5 51.7 53.4	E + D + D	T	0.99 1.02	43.4 58.7	D E
Westbound Southbound	L	0.99	62.4 44.5	E D		1.04	73.5 51.7	E + D +		0.99	43.4	D
Westbound Southbound Lexington Avenue & East 52nd Street	L T T R	0.99 0.99 0.94 0.53	62.4 44.5 60.6 13.2	E D E B	T R	1.04 1.01 0.99 0.59	73.5 51.7 53.4 16.0	E + D + D B	T R	0.99 1.02 0.61	43.4 58.7 16.4	D E B
Westbound Southbound	L T T R	0.99 0.99 0.94 0.53	62.4 44.5 60.6 13.2 25.2	E D E B	T R	1.04 1.01 0.99 0.59	73.5 51.7 53.4 16.0	E + D + D B	T R	0.99 1.02 0.61 0.61	43.4 58.7 16.4 25.8	D E B
Westbound Southbound Lexington Avenue & East 52nd Street Eastbound	L T T R	0.99 0.99 0.94 0.53	62.4 44.5 60.6 13.2	E D E B	T R T R	1.04 1.01 0.99 0.59 0.65 0.97	73.5 51.7 53.4 16.0 27.9 80.7	E + D + D B C F +	T R T R	0.99 1.02 0.61 0.61 0.83	43.4 58.7 16.4 25.8 55.1	D E B C
Westbound Southbound Lexington Avenue & East 52nd Street	L T T R	0.99 0.99 0.94 0.53 0.60 0.92	62.4 44.5 60.6 13.2 25.2 51.7	E D E B C D	T R T R	1.04 1.01 0.99 0.59 0.65 0.97 0.82	73.5 51.7 53.4 16.0 27.9 80.7 45.2	E + D + D B C F + D	T R T R	0.99 1.02 0.61 0.61 0.83 0.92	43.4 58.7 16.4 25.8 55.1 67.6	D E B C E
Westbound Southbound Lexington Avenue & East 52nd Street Eastbound Southbound	L T T R	0.99 0.99 0.94 0.53	62.4 44.5 60.6 13.2 25.2	E D E B	T R T R	1.04 1.01 0.99 0.59 0.65 0.97	73.5 51.7 53.4 16.0 27.9 80.7	E + D + D B C F +	T R T R	0.99 1.02 0.61 0.61 0.83	43.4 58.7 16.4 25.8 55.1	D E B C
Westbound Southbound Lexington Avenue & East 52nd Street Eastbound Southbound Lexington Avenue & East 53rd Street	L T T R	0.99 0.99 0.94 0.53 0.60 0.92	62.4 44.5 60.6 13.2 25.2 51.7	E D E B C D E	T R T R	1.04 1.01 0.99 0.59 0.65 0.97 0.82 0.96	73.5 51.7 53.4 16.0 27.9 80.7 45.2 46.1	E + D + D B C C F + D D D	T R T R	0.99 1.02 0.61 0.61 0.83 0.92 1.01	43.4 58.7 16.4 25.8 55.1 67.6 74.4	D E B C E E
Westbound Southbound Lexington Avenue & East 52nd Street Eastbound Southbound	L T T R T R	0.99 0.99 0.94 0.53 0.60 0.92 1.05	62.4 44.5 60.6 13.2 25.2 51.7 73.4	E D E B C D E B	T R T R L	1.04 1.01 0.99 0.59 0.65 0.97 0.82 0.96	73.5 51.7 53.4 16.0 27.9 80.7 45.2 46.1	E + D + D B C C F + D D B B	T R T R L	0.99 1.02 0.61 0.61 0.83 0.92 1.01	43.4 58.7 16.4 25.8 55.1 67.6 74.4	D E B C E E E
Westbound Southbound Lexington Avenue & East 52nd Street Eastbound Southbound Lexington Avenue & East 53rd Street	L T T R T R	0.99 0.99 0.94 0.53 0.60 0.92	62.4 44.5 60.6 13.2 25.2 51.7	E D E B C D E	T R T R	1.04 1.01 0.99 0.59 0.65 0.97 0.82 0.96	73.5 51.7 53.4 16.0 27.9 80.7 45.2 46.1	E + D + D B C C F + D D D	T R T R	0.99 1.02 0.61 0.61 0.83 0.92 1.01	43.4 58.7 16.4 25.8 55.1 67.6 74.4	D E B C E E

		No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	1S
Intersection & Approach			Delay				Delay				Delay	
(Signalized Intersections)	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS	Movt.	V/C Ratio	Sec/ Veh	LOS
Lexington Avenue & East 54th Street												
Eastbound	TR	0.86	30.2	С	TR	0.93	35.1	D	TR	0.93	35.1	D
Southbound					L	0.37	7.5	Α	L	0.37	7.5	Α
	LT	1.06	54.3	D	T	0.97	29.3	С	T	0.97	29.3	С
Lexington Avenue & East 55th Street		0.00	00.7	-		0.07	70.0	_		0.07	(5.0	-
Westbound	L T	0.83	38.6	D	T	0.97	70.0	E +	T	0.97	65.8	E +
Southbound	T	0.77	21.1 39.9	C D	T	0.91	37.5 29.9	С	T	0.91	34.6 29.9	C
Southbould	R	0.52	12.1	В	R	0.56	12.4	В	R	0.56	12.4	В
Lexington Avenue & East 56th Street		0.02	12.1	D		0.00	12.1	5		0.00	12.1	D
Eastbound	T	0.77	15.9	В	Т	0.83	19.2	В	T	0.83	19.2	В
	R	0.93	44.4	D	R	0.93	45.6	D	R	0.93	45.6	D
Southbound	LT	1.03	72.5	Ε	LT	1.06	74.4	Е	LT	1.06	74.2	E
Lexington Avenue & East 57th Street												
Eastbound	T	1.42	217.0	F	T	1.43	223.1	F +	T	1.39	204.9	F
\M/o	R	0.59	32.4	C F	R LT	0.61 1.56dl	35.5	D F	R LT	0.59	31.8	C F
Westbound Southbound	LT LT	1.56dl 1.02	98.0 87.0	F	LT	1.5601	96.0 85.9	F	LT	1.56dl 1.08	97.4 85.3	F
Southbound	R	0.37	20.3	С	R	0.37	20.6	С	R	0.38	21.5	С
Park Avenue & East 36th Street	<u> </u>	5.07		J	<u> </u>	5.07			<u> </u>	0.00	21.0	Ŭ
Eastbound (West Side)	TR	1.01	66.8	Е	TR	1.03	83.9	F +	TR	0.97	60.7	E
Southbound (West Side)	LT	0.75	10.4	В	LT	0.81	11.7	В	LT	0.85	15.7	В
Eastbound (East Side)	LT	0.65	14.3	В	LT	0.70	29.9	С	LT	0.66	18.8	В
Northbound (East Side)	TR	0.59	18.1	В	TR	0.60	18.2	В	TR	0.63	20.1	С
Park Avenue & East 38th Street				_				_				_
Eastbound (West Side)	TR	1.00	65.6	E	TR	1.05	78.8	E +	TR	0.98	60.3	E
Southbound (West Side)	LT L	0.70	6.0 7.9	A	LT I	0.74	6.2	A	LT I	0.78	8.7 7.5	A
Eastbound (East Side) Eastbound (East Side)	T	0.23	9.3	A	T	0.23	8.1 10.8	В	T	0.22	8.9	A A
Northbound (East Side)	TR	0.47	51.1	D	TR	1.01	74.0	E +	T	0.47	11.5	В
Northbound (East Side)	110	0.71	31.1		110	1.01	74.0		R	0.67	17.7	В
Park Avenue & East 39th Street												
Westbound (East Side)	TR	1.26	142.7	F	TR	1.42	214.7	F +	TR	1.42	214.7	F +
Northbound (East Side)	LT	0.97	78.5	Ε	LT	0.87	73.7	Е	LT	0.87	78.6	E
Westbound (West Side)	LT	1.09	65.6	E	LT	1.24	131.5	F +	LT	1.24	131.5	F +
Southbound (West Side)	T	0.82	66.8	E	T	0.87	70.5	E	T	0.87	70.5	E
Park Avenue & East 40th Street	R	1.16	103.7	F	R	1.30	163.2	F +	R	1.30	163.2	F +
Eastbound (West Side)	TR	1.43	238.6	F	TR	1.70	351.5	F +	TR	1.70	351.5	F +
Southbound (West Side)	T	1.18	118.7	F	T	3.43	1117.7	F +	T	3.43	1117.7	F +
Eastbound (Tunnel Exit)	LT	1.66	318.6	F	LT	1.65	314.7	F	LT	1.65	314.7	F
Northbound (Tunnel Exit)	T	0.87	20.2	C	T	0.87	20.9	C	T	0.87	21.1	C
Eastbound(East Side)	LT	1.55	265.9	F	T	1.53	257.4	F	T	1.53	257.4	F
Northbound(East Side)	TR	1.07	71.6	Ε	R	1.89	434.1	F +	R	1.89	433.5	F +
Park Avenue & East 46th Street	_		400-	_	_	4 *-	400	_	_	4.0-	400	-
Eastbound (West Side)	T	1.16	109.3	F	T	1.25	138.0	F +	T	1.25	138.0	F +
Southbound (West Side)	R L	0.40	24.1	С	R	0.40	21.3	С	R	0.40	21.3	C
Southbouria (west Side)	T	0.66 1.12	75.9 72.6	E	T	0.77 1.22	76.7 117.9	E F +	L	0.77	76.7 117.9	E F +
Eastbound (East Side)	Ė	0.82	14.8	В	÷	0.96	24.2	F +	Ė	0.96	24.2	C
Edstaduna (Edst Sluc)	T	1.20	109.2	F	T	1.34	172.2	F +	T	1.34	172.2	F +
Northbound (East Side)	T	0.90	45.2	D	Т	0.90	69.2	E +	T	0.90	69.2	E +
Park Avenue & East 47th Street												
Westbound (East Side)	T	0.99	36.6	D	Т	1.22	121.0	F +	Τ	1.22	121.0	F +
	R	0.74	17.5	В	R	0.79	18.1	В	R	0.79	18.1	В
Northbound (East Side)	L	0.27	95.7	F	L	0.28	100.9	F +	L	0.28	100.9	F +
Maath I AM at OU 1	T	1.05	66.3	E	T	1.07	66.8	E	T	1.07	66.8	E
Westbound (West Side) Southbound (West Side)	LT	1.05	63.2	Ε	LT T	1.23	124.7 70.1	F +	LT T	1.23	70.1	F +
Southbound (west side)	TR	1.04	68.8	Е	R	0.96	37.3	D	R	0.96	37.3	E D
	11/	1.04	00.0		I/	U.7U	JI.J	υ	1/	U.7U	JI.J	U

		No-A	ction		With-	Action w	// Improv	/ements		With M	litigation	ıs
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
Park Avenue & East 48th Street												
Eastbound (West Side)		0.59	35.8	D	T	0.63	35.8	D	T	0.63	35.2	D
Southbound (West Side)	R	0.32	30.4 50.4	C D	R	0.45	32.7 78.3	C E +	R	0.45	32.2	C E +
Southbound (West Side)	T	0.22	63.0	E	T	1.05	78.3 58.8	E +	L T	0.22 1.05	78.3 58.8	E +
Eastbound (East Side)	İT	0.91	35.9	D	LT	0.96	44.3	D	LT	0.96	44.3	D
Northbound (East Side)		0171	0017		T	1.40	202.4	F +	T	1.40	202.4	F +
,	TR	1.02	61.6	Е	R	0.66	16.0	В	R	0.66	16.0	В
Park Avenue & East 49th Street												
Westbound (East Side)	T	0.89	34.2	С	T	0.99	70.9	E +	T	0.99	68.3	E +
Narthhaumad (Faat Cida)	R	0.51	12.6 26.3	B C	R	0.55	12.8	B F +	R	0.55	10.9	B F +
Northbound (East Side)	T	0.19	58.8	E	T	1.10	110.0	F +	L T	0.19	110.0 60.7	F +
Westbound (West Side)	İT	0.96	36.8	D	LT	1.06	59.9	E +	LT	1.06	60.5	E ##
Southbound (West Side)		2.70	23.0	Ť	T	1.35	180.3	F +	T	1.35	180.3	F +
,,	TR	0.94	52.5	D	R	0.31	9.2	Α	R	0.31	9.2	Α
Park Avenue & East 50th Street												
Eastbound (West Side)	T	0.87	37.3	D	T	0.91	42.6	D	T	0.91	42.6	D
Caribbaria (Mari Citi)	R	0.57	25.9	C B	R	0.65	28.2	C B	R	0.65	28.2	C B
Southbound (West Side)	T	0.20 1.06	16.4 67.5	E	T	0.20 1.10	16.4 64.0	E	L T	0.20 1.10	16.4 64.0	E
Eastbound (East Side)	İT	1.15	109.0	F	LT	1.10	127.1	F +	LT	1.10	127.1	F +
Northbound (East Side)	LI	1.10	107.0	Ė	T	1.24	125.6	F +	T	1.24	125.5	F +
	TR	0.90	42.2	D	R	0.42	12.5	В	R	0.42	12.3	В
Park Avenue & East 51st Street												
Westbound (East Side)	T	0.70	28.6	С	T	0.72	28.7	С	T	0.72	29.4	С
	R	0.56	27.7	С	R	0.58	28.0	С	R	0.58	28.7	С
Northbound (East Side)	L	0.17	14.9	В	L	0.17	15.6	В	L	0.17	15.7	В
Westbound (West Side)	T 	1.06 0.85	65.4 27.1	E C	T LT	1.10 0.86	62.6 28.1	E C	T 	1.10 0.86	62.6 28.2	E C
Southbound (West Side)	TR	0.87	28.4	С	T	1.14	82.9	F +	T	1.14	82.9	F +
Southbound (West Slue)	- 110	0.07	20.1		R	1.05	57.9	E +	R	1.05	58.0	E ##
Park Avenue & East 52nd Street												
Eastbound (West Side)	TR	0.79	25.9	С	TR	0.80	26.2	С	TR	0.80	26.2	С
Southbound (West Side)		0.16	54.7	D	L	0.18	87.3	F +	L	0.18	87.3	F +
Facility and (Facil Cide)	T	1.02	50.0	D	T	1.06	59.6	E +	T	1.06	59.6	E +
Eastbound (East Side) Northbound (East Side)	LT	1.06	67.8	E	LT T	1.10	82.3 236.6	F +	LT T	1.10	82.3 236.5	F +
Northbound (East Side)	TR	1.05	64.7	F	R	0.33	9.0	Α	R	0.33	9.0	Α +
Park Avenue & East 53rd Street	110	1.00	04.7		- 11	0.55	7.0	- / /	- 1	0.55	7.0	- / \
Westbound (East Side)	T	0.85	50.5	D	Т	0.87	53.4	D	T	0.87	54.7	D
	R	0.50	32.7	С	R	0.53	34.2	С	R	0.53	34.8	С
Northbound (East Side)		0.16	18.7	В	L	0.16	19.1	В	L	0.16	19.0	В
Missils and AMS COLLA	T	1.11	64.3	E	T	1.14	81.3	F +	T	1.14	81.3	F +
Westbound (West Side)	LT	1.03	52.3	D	LT T	1.05	59.6 137.2	E +	LT	1.05	59.6	E +
Southbound (West Side)	TR	0.86	22.0	С	R	1.26 0.71	18.6	F +	R	1.26 0.43	137.2 9.4	F +
Park Avenue & East 54th Street	- 11	0.00	22.0	J		0.71	10.0		- '\	0.70	7.7	
Eastbound (West Side)	TR	0.72	19.3	В	TR	0.84	25.0	С	TR	0.84	25.0	С
Southbound (West Side)	L	0.15	11.6	В	L	0.15	12.1	В	L	0.15	12.1	В
	T	1.00	55.6	Е	T	1.02	59.4	Е	T	1.02	59.4	E
N 111 175 1911	LT	0.83	15.2	В	LT	0.92	21.1	С	LT	0.92	21.1	С
Northbound (East Side)	TR	0.95	64.0	E	T R	1.34	173.3	F +	T R	1.34	173.3	F +
Park Avenue & East 55th Street	 				К	0.38	10.7	D	К	0.38	10.7	D
Westbound (East Side)	TR	1.08	112.8	F	TR	1.26	166.3	F +	TR	1.26	166.3	F +
Northbound (East Side)		0.15	37.0	D	L	0.15	158.2	F +	L	0.15	158.1	F +
	T	1.10	64.9	E	Т	1.14	82.0	F +	T	1.14	82.0	F +
Westbound (West Side)	LT	1.08	76.7	Е	LT	1.18	102.2	F +	LT	1.18	102.2	F +
Southbound (West Side)	TR	1.14	81.9	F	T	1.51	249.5	F +	R	1.51	249.5	F +
					R	0.58	9.9	Α	R	0.58	9.9	Α

		No-A	ction		With-	Action w	// Improv	/ements		With M	litigation	15	
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LO	S
Park Avenue & East 56th Street													
Eastbound (West Side)	TR	1.33	172.0	F	TR	1.34	175.9	F +	TR	1.34	175.9	F	+
Southbound (West Side)	L	0.17	16.5	В	L	0.17	16.9	В	1	0.17	16.9	В	
	Т	1.04	71.4	E	T	1.05	71.9	Ē	T	1.05	71.9	E	
Eastbound (East Side)	LT	1.14	82.6	F	LT	1.15	87.3	F +	LT	1.15	87.3	F	+
Northbound (East Side)					Т	1.31	160.9	F +	Т	1.31	160.9	F	+
	TR	1.01	58.8	Ε	R	1.24	135.0	F +	R	1.24	135.0	F	+
Park Avenue & East 57th Street													
Eastbound (West Side)	T	1.37	199.2	F	T	1.38	201.0	F	T	1.38	201.0	F	
	R	0.43	29.3	С	R	0.43	29.2	С	R	0.43	29.2	С	
Westbound (West Side)	T	0.75	12.7	В	T	0.76	13.4	В	T	0.76	13.3	В	
Southbound (West Side)	LTR	0.76	72.2	E	LTR	0.77	72.5	E	LTR	0.77	72.5	Ε	
Eastbound (East Side)	LT	1.03	31.8	С	LT	1.04	33.3	С	LT	1.04	33.3	С	
Westbound (East Side)	T	0.52	30.5	С	T	0.52	30.4	C	T	0.52	31.0	С	
N 11 1/E : 011	R	0.25	26.1	С	R	0.25	26.1	С	R	0.25	26.7	С	
Northbound (East Side)	L	0.16	10.1	В	L	0.17	10.3	В	L	0.17	10.2	В	
	T R	1.09 0.38	58.4 10.5	E B	T R	1.13 0.40	76.1 10.1	E +	T R	1.13 0.40	76.1 10.1	E B	+
Madison Avenue & East 39th Street	K	0.38	10.5	Б	K	0.40	10.1	Б	K	0.40	10.1	Б	
Westbound	Т	1.32	164.3	F	Т	1.53	257.9	F +	Т	1.53	257.9	F	+
Westbould	R	1.03	61.6	E	R	1.25	144.7	F +	R	1.25	144.7	F	+
Northbound	LT	0.99	84.8	F	LT	1.02	86.0	F	IT	1.02	86.0	F	т
Madison Avenue & East 40th Street		0.77	01.0	·		1.02	00.0			1.02	00.0	•	
Eastbound	L	1.16	110.1	F		1.31	177.0	F +	L	1.31	177.0	F	+
	Т	0.82	14.2	В	T	0.93	22.6	С	T	0.93	22.6	C	
Northbound					T	1.47	230.8	F +	T	1.47	230.8	F	+
	TR	1.09	63.7	Ε	R	1.11	81.6	F +	R	1.11	81.6	F	+
Madison Avenue & East 41st Street													
Eastbound	L	0.53	50.4	D									
	T	0.21	27.3	С	LT	0.65	48.5	D +	LT	0.65	48.5	D	+
Northbound					T	1.64	308.7	F +	T	1.64	308.7	F	+
	TR	1.16	90.8	F	R	0.96	37.9	D	R	0.96	37.9	D	
Madison Avenue & East 42nd Street				_				_				_	
Eastbound	LT	1.17	103.8	F	LT	1.21	119.4	F +	LT	1.21	121.1	F	##
Westbound	T	1.21	133.0	F	T	1.27	157.3	F +	T	1.27	157.3	F	+
Northbound	R	0.18	28.8	С	R	0.18	28.8	С	R	0.18	28.8	С	
Northbourid	LT R	1.19 0.39	105.4 13.6	F B	LT R	1.23 0.43	123.6 13.7	F +	LT R	1.23 0.43	123.6 13.7	F B	+
Madison Avenue & East 43rd Street	71	0.39	13.0	D	П	0.43	13.7	D	П	0.43	13.7	D	
Westbound	Т	0.53	28.5	С	Т	0.58	29.9	С	Т	0.58	29.9	С	
Westboard	R	0.53	44.5	D	R	0.92	90.8	F +	R	0.92	90.8	F	+
Northbound		1.21	121.4	F	L	1.74	354.3	F +	L	1.74	354.3	F	+
. to. tribouriu	T	1.18	99.6	F	T	1.22	119.0	F +	T	1.22	119.0	F	+
Madison Avenue & East 46th Street						_							
Eastbound	LT	1.04	88.5	F	LT	1.12	92.4	F +	LT	1.12	92.4	F	+
Northbound		1.10	63.2	E	Т	1.15	85.2	F +	Т	1.15	85.2	F	+
	R	0.71	152.9	F	R	1.38	321.8	F +	R	1.38	321.8	F	+
Madison Avenue & East 48th Street													
Eastbound		0.69	29.3	С	Ĺ	0.74	26.4	С	L	0.80	29.0	С	
	T	0.74	13.3	В	T	0.87	14.5	В	T	0.89	16.0	В	
Northbound		1.17	95.4	F	T	1.20	108.6	F +	T	1.17	95.5	F	
AA II A A A A A A A A A A A A A A A A A	R	0.74	29.4	С	R	0.78	32.2	С	R	0.72	27.3	С	
Madison Avenue & East 49th Street	-	4 ***	7- 0	_	-		00.1	_	T0	4	00.0	_	
Westbound	TR	1.01	77.3	E	TR	1.14	99.1	F +	TR	1.14	98.9	F	+
Northbound		0.21	11.8	В	L	0.23	11.8	В	L	0.23	12.3	В	
Madican Avanua 9 Fast 52-d Ctrast	Т	1.06	59.7	Ε	Т	1.09	61.1	E	Т	1.09	61.8	E	
Madison Avenue & East 53rd Street	TD	0.02	47.0	Р	TD	0.05	E 6 7	Е	TD	0.05	E4 7		
Westbound Northbound		0.93	47.9	D	TR	0.95	56.7	E +	TR	0.95	56.7	E	+
ivoi indound		0.58	12.9	B E	L	0.58	13.0	B E +	L	0.58	13.0	В	
	T	1.10	62.6	Ĺ	T	1.12	73.3	E +	T	1.12	73.3	Ε	+

			No-A	ction		With-	Action w	// Improv	/ements		With M	litigatior	ıs
Intersection & Approach			V/C	Delay			V/C	Delay			V/C	Delay	
(Signalized Intersections)	Mo	ovt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS	Movt.	Ratio	Sec/ Veh	LOS
Madison Avenue & East 54th Street													
Eastbo		_T	0.69	30.4	С	LT	0.74	31.8	С	LT	0.74	31.8	С
Northbo		T R	1.00 0.70	58.1 17.2	E B	T R	1.02 0.73	58.7 18.2	E B	T R	1.02 0.73	58.7 18.2	E B
5th Avenue & 38th Street		11	0.70	17.2	D	IX	0.73	10.2	D	IX	0.73	10.2	D
Eastbo	und .	Т	0.51	19.3	В	Т	0.52	19.3	В	Т	0.52	19.3	В
		R	1.04	120.8	F	R	1.04	120.8	F	R	1.04	120.8	F
Southbo	und L	_T	1.24	119.5	F	LT	1.26	132.0	F +	LT	1.26	132.0	F +
5th Avenue & 39th Street Westbo	und		0.84	58.0	Е	_	0.89	60.6	Е	_	0.89	60.6	E
Westbo		T	0.77	38.0	D	T	0.90	40.9	D	T	0.90	40.9	D
Southbo	und .	Т	1.26	137.1	F	Т	1.28	146.9	F +	Т	1.28	146.9	F +
		R	1.15	92.2	F	R	1.15	92.2	F	R	1.15	92.2	F
5th Avenue & 40th Street	und T	rD.	1 27	140.7	Г	TD	1 20	170.0	Е	TD	1.00	170.0	С
Eastbo Southbo		ΓR T	1.27	162.7 240.5	F	TR	1.28	170.0 303.9	F +	TR	1.28 1.63	170.0 303.9	F +
5th Avenue & 42nd Street	unu L	-	1.777	Z7U.J			1.00	303.7	, 7	LI	1.03	303.7	
Eastbo	und ·	Т	0.69	27.4	С	Т	0.69	27.4	С	Т	0.66	25.0	С
		R	0.15	21.5	С	R	0.15	21.5	С	R	0.14	19.8	В
Westbo		_T	0.99	45.1	D	LT	1.04	57.8	E +	LT	0.98	41.7	D ++
Southbo		_T R	1.48 0.03	231.2	F A	LT R	1.50 0.03	243.4	F +	LT R	1.58 0.03	280.4 6.8	F ‡:
5th Avenue & 43rd Street	+	K	0.03	2.0	А	К	0.03	2.2	А	К	0.03	0.0	А
Westbo	und	L	0.67	37.6	D	L	0.73	31.8	С	L	0.89	41.1	D
		Τ	0.59	30.5	С	Т	0.63	27.8	С	Т	0.72	32.2	С
Southbo		T	1.35	173.5	F	T	1.37	182.3	F +	T	1.25	128.4	F
Eth Avanua 9 A4th Ctroot		R	1.61	297.5	F	R	2.12	526.1	F +	R	1.58	283.6	F
5th Avenue & 44th Street Eastbo	und	Т	0.45	23.1	С	Т	0.46	23.4	С	Т	0.46	23.4	С
Edito		R	1.23	164.6	F	R	1.36	217.7	F +	R	1.36	217.7	F +
Southbo	und L	T	1.52	252.1	F	LT	1.54	263.1	F +	LT	1.54	263.0	F +
5th Avenue & 47th Street					_				_			100 =	-
Westbo		L T	1.12	101.4 50.4	F D	L T	1.14	108.7 55.4	F +	L T	1.14	108.7 55.4	F +
Southbo	_	T	1.03	185.1	F	T	1.05	192.3	E +	T	1.39	192.3	E +
Southbo		R	0.95	30.4	C	R	1.16	97.0	F +	R	1.16	97.0	F +
5th Avenue & 48th Street													
Eastbo		Τ	1.02	52.9	D	T	1.20	128.1	F +	T	1.20	128.1	F +
Southbo		R T	1.14	107.8 159.0	F	R LT	1.24	156.7 164.6	F +	R	1.24	156.7 164.6	F +
5th Avenue & 49th Street	una L	_ !	1.31	159.0	Г	LI	1.33	104.0	F +	LI	1.33	104.0	F +
Westbo	und L	_T	0.94	59.8	Е	LT	1.10	91.4	F +	LT	1.10	91.4	F +
Southbo		Τ	1.40	193.3	F	T	1.41	199.8	F +	Т	1.41	199.8	F +
		R	0.72	9.8	Α	R	0.72	9.8	Α	R	0.72	9.8	Α
5th Avenue & 54th Street	und T	гр	0.01	40 O	D	TD	0.04	52.4	D	TD	0.04	52.4	D
Eastbo Southbo		ΓR T	0.91 1.45	48.9 219.1	D F	TR	0.94	52.6 228.7	D F +	TR LT	0.94	52.6 228.7	D F +
5th Avenue & 57th Street	and L	-	1.70	217.1	†		1.77	220.1			1.77	220.1	, ,
Eastbo		Т	1.41	217.8	F	Т	1.41	219.6	F	Т	1.41	219.6	F
		R	0.77	46.6	D	R	0.78	47.6	D	R	0.78	47.6	D
Westbo		_T	1.66dl	153.0	F	LT	1.66dl	159.1	F +	LT	1.66dl	159.1	F +
Southbo		_T R	1.49 0.66	251.4 32.7	F C	LT R	1.52 0.66	263.7 32.7	F +	LT R	1.52 0.66	263.7 32.7	F +
6th West & East 48th Street	+		0.00	JL.I	J	- 1\	0.00	JL.I	J	11	0.00	JL.I	J
Eastbo	und	L	0.58	29.7	С	L	0.58	29.9	С	L	0.58	29.9	С
		Τ	1.02	74.4	Ε	Т	1.04	78.0	Е	Т	1.04	78.0	E
Northbo		T	0.72	20.7	С	T	0.72	20.8	С	T	0.72	21.1	С
6th Avenue & West 49th Street		R	1.12	144.8	F	R	1.12	144.9	F	R	1.12	144.9	F
Westbo	und	Т	0.87	51.2	D	Т	1.03	74.2	E +	Т	0.94	53.0	D
Westbu		R	0.82	48.7	D	R	0.92	55.6	E +	R	0.83	44.0	D
Northbo		_T	0.88	13.0	В	LT	0.89	13.2	В	LT	0.95	21.4	С

		No-A	ction		With-	Action w	/ Improv	/ements		With N	litigation	IS
Intersection & Approach (Signalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
		No-A	ction		With-	Action w	/ Improv	/ements		With M	litigation	IS
Intersection & Approach (Unsignalized Intersections)	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS	Movt.	V/C Ratio	Delay Sec/ Veh	LOS
1st Avenue & East 48th Street (West Side)												
Eastbound	L	0.42	15.7	С	L	0.52	18.0	С	L	0.52	18	С
Northbound	T	0.31	0.0	Α	T	0.32	0.0	Α	T	0.32	0	Α

+ Denotes a significant adverse traffic impact

Unmitigated approach movements denoted by shading

- † No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of air quality mitigation measures
- †† Impact worsened by pedestrian mitigation signal timing changes
- ‡ No significant adverse impact for the With-Action condition. Significant adverse impact is due to changes in traffic signal timing as part of pedestrian mitigation measures
- ‡‡ Impact worsened by air quality mitigation signal timing changes
- # No significant adverse impact for the With-Action condition. Significant adverse impact is due to traffic mitigation measures at an adjacent intersection
- ## Impact worsened due to traffic mitigation measures at an adjacent intersection
- Il Proposed mitigation may be infeasible and will be reviewed as part of the traffic monitoring program. Significant adverse impact is identified as a worst-case scenario.

Appendix F.11 Subway Station Assignments



AM Subway Station Assignment

NYC			and Cent S 4 5 6 7			42		nt Park/5 F M 7	Av		Center F M			53 St И 6			/53 St M			59 St N Q R	
IN	TS	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB
Site #	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out
1	8%	26%	18%	6%	4%	9%	19%	4%	6%												
2	8%	26%	18%	6%	4%	9%	20%	4%	6%												
3	8%	26%	17%	7%	5%	10%	19%	5%	5%												
4	8%	26%	17%	7%	5%	9%		5%	4%	0%	19%										
5	8%	25%	17%	8%	7%	1%		4%	3%	9%	19%										
6	4%	23%	10%	18%	10%					10%	18%			1%	4%	2%					
7				2%						4%	12%			34%	21%	12%	14%				
8	3%	29%	23%	23%	15%	2%	4%														
9		20%	10%	28%	8%							7%	16%	3%	8%						
10			1%	9%							7%	22%	16%	26%	19%						
11				9%								28%	16%	27%	20%						
12												32%	14%	36%	18%						
13												33%	14%	35%	18%						
14												33%	13%	4%				30%	14%		6%
15		27%	21%	38%	15%																
16		27%	21%	38%	15%																

NYC		Gr	rand Cent			42		nt Park/5 F M 7	Av		Center F M			53 St M 6		_	/53 St M			59 St N Q R	
OUT	TS	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB
Site #	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In	In
1	8%	18%	25%	4%	7%	20%	9%	6%	4%												
2	8%	18%	26%	4%	6%	20%	9%	6%	4%												
3	9%	16%	23%	4%	11%	18%	8%	4%	6%												
4	8%	17%	24%	5%	9%		9%	4%	5%	19%											
5	8%	17%	24%	7%	9%			3%	4%	19%	9%										
6	4%	10%	23%	10%	20%					18%	8%			4%			2%				
7					2%					9%	2%			23%	36%	16%	14%				
8	3%	23%	28%	15%	25%	4%	2%														
9		10%	20%	8%	28%							16%	6%	8%	3%						
10		1%			12%					-15%		25%	6%	31%	41%						
11					11%							23%	2%	28%	36%						
12												15%	30%	19%	36%						
13												15%	29%	19%	37%						
14												38%	-24%	4%				36%	29%	18%	
15		21%	26%	15%	37%																
16		21%	26%	15%	37%																

PM Subway Station Assignment

NYC			and Cent S 4 5 6 7			42		nt Park/5 F M 7	Av		Center F M			53 St M 6			/53 St M			59 St N Q R	
IN	TS	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB
Site #	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out
1	8%	25%	18%	6%	4%	9%	20%	4%	6%												
2	8%	25%	18%	6%	4%	9%	20%	4%	6%												
3	8%	24%	17%	8%	5%	9%	19%	5%	5%												
4	7%	26%	18%	4%	6%	10%		4%	4%		20%										
5	8%	24%	17%	9%	7%			4%	3%	9%	19%										
6	4%	22%	10%	21%	10%					8%	18%				4%	3%					
7				2%						2%	9%			35%	22%	15%	15%				
8	3%	29%	24%	22%	16%	2%	4%														
9		21%	10%	27%	9%							6%	16%	3%	9%						
10			1%	12%							-16%	1%	27%	43%	32%						
11				11%								0%	23%	37%	29%						
12												33%	14%	34%	18%						
13												30%	15%	37%	18%						
14												38%	8%	13%				29%	8%		4%
15		27%	21%	37%	15%																
16		27%	22%	36%	16%																

NYC		Gr	rand Cent			42		nt Park/5 F M 7	Av		Center F M			53 St M 6			/53 St M			59 St N Q R	
OUT	TS	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB	NB	SB	EB	WB
Site #	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out	Out
1	8%	18%	26%	4%	6%	19%	9%	6%	4%												
2	8%	18%	26%	4%	6%	19%	9%	6%	4%												
3	8%	17%	26%	5%	7%	19%	10%	5%	4%												
4	8%	17%	26%	5%	7%		9%	4%	5%	19%	0%										
5	8%	17%	25%	7%	8%		1%	3%	4%	18%	9%										
6	4%	10%	23%	10%	18%					18%	9%			4%	1%		2%				
7					2%					12%	4%			21%	34%	14%	12%				
8	3%	23%	29%	15%	24%	4%	2%														
9		10%	20%	8%	28%							16%	7%	8%	4%						
10		1%			9%					7%		16%	22%	19%	26%						
11					9%							16%	28%	20%	27%						
12												14%	32%	18%	36%						
13												14%	32%	18%	35%						
14				,								13%	33%	1%		,		12%	34%	6%	
15		21%	27%	15%	38%																
16		21%	27%	15%	37%																

Appendix F.12 Subway Station Volumes



Subway Station Volume No-Build			sting		l	RFTM Pero	ent Change				Growth (RFTM))		NB on Deve	lopment Sites		I	NB on Pro				Total NB N	let Change			Total No		
Stairs, Escalators, Passageways	,	AM	nin Volumes P	·M	А	M	Р	M	А	MA	nin Volumes P	M		Peak 15-n AM	nin Volumes Pl	м	A	M	in Volumes Pl	М	AI	Peak 15-m M	in Volumes Pf	M	All	Peak 15-mir //	PN	1
 	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP	DOWN	UP
42nd Street Bryant Park - Fifth Avenue SB11A/SB11BMB20 P13A/P13B P14A/P13B P14A/P14B P4 (R501) P2 (R501) P2 (R501) S2 S3 S1/M1/M2 P5 (N504) P6 (N504) P3 (N504) P1 (N504) P4 (N504) P4 (N504) P4 (N504) S6M7/M6 S6M7/M6 S6M6	35 39 34 3 20 10 10 6 4 4 2 5 2 8 15 36 16 20 20	588 268 658 113 178 387 120 170 865 179 217 343 278 557 366 343 407	993 746 415 33 228 228 299 70 602 23 19 428 394 388 157 298 362	98 69 97 10 43 96 53 33 154 60 83 91 147 108 94 69 91	35% 35% 35% 35% 35% 35% 35% 35% 35% 35%	8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8	8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8% 8	35% 35% 35% 35% 35% 35% 35% 35% 35% 35%	12 14 12 1 7 4 4 2 16 1 2 10 5 12 6 7	47 21 53 9 14 31 10 14 69 14 17 27 22 45 29 27 33	79 60 33 3 18 18 8 6 48 2 2 34 32 31 13 24 29	34 24 34 4 15 33 19 11 54 21 29 32 51 38 33 24 32	10 7 4 0 13 13 0 0 25 0 0 8 5 4 4	0 0 0 0 62 63 0 0 124 0 33 22 50 49 0	92 59 33 0 76 75 0 0 150 0 73 43 47 18 0 7	13 5 8 0 18 0 0 35 0 0 7 7 4 14 5 0	1 0 0 0 0 0 0 0 0 0	-3 -2 -1 0 0 0 0 0 0 -1 0 0 0 0 0 0 0 0 0 0 0	-3 0 0 0 0 0 0 0 0 -1 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	23 21 16 1 20 16 4 2 41 1 1 2 17 17 11 16 9 7	44 19 52 9 76 94 10 14 193 14 17 61 44 95 78 27 37	168 119 66 3 94 93 8 6 197 2 2 107 74 78 30 24 36	48 29 42 4 32 51 19 11 89 21 29 39 55 52 38 24	58 60 51 3 40 27 14 8 85 3 7 45 26 52 25 27 45	633 288 709 122 254 481 130 184 1058 194 234 404 322 652 444 371 444	1161 864 481 36 322 107 76 799 25 20 535 468 466 188 322 398	146 98 139 14 75 147 72 44 243 81 112 130 202 160 132 93 137
47th-50th Streets - Rockefeller Center OSA/OSB/OTA/OTB P14 P9 P12 P10 P15 P7 P16 P8 SB1A/SB1BIMB1AMB1B SS P5 P6 P3A/P3B P1 P4A/P4B P2 S6 S1	33 18 45 24 48 27 29 67 85 22 17 17 128 18 19 92 70 9	246 178 401 346 590 262 315 325 673 97 214 406 524 503 460 470 414 250 503	208 396 907 201 338 123 87 157 86 217 360 375 453 869 217 360 375 453 869 217 360 375 453	65 26 66 41 89 40 67 23 79 19 42 148 80 123 264 56 53 25 47	16% 16% 16% 16% 16% 16% 16% 16% 16% 16%	17% 17% 17% 17% 17% 17% 17% 17% 17% 17%	17% 17% 17% 17% 17% 17% 17% 17% 17% 17%	16% 16% 16% 16% 16% 16% 16% 16% 16% 16%	5 3 7 4 8 4 4 5 5 111 14 4 3 3 20 3 3 15 111 11 14	42 30 68 59 100 45 54 55 114 17 36 69 89 85 78 80 70 43 85	35 67 154 34 58 21 39 15 27 15 37 61 64 77 148 101 53 38	10 4 11 7 14 6 11 4 13 3 7 24 13 20 42 9 9	8 3 2 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 0 0 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	4 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	8 2 1 3 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	13 5 9 5 9 4 5 11 14 4 3 3 20 3 3 15 11 11	44 31 69 59 101 45 55 114 17 36 69 89 85 78 80 70 43 85	39 69 155 58 21 39 15 27 15 37 61 77 148 101 53 38 94	18 6 12 9 17 6 11 4 13 3 7 7 24 13 20 42 9 9 9	46 24 54 59 56 32 34 77 98 25 20 20 20 148 21 22 107 81 111	290 208 470 406 691 307 389 380 788 114 250 475 614 588 538 538 484 293 484 293	247 465 1063 236 397 144 266 102 184 101 254 422 438 531 1016 692 364 259 646	83 32 78 50 106 47 78 26 92 22 49 172 93 142 306 65 62 29 55
Lexington Avenue - 51st/53rd Streets E243 E244 P7 E289 E254X S4 (N306A) E245 P1 E246 O7AV7BI08AV8B O7AV7BI08AV8B O7AV7BI08AV8B S6 (R242) S3 (R242) S4 (S5 (S5 (S5 (S5 (S5 (S5 (S5 (S5 (S5 (S5	0 0 23 500 0 20 28 0 0 40 42 0 463 63 16 9 6 3 19 19 19 19 19 19 19 19 19 19 19 19 19	678 738 133 0 0 88 109 809 787 374 479 9 209 182 279 147 258 18 434	0 984 162 887 0 104 170 0 124 830 297 555 0 568 113 284 46 236 46 263 23 147	468 0 111 0 0 149 1170 29 0 41 72 437 8 43 44 60 43 89 25 56	11% 11% 11% 11% 11% 11% 11% 11% 11% 11%	4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4	4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4% 4	11% 11% 11% 11% 11% 11% 11% 11% 11% 11%	0 0 3 555 0 2 3 0 7 0 4 4 5 0 0 -14 7 2 1 1 1 4 1 6 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	27 30 5 0 0 4 4 32 31 15 19 -24 0 8 7 11 6 10 11 17 SB	0 39 6 35 0 4 7 0 5 33 12 22 0 -177 5 111 1 6 6 NB	51 0 1 0 0 2 1 1 129 5 8 8 -13 0 5 5 7 7 5 10 3 6 5 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7 8	0 0 11 23 0 0 0 0 0 20 0 0 33 0 0 0 0 0 4 3 4 0 0	4 3 0 0 0 0 0 2 7 0 0 0 2 7 0 0 0 0 0 0 0 0	0 13 1 3 0 0 0 0 0 0 8 14 0 0 0 5 4 3 0 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	33 0 0 0 0 0 0 0 18 0 0 0 0 0 0 0 0 0 0 0	0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 -1 -1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 14 79 0 3 3 0 27 0 37 5 0 -14 11 15 5 1 23 1 30 1 80 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	31 33 5 0 -1 3 4 4 34 12 33 22 19 -24 0 111 7 7 13 6 13 1	0 52 7 39 0 3 7 0 5 40 26 22 0 -17 9 15 12 2 17 1 1 NB	85 0 1 0 0 2 1 148 3 0 37 8 -13 0 12 5 14 5 3 0 3 7 8 8 -3 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9	0 0 37 579 0 23 32 0 89 0 77 46 0 449 73 21 14 7 57 111 84 NB	709 771 138 0 -1 91 113 843 322 820 396 820 199 221 189 221 189 252 153 272 19 454	0 1036 169 925 0 107 177 0 129 870 323 577 0 550 122 300 247 48 880 24 160 NB	553 0 12 0 0 16 10 1318 32 0 78 79 424 8 55 49 74 48 119 28 77
ToFrom Lex-53rd st Fifth Avenue - 53rd Street S1/M1 O3A/03B E242 P1 E241 PL1APPL1BPI2APPL2B	1177 15 14 0 21 0	580 943 738 31 734 1234	1037 569 685 951 165 0	868 38 53 0 1 92 79	-3% 33% 33% 33% 33% 33% 33%	-3% 10% 10% 10% 10% 10%	-3% 10% 10% 10% 10% 10%	-3% 33% 33% 33% 33% 33% 33%	-35 5 0 7 0	-44 58 94 74 3 73 123	-31 57 69 95 17 0	-26 13 18 0 0 30 26	0 1 9 0 11 0	0 4 2 0 2	0 1 11 8 3 0 6	0 1 15 0 2 14 8	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	-35 6 14 0 18 0	-44 58 98 76 3 76	-31 58 80 104 20 0	-26 14 33 0 2 45 34	1141 21 28 0 38 0	638 1041 813 34 809 1359	1006 627 765 1055 185 0 322	52 86 0 3 137 113
Lexington Avenue - 59th Street SB1A/SB18/MB1A/MB1B PL1 PL2 O10A/010BIOSA/O5BIOSA/O5B S1 S3 MM 64 ML4 ML2 P12 E5249 S2/54/M2	0 0 0 75 155 54 381 359 739 0 0	0 0 0 567 238 266 218 313 158 0	531 530 515 575 316 190 246 288 493 73 803 200	405 0 0 267 67 176 178 335 331 4 0	6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%	13% 13% 13% 13% 13% 13% 13% 13% 13% 13%	13% 13% 13% 13% 13% 13% 13% 13% 13% 13%	6% 6% 6% 6% 6% 6% 6% 6% 6% 6% 6%	0 0 0 5 9 3 23 22 44 0 0	0 0 0 74 31 35 28 41 20 0	69 69 67 75 41 25 32 37 64 9 104 26	24 0 0 16 4 11 11 20 20 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 1 0 0 0 0 0	-1 0 -1 -1 0 0 0 0 0	-1 -1 0 -1 0 0 0 0 0	1 0 0 1 0 0 0 0 0	1 1 0 5 9 3 23 22 44 0	-1 0 -1 72 31 35 28 41 20 0	68 68 67 74 41 25 32 37 64 9 104 26	25 0 0 17 4 11 11 20 20 0 0	1 1 0 80 165 57 403 381 783 0	-1 0 -1 639 269 300 247 354 178 0 0	599 598 582 649 357 215 278 326 557 82 907 225	430 0 0 284 71 186 188 355 351 4 0 21
Grand Central Terminal - 47th St Crosspassage 9 - Stair 9 - Escalator 10 - Stair 10 - Escalator 11 - Stair 11 - Escalator Passageway on 47th Street Passageway between 10 and 11	4 0 8 0 12 0 EAST 185 SOUTH 12	10 181 146 510 330 503 WEST 1227 NORTH 833	1 140 78 447 270 364 EAST 1299 SOUTH 635	9 0 13 0 24 0 WEST 70 NORTH 24	12% 12% 12% 12% 12% 12% 12% EAST 12% SOUTH 12%	12% 12% 12% 12% 12% 12% WEST 12% NORTH 12%	16% 16% 16% 16% 16% EAST 16% SOUTH 16%	16% 16% 16% 16% 16% WEST 16% NORTH 16%	0 0 1 0 1 0 EAST 21 SOUTH 1	1 21 17 59 38 58 WEST 142 NORTH 97	0 23 12 72 44 59 EAST 209 SOUTH 102	1 0 2 0 4 0 WEST 11 NORTH	0 0 0 0 0 0 0 0 EAST 1940 SOUTH 0	RR ESA Riders 431 800 234 546 309 471 WEST 0 NORTH 780	ship Growth 15- 144 576 472 679 403 748 EAST 0 SOUTH 1150	Min 0 0 0 0 0 0 0 WEST 1980 NORTH 0	0 0 0 0 0 0 EAST 0 SOUTH	0 0 0 0 0 0 WEST 0 NORTH	0 0 0 0 0 0 EAST 0 SOUTH	0 0 0 0 0 0 WEST 0 NORTH	0 0 1 0 1 0 EAST 1961 SOUTH	432 820 251 605 347 530 WEST 142 NORTH 877	144 599 484 750 446 806 EAST 209 SOUTH 1252	1 0 2 0 4 0 WEST 1991 NORTH 4	4 0 9 0 13 0 EAST 2147 SOUTH 13	442 1001 397 1115 677 1033 WEST 1369 NORTH 1710	145 739 561 1197 716 1171 EAST 1508 SOUTH 1887	10 0 15 0 28 0 WEST 2061 NORTH 28

Subway Station Volume																												
No-Build		Exi	sting			RTFM Pero	ent Change	е	Backgrou	ind Growth (R	FTM Applie	to Existing)		NB on Deve	elopment Si	tes		NB on Pro	ected Sites			Total NB N	Net Change			Total N	lo-Build	
Fare Arrays		Peak 15-m	nin Volumes				-		-		nin Volumes	-		Peak 15-n	nin Volume	s		Peak 15-m	in Volumes			Peak 15-m	in Volumes	3		Peak 15-n	in Volumes	s
,		AM	F	PM	,	AM	F	PM		AM		PM		AM		PM		AM	F	PM		AM	F	PM	1	AM	F	PM
IN/OUT OF STATION	IN	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*
42nd Street Bryant Park - Fifth Avenue																												
N502	74	926	1161	165	35%	8%	8%	35%	26	74	93	58	10	0	92	13	4	-3	2	0	27	71	182	71	111	997	1342	237
R501	44	865	602	154	35%	8%	8%	35%	16	69	48	54	25	124	150	35		-3 -1	-3 -1	0	41	193	197	89	85	1058	799	243
N504	88	1593	1185	250	35%	8%	8%	35%	31	127	95	88	21	154	181	31	0	-1	-1	0	51	282	276	118	139	1875	1461	369
47th-50th Streets - Rockefeller Center	- 00	1093	1100	230	3076	070	070	3376	31	121	90	00	- 21	134	0	0	U	U	U	- 0	31	202	2/0	110	139	10/3	1401	309
N500	64	2321	1893	232	16%	17%	17%	16%	10	395	322	37	8	2	4	8	0	0	0	0	18	396	326	45	82	2717	2219	277
N500A	25	100	97	29	16%	17%	17%	16%	10	17	16	- S1	0	_	0	0	0	0	0	0	4	17	16		29	117	113	33
N501A	38	909	635	150	16%	17%	17%	16%	6	155	108	24	0	0	0	0	o o	0	0	0	6	155	108	24	44	1064	743	174
N501	79	1622	1395	163	16%	17%	17%	16%	13	276	237	26	n	n	0	0	o o	0	o o	ň	13	276	237	26	92	1897	1633	190
Lexington Avenue - 51st/53rd Streets		TOLL	1000	100	1070	11 70	11 /0	1070		2.10	201											2.70	201		- 02	1007	1000	- 100
N305	74	1054	791	129	11%	4%	4%	11%	8	42	32	14	34	8	17	33	0	0	0	0	43	50	48	48	117	1103	839	177
N306A	119	169	258	39	11%	4%	4%	11%	13	7	10	4	0	0	0	0	1	-1	0	0	14	6	10	4	133	174	268	43
N306	78	636	761	223	11%	4%	4%	11%	9	25	30	25	20	3	8	18	Ó	0	-1	1	29	29	37	43	107	664	799	266
N305A	40	187	389	33	11%	4%	4%	11%	4	7	16	4	0	0	0	0	0	0	0	0	4	7	16	4	44	195	404	36
N305B	25	1490	201	67	11%	4%	4%	11%	3	60	8	7	0	0	0	0	0	0	0	0	3	60	8	7	27	1550	209	75
R242	86	392	394	92	11%	4%	4%	11%	9	16	16	10	4	3	5	8	0	0	0	0	13	19	20	18	99	410	414	110
R243	59	703	568	218	11%	4%	4%	11%	7	28	23	24	23	5	9	27	0	0	0	0	30	33	31	51	89	736	599	269
R242A	50	443	145	49	11%	4%	4%	11%	5	18	6	5	24	3	8	16	0	0	0	0	30	20	14	21	79	463	159	70
Fifth Avenue - 53rd Street																												
N304	15	580	569	38	33%	10%	10%	33%	5	58	57	13	1	0	1	1	0	0	0	0	6	58	58	14	21	638	627	52
N304A	14	943	685	53	33%	10%	10%	33%	5	94	69	18	9	4	11	15	0	0	0	0	14	98	80	33	28	1041	765	86
Lexington Avenue - 59th Street	1																											
R244A	0	0	730	219	6%	13%	13%	6%	0	0	95	13	0	0	0	0	1	-1	-1	1	1	-1	94	14	1	-1	824	232
R245A	0	0	1012	390	6%	13%	13%	6%	0	0	132	23	0	0	0	0	1	-1	-1	1	1	-1	131	24	1	-1	1143	414
A002	0	0	528	208	6%	13%	13%	6%	0	0	69	13	0	0	0	0	0	0	0	0	0	0	68	13	0	0	597	221

Subway Station Volume Table

RWCDS - Fare Arrays		Existing Peak 15-min Volumes AM PM				No-A	ction		With	h-Action Wit	h-Improven	nents
		Peak 15-m	in Volumes	;		Peak 15-m	in Volumes	i		Peak 15-m	in Volumes	;
	1	AM	F	PM	A	MA	Р	M	P	AM	P	PM
IN/OUT OF STATION	IN	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*	IN*	OUT*
42nd Street Bryant Park - Fifth Avenue												
N502	74	926	1161	165	111	997	1342	237	111	1076	1433	238
R501	44	865	602	154	85	1058	799	243	87	1114	863	245
N504	88	1593	1185	250	139	1875	1461	369	143	1923	1517	373
47th-50th Streets - Rockefeller Center												
N500	64	2321	1893	232	82	2717	2219	277	82	2733	2237	278
N500A	25	100	97	29	29	117	113	33	29	127	125	34
N501A	38	909	635	150	44	1064	743	174	44	1076	758	175
N501	79	1622	1395	163	92	1897	1633	190	95	1987	1734	192
Lexington Avenue - 51st/53rd Streets												
N305	74	1054	791	129	117	1103	839	177	117	1232	989	176
N306A	119	169	258	39	133	174	268	43	135	234	368	46
N306	78	636	761	223	107	664	799	266	108	782	899	270
N305A	40	187	389	33	44	195	404	36	46	282	455	42
N305B	25	1490	201	67	27	1550	209	75	27	1707	392	74
R242	86	392	394	92	99	410	414	110	104	469	533	114
R243	59	703	568	218	89	736	599	269	44	472	390	132
R242A	50	443	145	49	79	463	159	70	75	605	364	65
Fifth Avenue - 53rd Street												
N304	15	580	569	38	21	638	627	52	13	399	506	39
N304A	14	943	685	53	28	1041	765	86	17	625	459	52
Lexington Avenue - 59th Street						-						
R244A	0	0	730	219	1	-1	824	232	0	17	872	232
R245A	0	0	1012	390	1	-1	1143	414	0	37	1161	414
A002	0	0	528	208	0	0	597	221	0	8	606	221

### APP COWN UP OWN UP	## Advanced by Company C	RWCDS - Stairs, Escalators, Passageways		Peak 15-m	sting in Volumes			No-A Peak 15-m	in Volumes			Peak 15-m		
SBITA-SBITISMEND PALAYTISS PALAYTISS PALAYTISS 13	SBYLAGENERABED 30 508 93 95 50 833 1161 146 69 97 711 1222 PHAPPINE PHAPP		A	M	F									M UP
### PHAPMEN	## P14APF13B 29 286 746 69 60 205 286 98 60 346 887					-						-		
PHAP-HAB 34 698 415 97 51 700 488 129 51 700 488 129 51 700 51 700 488 129 51 700 488 129 51 700 488 129 51 700 488 129 51 700 488 129 51 700 488 129 51 700 488 129 51 700 488 129 51 700 48 129 51 700 488 129 51 700 48 129 51	### PHALPHARE ### (PASS) ### (PA													148 99
PA (RE99) 3 113 33 10 3 102 3 122 3	PAIR (REM) PAIR (99 140
P) (R591)	P3 (1849)													140
P. (1849)	P2 (RS91) 10 387 228 96 27 481 321 147 27 509 353 14 130 177 72 14 23 16 14 18 25 18 18 18 18 18 18 18 18 18 18 18 18 18													77
S2	\$2													148
SIMILIMAZ 44 885 002 154 85 1008 7769 243 877 1114 88 PP PR (1960) PR (1960) 2 177 23 00 3 7 144 22 115 1 7 144 22 PP (1960) PR (1960) 3 5 27 38 14 14 7 20 32 143 37 142 23 17 24 14 14 14 14 14 14 14 14 14 14 14 14 14	STANTAME 44 865 602 154 85 1058 799 243 87 1114 883 17 114 883 18 114 883 18			120			14	130		72	14			72
P\$ (MS64) 2 1779 23 00 3 3 194 25 81 3 3 194 27 P\$ (MS64) 5 37 1 10 83 7 6 24 20 20 110 7 6 24 22 P\$ (MS64) 15 277 398 194 17 22 2 10 10 10 7 6 2 10 10 7 6 2 10 10 7 6 10 10 10 10 10 10 10 10 10 10 10 10 10	PP (NSSA) 2 179 23 60 3 1914 25 81 3 3 1948 25 81 6 3 1948 25 81 6 3 1948 25 81 6 8 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 81 8 3 1948 25 8 19													38
P\$ (MS-64)	PP (NSSA) 5 217 19 83 77 234 20 112 77 234 2													245
Pi (19564) 28 343 428 91 45 45 404 535 130 45 418 55 Pi (19564) 15 278 394 147 22 22 488 302 28 337 47 Pi (19564) 15 278 394 147 22 22 488 302 28 337 47 Pi (19564) 15 28 55 16 14 22 22 488 302 28 337 47 Pi (19564) 15 28 55 16 14 48 16 16 22 27 18 28 18 18 18 18 18 18 18 18 18 18 18 18 18	P) (NSS4)		2											81
P1 (MS64) 15 279 394 147 26 322 468 202 28 337 AF P4 (MS64) 36 557 389 109 52 652 468 120 23 37 AF P4 (MS64) 36 557 389 109 52 652 468 120 23 37 AF P4 (MS64) 36 557 389 109 52 AF P4 (MS64) 36 557 389 109 52 AF P4 (MS64) 36	Pf (MSSA) 15 278 394 147 25 322 468 202 50 337 476 481 581 581 581 581 581 581 581 581 581 5													112
P\$ (NSA4) P\$ (NS	Price Pric	P3 (N504)			428		45	404						131
P2 (MSG4)	P2 (MSO4) 16 366 157 94 25 444 188 132 27 451 302 37 37 342 38 3 36 35 345 347 347 347 347 347 347 347 347 347 347		15	2/8	394	147	26	322	468	202	26		4/6	204 160
SBMATMB	Selativisis	P2 (N504)				94								133
SSMMS 28	### SSMMS						27							96
OBA/OBBO/JA/O75B PH4 18 18 178 178 180 220 PH2 46 401 180 1778 180 220 PH2 46 401 180 180 180 180 180 180 180 180 180 1	OBA/OBBOTA/OTB 33 246 208 65 46 200 247 83 46 306 226 246	S5/M6												139
PH4	P14 18 178 396 26 24 208 465 32 24 210 465 469 1970 465	7th-50th Streets - Rockefeller Center												
P9	P9	O6A/O6B/O7A/O7B			208									84
P12	P12													32
P10	P10		45	401		66	54	470	1063	78	54	485	1075	79
P15 P7 29 315 227 316 227 317 328 317 328 318 328 328 328 328 328 328 328 328 328 32	P15													50
P7 P16 P16 P17 P18 P16 P17 P18 P17 P18 P18 P17 P18 P18 P18 P18 P18 P18 P18 P18 P18 P19 P18 P18 P19 P18 P18 P19 P18 P19 P18 P19 P18 P19 P18 P19 P18 P19 P19 P19 P19 P19 P19 P19 P19 P19 P19	P7 P16 P16 P17 P16 P16 P17 P16 P17 P16 P17 P18 P17 P18 P19 P18 P19 P19 P19 P19 P19 P19 P19 P19 P19 P19													106
PH6 PB 8 85 673 325 677 233 777 3800 102 226 777 5800 110 PB 8 85 673 1577 799 88 788 184 949 29 87 788 184 SB1A/SB16MB1AMB1B 22 97 86 119 25 114 101 22 26 124 111 SB1A/SB16MB1AMB1B 122 97 86 119 25 114 101 22 26 124 111 PB 177 406 301 148 20 475 422 172 20 250 25 4 49 10 20 253 26 14 11 11 11 11 11 11 11 11 11 11 11 11	P16													48
PS SB1A/SB16MB1AMB1B 22 97 86 19 25 114 101 22 26 124 11 11 11 12 26 124 11 15 12 26 124 11 15 12 26 124 11 15 12 26 124 11 12 12 26 124 11 12 12 26 124 11 12 12 26 124 11 12 12 26 124 11 12 12 26 124 11 12 12 26 124 11 12 12 12 12 12 1	Pe						34				22			83 26
SBIA/SBISMBIAMBIAMBIB 22 97	SB1A/SB1BMB1AMB1B													26 92
Signature Page Pa	PS													23
P5	P5													50
P6	P6													83
P1	P1	P6		524	375	80		614		93			292	53
P1	P1	P3A/P3B	18	503	453	123	21	588	531	142	21	612	531	143
P2 9 29 0 20 221 25 11 293 299 29 11 350 24 28 83 490 44 28 8 8 9 250 52 17 30 25 11 293 299 11 350 25 20 11 350 25 28 8 8 94 0 20 27 28 8 503 552 47 32 588 646 55 32 620 64 22 42 40 0 738 984 0 0 779 10 503 0 0 823 0 829 11 33 162 11 37 138 169 12 37 138 18 177 169 12 37 138 18 177 169 12 37 138 18 177 169 12 37 138 18 177 169 12 37 138 18 177 169 12 37 188 18 18 18 18 18 18 18 18 18 18 18 18	P2 9 29 141 331 53 81 484 384 62 83 490 444 58 58					264			1016			562	1038	307
S6 9 250 221 25 11 293 259 29 11 350 25	S6													53
St	S1					53	81		364	62	83			62
Lexington Avenue - 51st/S3rd Streets 243	Lexington Avenue - \$71st\Striker\square\sq													31 55
E243	E243		28	503	552	4/	32	588	646	55	32	620	646	55
E244	E244	F243	0	678	0	468	n	709	0	553	n	823	n	552
P7	P7													0
E289	E288	P7												12
E254X	E254X	E269			887		579				581			0
\$\begin{align*}{cccccccccccccccccccccccccccccccccccc	\$\ \begin{array}{c c c c c c c c c c c c c c c c c c c				0	0	0		0		0	113	0	3
E246	E246		20	88	104	14	23	91	107	16	22	153	174	17
P1 63 309 124 29 89 322 129 32 91 322 12	P1													17
E246 0 787 830 0 0 820 870 0 0 0 878 877 OTAO/TAO/TAO/TAO/TAO/TAO/TAO/TAO/TAO/TAO	### E246													1322
OTA/OTBIOBAIOBB	OTA/OTBIOBA/OBB OS 40 374 297 41 77 306 308 323 78 77 79 48 77 511 456 628 E282 0 799 0 437 0 775 0 424 0 0 0 0 0 83 (RC242) 63 209 113 43 73 221 122 55 75 244 0 0 0 0 83 (RC242) 63 209 113 43 73 221 122 55 75 250 181 S3 (RC242) 166 182 284 9 279 236 60 144 292 247 74 7 153 48 48 82 82 34 9 279 236 60 144 292 247 74 7 154 128 83 84 9 279 236 60 144 292 247 74 7 154 128 82 82 34 258 263 89 57 272 280 119 277 197 222 280 119 277 197 222 PASSAGEWAY at S2nd Street NB SB NB													32
O5	O5													0 77
E252	E252													84
U1 463 9 568 8 449 9 550 8 449 764 55 \$8 (R2X2) 63 209 113 43 73 221 122 55 75 250 18 \$3 (R2X2) 16 182 284 44 21 189 300 49 23 219 35 \$4 9 279 236 60 14 292 247 74 7 154 12 \$6 6 1 147 46 43 7 153 48 48 3 84 27 17 17 154 12 \$5 5 10 18 23 25 11 19 24 28 6 10 17 12 \$5 10 18 23 25 11 19 24 28 6 10 10 11 \$5 10 18 23 25 11 19 24 28 6 10 10 11 \$6 15 10 18 23 25 11 19 24 28 6 10 11 17 \$7 15 1 17 1 17 1 17 1 10 1 1 1 1 1 1 1 1 1 1	U1													0
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Fifth Avenue - \$3rd Street	Fifth Avenue - \$3rd Street	OFrom Lex-53rd st												SB 841
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		Passageway on 47th Street												2336
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Appendix F.13

The results of the Proposed Action without Subway Station Improvements (With-Action Without-Improvement)



With-Action Without-Improvements Subway Fare Array Analysis at the Grand Central 42nd Street Subway Station

Peak Period	Fare Array	Control Element	Quantity		Pedestrian mes	Surging Factor	Friction Factor	V/C Ratio	LOS
renou				ln	Out	racioi	racioi		
	R241A	Two-way Turnstile	5	256	1499	0.9	0.9	0.71	С
	R240	Two-way Turnstile	11	1015	2255	0.9	0.9	0.64	В
	R240A	Two-way Turnstile	4	64	775	0.9	0.9	0.41	Α
	R238	Two-way Turnstile	16	889	2181	0.9	0.9	0.41	Α
	R238A	Two-way Turnstile	8	2392	289	0.9	0.9	0.86	С
	R238B	Two-way Turnstile	4	146	285	0.9	0.9	0.23	Α
AM	R237	Two-way Turnstile	7	105	857	0.9	0.9	0.27	Α
	R237A	High Exit Turnstile	1	0	175	0.9	0.9	0.39	Α
	R237B	Two-way Turnstile	4	280	1177	0.9	0.9	0.75	С
	R236	Two-way Turnstile	12	1096	631	0.8	0.9	0.35	Α
	R235	Two-way Turnstile	9	874	1150	0.9	0.9	0.50	В
	R233	High Entry/Exit Turnstile	2	26	246	0.8	0.9	0.27	А
	KZJJ	High Exit Turnstile	1	20	240	0.0	0.9	0.27	A
	R241A	Two-way Turnstile	5	915	414	0.9	0.9	0.64	В
	R240	Two-way Turnstile	11	2295	414	0.9	0.9	0.71	С
	R240A	Two-way Turnstile	4	97	414	0.9	0.9	0.32	Α
	R238	Two-way Turnstile	16	1911	414	0.9	0.9	0.62	В
	R238A	Two-way Turnstile	8	1753	414	0.9	0.9	0.63	В
	R238B	Two-way Turnstile	4	82	414	0.9	0.9	0.07	Α
PM	R237	Two-way Turnstile	7	819	414	0.9	0.9	0.37	Α
	R237A	High Exit Turnstile	1	0	414	0.9	0.9	0.07	Α
	R237B	Two-way Turnstile	4	560	414	0.9	0.9	0.56	В
	R236	Two-way Turnstile	12	820	414	0.8	0.9	0.32	Α
	R235	Two-way Turnstile	9	1340	414	0.9	0.9	0.58	В
	R233	High Entry/Exit Turnstile	2	174	19	0.8	0.9	0.40	۸
	K∠33	High Exit Turnstile	1	1/4	19	0.0	0.9	0.40	Α

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors only apply to exiting volumes. The surge factor for entry volumes is 1.0.

Peak	Stainway	Effective		Pedestrian umes	Surging	Surging	Friction	V/C Ratio	LOS
Period	Stairway	Width (ft.)	Down	Up	Factor Up	Factor Down	Factor	V/C Ratio	LUS
	P10	6.50	504	485	0.75	1.0	0.9	1.31	D
	P12	8.00	799	254	0.75	1.0	0.9	1.05	D
	P14	8.00	784	390	0.75	1.0	0.9	1.21	D
	P16	8.00	1036	345	0.75	1.0	0.9	1.39	E
	P18	6.50	663	358	0.75	1.0	0.9	1.30	D
	P20A	6.50	228	364	0.75	1.0	0.9	0.81	C
	P20	6.50	460	351	0.75	1.0	0.9	1.06	D
	P22	6.50	368	397	0.75	1.0	0.9	1.02	D
	P24	6.00	0	309	0.75	1.0	0.9	0.51	В
	P13	8.00	262	722	0.75	1.0	0.9	1.13	D
	P15	8.00	377	419	0.75	1.0	0.9	0.87	C
	P17	8.00	420	365	0.75	1.0	0.9	0.84	С
	P19	8.00	212	408	0.75	1.0	0.9	0.70	В
	P19A	6.50	272	459	0.75	1.0	0.9	1.01	D
	P21	6.50	257	412	0.75	1.0	0.9	0.92	С
	P23	6.50	279	361	0.75	1.0	0.9	0.87	С
	P25	5.00	64	466	0.75	1.0	0.9	1.02	D
	U1	5.00	319	206	0.90	0.8	0.9	0.97	С
AM	U5	5.00	332	382	0.90	0.8	0.9	1.28	D
	U6	5.00	533	186	0.90	0.8	0.9	1.36	E
	U2	5.00	559	101	0.90	0.8	0.9	1.27	D
	PL2	6.50	700	581	0.75	1.0	0.9	1.72	F
	PL3	6.50	946	263	0.75	1.0	0.9	1.53	Е
	PL5	6.00	47	721	0.75	1.0	0.9	1.25	D
	PL6	6.00	52	873	0.75	1.0	0.9	1.50	Е
	PL9A	10.75	256	1499	0.75	1.0	0.9	1.55	Е
	ML1	5.00	256	0	0.75	1.0	0.9	0.38	Α
	P10S	14.00	817	505	0.75	1.0	0.9	0.79	С
	P11	8.00	318	249	0.75	1.0	0.9	0.60	В
	P3	13.50	26	237	0.75	1.0	0.9	0.19	Α
	M8	17.70	936	956	0.90	1.0	0.9	0.84	С
	M9	12.50	76	1525	0.90	1.0	0.9	1.05	D
	027	10.75	67	549	0.90	1.0	0.9	0.47	В
	M7	8.75	1033	338	0.90	1.0	0.9	1.19	D
	KC	10.25	2216	182	0.95	1.0	1.0	1.57	Е
	S1	3.75	6	62	0.80	1.0	0.9	0.16	Α
	03	7.75	19	185	0.80	1.0	0.9	0.24	Α
	P10	6.50	399	161	0.75	1.0	0.9	0.70	В
	P12	8.00	634	84	0.75	1.0	0.9	0.69	В
	P14	8.00	622	129	0.75	1.0	0.9	0.74	С
	P16	8.00	822	114	0.75	1.0	0.9	0.90	С
	P18	6.50	526	123	0.75	1.0	0.9	0.79	С
	P20A	6.50	181	117	0.75	1.0	0.9	0.38	Α
	P20	6.50	365	117	0.75	1.0	0.9	0.59	В
	P22	6.50	292	132	0.75	1.0	0.9	0.53	В
	P24	6.00	0	103	0.75	1.0	0.9	0.17	Α
	P13	8.00	396	666	0.75	1.0	0.9	1.19	D
	P15	8.00	571	386	0.75	1.0	0.9	1.01	D
	P17	8.00	636	336	0.75	1.0	0.9	1.00	D
	P19	8.00	321	376	0.75	1.0	0.9	0.76	С
	P19A	6.50	412	423	0.75	1.0	0.9	1.11	D
	P21	6.50	389	380	0.75	1.0	0.9	1.02	D
	P23	6.50	422	333	0.75	1.0	0.9	0.99	С
	P25	5.00	97	430	0.75	1.0	0.9	0.99	С
	U1	5.00	410	73	0.90	0.8	0.9	0.93	С
PM	U5	5.00	344	89	0.90	0.8	0.9	0.83	С
	U6	5.00	653	119	0.90	0.8	0.9	1.49	Е
	U2	5.00	498	98	0.90	0.8	0.9	1.15	D
	PL2	6.50	886	234	0.75	1.0	0.9	1.42	Е
	PL3	6.50	708	114	0.75	1.0	0.9	1.02	D
	PL5	6.00	669	272	0.75	1.0	0.9	1.32	D
	PL6	6.00	830	419	0.75	1.0	0.9	1.77	F
	PL9A	10.75	915	414	0.75	1.0	0.9	1.04	D
	ML1	5.00	0	0	0.75	1.0	0.9	0.00	Α
	P10S	14.00	531	522	0.75	1.0	0.9	0.65	В
	P11	8.00	184	257	0.75	1.0	0.9	0.49	В
	P3	13.50	189	175	0.75	1.0	0.9	0.23	Α
	M8	17.70	0	0	0.00	0.0	0.0	0.00	Α
	M9	12.50	0	0	0.00	0.0	0.0	0.00	Α
	027	10.75	0	15-Minute Vo	Surge Factor	0.0	riction Facto	V/CRatio	F
	M7	8.75	Down	Up	Up	Down	0.0	0.00	Α
	KC	10.25	767	870	0.90	1.0	0.9	0.73	С
	S1	3.75	1173	377	0.90	1.0	0.9	0.94	С
	O3	7.75	452	188	1.00	0.9	0.9	0.48	В

With-Action Without-Improvements Escalator Analysis at the Grand Central 42nd Street Subway Station

Peak Period	Escalator	Width (in.)	Treads Per Minute	Guideline Capacity	15-Minute Pedestrian Volumes	Surging Factor	V/C Ratio	LOS
	E203	32	90	750	750	0.80	1.25	D
	E204	32	90	750	750	0.80	1.25	D
	E205	40	90	945	845	0.80	1.12	D
A N 4	E206	40	90	945	845	0.80	1.12	D
AM	E208	40	90	945	954	0.75	1.35	Е
	E210	40	90	945	954	0.75	1.35	Е
	E255	40	90	945	1079	0.95	1.20	D
	E256	40	90	945	1080	0.95	1.20	D
	E203	32	90	750	414	0.80	0.69	В
	E204	32	90	750	915	1.00	1.22	D
	E205	40	90	945	661	0.80	0.87	С
DM	E206	40	90	945	1188	1.00	1.26	D
PM	E208	40	90	945	737	0.75	1.04	D
	E210	40	90	945	1335	1.00	1.41	Е
	E255	40	90	945	1071	0.95	1.19	D
	E256	40	90	945	1104	1.00	1.17	D

With-Action Without-Improvements Subway Passageway Analysis at the Grand Central 42nd Street Subway Station

Passageway	Peak Period	Effective Width (ft.)	15-Minute Pedestrian Volumes		Surging Factor	Surging Factor	Friction Factor	V/C Ratio	LOS
			West	East	West	East	ractor		
Passageway between	AM	15.0	1467	1171	0.95	0.95	0.9	0.91	С
Mezzanine A and Shuttle	PM	15.0	539	1545	0.95	0.95	0.9	0.72	С

Notes:

With-Action Without-Improvements Subway Stair Analysis at the 42nd Street Bryant Park Station

Peak Period	Fare Control	Stairway	Width (ft.)	Effective		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou	Area			Width (ft.)	Down	Up	ractor	racioi		
		MB20	10.00	8.75	59	711	0.9	0.9	0.72	С
	N502	P13	10.00	8.75	60	346	0.75	0.9	0.44	Α
		P14	10.00	8.75	51	730	0.75	0.9	0.87	С
		S5	4.92	3.92	46	470	0.9	0.9	1.07	D
		S6	5.00	4.00	30	393	0.9	0.9	0.86	С
AM		P1	6.75	5.75	26	337	0.75	0.9	0.61	В
	N504	P2	6.75	5.75	27	451	0.75	0.9	0.81	С
	10004	P3	6.67	5.67	45	418	0.75	0.9	0.79	С
		P4	6.67	5.67	53	657	0.75	0.9	1.21	D
		P5	6.67	5.67	3	194	0.75	1.0	0.31	Α
		P6	6.50	5.50	7	234	0.75	1.0	0.39	Α
		MB20	10.00	8.75	1252	148	0.9	0.9	1.20	D
	N502	P13	10.00	8.75	887	99	0.75	0.9	0.86	С
		P14	10.00	8.75	545	140	0.75	0.9	0.62	В
		S5	4.92	3.92	429	139	0.9	0.9	1.10	D
		S6	5.00	4.00	347	96	0.9	0.9	0.84	С
PM		P1	6.75	5.75	476	204	0.75	0.9	0.96	С
	N504	P2	6.75	5.75	206	133	0.75	0.9	0.49	В
	N304	P3	6.67	5.67	543	131	0.75	0.9	0.94	С
		P4	6.67	5.67	481	160	0.75	0.9	0.91	С
		P5	6.67	5.67	25	81	0.75	0.9	0.17	Α
		P6	6.50	5.50	20	112	0.75	0.9	0.23	Α

With-Action Without-Improvements Subway Fare Array Analysis
at the 42nd Street Bryant Park Station

Peak	Fare	Control Florount	0		reuesiliali	Surging	Friction	VIC Detie	1.00
Period	Array	Control Element	Quantity	ln	Out	Factor	Factor	V/C Ratio	LOS
	N504	Two-way Turnstile	6	135	3407	0.9	1.0	0.73	С
АМ	11304	High Entry/Exit Turnstile	3	135	3407	0.9	1.0	0.73	C
	N502	Two-way Turnstile	5						
		High Entry/Exit Turnstile	1	111	1076	0.9	0.9	0.32	Α
		High Exit Turnstile	2						
	N504	Two-way Turnstile	6	2504	718	0.9	0.0	4.05	Г
		High Entry/Exit Turnstile	3	3521			0.9	1.35	E
PM		Two-way Turnstile	5						
	N502	High Entry/Exit Turnstile	1	1433	238	0.9	0.9	0.74	С
	ŀ	High Exit Turnstile	2						

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Stair Analysis at the Fifth Avenue Station

Peak Period	Fare Control	Stairway	Width (ft.)	Effective Width (ft.)		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou	Area			wiath (it.)	Down	Up	Facioi	racioi		
		M1/M2	11.33	10.08	87	1114	0.8	0.9	1.09	D
	R501	P2	8.25	7.00	27	509	0.75	0.9	0.75	С
	K301	P3	8.00	6.75	40	282	0.75	0.9	0.46	В
AM		P4	8.00	6.75	3	122	0.75	1.0	0.16	Α
		S2	5.67	4.67	14	130	0.9	0.9	0.25	Α
	R500	S3	5.67	4.67	8	184	0.75	1.0	0.36	Α
		M3	13.33	12.08	22	314	0.75	0.9	0.27	Α
		M1/M2	11.33	10.08	863	245	0.8	0.9	0.86	С
	R501	P2	8.25	7.00	353	148	0.75	0.9	0.58	В
	ROUT	P3	8.00	6.75	354	77	0.75	0.9	0.50	В
PM		P4	8.00	6.75	36	14	0.75	0.9	0.06	Α
		S2	5.67	4.67	107	72	0.9	0.9	0.30	Α
	R500	S3	5.67	4.67	76	44	0.75	0.9	0.21	Α
		M3	13.33	12.08	183	116	0.75	0.9	0.21	А

With-Action Without-Improvements Subway Fare Array Analysis at the Fifth Avenue Station

Peak Period	Fare Array	Control Element	Quantity		Pedestrian mes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou		Element		ln	Out	ractor	ractor		
	R501	Two-way Turnstile	8	87	1114	0.8	0.9	0.33	А
AM	R500	High Entry/Exit Turnstile	2	22	314	0.9	0.9	0.28	А
		HighExit Turnstile	1			0.9	0.9	0.20	A
	R501	Two-way Turnstile	8	863	245	0.8	0.9	0.35	А
PM	R500 -	High Entry/Exit Turnstile	2	400	116	0.9	0.9	0.49	В
		HighExit Turnstile	1	183	110	0.9 0.9		0.49	D

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Stair Analysis at the 47-50th Street - Rockefeller Center (B,D,F,M) Station

Peak	Fare	Ctaimman	\A/: - 4 - /f4 \	Effective		Pedestrian Imes	Surging	Friction	V/C Datia	
Period	Control Area	Stairway	Width (ft.)	Width (ft.)	Down	Up	Factor	Factor	V/C Ratio	LOS
	Alta	S1	5.00	4.00	32	620	0.9	1.0	1.20	D
		S6	5.00	4.00	11	350	0.9	1.0	0.67	В
		M1	12.00	10.75	42	970	0.9	1.0	0.07	В
	N501	P1	6.08	5.08	22	562	0.9	1.0	1.01	D
	10001	P2	6.17	5.06	83	490	0.75	0.9	1.06	D
		P3	8.58	7.33	21	612	0.75	1.0	0.76	C
		P4	8.50	7.35	107	556	0.75	0.9	0.70	C
		P5	6.33	5.33	20	498	0.75	1.0	0.86	C
	N501A	P6	5.75	4.75	148	620	0.75	0.9	1.52	E
	NOUTA	S5	4.25	3.25	20	263	0.75	0.9	0.71	C
AM		SB1/MB1	7.25	6.00	26	124	0.9	0.9	0.71	A
	P7	6.25	5.25	34	373	0.9	0.9	0.20	C	
	N500A	P8	6.25	5.25	98	788	0.75	0.9	1.62	E
	NOUGH	P15	7.50	6.50	32	322	0.75	0.9	0.53	В
		P16	5.67	4.67	77	380	0.75	0.9	0.93	С
		06/07	7.75	6.50	46	306	0.75	0.9	0.93	A
		P9	6.33	5.33	54	485	0.9	0.9	0.44	C
	N500	P10	6.67	5.67	56	692	0.75	0.9	1.28	D
	NOUU	P10			30	407				С
		P12	6.50 6.25	5.50 5.25	24	210	0.75 0.75	0.9	0.77	A
		S1	5.00	4.00	646	55	0.75	0.9	1.31	D
						31			-	
		S6	5.00	4.00	259	_	0.9	0.9	0.54	<u>В</u> В
	NEO4	M1	12.00	10.75	905	86	0.9	0.9	0.69	F F
	N501	P1	6.08	5.08	1038	307	0.75	0.9	2.11	
		P2	6.17	5.17	444	62	0.75	0.9	0.76	C
		P3 P4	8.58	7.33	531	143	0.75	0.9	0.73	C
			8.50 6.33	7.25	692 422	65 172	0.75	0.9	0.80	C
	NEOLA	P5 P6	5.75	5.33	422	93	0.75	0.9	0.90	C
	N501A	L		4.75			0.75		0.88	C
PM		S5	4.25	3.25	269	50	0.9	0.9	0.74	
		SB1/MB1	7.25	6.00	113	23	0.9	0.9	0.17	A
	NEODA	P7 P8	6.25	5.25	266 184	78 92	0.75	0.9	0.52	B
	N500A		6.25	5.25		_	0.75	0.9	0.43	Α
		P15	7.50	6.50	158	48	0.75	0.9	0.25	Α
		P16 O6/O7	5.67	4.67	102 265	26 84	0.75 0.9	0.9	0.22	Α
			7.75	6.50		79		0.9	0.41	A E
	NEOO	P9	6.33	5.33	1075		0.75		1.64	
	N500	P10	6.67	5.67	397	106	0.75	0.9	0.70	C
		P12 P14	6.50 6.25	5.50 5.25	249 465	50 32	0.75 0.75	0.9	0.43	A C
Notes:	l	P14	0.25	ე.25	400	32	0./5	0.9	0.72	U

With-Action Without-Improvements Subway Fare Array Analysis at the 47-50th Street - Rockefeller Center (B,D,F,M) Station

Peak	Fare Array	Control	Quantity	15-Minute Volu		Surging	Friction	V/C Ratio	LOS
Period		Element		ln	Out	Factor	Factor		
		Two-way Turnstile	8						
	N501	High Entry/Exit Turnstile	2	95	1987	0.9	1.0	0.32	Α
		High Exit Turnstile	2						
AM		Two-way Turnstile	8						
Alvi	N501A	High Entry/Exit Turnstile	4	44	1076	0.9	1.0	0.15	Α
		High Exit Turnstile	2						
-	N500A	High Entry/Exit Turnstile	2	29	127	0.9	0.9	0.21	Α
	N500	Two-way Turnstile	10	118	4111	0.9	1.0	0.74	С
		Two-way Turnstile	8		192			0.53	
	N501	High Entry/Exit Turnstile	2	1734		0.9	0.9		В
		High Exit Turnstile	2						
PM		Two-way Turnstile	8						
1 101	N501A	High Entry/Exit Turnstile	4	758	175	0.9	0.9	0.22	Α
		High Exit Turnstile	2						
	N500A	High Entry/Exit Turnstile	2	125	34	0.9	0.9	0.31	А
Natas	N500	Two-way Turnstile	10	4036	1363	0.9	0.9	1.33	D

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Stair Analysis at the 51st Street Station

Peak Period	Fare Control	Stairway	Width (ft.)	Effective		Pedestrian ımes	Surging Factor	Friction	V/C Ratio	LOS
Periou	Area			Width (ft.)	Down	Up	ractor	Factor		
		S2	5.17	4.17	55	395	0.75	0.9	1.03	D
	D042	S5	4.08	3.08	11	19	0.75	0.9	0.09	Α
	R243	S4	4.50	3.50	15	307	0.75	1.0	0.81	С
AM		S6	4.50	3.50	7	168	0.75	1.0	0.44	Α
Alvi	R242	S3	4.50	3.50	23	219	0.75	0.9	0.67	В
	R242	S8	4.50	3.50	75	250	0.75	0.9	0.87	С
	R242A	01/02	10.00	8.75	81	595	0.75	0.9	0.74	С
	N305A	U1	4.17	3.17	449	9	0.75	1.0	1.28	D
		S2	5.17	4.17	444	112	0.75	0.9	1.06	D
	R243	S5	4.08	3.08	24	28	0.75	0.9	0.15	Α
	N243	S4	4.50	3.50	256	75	0.75	0.9	0.76	С
DM		S6	4.50	3.50	57	49	0.75	0.9	0.26	Α
PM	R242	S3	4.50	3.50	359	50	0.75	0.9	0.90	С
	N242	S8	4.50	3.50	181	57	0.75	0.9	0.54	В
	R242A	01/02	10.00	8.75	366	72	0.75	0.9	0.39	Α
	N305A	U1	4.17	3.17	550	8	0.75	1.0	1.56	Е

With-Action Without-Improvements Subway Escalator Analysis at the 51st Street Station

Peak Period	Escalator	Width (in.)	Treads Per Minute	Guideline Capacity	15-Minute Pedestrian Volumes	Surging Factor	V/C Ratio	LOS
AM	E252 (UP)	40	90	945	775	0.75	1.09	D
PM	E252 (UP)	40	90	945	424	0.75	0.60	В

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Passageway Analysis at the 51st Street Station

Passageway	Peak Period	Width (ft.)	Effective Width (ft.)	15-Minute Volu	Pedestrian mes	Surging Factor	Friction Factor	V/C Ratio	LOS
				NB	SB				
To/From Lex Ave-	AM	15.25	13.3	1141	1427	0.75	0.9	1.10	D
53rd St	PM	15.25	13.3	1006	841	0.75	0.9	0.81	С

Notes:

With-Action Without-Improvements Subway Fare Array Analysis at the 51st Street Station

Peak Period	Fare Array	Control Element	Quantity		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
renou		Liciliciit		ln	Out	i actor	i actor		
	R242A	Two-way Turnstile	5	75	605	0.75	0.9	0.32	А
АМ	R242	Two-way Turnstile	9	104	469	0.75	0.9	0.15	А
	R243	Two-way Turnstile	9	88	944	0.75	0.9	0.27	А
	N305A	Two-way Turnstile	3	46	282	0.8	0.9	0.24	А
	R242A	Two-way Turnstile	5	364	65	0.75	0.9	0.22	А
DM	R242	Two-way Turnstile	9	533	114	0.75	0.9	0.19	Α
PM	R243	Two-way Turnstile	9	780	265	0.75	0.9	0.30	А
	N305A	Two-way Turnstile	3	455	42	0.8	0.9	0.43	А

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Stair Analysis at the Lexington Avenue/53rd Street Station

Peak Period	Fare Control	Stairway	Width (ft.)	Effective Width (ft.)		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
Pellou	Area			wiath (it.)	Down	Up	racioi	racioi		
	N305B	O5	10.00	8.75	48	757	0.75	0.9	0.70	В
	N305	07/08	12.00	10.75	77	511	0.8	0.9	0.49	В
A N 4	NSUS	P7	3.70	2.70	37	138	0.75	0.9	0.61	В
AM	N306A	S4	5.00	4.00	22	153	0.8	0.9	0.39	Α
	NOUGA	S3	5.00	4.00	36	228	0.8	0.9	0.60	В
	N306	P1	4.00	3.00	91	322	0.75	0.9	1.28	D
	N305B	O5	10.00	8.75	828	84	0.75	0.9	1.01	D
	N305	07/08	12.00	10.75	456	77	0.8	0.9	0.38	Α
DM	NSUS	P7	3.70	2.70	169	12	0.75	0.9	0.51	В
PIVI	PM N2064	S4	5.00	4.00	174	17	0.8	0.9	0.36	Α
	N306A	S3	5.00	4.00	310	17	0.8	0.9	0.61	В
	N306	P1	4.00	3.00	129	32	0.75	0.9	0.42	А

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Escalator Analysis at the Lexington Avenue/53rd Street Station

Peak Period	Escalator	Width (in.)	Treads Per Minute	Guideline Capacity	15-Minute Pedestrian Volumes	Surging Factor	V/C Ratio	LOS
	E243 (UP)	40	90	945	823	0.75	1.16	D
	E244 (UP)	40	90	945	889	0.75	1.25	D
AM	E269 (DOWN)	40	90	945	581	1.00	0.61	В
Alvi	E254X (UP)	24	90	480	414	0.75	1.15	D
	E245 (UP)	40	90	945	601	0.75	0.85	С
	E246 (UP)	40	90	945	878	0.75	1.24	D
	E243 (UP)	40	90	945	552	0.75	0.78	С
	E244 (DOWN)	40	90	945	1237	1.00	1.31	D
PM	E269 (DOWN)	40	90	945	1159	1.00	1.23	D
r IVI	E254X (UP)	24	90	480	443	0.75	1.23	D
	E245 (UP)	40	90	945	881	0.75	1.24	D
	E246 (DOWN)	40	90	945	970	1.00	1.03	D

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

With-Action Without-Improvements Subway Fare Array Analysis at the Lexington Avenue/53rd Street Station

Peak Period	Fare Array	Control Element	Quantity		Pedestrian mes	Surging Factor	Friction Factor	V/C Ratio	LOS
1 Criou		Licinciit		ln	Out	1 dotoi	1 dotoi		
	N305B	Two-way Turnstile	5	27	1707	0.8	1.0	0.67	В
AM	N305	Two-way Turnstile	11	117	1232	0.8	0.9	0.27	Α
AIVI	N306A	High Entry/Exit Turnstile	2	135	234	0.8	0.9	0.60	В
	N306	Two-way Turnstile	8	108	782	0.8	0.9	0.25	А
	N305B	Two-way Turnstile	5	392	74	0.8	0.9	0.24	Α
PM	N305	Two-way Turnstile	11	989	176	0.8	0.9	0.27	Α
FIVI	N306A	High Entry/Exit Turnstile	2	368	46	0.8	0.9	0.86	С
	N306	Two-way Turnstile	8	899	270	0.8	0.9	0.37	А

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

With-Action Without-Improvements Subway Stair Analysis at the Lexington Avenue - 59th Street Station

Peak Period	Fare Control Area	Stairway	Width (ft.)	Effective Width (ft.)		Pedestrian ımes	Surging Factor	Friction	V/C Ratio	LOS	
Period				wiath (it.)	Down	Up	Factor	Factor			
	INTERMEDIATE		6.00	5.00	783	178	0.8	0.9	1.71	F	
AM	INTERMEDIATE MEZZANINE	ML4	4.75	3.75	381	354	0.8	0.9	1.64	Е	
	WILZZAMINL	ML6	6.00	5.00	403	247	0.8	0.9	1.11	D	
	R244A	SB1/MB1	8.00	6.75	648	430	0.75	0.9	1.34	Е	
	RZ44A	PL1	4.00	3.00	622	0	0.75	1.0	1.38	Е	
	R245A	O10/O9/O8	10.00	8.75	667	284	0.75	0.9	0.88	С	
	RZ45A	PL2	4.00	3.00	591	0	0.75	1.0	1.31	D	
PM	INTERMEDIATE	ML2	6.00	5.00	557	351	0.8	0.9	1.55	E	
	INTERMEDIATE MEZZANINE	ML4	4.75	3.75	326	355	0.8	0.9	1.51	E	
	WILZZAMINL	ML6	6.00	5.00	278	188	0.8	0.9	0.79	С	
	A002	P12	2.83	1.83	82	4	0.75	1.0	0.41	Α	
	AUUZ	S2/S4/M2	4.25	3.25	234	21	0.8	0.9	0.59	В	

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Fare Array Analysis at the Lexington Avenue - 59th Street Station

Peak Period	Fare Array	Control Element	Quantity	15-Minute Volu	Pedestrian mes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou		Element		ln	Out	ractor	Factor		
	R244A	Two-way Turnstile	5	872	232	0.9	0.9	0.44	A
	N244A	High Entry/Exit Turnstile	2	072	232	0.9	0.9	0.44	ζ.
PM	R245A	Two-way Turnstile	4	1161	414	0.9	0.9	0.73	O
FIVI	11243/1	High Entry/Exit Turnstile	2	1101	717	0.9	0.9	0.73	O
	Δ002	Two-way Turnstile	10	606	221	0.9	0.9	0.19	А
		High Exit Turnstile	4	000	221	0.9	0.9	0.19	A

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

With-Action Without-Improvements Subway Escalator Analysis at the Lexington Avenue - 59th Street Station

Peak Period	Escalator	Width (in.)	Treads Per Minute	Guideline Capacity	15-Minute Pedestrian Volumes	Surging Factor	V/C Ratio	LOS
PM	ES249 (DOWN)	40	90	945	916	1.00	0.97	С

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

With-Action Without-Improvements Subway Stair Analysis at the Fifth Avenue-53rd Street Station

Peak Period	Fare Control	Stairway	Width (ft.)	Effective Width (ft.)		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou	Area			wiath (it.)	Down	Up	Factor	ractor		
		O3	9.50	8.25	28	1041	0.8	1.0	1.07	D
A N 4	NOOA	S1	8.00	7.00	22	665	0.8	1.0	0.81	С
AM	N304	P1	4.00	3.00	39	34	0.75	0.9	0.21	Α
		PL1/PL2	10.00	8.75	12	1359	0.75	1.0	1.39	Е
		O3	9.50	8.25	765	86	0.8	0.9	0.78	С
PM	N304	S1	8.00	7.00	843	0	0.8	1.0	0.80	С
FIVI	N30 4	P1	4.00	3.00	240	3	0.75	1.0	0.54	В
		PL1/PL2	10.00	8.75	322	113	0.75	0.9	0.40	Α

Notes:

Methodology based on CEQR Technical Manual guidelines.

With-Action Without-Improvements Subway Escalator Analysis at the Fifth Avenue-53rd Street Station

Peak Period	Escalator	Width (in.)	Treads Per Minute	Guideline Capacity	15-Minute Pedestrian Volumes	Surging Factor	V/C Ratio	LOS
AM	E241 (UP)	40	90	945	826	0.8	1.09	D
AIVI	E242 (UP)	40	90	945	824	0.8	1.09	D
DM	E241 (UP)	40	90	945	150	0.8	0.20	Α
PM	E242 (DOWN)	40	90	945	1218	1.0	1.29	D

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

With-Action Without-Improvements Subway Fare Array Analysis at the Fifth Avenue-53rd Street Station

Peak Period	Fare Array	Control Element	Quantity		Pedestrian ımes	Surging Factor	Friction Factor	V/C Ratio	LOS
Periou		Element		ln	Out	Factor	ractor		
AM	N304	Two-way Turnstile	6	22	665	0.8	1.0	0.22	А
Aivi	N304A	Two-way Turnstile	3	28	1041	0.8	1.0	0.69	В
PM	N304	Two-way Turnstile	6	843	65	0.8	0.9	0.40	Α
PIVI	N304A	Two-way Turnstile	3	765	86	0.8	0.9	0.74	С

Notes:

Methodology based on CEQR Technical Manual guidelines.

Surging factors applied only to exiting volumes.

Appendix F.14
Pedestrian Volumes (Sidewalks, Crosswalks and Corners)

THIS APPENDIX HAS BEEN UPDATED FOR THE FEIS



Greater East Midtown Pedestrian Analysis Locations Sidewalks - AM

Seh St	Street	Cross Street 1	Cross Street 2	C:do	Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Sam St. Sh	Street			Side					
Maribon Sth Maribon S									
Madison Ave									
Madison Ave									
Madison Ave A0th Afst W SB 1495 1553 91 1644									
Auth									
Auth									
41st Sh Madson S EB 405 420 68 488 41st 5th Madson N WB 537 553 14 567 43rd 5th Madson N WB 537 652 277 1139 44th 5th Madson N WB 1131 1191 7 1198 44th 5th Madson S EB 536 569 174 743 44th 5th Madson S EB 536 569 174 743 44th 4th 45th WB 850 897 96 983 Madison AV 4th 45th WB 850 897 96 983 44th 5th Madison N BB 475 520 122 642 44th 5th Madison N WB 625 797 221 101								_	
41st Sh Madson S WB 537 55.3 14 567 43rd 5h Madson N EB 703 862 277 1139 44rh 5h Madson N WB 1131 1191 7 1198 44th 5h Madson N WB 658 568 174 743 44th 45h Madson N WB 850 897 96 933 Madison Ave 44th 45h WB 850 897 96 933 44th 5th Madson N EB 393 683 213 896 44th 5th Madson N VB 645 730 4 726 45th Madson S EB 393 683 213 896 45th Madson S EB 625 797 221 1018									
Strict									
Standard Sth Madison N WB H131 H191 T T H198									
44th 5th Madison S EB 536 598 174 743 44th 5th Madison S WB 678 708 0 708 Madison Ave 44th 45th W NB 850 897 96 993 Madison Ave 44th 45th W NB 850 897 96 993 Madison Ave 44th 45th Madison N EB 333 833 213 896 44th 5th Madison N EB 625 797 221 101 722 45th Madison N EB 522 548 124 677 45th Madison N WB 722 752 -10 742 45th Madison N WB 587 675 13 688 46th 5th Madison N WB 817 928									
44th 5th Macison New 8 WB 678 708 0 708 Madison Ave 44th 45th W NB 850 897 96 993 Madison Ave 44th 45th W NB 455 520 122 642 44th 5th Macison N EB 393 683 213 896 45th 5th Macison N WB 645 730 -4 726 45th 5th Macison S EB 625 797 221 1018 45th 5th Macison N WB 722 752 -10 742 45th 5th Macison N EB 522 548 124 672 45th Macison S EB 913 943 127 1070 45th Macison S EB 574 588 14									
Madison Ave									
Madison Ave 44th 45th W SB 475 520 122 642 44th 5th Madison N EB 393 683 213 896 45th 5th Madison N EB 625 797 221 1018 45th 5th Madison N EB 625 797 221 1018 45th 5th Madison N EB 522 548 124 672 45th 5th Madison N VB 587 675 13 688 46th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 3574									
44th 5th Madison N EB 393 683 213 896 45th 5th Madison N WB 645 730 -4 722 45th 5th Madison S EB 625 797 221 1018 45th 5th Madison N EB 522 548 124 672 45th 5th Madison N VB 587 675 13 688 45th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 574 588 14 602 53rd 5th Madison S WB 330 339 253 592 53rd 5th Madison N WB 260 268 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
44th 5th Madison N WB 645 730 -4 726 45th 5th Madison S EB 625 797 221 1018 45th 5th Madison N EB 522 752 -10 742 45th 5th Madison N EB 522 548 124 672 45th 5th Madison S EB 522 548 124 672 48th 5th Madison S EB 913 943 127 1070 48th 5th Madison S EB 574 588 14 602 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N WB 845 895 283 1178 53rd 5th Madison N WB 845 895 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
45th Madison S EB 625 797 221 1018 45th Sth Madison N EB 522 548 124 672 45th Sth Madison N EB 522 548 124 672 45th Sth Madison N WB 587 675 13 688 48th Sth Madison S EB 913 943 127 1070 48th Sth Madison S EB 574 588 14 602 26rd 5th Madison S EB 574 588 15 943 53rd 5th Madison N WB 260 268 418 686 Vanderbilt Ave 43rd 44th E NB 845 895 223 1178 43rd Madison Vanderbilt Ave 44th 45th E NB </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
45th Madison S WB 722 752 -10 742 45th 5th Madison N EB 522 548 124 672 45th 5th Madison N WB 857 675 13 688 46th 5th Madison S EB 913 943 127 1070 46th 5th Madison S EB 913 943 127 1070 53rd 5th Madison S EB 574 588 14 602 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N WB 845 895 283 1178 Vanderbilt Ave 43rd 44th E SB 251 272 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
45th Madison N EB 522 548 124 672 45th 5th Madison N WB 587 675 13 688 46th 5th Madison S EB 913 943 127 1070 46th 5th Madison S EB 574 588 14 602 53rd 5th Madison S EB 330 339 253 592 53rd 5th Madison N EB 333 362 10 372 53rd 5th Madison N WB 260 288 418 686 Vanderbilt Ave 43rd 44th E NB 845 895 283 1178 Vanderbilt Ave 43rd 44th E NB 838 933 355 128 Vanderbilt Ave 44th 45th E NB 1385 14									
45th 5th Madison N WB 587 675 13 688 46th 5th Madison S EB 913 943 127 1070 53rd 5th Madison S EB 574 588 14 602 53rd 5th Madison S EB 574 588 14 602 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N BB 260 268 418 686 Vanderbilt Ave 43rd 44th E SB 251 272 11 228 Vanderbilt Ave 44th 45th E NB 838									
46th									
46th 5th Madison S WB 817 928 15 943 53rd 5th Madison S EB 574 588 14 602 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N EB 353 362 10 372 Vanderbitk Ave 43rd 44th EB BB 451 272 11 283 43rd Madison Vanderbitk N BB 845 895 283 1178 Vanderbitk Ave 44th 45th E NB 338 933 355 1288 Vanderbitk Ave 44th 45th E NB <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
53rd Sth Madison S EB 574 588 14 602 53rd 5th Madison N EB 353 339 253 592 53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N WB 260 268 418 686 Vanderbilt Ave 43rd 44th E NB 845 895 283 1178 Vanderbilt Ave 43rd 44th E NB 845 895 283 1178 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 40th 41st E NB 1385 1429 198 1627 Vanderbilt Ave 40th 41st E									
53rd 5th Madison N EB 353 362 10 372 53rd 5th Madison N WB 260 268 4118 686 Vanderbilt Ave 43rd 44th E NB 845 895 283 1178 Vanderbilt Ave 43rd Madison Vanderbilt N EB 224 314 10 324 43rd Madison Vanderbilt N WB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 44th 45th E SB 282 308 9 317 Park Ave 40th 41st E NB 658 736 44 780 Park Ave 40th 41st W NB 1141 1246 8 12280 Park Ave 40th 41st <td>53rd</td> <td>5th</td> <td>Madison</td> <td></td> <td>EB</td> <td></td> <td></td> <td></td> <td>602</td>	53rd	5th	Madison		EB				602
53rd 5th Madison N WB 260 268 418 686 Vanderbilt Ave 43rd 44th E NB 845 895 283 1178 Vanderbilt Ave 43rd 44th E SB 251 272 11 283 43rd Madison Vanderbilt N EB 224 314 10 324 43rd Madison Vanderbilt N WB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 44th 45th E NB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 838 933 355 1288 Vanderbilt Ave 40th 41st E NB 658 736 44 780 9317 934 948 936 9	53rd	5th	Madison	S	WB	330	339	253	592
Vanderbilt Ave	53rd	5th	Madison	N	EB	353	362	10	372
Vanderbilt Ave 43rd 44th E SB 251 272 11 283 43rd Madison Vanderbilt N EB 224 314 10 324 43rd Madison Vanderbilt N WB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Park Ave 40th 41st E NB 1385 1429 198 1627 Park Ave 40th 41st E NB 1385 1429 198 1627 Park Ave 40th 41st E NB 1141 129 198 1627 Park Ave 40th 41st W NB 1141 1246 8 1254 Park Ave 40th 47th W NB 1117 1201 15 1216 Park Ave 49th 50th W	53rd	5th	Madison	N	WB	260	268	418	686
43rd Madison Vanderbilt N EB 224 314 10 324 43rd Madison Vanderbilt N WB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Park Ave 40th 41st E NB 658 736 44 780 Park Ave 40th 41st E NB 658 736 44 780 Park Ave 40th 41st E NB 1170 1201 15 125 Park Ave 40th 41st W NB 11170 1201 15 1216 Park Ave 48th 47th W NB 1041 1071 2 1073 Park Ave 49th 50th W	Vanderbilt Ave	43rd	44th	Е	NB	845	895	283	1178
43rd Madison Vanderbilt N WB 838 933 355 1288 Vanderbilt Ave 44th 45th E NB 1385 1429 198 1627 Vanderbilt Ave 44th 45th E SB 282 308 9 317 Park Ave 40th 41st E NB 658 736 44 780 Park Ave 40th 41st E SB 1198 1262 97 1359 Park Ave 40th 41st W NB 11141 1246 8 1254 Park Ave 40th 41st W NB 11141 1246 8 1254 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W <td< td=""><td>Vanderbilt Ave</td><td>43rd</td><td>44th</td><td>E</td><td>SB</td><td>251</td><td>272</td><td>11</td><td>283</td></td<>	Vanderbilt Ave	43rd	44th	E	SB	251	272	11	283
Vanderbilt Ave 44th A5th A5th E E NB 1385 1429 198 1627 Park Ave 40th A1tst E E NB 688 282 308 9 317 Park Ave 40th A1tst E NB 688 736 44 780 Park Ave 40th A1st W NB 1141 1246 8 1254 Park Ave 40th A1st W NB 11141 1246 8 1254 Park Ave Ave 40th A1st W NB 11170 1201 15 1216 Park Ave 46th A7th W NB 1170 1201 15 1216 Park Ave 49th Soth W NB 1041 1071 2 1073 Park Ave 49th Soth W SB 935 966 53 1019 40th Lexington 3rd N N EB 590 612 14 626 40th Lexington 3rd N N EB 590 612 14 626 41st Lexington 3rd S EB 1468	43rd	Madison	Vanderbilt	N	EB	224	314	10	324
Vanderbilt Ave 44th 45th E SB 282 308 9 317 Park Ave 40th 41st E NB 658 736 44 780 Park Ave 40th 41st E SB 1198 1262 97 1359 Park Ave 40th 41st W NB 1141 1246 8 1254 Park Ave 40th 41st W SB 2109 2175 105 2280 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 46th 47th W SB 476 494 6 500 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 40th Lexington 3rd N EB	43rd	Madison	Vanderbilt	N	WB	838	933	355	1288
Park Ave 40th Park Ave 41st E SB NB 658 736 44 780 Park Ave 40th 41st E SB SB 1198 1262 97 1359 Park Ave 40th 41st W SB 11141 1246 8 1254 Park Ave 40th 41st W SB 2109 2175 105 2280 Park Ave 46th 47th W SB 2109 2175 105 2280 Park Ave 46th 47th W SB 476 494 6 500 Park Ave 49th 50th W SB 935 966 53 1019 40th Lexington 3rd N W SB 935 966 53 1019 40th Lexington 3rd N WB 286 296 50 346 41st Lexington 3rd N WB 286 296 50 346 41st Lexington 3rd N WB 286 296 50 347 42nd Lexington 3rd N WB 693 855 50 905 42nd Lexington 3rd N WB 693 855 50 905 Lexington Ave 42nd 43rd W SB 1	Vanderbilt Ave	44th	45th	Е	NB	1385	1429	198	1627
Park Ave 40th 41st E SB 1198 1262 97 1359 Park Ave 40th 41st W NB 1141 1246 8 1254 Park Ave 40th 41st W SB 2109 2175 105 2280 Park Ave 46th 47th W NB 11170 1201 15 1216 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 935 966 53 1019 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N WB	Vanderbilt Ave	44th	45th	E	SB	282	308	9	317
Park Ave 40th 41st W NB 1141 1246 8 1254 Park Ave 40th 41st W SB 2109 2175 105 2280 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 40th Lexington 3rd N EB 935 966 53 1019 40th Lexington 3rd N WB	Park Ave	40th	41st	Е	NB	658	736	44	780
Park Ave 40th 41st W SB 2109 2175 105 2280 Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 46th 47th W SB 476 494 6 500 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W SB 935 966 53 1019 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N WB 286 296 50 346 41st Lexington 3rd S EB 1468 1568 -2 1566 41st Lexington 3rd N EB 1468 1568 -2 347 42nd Lexington 3rd N EB 1	Park Ave	40th	41st	E	SB	1198	1262	97	1359
Park Ave 46th 47th W NB 1170 1201 15 1216 Park Ave 46th 47th W SB 476 494 6 500 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W NB 1041 1071 2 1073 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N EB 146	Park Ave	40th	41st	W	NB	1141	1246	8	1254
Park Ave 46th 47th W SB 476 494 6 500 Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W SB 935 966 53 1019 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N EB 590 612 14 626 41st Lexington 3rd S EB 1468 1568 -2 1566 41st Lexington 3rd N EB 1603 1937 406 2343 42nd Lexington 3rd N BB 1603 1937 406 2343 42nd Lexington Av VB 693 8									
Park Ave 49th 50th W NB 1041 1071 2 1073 Park Ave 49th 50th W SB 935 966 53 1019 40th Lexington 3rd N EB 590 612 14 626 40th Lexington 3rd N WB 286 296 50 346 41st Lexington 3rd S EB 1468 1568 -2 1566 41st Lexington 3rd S WB 245 325 22 347 42nd Lexington 3rd N EB 1603 1937 406 2343 42nd Lexington 3rd N WB 693 855 50 905 Lexington Ave 42nd 43rd W NB 1578 1666 892 2558 Lexington Ave 42nd 43rd W NB								15	1216
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Greater East Midtown Pedestrian Analysis Locations Sidewalks - AM

Sidewalks - AM								
	Cross	Cross			Existing	No Action	Project	With Action
Street	Street 1	Street 2	Side	Direction	Volume	Volume	Increment	Volume
Lexington Ave	45th	46th	E	NB	1822	1881	265	2146
Lexington Ave	45th	46th	E W	SB	568	632	6	638
Lexington Ave	45th 45th	46th 46th	W	NB SB	1188 498	1229 590	365	1594
Lexington Ave Lexington Ave	45th	47th	E	NB	1138	1179	1 174	591 1353
Lexington Ave	46th	47th	E	SB	508	574	73	647
46th	Lexington	3rd	N	EB	565	581	7	588
46th	Lexington	3rd	N	WB	237	242	96	338
Lexington Ave	46th	47th	W	NB	914	948	271	1219
Lexington Ave	46th	47th	W	SB	430	518	8	526
Lexington Ave	47th	48th	Е	NB	655	684	101	785
Lexington Ave	47th	48th	Е	SB	764	839	152	991
47th	Lexington	3rd	S	EB	285	294	5	299
47th	Lexington	3rd	S	WB	308	315	61	376
Lexington Ave	48th	49th	E	NB	639	667	208	875
Lexington Ave	48th	49th	E	SB	754	832	291	1123
Lexington Ave	48th	49th	W	NB SB	177	190	246	436
Lexington Ave 48th	48th Park	49th Lexington	N	EB	129 416	214 429	357 747	571 1176
48th	Park	Lexington	N	WB	330	341	29	370
Lexington Ave	49th	50th	E	NB	772	815	68	883
Lexington Ave	49th	50th	E	SB	890	952	671	1623
49th	Lexington	3rd	N	EB	289	312	-21	291
49th	Lexington	3rd	N	WB	202	204	53	257
49th	Park	Lexington	S	EB	144	155	39	194
49th	Park	Lexington	S	WB	276	288	14	302
Lexington Ave	49th	50th	W	NB	170	187	57	244
Lexington Ave	49th	50th	W	SB	146	175	741	916
Lexington Ave	50th	51st	E	NB	812	987	-37	950
Lexington Ave	50th	51st	E	SB	1185	1303	-223	1080
50th	Lexington	3rd	N	EB	140	148	-1	147
50th 50th	Lexington Lexington	3rd 3rd	N S	WB EB	193 228	196 318	5 274	201 592
50th	Lexington	3rd	S	WB	123	173	84	257
Lexington Ave	50th	51st	W	NB	1263	1417	11	1428
Lexington Ave	50th	51st	W	SB	1584	1629	-90	1539
Lexington Ave	51st	52nd	Е	NB	1197	1274	350	1624
Lexington Ave	51st	52nd	Е	SB	1344	1417	68	1485
51st	Lexington	3rd	N	EB	648	665	314	979
51st	Lexington	3rd	N	WB	327	336	44	380
Lexington Ave	51st	52nd	W	NB	730	838	146	984
Lexington Ave	51st	52nd	W	SB	851	898	47	945
3rd Ave	42nd	43rd	E	NB	1268	1324	403	1727
3rd Ave	42nd	43rd	E	SB NB	695 1850	788	40 741	828
3rd Ave	43rd	44th 44th	E	SB	616	1931 745	741 55	2672
3rd Ave 3rd Ave	43rd 44th	45th	E	NB	2001	2097	92	800 2189
3rd Ave	44th	45th	E	SB	477	539	22	561
3rd Ave	51st	52nd	W	NB	938	984	417	1401
3rd Ave	51st	52nd	W	SB	1036	1094	56	1150
52nd	Lexington	3rd	S	EB	408	426	40	466
52nd	Lexington	3rd	S	WB	324	334	24	358
52nd	Lexington	3rd	N	EB	383	403	259	662
52nd	Lexington	3rd	N	WB	296	306	15	321
3rd Ave	52nd	53rd	E	NB	673	714	4	718
3rd Ave	52nd	53rd	E 14/	SB	2439	2527	44	2571
3rd Ave	52nd	53rd	W	NB	610	645	128	773
3rd Ave	52nd	53rd	W	SB	912	966	41	1007 1186
3rd Ave 3rd Ave	53rd 53rd	54th 54th	W	NB SB	996 578	1044 626	142 107	733
3rd Ave	55th	56th	W	NB	574	606	107	607
3rd Ave	55th	56th	W	SB	708	748	54	802
42nd	3rd	2nd	N	EB	1025	1418	780	2198
42nd	3rd	2nd	N	WB	555	605	58	663
2nd Ave	42nd	43rd	W	NB	762	789	10	799
2nd Ave	42nd	43rd	W	SB	413	465	3	468
43rd	3rd	2nd	S	EB	460	484	173	657
43rd	3rd	2nd	S	WB	228	239	19	258
42nd	6th	5th	N	EB	1472	2106	215	2321
42nd	6th	5th	N	WB	888	964	8	972
Lexington Ave	59th	60th	W	NB	283	293	-1	292
Lexington Ave	59th	60th	W	SB	1442	1487	4	1491

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Comers and cros			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
5th & 42nd	Corner	NE		336	392	1	393
	Corner	SE		448	605	1	606
	Corner	SW		377	394	39	433
	Corner	NW		679	695	48	743
	Crosswalk	N	EB	916	1700	202	1902
	Crosswalk	N	WB	449	568	9	577
	Crosswalk	E	NB	314	467	84	551
	Crosswalk	E	SB	322	439	14	453
	Crosswalk	S	EB	1630	1988	142	2130
	Crosswalk	S	WB	679	760	5	765
	Crosswalk	W	NB	461	667	156	823
	Crosswalk	W	SB	92	154	22	176
5th & 43rd	Corner	NE		115	172	9	181
	Corner	SE		405	429	0	429
	Corner	SW		71	73	0	73
	Corner	NW		119	139	0	139
	Crosswalk	N	EB	414	571	147	718
	Crosswalk	N	WB	847	907	5	912
	Crosswalk	E	NB	1572	1712	264	1976
	Crosswalk	E	SB	499	614	16	630
	Crosswalk	S	EB	428	543	52	595
	Crosswalk	S	WB	452	504	3	507
	Crosswalk	w	NB	1797	1956	205	2161
	Crosswalk	W	SB	545	641	16	657
5th & 44th	Corner	NE	OB	84	96	0	96
our a riur	Corner	SE		591	605	15	620
	Corner	SW		133	158	0	158
	Crosswalk	N	EB	413	630	153	783
	Crosswalk	N	WB	415	466	1	467
	Crosswalk	E	NB	1545	1680	138	1818
	Crosswalk	E	SB	497	541	42	583
	Crosswalk	S	EB	517	577	161	738
	Crosswalk	S	WB	296	326	2	328
	Crosswalk	W					
	Crosswalk	W	NB SB	1269 492	1397 534	93 35	1490 569
5th & 45th	Corner	SE	SB	263	293	19	312
311 & 43111		E	NB			37	
	Crosswalk			1281	1325		1362
	Crosswalk	E	SB	487	535 566	110	645
	Crosswalk	S	EB WB	422 591	566 603	137	703 607
Madison 9 40th	Crosswalk	S	WB	581	603	0	607
Madison & 40th	Corner			221	233		233
	Crosswell	NW	ED.	118	121	11	132
	Crosswalk	N	EB	684	718	37	755 673
	Crosswalk	N	WB	550	570	103	673
	Crosswalk	S	EB	834	867	17	884
	Crosswalk	S	WB	545	571	124	695
	Crosswalk	W	NB	910	974	90	1064
84 P 0 44 :	Crosswalk	W	SB	1161	1213	114	1327
Madison & 41st	Corner	SW		143	147	0	147
	Corner	NW		405	419	0	419
	Crosswalk	N	EB	307	330	6	336
	Crosswalk	N	WB	773	800	24	824
	Crosswalk	S	EB	405	427	29	456
	Crosswalk	S	WB	537	556	90	646
	Crosswalk	W	NB	748	806	93	899
	Crosswalk	W	SB	1391	1447	149	1596

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Madison & 42nd	Corner	NE	Direction	221	722	31	753
Madison & 42nd	Corner	SW		275	287	41	328
	Corner	NW		739	765	139	904
	Crosswalk	N	EB	876	1909	112	2021
	Crosswalk	N	WB	1422	1743	44	1787
	Crosswalk	E	NB	696	1119	106	1225
	Crosswalk	E	SB	1098	1397	37	1434
	Crosswalk	S	EB	790		46	
					1015		1061
	Crosswalk Crosswalk	S W	WB	1332	1472	15	1487
			NB	881	1000	146	1146
Madiana 0 40md	Crosswalk	W	SB	757	842	38	880
Madison & 43rd	Corner	NE		156	240	0	240
	Corner	SW		15	30	0	30
	Corner	NW		119	122	0	122
	Crosswalk	N	EB	455	581	6	587
	Crosswalk	N	WB	1074	1251	384	1635
	Crosswalk	E	NB	697	985	84	1069
	Crosswalk	E	SB	428	757	5	762
	Crosswalk	S	EB	320	495	-3	492
	Crosswalk	S	WB	975	1074	36	1110
	Crosswalk	W	NB	974	1016	286	1302
	Crosswalk	W	SB	393	483	9	492
Madison & 44th	Corner	SW		486	497	39	536
	Corner	NW		236	255	82	337
	Crosswalk	N	EB	201	495	-9	486
	Crosswalk	N	WB	383	460	99	559
	Crosswalk	S	EB	409	448	-6	442
	Crosswalk	S	WB	696	712	196	908
	Crosswalk	W	NB	845	900	124	1024
	Crosswalk	W	SB	372	412	38	450
Madison & 45th	Corner	NE		336	344	11	355
	Corner	SE		173	991	1	992
	Corner	SW		226	232	26	258
	Corner	NW		97	107	4	111
	Crosswalk	N	EB	326	348	-3	345
	Crosswalk	N	WB	803	898	110	1008
	Crosswalk	E	NB	689	924	161	1085
	Crosswalk	Е	SB	270	479	57	536
	Crosswalk	S	EB	398	631	-4	627
	Crosswalk	S	WB	762	798	580	1378
	Crosswalk	W	NB	711	742	191	933
	Crosswalk	W	SB	398	440	56	496
Madison & 46th	Corner	SW		299	311	66	377
	Crosswalk	S	EB	587	611	33	644
	Crosswalk	S	WB	568	674	96	770
	Crosswalk	W	NB	593	616	24	640
	Crosswalk	W	SB	534	578	68	646
Madison & 53rd	Corner	SW		242	248	258	506
	Corner	NW		276	283	470	753
	Crosswalk	N	EB	410	420	772	1192
	Crosswalk	N	WB	879	902	-292	610
	Crosswalk	S	EB	303	312	512	824
	Crosswalk	S	WB	424	439	-138	301
Ì							
Ĭ	Crosswalk	W	NB SB	630 354	650	-5	645 401
	Crosswalk	W	SB	354	363	38	401

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Corners and Crossy	1		Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Vanderbilt & 43rd	Corner	NW		13	13	0	13
	Crosswalk	N	EB	90	94	5	99
	Crosswalk	N	WB	550	553	263	816
	Crosswalk	W	NB	270	304	6	310
	Crosswalk	W	SB	81	84	1	85
Park Ave E & 41st	Corner	NE		217	228	0	228
	Corner	SE		162	166	0	166
	Crosswalk	N	EB	327	384	10	394
	Crosswalk	N	WB	504	606	105	711
	Crosswalk	E	NB	521	624	57	681
	Crosswalk	E	SB	1073	1159	163	1322
	Crosswalk	S	EB	302	343	24	367
	Crosswalk	S	WB	607	688	79	767
Park Ave W & 46th	Corner	SW		400	410	0	410
Tank / Wo W a Tolli	Corner	NW		197	207	56	263
	Crosswalk	N	EB	400	411	38	449
	Crosswalk	N	WB	247	260	23	283
	Crosswalk	S	EB	207	213	14	227
	Crosswalk	S	WB	195	205	15	220
	Crosswalk	w	NB	1486	1525	283	1808
	Crosswalk	W	SB	350	364	203	385
Park Ave W & 47th	_	SW	SB	356	365	89	454
Park Ave vv & 47th	Corner Crosswalk		ED.	488	502	33	
		S	EB				535
	Crosswalk	S	WB	343	359	36	395
	Crosswalk	W	NB	1468	1507	19	1526
D 1	Crosswalk	W	SB	525	544	78	622
Park Ave W & 48th	Corner	NW		75	77	34	111
	Crosswalk	N	EB	285	295	134	429
	Crosswalk	N	WB	507	523	27	550
	Crosswalk	W	NB	1031	1059	21	1080
D 1 4 E 0 (0)	Crosswalk	W	SB	830	854	57	911
Park Ave E & 48th	Corner	NE		1016	1089	20	1109
	Crosswalk	N	EB	334	345	134	479
	Crosswalk	N	WB	527	543	27	570
	Crosswalk	E	NB	814	840	12	852
	Crosswalk	Е	SB	654	763	15	778
Park Ave W & 49th	Corner	SW		45	46	0	46
	Corner	NW		160	164	54	218
	Crosswalk	N	EB	532	552	47	599
	Crosswalk	N	WB	282	321	22	343
	Crosswalk	S	NB	483	502	103	605
	Crosswalk	S	SB	159	171	11	182
	Crosswalk	W	NB	668	689	81	770
	Crosswalk	W	SB	1614	1666	67	1733
Park Ave E & 49th	Corner	NE		146	154	1	155
	Corner	SE		25	26	0	26
	Crosswalk	N	EB	562	583	47	630
	Crosswalk	N	WB	294	333	22	355
	Crosswalk	E	NB	853	895	4	899
	Crosswalk	E	SB	985	1048	34	1082
	Crosswalk	S	EB	370	386	101	487
	Crosswalk	S	WB	124	135	13	148

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Intersection	Time	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Park Ave W & 50th	Type	SW	Direction	119		45	
Park Ave W & Solli	Corner Corner	NW		245	130 259		175 259
	Crosswalk	N	EB	245 187	239	0 5	239 246
	Crosswalk	N N	WB	670	714	90	804
	Crosswalk	S	EB	146	146	90 37	183
	Crosswalk	S	WB	669			838
					736	102	
	Crosswalk	W	NB	1201	1245	11	1256
Lastantan O. 44at	Crosswalk	W	SB	980	1008	262	1270
Lexington & 41st	Corner	SE		123	126	1	127
	Corner	SW	ND	502	517	0	517
	Crosswalk	E	NB	722	794	61	855
	Crosswalk	E	SB	1320	1412	162	1574
	Crosswalk	S	EB	586	633	94	727
	Crosswalk	S	WB	285	339	8	347
	Crosswalk	W	NB	1148	1245	61	1306
	Crosswalk	W	SB	1257	1353	124	1477
Lexington & 42nd	Corner	NE		27	38	1	39
	Corner	SE		247	253	2	255
	Corner	SW		709	757	1	758
	Corner	NW		718	756	0	756
	Crosswalk	N	EB	1396	1738	593	2331
	Crosswalk	N	WB	307	410	45	455
	Crosswalk	E	NB	745	783	63	846
	Crosswalk	E	SB	939	1033	90	1123
	Crosswalk	S	EB	520	802	114	916
	Crosswalk	s	WB	1701	1840	18	1858
	Crosswalk	W	NB	581	664	83	747
	Crosswalk	W	SB	1001	1281	200	1481
Lexington & 43rd	Corner	NE		252	293	1	294
20/m.ig.to ca 10.ca	Corner	SE		188	193	87	280
	Crosswalk	N	EB	1131	1185	232	1417
	Crosswalk	N	WB	402	447	9	456
	Crosswalk	E	NB	938	1009	269	1278
	Crosswalk	E	SB	456	529	8	537
	Crosswalk	S	EB	517	546	376	922
	Crosswalk	S	WB	219	244	17	261
Lexington & 44th	Corner	NE NE	VVD	26	31	8	39
Lexington & 44th	Corner	SE		185	196	2	198
	Crosswalk	N N	EB	635	655	40	695
		N N	WB			2	
	Crosswalk	E		184	193		195
	Crosswalk		NB	1794	1859	257	2116
	Crosswalk	E	WB	391	452	7	459
	Crosswalk	S	EB	687	709	35	744
Lastantan O 45th	Crosswalk	S	WB	183	196	12	208
Lexington & 45th	Corner	NE		174	179	1	180
	Corner	SE		321	329	0	329
	Corner	SW		401	411	0	411
	Corner	NW		52	58	0	58
	Crosswalk	N	EB	326	337	11	348
	Crosswalk	N	WB	302	317	9	326
	Crosswalk	E	NB	1046	1084	267	1351
	Crosswalk	E	SB	327	384	4	388
	Crosswalk	S	EB	422	437	11	448
i	Crosswalk	S	WB	260	274	16	290
Ì	Crosswalk	W	NB	1232	1274	368	1642
	Crosswalk	W	SB	377	463	2	465

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Corners and Cross			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Lexington & 46th	Corner	NE		200	206	72	278
	Corner	SE		194	199	0	199
	Corner	SW		370	379	4	383
	Corner	NW		72	74	4	78
	Crosswalk	N	EB	399	410	139	549
	Crosswalk	N	WB	321	329	20	349
	Crosswalk	E	NB	1149	1191	274	1465
	Crosswalk	E	SB	458	521	10	531
	Crosswalk	S	EB	290	298	18	316
	Crosswalk	S	WB	328	336	19	355
	Crosswalk	W	NB	1049	1086	364	1450
	Crosswalk	W	SB	459	546	0	546
Lexington & 47th	Corner	NE		85	88	3	91
	Corner	SE		218	223	87	310
	Corner	SW		73	75	1	76
	Corner	NW		193	200	0	200
	Crosswalk	N	EB	230	237	5	242
	Crosswalk	N	WB	360	370	16	386
	Crosswalk	E	NB	469	494	98	592
	Crosswalk	E	SB	530	598	157	755
	Crosswalk	S	EB	226	233	240	473
	Crosswalk	S	WB	263	271	36	307
	Crosswalk	W	EB	942	977	195	1172
	Crosswalk	W	WB	640	735	24	759
Lexington & 48th	Corner	NE		62	65	0	65
	Corner	SE		133	136	0	136
	Corner	SW		153	157	0	157
	Corner	NW		126	128	453	581
	Crosswalk	N	EB	199	203	180	383
	Crosswalk	N	WB	220	226	244	470
	Crosswalk	E	NB	438	462	100	562
	Crosswalk	E	SB	598	670	158	828
	Crosswalk	S	EB	234	261	-12	249
	Crosswalk	S	WB	299	307	41	348
	Crosswalk	w	NB	395	450	235	685
	Crosswalk	W	SB	746	843	14	857
Lexington & 49th	Corner	NE NE	0.5	115	118	-9	109
	Corner	SE		36	37	0	37
	Corner	SW		18	18	58	76
	Corner	NW		117	123	0	123
	Crosswalk	N	EB	304	354	164	518
	Crosswalk	N	WB	248	247	23	270
	Crosswalk	E	NB	376	404	251	655
	Crosswalk	E	SB	565	648	422	1070
	Crosswalk	S	EB	140	160	40	200
	Crosswalk	S	WB	158	172	173	345
	Crosswalk	W	NB	341	357	173	480
	Crosswalk	W	SB	372	470	699	1169

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Corners and Cross			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Lexington & 50th	Corner	NE		61	63	0	63
	Corner	SE		110	172	267	439
	Corner	SW		52	53	0	
	Corner	NW		4	37	0	
	Crosswalk	N	EB	486	580	92	672
	Crosswalk	N	WB	732	777	-2	775
	Crosswalk	E	NB	722	886	-30	856
	Crosswalk	E	SB	896	1058	-115	943
	Crosswalk	S	EB	236	340	223	563
	Crosswalk	S	WB	199	248	531	779
	Crosswalk	W	NB	675	933	-16	917
	Crosswalk	W	SB	1053	1100	549	1649
Lexington & 51st	Corner	NE		319	362	236	598
	Corner	SE		707	826	-276	550
	Corner	SW		493	505	0	505
	Corner	NW		276	287	0	287
	Crosswalk	N	EB	537	557	188	745
	Crosswalk	N	WB	1155	1187	22	1209
	Crosswalk	E	NB	798	857	64	921
	Crosswalk	E	SB	708	742	68	810
	Crosswalk	S	EB	240	294	-38	256
	Crosswalk	S	WB	568	582	-277	305
	Crosswalk	W	NB	803	905	42	947
	Crosswalk	W	SB	747	777	42	819
Lexington & 52nd	Corner	NE		192	203	0	203
· ·	Corner	SE		367	376	141	517
	Corner	sw		98	100	4	104
	Corner	NW		200	208	0	208
	Crosswalk	N	EB	302	324	125	449
	Crosswalk	N	WB	1031	1063	12	1075
	Crosswalk	E	NB	461	514	221	735
	Crosswalk	Е	SB	994	1051	76	1127
	Crosswalk	S	EB	205	229	63	292
	Crosswalk	S	WB	563	586	9	595
	Crosswalk	W	NB	601	713	127	840
	Crosswalk	W	SB	732	790	47	837
Lexington & 53rd	Corner	SE		58	59	3	62
	Crosswalk	E	NB	712	769	70	839
	Crosswalk	E	SB	775	812	64	876
	Crosswalk	S	EB	242	308	38	346
	Crosswalk	S	WB	274	313	7	320
3rd & 42nd	Corner	NE NE	5	107	169	42	211
0.0 G IZIIG	Corner	SE		45	46	0	46
	Corner	SW		67	202	1	203
	Corner	NW		80	85	1	86
	Crosswalk	N	EB	246	566	736	1302
	Crosswalk	N	WB	176	218	61	279
	Crosswalk	E	NB	384	413	419	832
	Crosswalk	E	SB	364 276	338	419 27	365
	Crosswalk	S	EB	586	1824	408	2232
	Crosswalk	S	WB	285	455	37	492
	Crosswalk	W	NB	561	593	371	964
	Crosswalk	W	SB	132	211	12	223

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
3rd & 43rd	Corner	NE		31	34	1	35
	Corner	SE		241	247	8	255
	Corner	SW		66	68	0	68
	Corner	NW		500	557	0	557
	Crosswalk	N	EB	731	774	201	975
	Crosswalk	N	WB	225	252	13	265
	Crosswalk	E	NB	1620	1695	538	2233
	Crosswalk	E	SB	519	631	46	677
	Crosswalk	S	EB	1164	1213	299	1512
	Crosswalk	S	WB	456	500	19	519
	Crosswalk	W	NB	1379	1457	92	1549
	Crosswalk	W	SB	690	822	18	840
3rd & 44th	Corner	NE		204	251	4	255
	Corner	SE		893	926	0	926
	Crosswalk	N	EB	667	699	50	749
	Crosswalk	N	WB	264	287	23	310
	Crosswalk	E	NB	1631	1720	859	2579
	Crosswalk	E	SB	466	551	57	608
	Crosswalk	S	EB	770	823	40	863
	Crosswalk	S	WB	276	358	33	391
3rd & 45th	Corner	SE		767	793	18	811
014 4 10111	Corner	NE		287	294	0	294
	Crosswalk	N	EB	246	260	17	277
			WB	176			191
	Crosswalk	N			185	6	
	Crosswalk	E	NB	384	424	80	504
	Crosswalk	E	SB	276	327	70	397
	Crosswalk	S	EB	586	612	24	636
	Crosswalk	S	WB	285	301	15	316
3rd & 48th	Corner	NW		54	54	71	125
	Crosswalk	N	EB	253	262	-10	252
	Crosswalk	N	WB	168	171	73	244
	Crosswalk	W	NB	468	495	70	565
	Crosswalk	W	SB	559	612	35	647
3rd & 49th	Corner	SW		23	28	1	29
	Corner	NW		136	139	2	141
	Crosswalk	N	EB	160	175	-15	160
	Crosswalk	N	WB	172	174	66	240
	Crosswalk	S	EB	257	279	-10	269
	Crosswalk	S	WB	217	227	59	286
	Crosswalk	w	NB	481	515	141	656
	Crosswalk	W	SB	633	693	30	723
2rd 8 51ct			36				
3rd & 51st	Corner	NW	ED	679	692	319	1011
	Crosswalk	N	EB	274	287	1	288
	Crosswalk	N	WB	179	184	21	205
	Crosswalk	W	NB	626	667	108	775
	Crosswalk	W	SB	1074	1130	52	1182
3rd & 52nd	Corner	NE		105	108	0	108
	Corner	SW		334	346	0	346
	Corner	NW		126	129	273	402
	Crosswalk	N	EB	196	207	0	207
	Crosswalk	N	WB	267	275	21	296
	Crosswalk	E	NB	239	270	11	281
	Crosswalk	E	SB	1319	1380	52	1432
	Crosswalk	S	EB	141	152	1	153
	Crosswalk	S	WB	275	284	23	307
	Crosswalk	W	NB	295	322	465	787
	Crosswalk	W	SB	406	447	61	508
	Ciosswaik	VV	SD	400	447	וס	900

Greater East Midtown Pedestrian Analysis Locations Corners and Crosswalks - AM

	SSWAIKS - AIVI		Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
3rd & 53rd	Corner	SE		71	73	1	74
	Corner	SW		206	217	37	254
	Corner	NW		605	623	0	623
	Crosswalk	N	EB	272	289	1	290
	Crosswalk	N	WB	455	469	35	504
	Crosswalk	Е	NB	843	889	15	904
	Crosswalk	E	SB	622	665	71	736
	Crosswalk	S	EB	331	348	3	351
	Crosswalk	S	WB	389	402	68	470
	Crosswalk	W	NB	486	520	142	662
	Crosswalk	W	SB	601	646	149	795
3rd & 54th	Corner	SW		116	119	15	134
	Corner	NW		207	215	0	215
	Crosswalk	N	EB	88	103	0	103
	Crosswalk	N	WB	67	69	14	83
	Crosswalk	S	EB	279	293	-2	291
	Crosswalk	S	WB	353	364	15	379
	Crosswalk	W	NB	347	379	142	521
	Crosswalk	W	SB	81	118	78	196
3rd & 55th	Corner	SW		151	155	3	158
	Corner	NW		95	97	116	213
	Crosswalk	N	EB	147	162	-4	158
	Crosswalk	N	WB	207	210	42	252
	Crosswalk	S	EB	168	176	-1	175
	Crosswalk	S	WB	247	255	13	268
	Crosswalk	W	NB	105	126	169	295
	Crosswalk	W	SB	70	107	52	159
3rd & 56th	Corner	SW		116	120	106	226
	Crosswalk	S	EB	229	236	-1	235
	Crosswalk	S	WB	211	216	11	227
	Crosswalk	W	NB	410	435	-7	428
	Crosswalk	W	SB	492	515	160	675
2nd & 42nd	Corner	NE		75	91	0	91
	Corner	SW		14	62	0	62
	Corner	NW		141	145	105	250
	Crosswalk	N	EB	168	493	5	498
	Crosswalk	N	WB	82	115	25	140
	Crosswalk	E	NB	287	302	15	317
	Crosswalk	E	SB	127	172	1	173
	Crosswalk	S	EB	158	1400	1	1401
	Crosswalk	S	WB	253	337	16	353
	Crosswalk	W	NB	648	672	203	875
	Crosswalk	W	SB	299	334	18	352
2nd & 43rd	Corner	SE		126	129	0	129
	Corner	SW		114	123	186	309
	Corner	NW		266	273	0	273
	Crosswalk	N	EB	170	180	0	180
	Crosswalk	N	WB	239	247	15	262
	Crosswalk	E	NB	682	703	4	707
	Crosswalk	E	SB	322	362	12	374
	Crosswalk	S	EB	403	423	3	426
	Crosswalk	S	WB	241	251	23	274
İ	Crosswalk	W	NB	595	617	16	633
	Crosswalk	W	SB	458	507	33	540

Sidewalks - Middav	Si	de	wa	lks	-	М	id	dav	,
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	Cross	Cross			Existing	No Action	Project	With Action
Street	Street 1	Street 2	Side	Direction	Volume	Volume	Increment	Volume
39th St	5th	Madison	N	EB	467	483	80	563
39th St	5th	Madison	N	WB	565	583	83	666
40th	5th	Madison	S	EB	1188	1222	97	1319
40th	5th	Madison	S	WB	1249	1284	99	1383
Madison Ave	40th	41st	W	NB	1694	1778	56	1834
Madison Ave	40th	41st	W	SB	2097	2194	50	2244
40th	5th	Madison	N	EB	882	915	78	993
40th	5th	Madison	N	WB	952	987	94	1081
41st	5th	Madison	S	EB	711	729	64	793
41st	5th	Madison	S	WB	793	814	79	893
43rd	5th	Madison	N	EB	579	681	133	814
43rd	5th	Madison	N	WB	630	734	136	870
44th	5th	Madison	S	EB	798	878	137	1015
44th	5th	Madison	S	WB	704	785	142	927
Madison Ave	44th	45th	W	NB	976	1171	81	1252
Madison Ave	44th	45th	W	SB	1223	1422	79	1501
44th	5th	Madison	N	EB	474	587	49	636
44th	5th	Madison	N	WB	520	648	63	711
45th	5th	Madison	S	EB	985	1086	35	1121
45th	5th	Madison Madison	S	WB	1105	1214	56	1270
45th 45th	5th 5th	Madison	N N	EB WB	608 722	687 812	106 115	793 927
46th 46th	5th 5th	Madison Madison	S S	EB WB	1025 921	1069 962	112 118	1181 1080
53rd	5th	Madison	S	EB	613	628	28	656
53rd 53rd	5th	Madison	S	WB	463	475	38	513
53rd	5th	Madison	N N	EB	403	413	27	440
53rd	5th	Madison	N	WB	627	643	25	668
Vanderbilt Ave	43rd	44th	E	NB	555	638	27	665
Vanderbilt Ave	43rd	44th	E	SB	482	566	30	596
43rd	Madison	Vanderbilt	N	EB	533	646	44	690
43rd	Madison	Vanderbilt	N	WB	558	680	41	721
Vanderbilt Ave	44th	45th	E	NB	836	872	20	892
Vanderbilt Ave	44th	45th	E	SB	714	747	23	770
Park Ave	40th	41st	E	NB	583	632	22	654
Park Ave	40th	41st	Е	SB	588	636	20	656
Park Ave	40th	41st	W	NB	1224	1287	11	1298
Park Ave	40th	41st	W	SB	1226	1289	9	1298
Park Ave	46th	47th	W	NB	818	841	1	842
Park Ave	46th	47th	W	SB	842	865	1	866
Park Ave	49th	50th	W	NB	894	902	69	971
Park Ave	49th	50th	W	SB	1016	1027	62	1089
40th	Lexington	3rd	N	EB	457	471	60	531
40th	Lexington	3rd	N	WB	512	528	51	579
41st	Lexington	3rd	S	EB	797	884	53	937
41st	Lexington	3rd	S	WB	707	792	45	837
42nd	Lexington	3rd	N	EB	1021	1199	83	1282
42nd	Lexington	3rd	N	WB	1074	1304	69	1373
Lexington Ave	42nd	43rd	W	NB	1807	1934	90	2024
Lexington Ave	42nd	43rd	W	SB	1071	1161	91	1252
Lexington Ave	43rd	44th	E	NB	1594	1690	29	1719
Lexington Ave	43rd	44th	E	SB	1643	1737	26	1763
43rd	Lexington	3rd	N	EB	672	789	52	841
43rd	Lexington	3rd	N	WB	642	756	53	809
43rd	Lexington	3rd	S	EB	668	834	75	909
43rd	Lexington	3rd	S	WB	752	924	75	999
Lexington Ave	43rd	44th	W	NB	1431	1553	34	1587
Lexington Ave	43rd	44th	W	SB	1601	1716	34	1750
Lexington Ave	44th	45th	E	NB	1516	1592	36	1628
Lexington Ave	44th	45th	Е	SB	1250	1310	34	1344
44th	Lexington	3rd	N	EB	460	489	34	523
44th	Lexington	3rd	N	WB	555	605	31	636
44th	Lexington	3rd	S	EB	834	933	25	958
44th	Lexington	3rd	S	WB	797	896	26	922
Lexington Ave	44th	45th	W	NB	1284	1325	40	1365
Lexington Ave	44th	45th	W	SB	1308	1344	43	1387

Sidewalks - Midday

	Cross	Cross			Existing	No Action	Project	With Action
Street	Street 1	Street 2	Side	Direction	Volume	Volume	Increment	Volume
Lexington Ave Lexington Ave	45th 45th	46th 46th	E E	NB SB	1472 1319	1520 1354	56 56	1576 1410
Lexington Ave	45th	46th	W	NB	1030	1067	59	1126
Lexington Ave	45th	46th	W	SB	1167	1200	64	1264
Lexington Ave	46th	47th	E	NB	1078	1116	56	1172
Lexington Ave	46th	47th	E	SB	1141	1172	55	1227
46th	Lexington	3rd	N	EB	391	401	110	511
46th	Lexington	3rd	N	WB	361	370	108	478
Lexington Ave	46th	47th	W	NB	915	947	54	1001
Lexington Ave	46th	47th	W	SB	1122	1152	56	1208
Lexington Ave	47th	48th	E	NB	655	670	104	774
Lexington Ave	47th	48th	Е	SB	764	785	110	895
47th	Lexington	3rd	S	EB	316	324	101	425
47th	Lexington	3rd	S	WB	330	338	97	435
Lexington Ave	48th	49th	E E	NB SB	742	760 677	116	876
Lexington Ave	48th 48th	49th 49th	W	SB NB	656 169	677 134	120 118	797 252
Lexington Ave Lexington Ave	48th	49th	W	SB	93	102	125	252
48th	Park	Lexington	N	EB	344	348	196	544
48th	Park	Lexington	N	WB	330	330	218	548
Lexington Ave	49th	50th	E	NB	762	810	138	948
Lexington Ave	49th	50th	E	SB	731	765	124	889
49th	Lexington	3rd	N	EB	306	330	216	546
49th	Lexington	3rd	N	WB	273	269	185	454
49th	Park	Lexington	S	EB	335	350	103	453
49th	Park	Lexington	S	WB	255	267	111	378
Lexington Ave	49th	50th	W	NB	384	285	143	428
Lexington Ave	49th	50th	W	SB	331	193	129	322
Lexington Ave	50th	51st	E	NB	826	922	15	937
Lexington Ave	50th	51st	E	SB	877	985	-2	983
50th	Lexington	3rd	N	EB	410	449	36	485
50th 50th	Lexington Lexington	3rd 3rd	N S	WB EB	457 139	482 264	32 276	514 540
50th	Lexington	3rd	S	WB	116	241	198	439
Lexington Ave	50th	51st	W	NB	1066	1103	47	1150
Lexington Ave	50th	51st	W	SB	1158	1135	38	1173
Lexington Ave	51st	52nd	E	NB	1455	1504	66	1570
Lexington Ave	51st	52nd	E	SB	1184	1212	65	1277
51st	Lexington	3rd	N	EB	526	537	99	636
51st	Lexington	3rd	N	WB	407	408	98	506
Lexington Ave	51st	52nd	W	NB	942	965	55	1020
Lexington Ave	51st	52nd	W	SB	883	891	57	948
3rd Ave	42nd	43rd	E	NB	1304	1478	105	1583
3rd Ave	42nd	43rd	E	SB	1100	1256	106	1362
3rd Ave	43rd	44th	E E	NB	1257	1469	158	1627
3rd Ave 3rd Ave	43rd 44th	44th 45th	E	SB NB	1127 1157	1321 1213	159 50	1480 1263
3rd Ave	44th	45th	E	SB	1223	1213	40	1321
3rd Ave	51st	52nd	W	NB	1202	1234	100	1334
3rd Ave	51st	52nd	W	SB	1189	1225	106	1331
52nd	Lexington	3rd	S	EB	897	921	115	1036
52nd	Lexington	3rd	S	WB	929	954	112	1066
52nd	Lexington	3rd	N	EB	599	618	105	723
52nd	Lexington	3rd	N	WB	577	595	109	704
3rd Ave	52nd	53rd	E	NB	868	894	103	997
3rd Ave	52nd	53rd	E	SB	864	892	102	994
3rd Ave	52nd	53rd	W	NB	1117	1147	41	1188
3rd Ave	52nd	53rd	W	SB	1040	1072	40	1112
3rd Ave 3rd Ave	53rd 53rd	54th 54th	W	NB SB	1087 1060	1116 1093	79 94	1195 1187
3rd Ave	55th	54th	W	NB	574	592	21	613
3rd Ave	55th	56th	W	SB	708	731	20	751
42nd	3rd	2nd	N	EB	691	1022	248	1270
42nd	3rd	2nd	N	WB	759	1138	229	1367
2nd Ave	42nd	43rd	W	NB	762	996	1	997
2nd Ave	42nd	43rd	W	SB	413	623	0	623
43rd	3rd	2nd	S	EB	199	315	177	492
43rd	3rd	2nd	S	WB	358	487	180	667
42nd	6th	5th	N	EB	1480	1624	8	1632
42nd	6th	5th	N	WB	1603	1743	8	1751
Lexington Ave	59th	60th	W	NB	891	917	0	917 1482
Lexington Ave	59th	60th	W	SB	1442	1482	0	

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
5th & 42nd	Corner	NE		607	719	0	719
	Corner	SE		547	610	0	610
	Corner	SW		623	646	6	652
	Corner	NW		392	402	8	410
	Crosswalk	N	EB	578	785	6	791
	Crosswalk	N	WB	459	670	-2	668
	Crosswalk	E	NB	242	333	3	336
	Crosswalk	E	SB	566	660	6	666
	Crosswalk	S	EB	831	919	5	924
	Crosswalk	S	WB	739	853	4	857
	Crosswalk	W	NB	474	573	9	582
	Crosswalk	W	SB	303	380	11	391
5th & 43rd	Corner	NE		383	412	32	444
	Corner	SE		258	270	0	270
	Corner	sw		294	301	0	301
	Corner	NW		211	372	0	372
	Crosswalk	N	EB	363	503	45	548
	Crosswalk	N	WB	498	644	44	688
	Crosswalk	E	NB	1466	1596	47	1643
	Crosswalk	E	SB	1363	1488	52	1540
	Crosswalk	s	EB	339	406	12	418
	Crosswalk	S	WB	340	409	13	422
	Crosswalk	W	NB	1624	1826	28	1854
	Crosswalk	W	SB	1439	1628	30	1658
5th & 44th	Corner	NE	0.0	43	48	4	52
0111 4 4 4 111	Corner	SE		615	626	43	669
	Corner	SW		63	221	0	221
	Crosswalk	N	EB	453	509	41	550
	Crosswalk	N N	WB	486	558	35	593
	Crosswalk	E	NB	1392	1452	90	1542
	Crosswalk	E	SB	1468	1531	20	1551
	Crosswalk	S	EB	478	565	45	610
	Crosswalk	S W	WB NB	458	544 1875	43	587
	Crosswalk			1751		25	1900
C+F 0 4C+F	Crosswalk	W SE	SB	1347	1463	33	1496
5th & 45th	Corner		ND	231	247	15	262
	Crosswalk	E	NB	1376	1416	43	1459
	Crosswalk	E S	SB	1240	1278	39	1317
	Crosswalk		EB	591	626	15	641
Madiana 9 40th	Crosswalk	S	WB	660	694	19	713
Madison & 40th	Corner	SW		187	192	13	205
	Corner	NW		206	211	22	233
	Crosswalk	N	EB	690	718	73	791
	Crosswalk	N	WB	710	740	71	811
	Crosswalk	S	EB	836	871	77	948
	Crosswalk	S	WB	788	818	69	887
	Crosswalk	W	NB	1098	1176	122	1298
	Crosswalk	W	SB	1047	1125	119	1244
Madison & 41st	Corner	SW		370	379	12	391
	Corner	NW		634	650	0	650
	Crosswalk	N	EB	399	418	18	436
	Crosswalk	N	WB	554	577	17	594
	Crosswalk	S	EB	711	737	56	793
İ	Crosswalk	S	WB	793	822	52	874
	Crosswalk	W	NB	1381	1448	71	1519
	Crosswalk	W	SB	1052	1113	68	1181

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Madison & 42nd	Corner	NE		261	486	6	492
	Corner	sw		276	285	8	293
	Corner	NW		560	577	21	598
	Crosswalk	N	EB	867	1262	9	1271
	Crosswalk	N	WB	992	1396	8	1404
	Crosswalk	E	NB	788	1073	18	1091
	Crosswalk	E	SB	911	1236	20	1256
	Crosswalk	S	EB	643	722	10	732
	Crosswalk	s	WB	777	880	7	887
	Crosswalk	W	NB	1092	1155	24	1179
	Crosswalk	W	SB	1015	1078	27	1105
Madison & 43rd	Corner	NE	- 02	98	130	0	130
Waaloon a fora	Corner	SW		35	40	0	40
	Corner	NW		211	210	35	245
	Crosswalk	N	EB	528	634	94	728
	Crosswalk	N	WB	452	560	87	647
	Crosswalk	E	NB	621	814	50	864
	Crosswalk	E	SB	615	878	54	932
	Crosswalk	S	EB	508	604	38	642
		S	WB			37	
	Crosswalk			462	556		593
	Crosswalk	W	NB	792	839	132	971
Marillana 0, 44th	Crosswalk	W	SB	945	997	137	1134
Madison & 44th	Corner	SW		600	611	29	640
	Corner	NW		298	307	1	308
	Crosswalk	N	EB	220	403	51	454
	Crosswalk	N	WB	239	447	38	485
	Crosswalk	S	EB	745	805	102	907
	Crosswalk	S	WB	753	818	93	911
	Crosswalk	W	NB	678	803	131	934
	Crosswalk	W	SB	748	877	137	1014
Madison & 45th	Corner	NE		290	297	0	297
	Corner	SE		299	702	0	702
	Corner	SW		494	506	8	514
	Corner	NW		120	125	29	154
	Crosswalk	N	EB	409	484	75	559
	Crosswalk	N	WB	541	628	69	697
	Crosswalk	E	NB	699	957	56	1013
	Crosswalk	E	SB	669	925	54	979
	Crosswalk	S	EB	743	952	52	1004
	Crosswalk	S	WB	870	1093	35	1128
	Crosswalk	W	NB	600	676	124	800
	Crosswalk	W	SB	938	1020	120	1140
Madison & 46th	Corner	SW		281	290	32	322
	Crosswalk	S	EB	787	824	84	908
	Crosswalk	S	WB	628	661	77	738
	Crosswalk	W	NB	834	863	101	964
	Crosswalk	W	SB	881	911	92	1003
Madison & 53rd	Corner	SW		272	279	69	348
	Corner	NW		355	364	56	420
	Crosswalk	N	EB	571	585	22	607
	Crosswalk	N	WB	639	655	20	675
	Crosswalk	s	EB	494	506	54	560
	Crosswalk	s	WB	519	532	25	557
	Crosswalk	W	NB	765	784	11	795
	Crosswalk	W	SB	610	625	9	634

Corners and Crossv	1		Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Vanderbilt & 43rd	Corner	NW		13	13	0	13
	Crosswalk	N	EB	197	200	32	232
	Crosswalk	N	WB	187	191	20	211
	Crosswalk	W	NB	202	209	18	227
	Crosswalk	W	SB	226	235	19	254
Park Ave E & 41st	Corner	NE		270	279	0	279
	Corner	SE		164	168	0	168
	Crosswalk	N	EB	576	646	12	658
	Crosswalk	N	WB	585	658	12	670
	Crosswalk	E	NB	570	648	30	678
	Crosswalk	E	SB	510	586	30	616
	Crosswalk	S	EB	486	537	9	546
	Crosswalk	S	WB	428	480	16	496
Park Ave W & 46th	Corner	SW		190	195	0	195
	Corner	NW		262	273	140	413
	Crosswalk	N	EB	421	435	82	517
	Crosswalk	N	WB	455	469	70	539
	Crosswalk	S	EB	385	397	6	403
	Crosswalk	S	WB	473	487	4	491
	Crosswalk	w	NB	714	734	86	820
	Crosswalk	W	SB	656	674	92	766
Park Ave W & 47th	Corner	SW	SD	200	205	153	358
Falk Ave vv & 47 III			EB	491	505 505	84	
	Crosswalk	S					589
	Crosswalk	S	WB	557	573	70	643
	Crosswalk	W	NB	944	970	88	1058
D 1 11/0 10/1	Crosswalk	W	SB	830	853	84	937
Park Ave W & 48th	Corner	NW		148	152	0	152
	Crosswalk	N	EB	332	316	64	380
	Crosswalk	N	WB	355	364	71	435
	Crosswalk	W	NB	1099	1115	46	1161
	Crosswalk	W	SB	1231	1262	50	1312
Park Ave E & 48th	Corner	NE		342	342	49	391
	Crosswalk	N	EB	358	343	64	407
	Crosswalk	N	WB	354	363	71	434
	Crosswalk	E	NB	894	904	70	974
	Crosswalk	Е	SB	864	906	78	984
Park Ave W & 49th	Corner	SW		54	55	0	55
	Corner	NW		171	175	91	266
	Crosswalk	N	EB	363	306	78	384
	Crosswalk	N	WB	400	410	76	486
	Crosswalk	S	NB	300	309	76	385
	Crosswalk	S	SB	251	258	79	337
	Crosswalk	W	NB	811	802	94	896
	Crosswalk	W	SB	826	848	96	944
Park Ave E & 49th	Corner	NE		170	174	0	174
	Corner	SE		164	168	49	217
	Crosswalk	N	EB	366	309	78	387
	Crosswalk	N	WB	403	413	76	489
	Crosswalk	E	NB	923	871	98	969
	Crosswalk	E	SB	977	1002	93	1095
	Crosswalk	S	EB	293	301	76	377
	Crosswalk	S	WB	231	238	76 79	317

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Park Ave W & 50th	Corner	SW		175	181	122	303
	Corner	NW		331	341	0	341
	Crosswalk	N	EB	348	379	27	406
	Crosswalk	N	WB	396	427	27	454
	Crosswalk	S	EB	390	324	62	386
	Crosswalk	S	WB	365	372	61	433
	Crosswalk	W	NB	955	978	93	1071
	Crosswalk	W	SB	894	886	92	978
Lexington & 41st	Corner	SE		212	217	10	227
Ü	Corner	SW		793	813	0	813
	Crosswalk	E	NB	1130	1214	59	1273
	Crosswalk	E	SB	1119	1201	53	1254
	Crosswalk	S	EB	587	638	29	667
	Crosswalk	S	WB	544	594	39	633
	Crosswalk	W	NB	775	857	45	902
	Crosswalk	W	SB	883	964	31	995
Lexington & 42nd	Corner	NE NE	OB	19	27	0	27
Loxington a 42na	Corner	SE		286	293	3	296
	Corner	SW		704	756	4	760
	Corner	NW		678	758	0	758
	Crosswalk	N	EB	984	1153	62	1215
	Crosswalk	N	WB	690	845	47	892
	Crosswalk	E	NB	890	933	21	954
	Crosswalk	E	SB	922	981	20	1001
		S			906	20 15	
	Crosswalk	S	EB	784			921
	Crosswalk		WB	809	922	15	937
	Crosswalk	W	NB	632	698	43	741
Laudantan 0.40ml	Crosswalk	W	SB	595	673	30	703
Lexington & 43rd	Corner	NE		607	741	0	741
	Corner	SE		119	122	22	144
	Crosswalk	N	EB	866	961	15	976
	Crosswalk	N	WB	870	961	15	976
	Crosswalk	E	NB	913	1004	54	1058
	Crosswalk	E	SB	802	868	32	900
	Crosswalk	S	EB	549	654	40	694
	Crosswalk	S	WB	503	607	40	647
Lexington & 44th	Corner	NE		186	191	0	191
	Corner	SE		416	426	2	428
	Crosswalk	N	EB	360	393	10	403
	Crosswalk	N	WB	347	381	6	387
	Crosswalk	E	NB	1111	1204	36	1240
	Crosswalk	E	WB	1034	1113	35	1148
	Crosswalk	S	EB	172	227	1	228
	Crosswalk	S	WB	243	302	1	303
Lexington & 45th	Corner	NE		664	681	0	681
	Corner	SE		343	352	0	352
	Corner	SW		360	369	0	369
	Corner	NW		224	234	0	234
	Crosswalk	N	EB	756	777	5	782
	Crosswalk	N	WB	759	780	5	785
	Crosswalk	E	NB	875	908	35	943
	Crosswalk	E	SB	957	983	33	1016
	Crosswalk	S	EB	592	609	14	623
ı	Crosswalk	S	WB	798	820	10	830
Ì	Crosswalk	W	NB	747	776	39	815
	Crosswalk	W	SB	561	579	43	622

Intersection	Type	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Lexington & 46th	Corner	NE		263	270	39	309
•	Corner	SE		326	334	0	334
	Corner	SW		385	395	1	396
	Corner	NW		75	77	2	79
	Crosswalk	N	EB	513	526	80	606
	Crosswalk	N	WB	529	542	70	612
	Crosswalk	E	NB	1041	1078	102	1180
	Crosswalk	Е	SB	1020	1048	103	1151
	Crosswalk	S	EB	515	528	28	556
	Crosswalk	S	WB	562	576	26	602
	Crosswalk	W	NB	903	935	99	1034
	Crosswalk	W	SB	1006	1033	109	1142
Lexington & 47th	Corner	NE		174	178	0	178
	Corner	SE		321	329	34	363
	Corner	SW		245	251	0	251
	Corner	NW		176	180	0	180
	Crosswalk	N	EB	608	623	23	646
	Crosswalk	N	WB	561	575	25	600
	Crosswalk	E	NB	762	792	104	896
	Crosswalk	E	SB	808	830	100	930
	Crosswalk	S	EB	331	339	82	421
	Crosswalk	S	WB	417	427	71	498
	Crosswalk	W	EB	979	1013	51	1064
Lauda et a e 0 40th	Crosswalk	W	WB	1025	1053	52	1105
Lexington & 48th	Corner	NE		60	62	0	62
	Corner	SE		210	215	0	215
	Corner	SW		172	176	0	176
	Corner	NW		166	164	96	260
	Crosswalk	N	EB	233	239	148	387
	Crosswalk	N	WB	247	226	124	350
	Crosswalk	E	NB	527	539	83	622
	Crosswalk	Е	SB	590	607	87	694
	Crosswalk	S	EB	274	286	58	344
	Crosswalk	S	WB	306	310	50	360
	Crosswalk	W	NB	552	548	172	720
	Crosswalk	W	SB	465	479	195	674
Lexington & 49th	Corner	NE		135	147	33	180
	Corner	SE		59	60	0	60
	Corner	SW		16	16	49	65
	Corner	NW		56	58	0	58
	Crosswalk	N	EB	203	219	69	288
	Crosswalk	N	WB	233	175	230	405
	Crosswalk	E	NB	490	492	194	686
	Crosswalk	E	SB	474	496	199	695
	Crosswalk	S	EB	222	230	185	415
	Crosswalk	S	WB	188	196	170	366
	Crosswalk	W	NB	380	335	249	584
	Crosswalk	W	SB	387	403	233	636

Corners and Gross	T ,		Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Lexington & 50th	Corner	NE		73	75	0	75
	Corner	SE		112	211	134	345
	Corner	SW		42	43	0	43
	Corner	NW		27	58	0	58
	Crosswalk	N	EB	475	524	8	532
	Crosswalk	N	WB	538	578	13	591
	Crosswalk	E	NB	791	928	82	1010
	Crosswalk	E	SB	817	963	52	1015
	Crosswalk	S	EB	166	240	157	397
	Crosswalk	S	WB	151	128	180	308
	Crosswalk	W	NB	590	616	77	693
	Crosswalk	W	SB	709	656	64	720
Lexington & 51st	Corner	NE		426	463	58	521
•	Corner	SE		461	564	-43	521
	Corner	SW		351	354	0	354
	Corner	NW		214	219	0	219
	Crosswalk	N	EB	540	553	65	618
	Crosswalk	N	WB	658	667	63	730
	Crosswalk	E	NB	618	629	67	696
	Crosswalk	E	SB	680	680	67	747
	Crosswalk	s	EB	441	459	-45	414
	Crosswalk	S	WB	603	595	-55	540
	Crosswalk	W	NB	1255	1276	31	1307
	Crosswalk	W	SB	1208	1199	31	1230
Lexington & 52nd	Corner	NE		464	476	40	516
	Corner	SE		834	855	34	889
	Corner	SW		150	154	-1	153
	Corner	NW		345	362	0	362
	Crosswalk	N	EB	690	714	21	735
	Crosswalk	N	WB	770	797	21	818
	Crosswalk	E	NB	597	618	107	725
	Crosswalk	E	SB	682	704	104	808
	Crosswalk	S	EB	572	594	77	671
	Crosswalk	S	WB	701	728	68	796
	Crosswalk	W	NB	886	918	52	970
	Crosswalk	W	SB	808	836	50	886
Lexington & 53rd	Corner	SE	OB	105	108	92	200
Lexington & 3314	Crosswalk	E	NB	887	911	17	928
	Crosswalk	E	SB	1352	1389	15	1404
	Crosswalk	S	EB	400	449	24	473
	Crosswalk	S	WB	428	483	25	508
2rd 9 42nd	_	NE	VVD	262	488		
3rd & 42nd	Corner	SE				69 77	557 533
	Corner	SE		248	456 166	77	533
	Corner			98 46	166	4	170
	Corner	NW	F5	46	47	0	47
	Crosswalk	N	EB	365	565	173	738
	Crosswalk	N	WB	377	595	161	756
	Crosswalk	E	NB	233	253	107	360
	Crosswalk	E	SB	518	542	109	651
	Crosswalk	S	EB	652	879	80	959
	Crosswalk	S	WB	641	882	81	963
	Crosswalk	W	NB	643	673	87	760
	Crosswalk	W	SB	288	314	88	402

Corners and Cros			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
3rd & 43rd	Corner	NE		28	135	0	135
	Corner	SE		170	174	34	208
	Corner	SW		360	401	0	401
	Corner	NW		761	887	0	887
	Crosswalk	N	EB	536	689	52	741
	Crosswalk	N	WB	480	642	53	695
	Crosswalk	E	NB	969	1144	82	1226
	Crosswalk	E	SB	888	1047	160	1207
	Crosswalk	S	EB	568	705	136	841
	Crosswalk	S	WB	609	755	139	894
	Crosswalk	W	NB	1383	1545	73	1618
	Crosswalk	W	SB	1359	1509	71	1580
3rd & 44th	Corner	NE		300	336	149	485
	Corner	SE		514	547	0	547
	Crosswalk	N	EB	467	507	88	595
	Crosswalk	N	WB	491	531	89	620
	Crosswalk	E	NB	695	776	182	958
	Crosswalk	Ē	SB	683	758	190	948
	Crosswalk	S	EB	585	663	29	692
	Crosswalk	S	WB	539	618	28	646
3rd & 45th	Corner	SE	WB	761	785	178	963
510 Q 45111	Corner	NE		518	531	0	531
	Crosswalk	N	EB	365	375	27	402
	Crosswalk	N	WB	377	387	28	415
	Crosswalk	E	NB	233	249	120	369
	Crosswalk	E	SB	518	539	119	658
		S		652	672	85	757
	Crosswalk	S	EB WB				
3rd & 48th	Crosswalk Corner	NW	VVD	641 37	660 38	86 0	746 38
310 & 40th			ED			6	
	Crosswalk	N	EB	231	237		243
	Crosswalk	N	WB	266	273	3	276
	Crosswalk	W	NB	640	662	31	693
0 10 404	Crosswalk	W	SB	599	617	32	649
3rd & 49th	Corner	SW		24	25	0	25
	Corner	NW		133	153	29	182
	Crosswalk	N	EB	259	276	58	334
	Crosswalk	N	WB	223	244	43	287
	Crosswalk	S	EB	300	311	24	335
	Crosswalk	S	WB	317	329	18	347
	Crosswalk	W	NB	679	712	71	783
	Crosswalk	W	SB	522	547	80	627
3rd & 51st	Corner	NW		404	412	58	470
	Crosswalk	N	EB	301	309	25	334
	Crosswalk	N	WB	233	239	25	264
	Crosswalk	W	NB	915	942	54	996
	Crosswalk	W	SB	868	896	31	927
3rd & 52nd	Corner	NE		28	29	0	29
	Corner	SW		853	874	18	892
	Corner	NW		202	207	245	452
	Crosswalk	N	EB	314	322	120	442
	Crosswalk	N	WB	303	311	111	422
	Crosswalk	E	NB	497	513	65	578
	Crosswalk	E	SB	687	710	68	778
	Crosswalk	S	EB	349	358	56	414
	Crosswalk	S	WB	441	452	55	507
					642		
	Crosswalk	W	NB	624	042	181	823

			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
3rd & 53rd	Corner	SE		80	82	0	82
	Corner	SW		412	422	207	629
	Corner	NW		416	426	0	426
	Crosswalk	N	EB	434	446	51	497
	Crosswalk	N	WB	468	481	41	522
	Crosswalk	E	NB	944	972	60	1032
	Crosswalk	Е	SB	765	790	73	863
	Crosswalk	S	EB	509	523	139	662
	Crosswalk	S	WB	444	456	114	570
	Crosswalk	W	NB	829	852	156	1008
	Crosswalk	W	SB	885	913	158	1071
3rd & 54th	Corner	SW		131	134	7	141
	Corner	NW		378	387	0	387
	Crosswalk	N	EB	202	201	2	203
	Crosswalk	N	WB	147	143	2	145
	Crosswalk	S	EB	375	384	2	386
	Crosswalk	S	WB	436	447	2	449
	Crosswalk	W	NB	527	542	38	580
	Crosswalk	W	SB	220	232	57	289
3rd & 55th	Corner	SW		369	378	0	378
	Corner	NW		56	57	98	155
	Crosswalk	N	EB	333	338	70	408
	Crosswalk	N	WB	442	448	46	494
	Crosswalk	S	EB	283	290	17	307
	Crosswalk	S	WB	347	356	15	371
	Crosswalk	W	NB	242	252	76	328
	Crosswalk	W	SB	180	191	99	290
3rd & 56th	Corner	SW		275	286	113	399
	Crosswalk	S	EB	287	295	57	352
	Crosswalk	S	WB	234	241	42	283
	Crosswalk	W	NB	802	828	82	910
	Crosswalk	W	SB	702	726	63	789
2nd & 42nd	Corner	NE		104	419	0	419
	Corner	SW		25	48	0	48
	Corner	NW		239	245	21	266
	Crosswalk	N	EB	119	642	123	765
	Crosswalk	N	WB	117	715	127	842
	Crosswalk	E	NB	143	148	44	192
	Crosswalk	E	SB	191	197	43	240
	Crosswalk	S	EB	143	579	43	622
	Crosswalk	S	WB	196	673	44	717
	Crosswalk	W	NB	478	491	185	676
0 10 10 1	Crosswalk	W	SB	386	397	153	550
2nd & 43rd	Corner	SE		145	149	0	149
	Corner	SW		140	306	357	663
	Corner	NW		247	257	0	257
	Crosswalk	N	EB	265	324	41	365
	Crosswalk	N	WB	171	231	40	271
	Crosswalk	E	NB	508	631	43	674
	Crosswalk	E	SB	508	623	42	665
	Crosswalk	S	EB	254	311	123	434
	Crosswalk	S	WB	306	369	120	489
	Crosswalk	W	NB	625	806	128	934
	Crosswalk	W	SB	666	836	123	959

Greater East Midtown Pedestrian Analysis Locations Sidewalks - PM

044	Cross	Cross	0.1	D'	Existing	No Action	Project	With Action
Street	Street 1	Street 2	Side	Direction	Volume	Volume	Increment	Volume
39th St 39th St	5th 5th	Madison Madison	N N	EB WB	478	498 616	8 116	506 732
40th	5th	Madison	S	EB	589 690	722	19	732
40th	5th	Madison	S	WB	966	1022	141	1163
Madison Ave	40th	41st	w	NB	1086	1137	118	1255
Madison Ave	40th	41st	W	SB	1368	1444	94	1538
40th	5th	Madison	N	EB	644	668	18	686
40th	5th	Madison	N	WB	1087	1134	130	1264
41st	5th	Madison	S	EB	466	483	26	509
41st	5th	Madison	S	WB	774	802	91	893
43rd	5th	Madison	N	EB	1312	1511	17	1528
43rd	5th	Madison	N	WB	758	967	333	1300
44th	5th	Madison	S	EB	636	734	4	738
44th Madison Ave	5th 44th	Madison	S W	WB NB	635 726	692 765	210	902 926
Madison Ave	44th	45th 45th	W	SB	1355	1419	161 115	1534
44th	5th	Madison	N	EB	718	947	-48	899
44th	5th	Madison	N	WB	633	950	217	1167
45th	5th	Madison	S	EB	858	1022	-95	927
45th	5th	Madison	s	WB	765	883	225	1108
45th	5th	Madison	N	EB	702	783	22	805
45th	5th	Madison	N	WB	1004	1056	159	1215
46th	5th	Madison	S	EB	597	620	35	655
46th	5th	Madison	S	WB	734	766	169	935
53rd	5th	Madison	S	EB	493	504	244	748
53rd	5th	Madison	S	WB	627	643	29	672
53rd	5th	Madison	N	EB	326	333	289	622
53rd	5th	Madison	N	WB	459	471	31	502
Vanderbilt Ave	43rd	44th	E	NB	402	420	25	445
Vanderbilt Ave	43rd	44th	E	SB	748	797	334	1131
43rd 43rd	Madison Madison	Vanderbilt Vanderbilt	N N	EB WB	1072 466	1116 679	414 24	1530 703
Vanderbilt Ave	44th	45th	E	NB	596	619	21	640
Vanderbilt Ave	44th	45th	E	SB	1833	1882	236	2118
Park Ave	40th	41st	E	NB	1286	1365	29	1394
Park Ave	40th	41st	Ē	SB	782	871	56	927
Park Ave	40th	41st	W	NB	1825	1931	33	1964
Park Ave	40th	41st	W	SB	1075	1182	13	1195
Park Ave	46th	47th	W	NB	353	370	7	377
Park Ave	46th	47th	W	SB	1140	1173	5	1178
Park Ave	49th	50th	W	NB	853	875	83	958
Park Ave	49th	50th	W	SB	958	993	23	1016
40th	Lexington	3rd	N	EB	291	302	59	361
40th	Lexington	3rd	N	WB	520	541	8	549
41st	Lexington	3rd	S	EB	342	353	25	378
41st 42nd	Lexington Lexington	3rd 3rd	S N	WB EB	459 808	471 979	-2 48	469 1027
42nd	Lexington	3rd	N N	WB	1673	2253	511	2764
Lexington Ave	42nd	43rd	W	NB	2474	2662	68	2730
Lexington Ave	42nd	43rd	W	SB	994	1068	1075	2143
Lexington Ave	43rd	44th	E	NB	916	983	31	1014
Lexington Ave	43rd	44th	E	SB	1926	1986	192	2178
43rd	Lexington	3rd	N	EB	381	456	22	478
43rd	Lexington	3rd	N	WB	690	763	238	1001
43rd	Lexington	3rd	S	EB	327	430	36	466
43rd	Lexington	3rd	S	WB	982	1055	352	1407
Lexington Ave	43rd	44th	W	NB	1616	1709	37	1746
Lexington Ave	43rd	44th	W	SB	4224	4343	323	4666
Lexington Ave	44th	45th	E	NB	938	1012	30	1042
Lexington Ave	44th	45th	Е	SB	1226	1270	329	1599
44th	Lexington	3rd	N	EB	239	261	21	282
44th	Lexington	3rd	N	WB	681	708	47	755
44th	Lexington	3rd	S	EB	462	488	19	507
44th Lexington Ave	Lexington 44th	3rd 45th	S W	WB NB	1663 936	1722 1009	44 20	1766 1029
		145ID	• VV	. NH	• 43h	1009		11179

Greater East Midtown Pedestrian Analysis Locations Sidewalks - PM

Sidewalks - PM	0	0	1	1	Foriation or	Na Aatian	Dun in at	Midle Andine
Street	Cross Street 1	Cross Street 2	Side	Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Lexington Ave	45th	46th	E	NB	700	765	34	799
Lexington Ave	45th	46th	Ē	SB	1492	1536	331	1867
Lexington Ave	45th	46th	W	NB	610	685	23	708
Lexington Ave	45th	46th	W	SB	1578	1628	453	2081
Lexington Ave	46th	47th	E	NB	772	838	114	952
Lexington Ave	46th	47th	E	SB	1195	1232	225	1457
46th	Lexington	3rd	N	EB	288	295	122	417
46th	Lexington	3rd	N	WB	511	524	24	548
Lexington Ave	46th	47th	W W	NB	279	339	18	357
Lexington Ave Lexington Ave	46th 47th	47th 48th	E VV	SB NB	619 655	643 721	342 213	985 934
Lexington Ave	47th	48th	E	SB	764	792	147	939
47th	Lexington	3rd	S	EB	303	311	74	385
47th	Lexington	3rd	S	WB	303	311	151	462
Lexington Ave	48th	49th	E	NB	1031	1108	333	1441
Lexington Ave	48th	49th	E	SB	814	853	263	1116
Lexington Ave	48th	49th	W	NB	199	268	440	708
Lexington Ave	48th	49th	W	SB	124	148	304	452
48th	Park	Lexington	N	EB	313	331	47	378
48th	Park 49th	Lexington	N E	WB NB	484 1195	541 1288	882 705	1423 1993
Lexington Ave Lexington Ave	49th 49th	50th 50th	E	SB	897	948	705 94	1042
49th	Lexington	3rd	N	EB	300	306	146	452
49th	Lexington	3rd	N	WB	284	293	-5	288
49th	Park	Lexington	S	EB	356	376	21	397
49th	Park	Lexington	S	WB	177	186	53	239
Lexington Ave	49th	50th	W	NB	283	333	966	1299
Lexington Ave	49th	50th	W	SB	290	321	75	396
Lexington Ave	50th	51st	E	NB	1375	1487	-229	1258
Lexington Ave	50th	51st 3rd	E N	SB EB	967	1167	-60 8	1107
50th 50th	Lexington Lexington	3rd	N N	WB	393 523	402 537	1	410 538
50th	Lexington	3rd	S	EB	174	210	162	372
50th	Lexington	3rd	S	WB	275	415	197	612
Lexington Ave	50th	51st	W	NB	854	899	8	907
Lexington Ave	50th	51st	W	SB	1207	1312	32	1344
Lexington Ave	51st	52nd	E	NB	1509	1605	101	1706
Lexington Ave	51st	52nd	E	SB	1008	1088	251	1339
51st	Lexington	3rd	N N	EB WB	478	492 474	57 387	549 861
51st Lexington Ave	Lexington 51st	3rd 52nd	W	NB	465 748	817	67	884
Lexington Ave	51st	52nd 52nd	W	SB	961	1049	328	1377
3rd Ave	42nd	43rd	E	NB	981	1101	81	1182
3rd Ave	42nd	43rd	E	SB	867	965	513	1478
3rd Ave	43rd	44th	E	NB	1013	1175	113	1288
3rd Ave	43rd	44th	E	SB	1067	1187	916	2103
3rd Ave	44th	45th	E	NB	895	985	48	1033
3rd Ave	44th	45th	E W	SB	1241	1334	131	1465
3rd Ave	51st	52nd	W	NB SB	1090	1157	93 495	1250
3rd Ave 52nd	51st Lexington	52nd 3rd	S	EB	1013 305	1095 317	495	1590 363
52nd 52nd	Lexington	3rd	S	WB	377	395	62	457
52nd	Lexington	3rd	N	EB	350	364	26	390
52nd	Lexington	3rd	N	WB	368	389	318	707
3rd Ave	52nd	53rd	E	NB	2091	2173	70	2243
3rd Ave	52nd	53rd	E	SB	767	825	20	845
3rd Ave	52nd	53rd	W	NB	1273	1343	69	1412
3rd Ave 3rd Ave	52nd	53rd	W	SB NB	729 897	805	158	963
3rd Ave 3rd Ave	53rd 53rd	54th 54th	W	NB SB	897 825	954 882	152 179	1106 1061
3rd Ave	55th	56th	W	NB	574	609	81	690
3rd Ave	55th	56th	W	SB	708	756	18	774
42nd	3rd	2nd	N	EB	480	566	144	710
42nd	3rd	2nd	N	WB	994	1471	967	2438
2nd Ave	42nd	43rd	W	NB	762	831	8	839
2nd Ave	42nd	43rd	W	SB	413	443	10	453
43rd	3rd	2nd	S	EB	161	176	34	210
43rd	3rd	2nd	S	WB	688	724	211	935
42nd 42nd	6th 6th	5th 5th	N N	EB WB	1229 2066	1386 2649	11 253	1397 2902
Lexington Ave	59th	60th	W	NB	1024	1061	253 4	1065
Lexington Ave	59th	60th	W	SB	746	768	-1	767
						. 55	· · · · · · · · · · · · · · · · · · ·	

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
5th & 42nd	Corner	NE	Direction	564	586	3	589
our a 42na	Corner	SE		646	823	4	827
	Corner	SW		1112	1152	46	1198
	Corner	NW		904	926	56	982
	Crosswalk	N	EB	732	945	13	958
	Crosswalk	N	WB	732 722	1429	524	1953
	Crosswalk	E	NB	146	263	28	291
		E	SB	562		100	
	Crosswalk	S	EB		713	13	813
	Crosswalk	S		920	985		998
	Crosswalk	W	WB NB	1782 534	2254 651	167 38	2421 689
	Crosswalk	W	SB	492	696		
Fil. 0. 40 ml	Crosswalk		28			184	880
5th & 43rd	Corner	NE		246	299	13	312
	Corner	SE		446	457	0	457
	Corner	SW		60	62	0	62
	Corner	NW		187	233	-1	232
	Crosswalk	N	EB	857	1023	8	1031
	Crosswalk	N	WB	803	1021	178	1199
	Crosswalk	E	NB	1156	1251	15	1266
	Crosswalk	E	SB	2048	2193	303	2496
	Crosswalk	S	EB	514	582	1	583
	Crosswalk	S	WB	533	659	61	720
	Crosswalk	W	NB	1580	1759	16	1775
	Crosswalk	W	SB	2752	3007	235	3242
5th & 44th	Corner	NE		14	38	0	38
	Corner	SE		739	769	18	787
	Corner	SW		169	227	0	227
	Crosswalk	N	EB	543	695	-24	671
	Crosswalk	N	WB	822	1059	172	1231
	Crosswalk	E	NB	1387	1503	36	1539
	Crosswalk	E	SB	2028	2226	150	2376
	Crosswalk	S	EB	488	579	0	579
	Crosswalk	S	WB	514	614	188	802
	Crosswalk	W	NB	1264	1369	42	1411
	Crosswalk	W	SB	1750	1944	110	2054
5th & 45th	Corner	SE		240	288	19	307
	Crosswalk	E	NB	920	981	99	1080
	Crosswalk	E	SB	1812	1879	12	1891
	Crosswalk	S	EB	694	837	-34	803
	Crosswalk	S	WB	642	717	163	880
Madison & 40th	Corner	SW		134	147	0	147
	Corner	NW		196	201	13	214
	Crosswalk	N	EB	451	470	131	601
	Crosswalk	N	WB	826	868	51	919
	Crosswalk	S	EB	670	698	56	754
	Crosswalk	S	WB	708	746	25	771
	Crosswalk	W	NB	708	743	146	889
	Crosswalk	W	SB	872	933	125	1058
Madison & 41st	Corner	SW	0.5	157	161	0	161
	Corner	NW		507	527	0	527
	Crosswalk	N	EB	539	570	31	601
	Crosswalk	N	WB	643	681	10	691
	Crosswalk	S	EB W/B	466 774	488	110	598
	Crosswalk	S	WB	774	808	39	847
	Crosswalk	W	NB	863	1012	202	1214
	Crosswalk	W	SB	1334	1409	127	1536

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Madison & 42nd	Corner	NE	Direction	412	910	9	919
iviadison & 42nd		SW			341	9 47	388
	Corner Corner	NW		321 852	876	149	1025
	Crosswalk	N	EB	1535	1920	105	2025
			WB			100	2025
	Crosswalk	N		1287	2180		
	Crosswalk	E	NB	828	1011	91	1102
	Crosswalk	E	SB	794	1180	69	1249
	Crosswalk	S	EB	1028	1169	15	1184
	Crosswalk	S	WB	1248	1579	46	1625
	Crosswalk	W	NB	817	920	109	1029
NA 11 0 40 1	Crosswalk	W	SB	789	907	122	1029
Madison & 43rd	Corner	NE		289	406	0	406
	Corner	SW		35	72	0	72
	Corner	NW		187	192	0	192
	Crosswalk	N	EB	1336	1478	442	1920
	Crosswalk	N	WB	419	576	19	595
	Crosswalk	E	NB	585	834	0	834
	Crosswalk	E	SB	665	973	76	1049
	Crosswalk	S	EB	902	1000	31	1031
	Crosswalk	S	WB	497	677	-2	675
	Crosswalk	W	NB	593	681	17	698
	Crosswalk	W	SB	1488	1559	309	1868
Madison & 44th	Corner	SW		292	299	41	340
	Corner	NW		302	341	86	427
	Crosswalk	N	EB	400	615	93	708
	Crosswalk	N	WB	281	591	-28	563
	Crosswalk	S	EB	1009	1090	213	1303
	Crosswalk	S	WB	889	946	-13	933
	Crosswalk	W	NB	575	603	28	631
	Crosswalk	W	SB	1170	1230	105	1335
Madison & 45th	Corner	NE		349	358	6	364
	Corner	SE		285	1250	0	1250
	Corner	SW		244	250	25	275
	Corner	NW		118	139	3	142
	Crosswalk	N	EB	426	502	113	615
	Crosswalk	N	WB	611	655	-13	642
	Crosswalk	E	NB	877	1140	52	1192
	Crosswalk	E	SB	1032	1322	169	1491
	Crosswalk	S	EB	999	1173	596	1769
	Crosswalk	S	WB	895	1091	-27	1064
	Crosswalk	W	NB	450	504	44	548
	Crosswalk	W	SB	1321	1379	182	1561
Madison & 46th	Corner	SW		133	141	80	221
	Crosswalk	S	EB	524	615	121	736
	Crosswalk	S	WB	575	607	50	657
	Crosswalk	W	NB	493	543	77	620
	Crosswalk	W	SB	1064	1106	15	1121
Madison & 53rd	Corner	SW		332	340	256	596
	Corner	NW		299	307	353	660
	Crosswalk	N	EB	589	603	-166	437
	Crosswalk	N	WB	495	507	525	1032
	Crosswalk	S	EB	565	582	-147	435
	Crosswalk	S	WB	493	507	488	995
	Crosswalk	W	NB	663	677	39	716
	Crosswalk	W	SB	717	738	-10	728

I	T	1	Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Vanderbilt & 43rd	Corner	NW		6	7	0	7
	Crosswalk	N	EB	455	451	308	759
	Crosswalk	N	WB	159	164	13	177
	Crosswalk	W	NB	120	126	5	131
	Crosswalk	W	SB	373	414	10	424
Park Ave E & 41st	Corner	NE		261	275	0	275
	Corner	SE		200	205	0	205
	Crosswalk	N	EB	584	623	78	701
	Crosswalk	N	WB	369	418	14	432
	Crosswalk	E	NB	1123	1196	60	1256
	Crosswalk	E	SB	1179	1273	71	1344
	Crosswalk	S	EB	466	498	48	546
	Crosswalk	S	WB	369	410	30	440
Park Ave W & 46th	Corner	SW		329	337	0	337
	Corner	NW		130	141	89	230
	Crosswalk	N	EB	272	290	46	336
	Crosswalk	N	WB	459	476	63	539
	Crosswalk	S	EB	260	274	23	297
	Crosswalk	S	WB	366	378	27	405
	Crosswalk	W	NB	296	311	37	348
	Crosswalk	W	SB	1648	1693	333	2026
Park Ave W & 47th	Corner	SW	- 02	127	130	114	244
	Crosswalk	S	EB	380	399	61	460
	Crosswalk	S	WB	420	435	49	484
	Crosswalk	w	NB	435	452	117	569
	Crosswalk	W	SB	1670	1715	53	1768
Park Ave W & 48th	Corner	NW	36	125	128	39	167
raik Ave vv & 40iii	Crosswalk	N	EB	423	439	36	475
	Crosswalk	N	WB	358	368	161	529
		W	NB	820	841	85	
	Crosswalk						926
D	Crosswalk	W	SB	1247	1283	49	1332
Park Ave E & 48th	Corner	NE	ED	1129	1169	1	1170
	Crosswalk	N	EB	484	501	36	537
	Crosswalk	N	WB	338	347	161	508
	Crosswalk	E	NB	761	853	24	877
	Crosswalk	Е	SB	856	893	27	920
Park Ave W & 49th	Corner	SW		76	78	0	78
	Corner	NW		116	119	46	165
	Crosswalk	N	EB	276	310	34	344
	Crosswalk	N	WB	393	411	64	475
	Crosswalk	S	NB	298	317	20	337
	Crosswalk	S	SB	438	453	128	581
	Crosswalk	W	NB	1360	1395	101	1496
	Crosswalk	W	SB	710	739	118	857
Park Ave E & 49th	Corner	NE		115	122	1	123
	Corner	SE		68	70	1	71
	Crosswalk	N	EB	273	307	34	341
	Crosswalk	N	WB	404	422	64	486
	Crosswalk	E	NB	1050	1086	57	1143
	Crosswalk	Е	SB	822	849	18	867
	Crosswalk	S	EB	263	282	20	302
	Crosswalk	S	WB	401	415	127	542

	_		Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Park Ave W & 50th	Corner	SW		199	212	60	272
	Corner	NW		194	207	0	207
	Crosswalk	N	EB	557	611	106	717
	Crosswalk	N	WB	446	497	13	510
	Crosswalk	S	EB	425	458	120	578
	Crosswalk	S	WB	285	291	48	339
	Crosswalk	W	NB	909	931	330	1261
	Crosswalk	W	SB	976	1008	42	1050
Lexington & 41st	Corner	SE		196	201	1	202
	Corner	SW		143	149	0	149
	Crosswalk	E	NB	723	764	195	959
	Crosswalk	E	SB	808	840	76	916
	Crosswalk	S	EB	294	307	10	317
	Crosswalk	S	WB	416	426	109	535
	Crosswalk	W	NB	874	924	156	1080
	Crosswalk	W	SB	953	997	81	1078
Lexington & 42nd	Corner	NE		12	25	3	28
-	Corner	SE		323	331	4	335
	Corner	SW		577	607	-4	603
	Corner	NW		755	786	0	786
	Crosswalk	N	EB	841	942	73	1015
	Crosswalk	N	WB	1237	1659	701	2360
	Crosswalk	E	NB	881	936	117	1053
	Crosswalk	Е	SB	717	812	91	903
	Crosswalk	S	EB	1453	1601	20	1621
	Crosswalk	S	WB	819	1298	133	1431
	Crosswalk	W	NB	765	1024	262	1286
	Crosswalk	W	SB	515	611	105	716
Lexington & 43rd	Corner	NE	0.5	65	123	0	123
	Corner	SE		125	130	108	238
	Crosswalk	N	EB	441	502	18	520
	Crosswalk	N	WB	1067	1155	270	1425
	Crosswalk	E	NB	678	785	72	857
	Crosswalk	Ē	SB	938	980	285	1265
	Crosswalk	S	EB	352	384	34	418
	Crosswalk	S	WB	918	952	444	1396
Lexington & 44th	Corner	NE NE	VVD	110	118	11	129
Lexington & 44th	Corner	SE		220	233	2	235
	Crosswalk	N N	EB	202	216	4	220
	Crosswalk	N	WB	402	418	44	462
	Crosswalk	E	NB	633	702	28	730
	Crosswalk	E	WB	1035	1078	317	1395
	Crosswalk	S	EB	200	218	14	232
	Crosswalk	S	WB	639	663	41	704
Lexington & 45th	Corner	NE	VVD	243	249	2	251
Lexington & 45th							
	Corner	SE		490	502	0	502
	Corner	SW		224	230	-8	222
	Corner	NW	F5	173	186	0	186
	Crosswalk	N	EB	234	249	3	252
	Crosswalk	N	WB	427	441	-3	438
	Crosswalk	E	NB	386	442	31	473
	Crosswalk	E	SB	768	791	331	1122
	Crosswalk	S	EB	253	268	2	270
	Crosswalk	S	WB	502	518	20	538
	Crosswalk	W	NB	487	553	30	583
	Crosswalk	W	SB	1073	1108	458	1566

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
Lexington & 46th	Corner	NE	Direction	187	192	98	290
Lexington & 40th	Corner	SE		366	375	0	375
	Corner	SW		263	270	9	279
	Corner	NW		75	78	8	86
	Crosswalk	N	EB	331	339	44	383
	Crosswalk	N	WB	533	546	169	715
	Crosswalk	E	NB	661	725	39	713 764
	Crosswalk	E	SB	905	935	344	1279
	Crosswalk	S	EB	342	351	32	383
	Crosswalk	S	WB	310	318	33	351
	Crosswalk	W	NB	493	557	20	577
		W	SB				
Lexington & 47th	Crosswalk	NE	SB	955	987	454 3	1441 138
Lexington & 47th	Corner Corner	SE		132 255	135 261	3 105	366
	Corner	SW		255 161	165	2	167
	Corner	NW	ED.	79	83	4	87
	Crosswalk	N	EB	274	282	18	300
	Crosswalk	N	WB	200	206	16	222
	Crosswalk	E	NB	536	598	220	818
	Crosswalk	E	SB	477	497	143	640
	Crosswalk	S	EB	190	196	64	260
	Crosswalk	S	WB	286	294	280	574
	Crosswalk	W	EB	475	541	24	565
	Crosswalk	W	WB	791	820	256	1076
Lexington & 48th	Corner	NE		41	42	2	44
	Corner	SE		370	379	0	379
	Corner	SW		112	115	0	115
	Corner	NW		171	188	562	750
	Crosswalk	N	EB	192	199	262	461
	Crosswalk	N	WB	358	400	225	625
	Crosswalk	E	NB	686	753	219	972
	Crosswalk	E	SB	448	467	142	609
	Crosswalk	S	EB	228	234	55	289
	Crosswalk	S	WB	167	191	-5	186
	Crosswalk	W	NB	504	573	18	591
	Crosswalk	W	SB	509	547	309	856
Lexington & 49th	Corner	NE		92	94	244	338
	Corner	SE		96	98	0	98
	Corner	SW		31	32	67	99
	Corner	NW		182	188	0	188
	Crosswalk	N	EB	198	201	44	245
	Crosswalk	N	WB	197	206	237	443
	Crosswalk	E	NB	617	700	461	1161
	Crosswalk	E	SB	421	459	319	778
	Crosswalk	S	EB	201	222	182	404
	Crosswalk	S	WB	150	162	63	225
	Crosswalk	W	NB	374	440	890	1330
	Crosswalk	W	SB	594	630	161	791

Corners and Cross			Crosswalk	Existing	No Action	Project	With Action
Intersection	Туре	Location	Direction	Volume	Volume	Increment	Volume
Lexington & 50th	Corner	NE		42	43	0	43
	Corner	SE		52	129	778	907
	Corner	SW		36	37	0	37
	Corner	NW		8	50	0	50
	Crosswalk	N	EB	463	528	3	531
	Crosswalk	N	WB	514	569	175	744
	Crosswalk	E	NB	981	1117	-52	1065
	Crosswalk	E	SB	664	890	-60	830
	Crosswalk	S	EB	254	346	361	707
	Crosswalk	S	WB	211	262	317	579
	Crosswalk	W	NB	585	636	958	1594
	Crosswalk	W	SB	935	1060	15	1075
Lexington & 51st	Corner	NE		248	307	182	489
-	Corner	SE		1048	1184	-356	828
	Corner	SW		276	283	0	283
	Corner	NW		281	292	0	292
	Crosswalk	N	EB	757	782	32	814
	Crosswalk	N	WB	609	623	435	1058
	Crosswalk	E	NB	705	747	103	850
	Crosswalk	E	SB	702	762	78	840
	Crosswalk	S	EB	367	385	-120	265
	Crosswalk	S	WB	325	353	-63	290
	Crosswalk	W	NB	498	536	67	603
	Crosswalk	W	SB	755	830	61	891
Lexington & 52nd	Corner	NE		255	272	0	272
	Corner	SE		395	405	140	545
	Corner	SW		195	200	5	205
	Corner	NW		181	189	0	189
	Crosswalk	N	EB	613	639	21	660
	Crosswalk	N	WB	403	425	244	669
	Crosswalk	E	NB	707	772	116	888
	Crosswalk	E	SB	642	707	140	847
	Crosswalk	S	EB	287	310	25	335
	Crosswalk	S	WB	216	241	107	348
	Crosswalk	W	NB	589	675	70	745
	Crosswalk	W	SB	732	825	278	1103
Lexington & 53rd	Corner	SE	35	104	107	21	128
Lexington & 5510	Crosswalk	E	NB	861	909	91	1000
	Crosswalk	E	SB	816	883	42	925
			EB		424	8	432
	Crosswalk	S S	WB	365 209			
2rd 9 42nd	Crosswalk		VVD		304	28	332
3rd & 42nd	Corner	NE CE		52	141	70	211
	Corner	SE		231	238	1	239
	Corner	SW		86	234	-4 4	230
	Corner	NW		0	6	1	7
	Crosswalk	N	EB	171	254	122	376
	Crosswalk	N	WB	299	682	891	1573
	Crosswalk	E	NB	101	183	71	254
	Crosswalk	E	SB	455	513	538	1051
	Crosswalk	S	EB	258	442	64	506
	Crosswalk	S	WB	545	2219	486	2705
	Crosswalk	W	NB	236	323	48	371
	Crosswalk	W	SB	315	370	449	819

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
3rd & 43rd	Corner	NE		24	27	4	31
	Corner	SE		287	294	10	304
	Corner	SW		240	246	0	246
	Corner	NW		563	641	0	641
	Crosswalk	N	EB	336	381	23	404
	Crosswalk	N	WB	677	755	238	993
	Crosswalk	E	NB	872	1015	94	1109
	Crosswalk	E	SB	909	1024	675	1699
	Crosswalk	S	EB	310	360	40	400
	Crosswalk	S	WB	817	871	356	1227
	Crosswalk	W	NB	741	909	52	961
	Crosswalk	W	SB	1794	1913	126	2039
3rd & 44th	Corner	NE	OB	207	275	8	283
314 & 44111	Corner	SE		480	505	0	505
		N N	EB	309		33	
	Crosswalk				338		371
	Crosswalk	N	WB	729	773	65	838
	Crosswalk	E	NB	628	756	122	878
	Crosswalk	E	SB	883	1008	1057	2065
	Crosswalk	S	EB	301	396	41	437
	Crosswalk	S	WB	721	801	51	852
3rd & 45th	Corner	SE		704	738	18	756
	Corner	NE		403	413	1	414
	Crosswalk	N	EB	171	185	6	191
	Crosswalk	N	WB	299	314	7	321
	Crosswalk	E	NB	101	160	97	257
	Crosswalk	E	SB	455	504	118	622
	Crosswalk	S	EB	258	281	7	288
	Crosswalk	S	WB	545	572	39	611
3rd & 48th	Corner	NW	VVD	66	91	83	174
ord & form	Crosswalk	N	EB	180	185	89	274
	Crosswalk	N	WB	211	217	-3	214
		W					
	Crosswalk		NB	627	690	63	753 750
01 0. 4011	Crosswalk	W	SB	620	650	106	756
3rd & 49th	Corner	SW		18	17	1	18
	Corner	NW		180	185	2	187
	Crosswalk	N	EB	260	266	90	356
	Crosswalk	N	WB	158	165	-6	159
	Crosswalk	S	EB	288	298	78	376
	Crosswalk	S	WB	296	319	-6	313
	Crosswalk	W	NB	835	920	61	981
	Crosswalk	W	SB	466	517	172	689
3rd & 51st	Corner	NW		613	620	369	989
	Crosswalk	N	EB	201	209	31	240
	Crosswalk	N	WB	216	228	6	234
	Crosswalk	W	NB	862	920	91	1011
	Crosswalk	W	SB	781	865	129	994
3rd & 52nd	Corner	NE	0.5	67	69	0	69
OIG G OZIIG	Corner	SW		271	283	0	283
	Corner	NW	F5	139	142	340	482
	Crosswalk	N	EB	199	207	31	238
	Crosswalk	N	WB	192	203	8	211
	Crosswalk	E	NB	1192	1254	83	1337
	Crosswalk	E	SB	495	548	28	576
	Crosswalk	S	EB	305	316	34	350
	Crosswalk	S	WB	196	209	10	219
	Crosswalk	W	NB	534	585	112	697
	Crosswalk	W	SB	204	267	536	803

Intersection	Туре	Location	Crosswalk Direction	Existing Volume	No Action Volume	Project Increment	With Action Volume
3rd & 53rd		SE	Direction	69	71		72
310 & 5310	Corner Corner	SW		289	306	1	
						26	332
	Corner Crosswalk	NW N	EB	620 385	632 400	0 37	632 437
			WB			3	
	Crosswalk	N		330 946	350 998	97	353
	Crosswalk	E E	NB				1095
	Crosswalk	S	SB	548	604	50	654 540
	Crosswalk	S	EB WB	449	465 283	83 8	548
	Crosswalk	W	NB	265		196	291
	Crosswalk	W	SB	662	714		910
2rd 0 E 4th	Crosswalk	SW	SB	580	657	181	838
3rd & 54th	Corner			129	131	20	151
	Corner	NW	ED.	314	326	0	326
	Crosswalk	N	EB	111	116	19	135
	Crosswalk	N	WB	59	68	0	68
	Crosswalk	S	EB	379	392	21	413
	Crosswalk	S	WB	332	348	0	348
	Crosswalk	W	NB	328	371	118	489
O-4 0 EE#	Crosswalk	W	SB	138	202	181 5	383
3rd & 55th	Corner	SW		186	192	_	197
	Corner	NW	ED	39	30	148	178
	Crosswalk	N	EB	216	220	54	274
	Crosswalk	N	WB	148	157	-1	156
	Crosswalk	S	EB	198	205	17	222
	Crosswalk	S	WB	164	174	0	174
	Crosswalk	W	NB	104	145	87	232
0-4 0 FOH	Crosswalk	W	SB	49	115	207	322
3rd & 56th	Corner	SW	EB	127	124 128	123 13	247
	Crosswalk	S		123			141
	Crosswalk	S	WB	182	189	0	189
	Crosswalk	W	NB	566	585	185	770
0	Crosswalk	W	SB	430	459	23	482
2nd & 42nd	Corner	NE		80	101	0	101
	Corner	SW		18	73	-3	70
	Corner	NW	ED	181	186	129	315
	Crosswalk	N	EB	75	128	36	164
	Crosswalk	N	WB	252	704	11	715
	Crosswalk	E	NB	137	202	6	208
	Crosswalk	E	SB	291	315	21	336
	Crosswalk	S	EB	120	266	22	288
	Crosswalk	S	WB	286	1923	6	1929
	Crosswalk	W	NB	233	286	50	336
0	Crosswalk	W	SB	475	506	237	743
2nd & 43rd	Corner	SE		91	93	0	93
	Corner	SW		77	92	235	327
	Corner	NW	F5	228	234	0	234
	Crosswalk	N	EB	358	373	23	396
	Crosswalk	N	WB	116	129	7	136
	Crosswalk	E	NB	299	341	22	363
	Crosswalk	E	SB	585	611	12	623
	Crosswalk	S	EB	162	175	37	212
	Crosswalk	S	WB	317	341	14	355
	Crosswalk	W	NB	350	404	60	464
	Crosswalk	W	SB	678	713	40	753

Condition

THIS APPENDIX IS NEW FOR THE FEIS



Changes in Pedestrian Elements in the Proposed Action with PRI Condition- Crosswalks

		WITH-ACTION	LENGTH after			Effect of
Intersection	CROSSWALK	LENGTH (ft)	PRI (ft)	WIDTH (ft)	With-Action-With-Improvements	With-Action-With-Improvements
	NORTH	54	48	13	NW Corner Full Extension	Shorten crosswalk by 6' to 48'
Madison Ave @ 43rd St (#9)	WEST	33.5	27.5	12	NW Corner Full Extension	Shorten crosswalk by 6' to 27.5'
Madison Ave @ 53rd St (#13)	NORTH	55	49	15	NW Corner Ave Extension	Shorten crosswalk by 6' to 49'
Park Ave W @ 50th St (#23)	WEST	30	24	14	NW Corner Full Extension	Shorten crosswalk by 6' to 24'
Lexington Ave @ 43rd St (#27)	SOUTH	40	34	13.5	SE Corner Ave Extension	Shorten crosswalk by 6' to 34'
A 5 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	EAST	36	30	15.5	NE Corner Full Extension	Shorten crosswalk by 6' to 30'
Lexington Ave @ 45th St (#29)	WEST	41	29	10.5	NW and SW Side Street Extensions	Shorten crosswalk by 12' to 29'
Laving stars Avec @ ACAL CA (#20)	EAST	32	26	14	SE Corner Full Extension	Shorten crosswalk by 6' to 26'
Lexington Ave @ 46th St (#30)	WEST	26	20	14	NW Corner Side Street Extension	Shorten crosswalk by 6' to 26'
Louington Avo @ 47th St (#21)	EAST	28	22	10	NE Corner Full Extension	Shorten crosswalk by 6' to 22'
Lexington Ave @ 47th St (#31)	SOUTH	52.5	46.5	14.5	SE Corner Ave Extension	Shorten croswalk by 6' to 46.5'
Lexington Ave @ 48th St (#32)	WEST	30	24	12	NW Corner Side Street Extension	Shorten crosswalk by 6' to 24'
Lexington Ave @ 49th St (#33)	SOUTH	51	45	14	SE Corner Ave Extension	Shorten crosswalk by 6' to 45'
Lexington Ave @ 50th St (#34)	WEST	34	28	16	NW Corner Side Street Extension	Shorten crosswalk by 6' to 28'
Lexington Ave @ 51st St (#35)	NORTH	51	45	14	NE Corner Full Curb Extension	Shorten crosswalk by 6' to 45'
Lovington Avo @ F2nd St /#26)	EAST	35.5	29.5	15	Full Curb Extension on SE Corner	Shorten crosswalk by 6' to 29.5'
Lexington Ave @ 52nd St (#36)	WEST	34	28	18	NW Corner Side Street Extension	Shorten crosswalk by 6' to 28'
3rd Ave @ 42nd St (#38)	NORTH	69.5	63.5	20	NW Corner Ave Extension	Shorten crosswalk by 6' to 63.5'
2 rd Av. a @ 42 rd C+ (#20)	EAST	34	28	15	NE Corner Ave Extension	Shorten crosswalk by 6' to 28'
3rd Ave @ 43rd St (#39)	SOUTH	70.5	55.5	15.5	SW Corner Ave Extension and Bus Bulb on 3rd Ave	Shorten crosswalk by 15' to 55.5'
3rd Ave @ 44th St (#40)	EAST	35	29	15.5	NE Corner Side Street Extension	Shorten crosswalk by 6' to 29'
3rd Ave @ 52nd St (#45)	WEST	41	35	12.5	SW Corner Full Extension	Shorten crosswalk by 6' to 35'
3rd Ave @ 53rd St (#46)	WEST	35.5	29.5	13.5	6' Sidewalk Widening on NW Corner	Shorten crosswalk by 6' to 29.5'
3rd Ave @ 54th St (#47)	WEST	33	27	16	SW Corner Full Extension	Shorten crosswalk by 6' to 27'
3rd Ave @ 55th St (#48)	WEST	34	28	11.5	NW Corner Full Extension	Shorten crosswalk by 6' to 28'

Changes in Pedestrian Eler			With-Action	Total Sidewalk		-			
Intersection (TMC#)	Corner	Sidewalk	Total Sidewalk Width (ft.)	Width after PRI (ft.)	Radius (ft.)	Total Width of Obstructions (ft.)	Obstructions	With-Action- With-Improvements	Effect of With-Action-With-Improvements
Madison Ave @ 40th St (6)	SW	N-S	20.00	20.00	6.50	0.00	Obstructions	Side Street Extension	-
M. F A . O 40 . IS		E-W N-S	13.00 14.00	19.00 20.00	42.00	F.00		61.6	Widened E-W sidewalk by 6' to 19' Widened N-S sidewalk by 6' to 20'
Madison Ave @ 42nd St	NW	E-W	20.50	20.50	12.00	5.00	1 traffic/light pole, 1 sign	Side Street Extension	
Madison Ave @ 43rd St (9)	NW	N-S E-W	20.00	26.00 19.00	12.00	1.00	1 FDNY call box	Full Extension	Widened N-S sidewalk by 6' to 26' Widened E-W sidewalk by 6' to 19'
	SW	N-S	20.00	26.00	13.00	4.00	1 traffic/light pole	Full Extension	Widened N-S sidewalk by 6' to 26'
Madison Ave @ 44th St (10)		E-W N-S	13.00 20.00	19.00 26.00					Widened E-W sidewalk by 6' to 19' Widened N-S sidewalk by 6' to 26'
	NW	E-W	13.00	13.00	12.00	0.00		Avenue Extension	Wideried N-3 sideWalk by 0 to 20
	NE	N-S	13.00	13.00	13.00	4.00	1 traffic/light pole	Side Street Extension	Mideral F Waidawalli bu Clas 4F Fl
Madison Ave @ 45th St (11)	SE	E-W N-S	9.50 13.00	15.50 13.00	13.00	4.00	1 traffic/light pole	Side Street Extension	Widened E-W sidewalk by 6' to 15.5'
110035117112 @ 450151 (11)	52	E-W	16.00	22.00	13.00	4.50	2 crame, ngme pore	Side Street Extension	Widened E-W sidewalk by 6' to 22'
	NW	N-S E-W	20.00 13.00	26.00 19.00	12.00	4.00	1 traffic/light pole	Full Extension	Widened N-S sidewalk by 6' to 26' Widened E-W sidewalk by 6' to 19'
Madison Ave @ 46th St (12)	sw	N-S	20.00	26.00	11.00			Full Extension	Widened N-S sidewalk by 6' to 26'
		E-W N-S	13.00 23.00	19.00 29.00				Avenue Extension and North	Widened E-W sidewalk by 6' to 19' Widened N-S sidewalk by 6' to 29'
Madison Ave @ 53rd St (13)	NW	E-W	23.00	32.00	15.00	8.00	1 traffic/light pole, 1 fire hydrant	Sidewalk Widening	Widened E-W sidewalk by 9' to 32'
Park Ave W @ 46th St (17)	NW	N-S E-W	14.50 15.00	20.50 15.00	14.50	4.00	1 traffic/light pole	Avenue Extension	Widened by 6' to 20.5'
Park Ave W @ 47th St (18)	SW	N-S	15.00	21.00	15.00	4.00	1 traffic/light pole	Full Extension	Widened N-S sidewalk by 6' to 21'
		E-W N-S	15.00 15.00	21.00 21.00					Widened E-W sidewalk by 6' to 21' Widened N-S sidewalk by 6' to 21'
Park Ave W @ 48th (19)	NW	E-W	15.00	21.00	15.00	4.00	1 traffic/light pole	Full Extension	Widened E-W sidewalk by 6' to 21'
Park Ave E @ 48th St (20)	NE	N-S	15.00	21.00	16.00			Avenue Extension	Widened N-S sidewalk by 6' to 21'
Park Ave W @ 49th St (21)	SW	E-W N-S	15.00 15.00	15.00 21.00	15.00			Full Extension	Widened N-S sidewalk by 6' to 21'
1 81K AVE W @ 45(115t (21)	300	E-W	15.00	21.00	15.00			ruii extension	Widened E-W sidewalk by 6' to 21'
Park Ave E @ 49th St (22)	SE	N-S E-W	15.00 15.00	21.00 15.00	13.00	1.00	1 FDNY call box	Avenue Extension	Widened N-S sidewalk by 6' to 21'
Park Ave W @ 50th St (23)	NW	N-S	15.00	21.00	10.00	4.00	1 traffic/light pole	Full Extension	Widened N-S sidewalk by 6' to 21'
	NE	E-W N-S	15.00 22.00	21.00 28.00	12.50	62.50	V	A 5.4i	Widened E-W sidewalk by 6' to 21' Widened N-S sidewalk by 6' to 28'
Lexington Ave @ 43rd St (27)	INE	E-W	17.50	17.50	12.50	62.50	Vendor table	Avenue Extension	
	SE	N-S E-W	13.50 13.50	19.50 13.50	13.50	4.00		Avenue Extension	Widened N-S sidewalk by 6' to 19.5'
	NE	N-S	12.00	18.00	11.50	9.50	1 traffic/light pole, 1 garbage bin	Full Extension	Widened N-S sidewalk by 6' to 18'
		E-W N-S	12.00 12.00	18.00 18.00					Widened E-W sidewalk by 6' to 18' Widened N-S sidewalk by 6' to 18'
Lexington Ave @ 45th St (29)	SE	E-W	12.00	12.00	12.50	4.00	1 traffic/light pole	Avenue Extension	
	SW	N-S E-W	11.00 11.00	11.00 17.00	11.00			Side Street Extension	Widened E-W sidewalk by 6' to 17'
	NW	N-S	13.00	13.00	10.00			Side Street Extension	
		E-W N-S	13.00 11.00	19.00 17.00					Widened E-W sidewalk by 6' to 19' Widened N-S by 6' to 17'
Lexington Ave @ 46th St (30)	SE	E-W	12.50	18.50	11.00			Full Extension	Widened E-W by 6' to 18.5'
3 ,	NW	N-S E-W	12.00 15.00	12.00 21.00	12.00	4.00	1 traffic/light pole	Side Street Extension	Widened E-W sidewalk by 6' to 21'
	NE	N-S	12.00	18.00	12.00			Full Extension	Widened N-S sidewalk by 6' to 18'
Lexington Ave @ 47th St (31)		E-W	14.50	20.50	12.00			Tall Extension	Widened E-W sidewalk by 6' to 20.5'
	SE	N-S E-W	20.00 15.00	26.00 15.00	12.00			Avenue Extension	Widened N-S sidewalk by 6' to 26'
	SE	N-S	12.00	18.00	13.00	4.00	1 traffic/light pole	Avenue Extension	Widened N-S sidewalk by 6' to 18'
Lexington Ave @ 48th St (32)	NW	E-W N-S	13.00 20.00	13.00 20.00	14.50	4.00	1 traffic/light no!-	Sido Stroot Situation	
	NW	E-W	14.50	20.50	14.50	4.00	1 traffic/light pole	Side Street Extension	Widened E-W sidewalk by 6' to 20.5'
	NE	N-S E-W	20.00 15.00	26.00 15.00	12.00	4.00	1 traffic/light pole	Avenue Extension	Widened N-S sidewalk by 6' to 26'
Lexington Ave @ 49th St (33)	SE	N-S	11.50	17.50	12.00	9.50	1 traffic/light pole, 1 garbage bin	Avenue Extension	Widened N-S sidewalk by 6' to 17.5'
		E-W	14.00	14.00					

Changes in Pedestrian Elen	nents in	the Prop	osed Action v	vith PRI Condi	tion- Corne	ers			
Intersection (TMC#)	Corner	Sidewalk	With-Action Total Sidewalk Width (ft.)	Total Sidewalk Width after PRI (ft.)	Radius (ft.)	Total Width of Obstructions (ft.)	Obstructions	With-Action- With-Improvements	Effect of With-Action-With-Improvements
	SE	N-S	20.00	26.00	12.50	4.00	1 traffic/light pole	Avenue Extension	Widened N-S sidewalk by 6' to 26'
Lexington Ave @ 50th St (34)		E-W N-S	16.00 11.50	16.00 11.50					
	NW	E-W	15.00	21.00	12.50	4.00	1 traffic/light pole	Side Street Extension	Widened E-W sidewalk by 6' to 21'
	NE	N-S E-W	12.00 15.00	18.00 21.00	12.00	4.00	1 traffic/light pole	Full Extension	Widened F. W. sidewalk by 6' to 18'
Lexington Ave @ 51st St (35)	SE	N-S	12.00	18.00	12.00	13.50	1 traffic/light pole, 1 garbage bin,	Avenue Extension	Widened E-W sidewalk by 6' to 21' Widened N-S sidewalk by 6' to 18'
LEXINGION AVE @ 315t 3t (33)	JE.	E-W	16.00	16.00	12.00	13.30	1 transcright pole, 1 garbage bill,	Avenue Extension	
	SW	N-S E-W	12.00 15.50	12.00 20.50	12.00	4.00	1 traffic/light pole	Avenue Extension (5')	Widened E-W sidewalk by 5' to 21.5'
	SE	N-S	14.50	20.50	14.50	19.00	2 traffic/light poles, 2 garbage bir	Full Extension	Widened N-S sidewalk by 6' to 20.5'
Lexington Ave @ 52nd St (36)		E-W	17.00	23.00					Widened E-W sidewalk by 6' to 23'
	NW	N-S E-W	50.00 38.50	50.00 44.50	13.00	22.00	1 traffic/light pole, 1 garbage bin,	Side Street Extension	Widened E-W sidewalk by 6' to 44.5'
Lexington Ave @ 53rd St (37)	SE	N-S	22.00	28.00	11.00	33.63	1 subway entrace (36 radius), 1 ti	Avenue Extension	Widened N-S sidewalk by 6' to 22'
		E-W N-S	30.00 15.00	30.00 21.00					Midened N.S. sidewalk by 51 to 211
3rd Ave @ 42nd St (38)	NW	E-W	20.00	20.00	11.00	5.50	1 garbage bin	Avenue Extension	Widened N-S sidewalk by 6' to 21'
	NE	N-S	15.00	20.00	11.00			Side Street Extension and 5' Avenue Extension	Widened N-S sidewalk by 5' to 20'
		E-W N-S	11.00 15.00	17.00 24.00					Widened E-W sidewalk by 6' to 17' Widened N-S sidewalk by 9' to 24'
3rd Ave @ 43rd St (39)	SE	E-W	14.00	14.00	14.00			Bus Bulb on Third Ave	Wideled to State Walk by Si to Ex
,	SW	N-S	14.00	20.00	13.00	2.25	~ 1/2 garbage bin	Avenue Extension	Widened N-S sidewalk by 6' to 20'
		E-W N-S	13.00 12.00	13.00 18.00	42.00				Widened N-S sidewalk by 6' to 18'
	NW	E-W	12.00	12.00	12.00			Avenue Extension	
	NE	N-S E-W	18.50 15.00	18.50 21.00	15.00			Side Street Extension	Widened E-W sidewalk by 6' to 21'
3rd Ave @ 44th St (40)	SE	N-S	16.00	22.00	9.00			Avenue Extension	Widened N-S sidewalk by 6' to 22'
	32	E-W	18.00	18.00	3.00			Wende Extension	
	NE	N-S E-W	11.50 14.50	17.50 14.50	14.50			Avenue Extension	Widened N-S sidewalk by 6' to 17.5'
3rd Ave @ 45th St (41)	SE	N-S	15.00	15.00	15.00			Side Street Extension (5')	
		E-W N-S	15.00 30.00	20.00 36.00					Widened E-W sidewalk by 5' to 20' Widened N-S sidewalk by 6' to 36'
3rd Ave @ 48th St (42)	NW	E-W	15.00	15.00	15.00	73.50	1 food truck, 1 fire hydrant, 1 gar	Avenue Extension	Widefied N-3 sidewalk by 0 to 30
3rd Ave @ 49th St (43)	NW	N-S	25.50	31.50	15.50	36.00	1 traffic/light pole, 1 garbage bin,	Avenue Extension	Widened N-S sidewalk by 6' to 31.5'
		E-W N-S	38.00 15.00	38.00 21.00					Widened N-S sidewalk by 6' to 21'
3rd Ave @ 51st St (44)	NW	E-W	15.00	15.00	15.00	24.00	2 garbage bin, 1 fence w/bikes, 1	Avenue Extension	, , , , , , , , , , , , , , , , , , ,
	NE	N-S	17.00	17.00	11.50	48.50	6 planters, 1 traffic/light pole, 1 g	Side Street Extension	WELL TENNETH WILL BUILD BOT
2-4 4 @ 52-4 54 (45)	CM/	E-W N-S	23.50 15.00	29.50 21.00	14.00	4.00	1 4 66:- 11:- 14 1-	Full Extraction	Widened E-W sidewalk by 6' to 29.5' Widened N-S sidewalk by 6' to 21'
3rd Ave @ 52nd St (45)	SW	E-W	14.00	20.00	14.00	4.00	1 traffic/light pole	Full Extension	Widened E-W sidewalk by 6' to 20'
	NW	N-S E-W	15.50 13.50	21.50 13.50	13.50	14.50	1 traffic/light pole, 1 garbage bin,	Avenue Extension	Widened N-S sidewalk by 6' to 21.5'
	SE	N-S	15.00	20.00	12.00	27.00	2 planters, 2 traffic/light poles, 2	Side Street Extension and 5'	Widened N-S sidewalk by 5' to 20
		E-W	12.00	18.00			, , , , , , , , , , , , , , , , , , , ,	Avenue Extension	Widened E-W sidewalk by 6' to 18'
3rd Ave @ 53rd St (46)	SW	N-S E-W	15.00 13.00	20.00	13.00	13.50	4 construction poles, 1 traffic/ligh	Avenue Extension (5')	Widened N-S sidewalk by 5' to 20'
	NW	N-S	15.00	21.00	13.00			Avenue Extension and North	Widened N-S sidewalk by 6' to 21'
		E-W N-S	13.00 15.50	19.00 21.50				Sidewalk Widening	Widened R-S sidewalk by 6' to 19' (Sidewalk widening)
3rd Ave @ 54th St (47)	SW	N-S E-W	15.50	21.50	12.00	28.50	2 pillars (2 radii), 3 double phone	Full Extension	Widened N-S sidewalk by 6' to 21.5' Widened E-W sidewalk by 6' to 21.5'
314 AVE @ 3411 31 (4/)	NW	N-S	25.50	31.50	16.00	9.50	1 traffic pole, 1 garbage bin	Avenue Extension	Widened N-S sidewalk by 6' to 31.5'
		E-W N-S	22.50 15.00	22.50 21.00					Widened N-S sidewalk by 6' to 21'
3rd Ave @ 55th St (48)	NW	E-W	13.00	19.00	13.00	4.00	1 traffic pole	Full Extension	Widened E-W sidewalk by 6' to 19'
3rd Ave @ 56th St (49)	sw	N-S	13.00	19.00	12.00			Full Extension	Widened N-S sidewalk by 6' to 19'
Madican @ 51-t Street	NW	E-W N-S	12.00 13.00	18.00 19.00	12.00	4.00	1 teaffic/light no!-	Avanua Fritz	Widened E-W sidewalk by 6' to 18' Widened N-S Sidewalk by 6' to 19'
Madison @ 51st Street	INW	E-W	15.00	15.00	13.00	4.00	1 traffic/light pole	Avenue Extension	

Changes in Pedestrian Elements in the Proposed Action with PRI Condition- Sidewalks

NAME (nearest TMC#)	CORNER	SIDEWALK	WITH-ACTION TOTAL WIDTH (ft)	TOTAL WIDTH AFTER PRI (ft)	OBSTRUCTIONS (ft)	Obstruction Description	With-Action With-Improvement	Effect of With-Action-With-Improvements	Effective Width
North sidewalk on 53rd St between 5th Ave and Madison Ave (#13)	NW	E-W	23	32	12.5	- Wall = 1.5' shy, Subway stairs = 10' + 1' shy	Sidewalk Widening	Widened sidewalk by 9' to 32', efffective width to 19.5'	19.5
East sidewalk on 3rd Ave between 44th St and 45th St (#40)	NE	N-S	16	25	11.5	-wall=1.5' shy, bus stop & tree planter & curb =9'+1'shy	Sidewalk Widening	Widened sidewalk by 9' to 25', effective width to 13.5'	13.5

Appendix F.16
Pedestrian LOS Tables (Sidewalks, Corners, Crosswalks) for Proposed Action with PRI Condition

THIS APPENDIX IS NEW FOR THE FEIS



Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday AM Peak H	lour				
W 42nd Street between 5th Avenue and 6th Avenue	North	13	3,293	0.92	56.4	С
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,121	0.85	59.1	С
	South	5.5	1,477	0.77	44.1	С
E 40th Street between 5th Avenue and Madison Avenue	North	9	1,886	0.82	61.3	С
Madison Avenue between E 40th Street and E 41st Street	West	13	2,862	0.90	63.9	С
41st Street between 5th Avenue and Madison Avenue	South	6	1,055	0.92	82.2	С
E 43rd Street between 5th Avenue and Madison Avenue	North	4	2,337	0.94	23.2	D
	South	5.5	1,451	0.84	49.3	С
E 44th Street between 5th Avenue and Madison Avenue	North	4.5	1,622	0.90	38.4	D
Madison Avenue between E 44th Street and E 45th Street	West	11	1,635	0.96	101.5	В
	South	5.5	1,760	0.93	45.0	С
E 45th Street between 5th Avenue and Madison Avenue	North	4.5	1,360	0.89	45.4	С
E 46th Street between 5th Avenue and Madison Avenue	South	4	2,013	0.88	25.6	D
F FOrd Chroskhokurov File Avenue and Modines Avenue	South	5.5	1,194	0.89	64.1	С
E 53rd Street between 5th Avenue and Madison Avenue	North	19.5	1,058	0.81	236.5	В
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,461	0.80	33.3	D
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	1,612	0.79	25.3	D
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	1,944	0.89	68.1	С
Park Avenue between E 40th Street and E 41st Street	East	12	2,139	0.86	75.4	С
Faik Avenue between L 40th Street and L 41st Street	West	9	3,534	0.93	36.1	D
Park Avenue between E 46th Street and E 47th Street	West	7	1,716	0.79	50.0	С
Park Avenue between E 49th Street and E 50th Street	West	7	2,092	0.83	42.9	С
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	972	0.88	113.7	В
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	1,913	0.92	56.4	С
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	3,248	0.84	35.2	D
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	3,856	0.92	22.3	Е
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,925	0.96	37.3	D
EDANINGION ANOMINO DELINOCH E 7514 SHOCK AND E 7711 SHOCK	West	7	5,118	0.91	16.9	E
E 43rd Street between Lexington Avenue and 3rd Avenue	North	7.5	1,664	0.84	59.1	С
<u> </u>	South	7.5	2,460	0.93	43.8	С
Note: SFP = square feet per pedestrian; Significant Adverse Impacts hilighted						

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday AM Peak	Hour				
Levinston Avanua between E AAth Ctreet and E AEth Ctreet	East	4.5	2,620	0.84	20.6	E
Lexington Avenue between E 44th Street and E 45th Street	West	5	2,916	0.86	21.2	Е
E ANI CLUB A LOCAL	North	5.5	1,360	0.82	51.4	С
E 44th Street between Lexington Avenue and 3rd Avenue	South	12	1,888	0.87	86.8	С
Lexington Avenue between E 45th Street and E 46th Street	East	6	2,784	0.98	31.8	D
Lexington Avenue between E 45th Street and E 46th Street	West	9	2,185	0.91	58.2	С
Lexington Avenue between E 46th Street and E 47th Street	East	13	2,000	0.85	87.3	С
Echniquen Avenue between E 40th Street and E 47th Street	West	5.5	1,745	0.91	44.4	С
E 46th Street between Lexington Avenue and 3rd Avenue	North	5	926	0.85	71.9	С
Lexington Avenue between E 47th Street and E 48th Street	East	4.5	1,776	0.88	33.7	D
E 47th Street between Lexington Avenue and 3rd Avenue	South	4	675	0.88	81.7	С
	East	3	1,998	0.90	18.8	Е
Lexington Avenue between E 48th Street and E 49th Street	West	13	1,007	0.64	129.9	В
E 48th Street between Park Avenue and Lexington Avenue	North	6.5	1,546	0.83	54.0	С
· ·	East	11	2,506	0.90	61.8	С
Lexington Avenue between E 49th Street and E 50th Street	West	5	1,160	0.93	62.6	С
E 49th Street between Lexington Avenue and 3rd Avenue	North	6	548	0.89	153.9	В
E 49th Street between Park Avenue and Lexington Avenue	South	6	496	0.90	171.6	В
2 17th Shoet between 1 dik 7 vende did 25th glott 7 vende	East	6	2,030	0.87	39.4	D
Lexington Avenue between E 50th Street and E 51st Street	West	5	2,967	0.89	21.3	E
	North	5	348	0.82	187.3	В
E 50th Street between Lexington Avenue and 3rd Avenue	South	5.5	849	0.76	77.6	С
Levinaten Avenue between F E1ct Street and F E2nd Street	East	5	3,109	0.74	17.1	Е
Lexington Avenue between E 51st Street and E 52nd Street	West	10.5	1,929	0.91	78.2	С
Lexington Avenue between E 59th Street and E 60th Street	West	10.5	1,783	0.81	74.9	С
E 51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,359	0.85	33.2	D
3rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,555	0.88	39.4	D
3rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,472	0.89	32.9	D
3rd Avenue between E 44th Street and E 45th Street	East	13.5	2,750	0.87	66.7	С
3rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,551	0.87	44.9	С
F F2nd Street hetusen Levington Avenue and 2rd Avenue	South	7.5	824	0.79	113.2	В
E 52nd Street between Lexington Avenue and 3rd Avenue	North	7.5	983	0.57	68.5	С
3rd Avenue between E 52nd Street and E 53rd Street	East	6	3,289	0.89	23.5	D
	West	9	1,780	0.87	69.0	С
3rd Avenue between E 53rd Street and E 54th Street	West	7.5	1,919	0.85	51.7	C
3rd Avenue between E 55th Street and 56th Street	West	9	1,409	0.77	77.6	С
E 42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	2,861	0.86	48.7	С
2nd Avenue between E 42nd Street and E 43rd Street	West	7	1,267	0.95	82.3	С
E 43rd Street between 3rd Avenue and 2nd Avenue Note: SFP = square feet per pedestrian; Shading denotes a significant adv	South	16.5	915	0.69	197.8	В

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday Midday Pea	k Hour				
W 42nd Street between 5th Avenue and 6th Avenue	North	13	3,383	0.96	57.2	С
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,229	0.96	60.7	С
	South	5.5	2,702	0.91	27.5	D
E 40th Street between 5th Avenue and Madison Avenue	North	9	2,074	0.94	63.5	С
Madison Avenue between E 40th Street and E 41st Street	West	13	4,078	0.91	44.5	С
E 41st Street between 5th Avenue and Madison Avenue	South	6	1,686	0.95	52.6	С
E 43rd Street between 5th Avenue and Madison Avenue	North	4	1,684	0.89	31.8	D
E 44th Street between 5th Avenue and Madison Avenue	South	5.5	1,942	0.98	42.5	С
E 44th Sheet between 3th Avenue and Madison Avenue	North	4.5	1,347	0.94	48.9	С
Madison Avenue between E 44th Street and E 45th Street	West	11	2,753	0.81	50.0	С
	South	5.5	2,391	0.91	31.5	D
E 45th Street between 5th Avenue and Madison Avenue	North	4.5	1,720	0.94	37.5	D
E 46th Street between 5th Avenue and Madison Avenue	South	4	2,261	0.93	23.9	D
E 53rd Street between 5th Avenue and Madison Avenue	South	5.5	1,106	0.91	66.7	С
E 33rd Street between 3th Avenue and Madison Avenue	North	19.5	1,058	0.81	226.2	В
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,261	0.94	45.9	С
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	1,411	0.96	36.2	D
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	1,662	0.95	85.6	С
Park Avenue between E 40th Street and E 41st Street	East	12	1,310	0.91	131.9	В
Talk Avenue between E 40th Street and E 413t Street	West	9	2,596	0.99	53.2	С
Park Avenue between E 46th Street and E 47th Street	West	7	1,708	0.57	35.4	D
Park Avenue between E 49th Street and E 50th Street	West	7	2,060	0.87	45.7	С
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	1,110	0.95	107.5	В
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	1,774	0.93	61.1	С
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	2,655	0.95	50.1	С
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	3,276	0.96	28.3	D
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,482	0.94	41.6	С
Econogical Awards Delivered E 4314 Street and E 4411 Street	West	7	3,337	0.97	30.6	D
E 42rd Street between Levington Avenue and 2rd Avenue	North	7.5	1,650	0.93	65.8	С
E 43rd Street between Lexington Avenue and 3rd Avenue	South	7.5	1,908	0.85	52.1	С
ote: SFP = square feet per pedestrian; Shading denotes a significant adv	erse impact					

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday Midday Peal	(Hour				
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	2,972	0.93	20.0	E
Lexington Avenue between E 44th Street and E 45th Street	West	5	2,752	0.94	25.0	D
E 44th Street between Lexington Avenue and 3rd Avenue	North	5.5	1,159	0.87	64.5	С
2 Thir offeet between Lexington Wende and Startwende	South	12	1,880	0.88	88.7	С
Lexington Avenue between E 45th Street and E 46th Street	East	6	2,986	0.96	28.8	D
Eckington Avenue between E 43th Street and E 40th Street	West	9	2,390	0.91	53.3	С
Lexington Avenue between E 46th Street and E 47th Street	East	13	2,399	0.94	80.0	С
Estington/Wende Between E Toth Street and E 17th Street	West	5.5	2,209	0.89	33.7	D
E 46th Street between Lexington Avenue and 3rd Avenue	North	5	989	0.92	72.7	С
Lexington Avenue between E 47th Street and E 48th Street	East	4.5	1,669	0.88	36.1	D
E 47th Street between Lexington Avenue and 3rd Avenue	South	4	860	0.93	68.0	С
Lexington Avenue between E 48th Street and E 49th Street	East	3	1,673	0.98	25.9	D
Lexington Avenue between E 40th Street and E 47th Street	West	13	479	0.74	319.8	В
E 48th Street between Park Avenue and Lexington Avenue	North	6.5	1,092	0.94	87.6	С
	East	11	1,837	0.90	84.7	С
Lexington Avenue between E 49th Street and E 50th Street	West	5	750	0.61	63.6	С
E 49th Street between Lexington Avenue and 3rd Avenue	North	6	1,000	0.81	76.6	С
E 49th Street between Park Avenue and Lexington Avenue	South	6	831	0.87	99.3	В
Lavington Avanua between E-FAth Ctreet and E-F1et Ctreet	East	6	1,920	0.91	43.7	С
Lexington Avenue between E 50th Street and E 51st Street	West	5	2,323	0.83	26.3	D
E FAth Ctreet hetugen Levington Avenue and 2rd Avenue	North	5	999	0.92	72.1	С
E 50th Street between Lexington Avenue and 3rd Avenue	South	5.5	979	0.81	71.1	С
Lexington Avenue between E 51st Street and E 52nd Street	East	5	2,847	0.92	24.2	D
Lexington Avenue between E 31st Street and E 32nd Street	West	10.5	1,968	0.89	74.7	С
Lexington Avenue between E 59th Street and E 60th Street	West	10.5	2,399	0.94	64.4	С
E 51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,142	0.89	42.0	С
3rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,945	0.90	34.9	D
3rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,107	0.93	39.0	D
3rd Avenue between E 44th Street and E 45th Street	East	13.5	2,584	0.84	69.0	С
3rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,665	0.90	44.2	С
E 52nd Street between Lexington Avenue and 3rd Avenue	South	7.5	2,102	0.89	49.0	С
E 321td Street between Lexington Avenue and 3rd Avenue	North	7.5	1,427	0.88	72.3	С
3rd Avenue between E 52nd Street and E 53rd Street	East	6	1,991	0.92	42.8	С
ora Arrendo Delween E ozna Sireet and E Jora Street	West	9	2,300	0.88	53.6	С
3rd Avenue between E 53rd Street and E 54th Street	West	7.5	2,382	0.93	45.1	С
3rd Avenue between E 55th Street and 56th Street	West	9	1,364	0.77	80.2	С
E 42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	2,637	0.88	54.5	С
2nd Avenue between E 42nd Street and E 43rd Street	West	7	1,620	0.95	64.0	С
E 43rd Street between 3rd Avenue and 2nd Avenue	South	16.5	1,159	0.80	181.2	В
Note: SFP = square feet per pedestrian; Shading denotes a significant adver	se impact					

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday PM Peak F	lour				
W 42nd Street between 5th Avenue and 6th Avenue	North	13	4,299	0.95	44.2	С
E 39th Street between 5th Avenue and Madison Avenue	North	5	1,238	0.88	55.2	С
	South	5.5	1,904	0.93	41.1	С
E 40th Street between 5th Avenue and Madison Avenue	North	9	1,950	0.95	68.6	С
Madison Avenue between E 40th Street and E 41st Street	West	13	2,793	0.97	70.5	С
E 41st Street between 5th Avenue and Madison Avenue	South	6	1,402	0.96	64.2	С
E 43rd Street between 5th Avenue and Madison Avenue	North	4	2,828	0.87	16.8	E
	South	5.5	1,640	0.89	46.0	С
E 44th Street between 5th Avenue and Madison Avenue	North	4.5	2,066	0.94	30.8	D
Madison Avenue between E 44th Street and E 45th Street	West	11	2,460	0.96	67.4	С
	South	5.5	2,035	0.90	37.2	D
E 45th Street between 5th Avenue and Madison Avenue	North	4.5	2,020	0.94	31.4	D
E 46th Street between 5th Avenue and Madison Avenue	South	4	1,590	0.95	10.6	F
FOod Charakhakusan Fili Assausa and Madisan Assausa	South	5.5	1,420	0.92	55.5	С
53rd Street between 5th Avenue and Madison Avenue	North	19.5	1,124	0.86	236.3	В
Vanderbilt Avenue between E 43rd Street and E 44th Street	East	4	1,576	0.90	34.6	D
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	2,233	0.86	18.7	E
Vanderbilt Avenue between E 44th Street and E 45th Street	East	9.5	2,758	0.93	49.4	С
Park Avenue between E 40th Street and E 41st Street	East	12	2,321	0.84	68.4	С
Fair Avenue between L 40th Street and L 41st Street	West	9	3,159	0.91	39.6	D
Park Avenue between E 46th Street and E 47th Street	West	7	1,555	0.92	64.9	С
Park Avenue between E 49th Street and E 50th Street	West	7	1,974	0.91	50.0	С
E 40th Street between Lexington Avenue and 3rd Avenue	North	8	910	0.90	124.5	В
E 41st Street between Lexington Avenue and 3rd Avenue	South	7.5	847	0.87	121.7	В
E 42nd Street between Lexington Avenue and 3rd Avenue	North	9	3,791	0.95	34.1	D
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	4,873	0.91	16.4	E
Lexington Avenue between E 43rd Street and E 44th Street	East	10	3,192	0.95	45.9	С
Zomingion Trondo Bottoon E Total Officer and E Transcrete	West	7	6,412	1.00	14.1	E
E 42rd Street between Levington Avenue and 2rd Avenue	North	7.5	1,479	0.94	74.5	С
E 43rd Street between Lexington Avenue and 3rd Avenue	South	7.5	1,873	0.89	55.4	С
Note: SFP = square feet per pedestrian; Shading denotes a significant adv	erse impact					

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	LOS
	Weekday PM Peak	Hour				
exington Avenue between E 44th Street and E 45th Street	East	4.5	2,641	0.91	22.3	E
exingion Avenue between E 44th Street and E 45th Street	West	5	3,685	0.93	17.4	E
44th Street between Lexington Avenue and 3rd Avenue	North	5.5	1,037	0.91	75.7	С
Thir offeet between Leanington Twende and old Twende	South	12	2,273	0.92	75.9	С
exington Avenue between E 45th Street and E 46th Street	East	6	2,666	0.98	33.2	D
oxington/worlde between 2 four offset and 2 four offset	West	9	2,789	0.95	47.7	С
exington Avenue between E 46th Street and E 47th Street	East	13	2,409	0.84	71.5	С
omigion rishas bothoon 2 roth strock and 2 rrin strock	West	5.5	1,342	0.71	44.9	С
46th Street between Lexington Avenue and 3rd Avenue	North	5	965	0.89	72.1	С
exington Avenue between E 47th Street and E 48th Street	East	4.5	1,873	0.88	31.8	D
47th Street between Lexington Avenue and 3rd Avenue	South	4	847	0.96	71.0	С
exington Avenue between E 48th Street and E 49th Street	East	3	2,557	0.82	11.6	E
exiligion Avenue between E 40th Street and E 47th Street	West	13	1,160	0.89	157.2	В
48th Street between Park Avenue and Lexington Avenue	North	6.5	1,801	0.95	53.5	С
avington Avanua between E 40th Ctreet and E 50th Ctreet	East	11	3,035	0.91	51.2	С
exington Avenue between E 49th Street and E 50th Street	West	5	1,695	0.76	33.9	D
49th Street between Lexington Avenue and 3rd Avenue	North	6	740	0.86	109.8	В
49th Street between Park Avenue and Lexington Avenue	South	6	636	0.92	136.9	В
avington Avanua between E-FAth Ctreet and E-F1et Ctreet	East	6	3,484	0.89	34.2	D
exington Avenue between E 50th Street and E 51st Street	West	5	2,581	0.92	30.8	D
FOth Ctreet between Levington Avenue and 2rd Avenue	North	5	948	0.90	74.6	С
50th Street between Lexington Avenue and 3rd Avenue	South	5.5	695	0.89	78.2	С
avington Avanua batusan F E1st Street and F E2nd Street	East	5	3,045	0.96	20.1	E
exington Avenue between E 51st Street and E 52nd Street	West	10.5	2,261	0.95	69.4	С
exington Avenue between E 59th Street and E 60th Street	West	10.5	1,832	0.91	82.2	С
51st Street between Lexington Avenue and 3rd Avenue	North	3.5	1,410	0.93	35.0	D
rd Avenue between E 42nd Street and E 43rd Street	East	7.5	2,660	0.95	41.4	С
rd Avenue between E 43rd Street and E 44th Street	East	8.5	3,391	0.92	34.9	D
rd Avenue between E 44th Street and E 45th Street	East	13.5	2,498	0.94	79.5	С
rd Avenue between E 51st Street and E 52nd Street	West	8.5	2,840	0.89	41.0	С
52nd Street between Lexington Avenue and 3rd Avenue	South	7.5	820	0.80	115.5	В
SENS SESSE BORROOM EDANINGROWTH WORLD GIRLD ON THE FIRE	North	7.5	1,097	0.92	99.1	В
ord Avenue between E 52nd Street and E 53rd Street	East	6	3,088	0.97	28.0	D
18 / Walled Sallison E Szind Groot and E Sold Groot	West	9	2,375	0.93	54.6	С
rd Avenue between E 53rd Street and E 54th Street	West	7.5	2,167	0.91	48.9	С
rd Avenue between E 55th Street and 56th Street	West	9	1,464	0.77	74.7	С
42nd Street between 3rd Avenue and 2nd Avenue	North	10.5	3,148	0.85	44.0	С
and Avenue between E 42nd Street and E 43rd Street	West	7	1,292	0.95	80.7	С
43rd Street between 3rd Avenue and 2nd Avenue	South	16.5	1,145	0.94	214.1	В

			ekday eak Hour	Week Midday Po			kday ak Hour
Location	Corner	SFP	LOS	SFP	LOS	SFP	LOS
	Northeast	75.7	А	106.8	А	63.7	А
5th Avenue and 42nd Street	Southeast	80.0	А	120.3	А	61.6	А
Sill Avenue and 42hd Sileet	Southwest	53.7	В	94.1	А	48.0	В
	Northwest	62.7	А	117.5	А	58.2	В
	Northeast	35.5	С	36.0	С	20.6	D
5th Avenue and 43rd Street	Southeast	31.3	С	34.9	С	24.5	С
Stil Avenue and 45id Street	Southwest	38.7	С	36.5	С	26.1	С
	Northwest	35.4	С	32.8	С	16.8	D
	Northwest	46.8	В	36.0	С	22.4	D
5th Avenue and 44th Street	Southeast	38.2	С	34.7	С	26.8	С
	Southwest	50.7	В	37.5	С	31.8	С
5th Avenue and 45th Street	Southeast	42.2	В	33.5	С	31.1	С
M II A 15 4011 Ct 1	Southwest	60.4	А	52.3	В	73.8	А
Madison Avenue and E 40th Street	Northwest	35.2	С	33.9	С	42.7	В
M	Southwest	41.3	В	23.8	D	33.5	С
Madison Avenue and E 41st Street	Northwest	64.7	А	52.6	В	59.9	В
Madison Avenue and E 42nd Street	Northeast	12.4	E	25.8	С	14.3	Е
	Southwest	116.6	А	165.6	А	102.1	А
	Northwest	25.8	С	41.8	В	22.6	D
	Northeast	4.4	F	13.2	Е	9.8	Е
Madison Avenue and E 43rd Street	Southwest	18.6	D	23.5	D	16.3	D
	Northwest	79.8	А	92.5	А	53.8	В
M. F. A. J. F. A. H. C. J.	Southwest	93.2	А	75.7	А	70.5	А
Madison Avenue and E 44th Street	Northwest	70.9	А	70.4	А	57.8	В
	Northeast	23.9	D	25.0	С	18.4	D
M ! A	Southeast	25.0	С	28.3	С	19.7	D
Madison Avenue and E 45th Street	Southwest	33.8	С	26.5	С	21.6	D
	Northwest	110.5	А	100.6	А	96.9	А
Madison Avenue and E 46th Street	Southwest	104.0	А	83.3	А	98.5	А
M. F. A	Southwest	40.0	С	47.6	В	43.8	В
Madison Avenue and E 53rd Street	Northwest	161.7	А	212.1	А	190.6	А
Vanderbilt Avenue and E 43rd Street	Northwest	UNSIG	NALIZED	UNSIGN	ALIZED	UNSIGN	NALIZED
DIA NULL SECTIONS	Northeast	Pl	laza	Pla	za	Pla	aza
Park Avenue Northbound and E 41st Street	Southeast	71.1	А	96.5	А	62.4	А
B. I. B. W	Southwest	40.1	В	54.6	В	48.5	В
Park Avenue Southbound and E 46th Street	Northwest	53.5	В	52.8	В	42.7	В

			ekday eak Hour		kday Peak Hour	Weekday PM Peak Hour		
Location	Corner	SFP	LOS	SFP	LOS	SFP	LO:	
Park Avenue Southbound and E 47th Street	Southwest	68.8	Α	68.8	А	74.0	А	
Park Avenue Southbound and E 48th Street	Northwest	79.0	Α	80.0	А	81.5	А	
Park Avenue Northbound and E 48th Street	Northeast	35.8	С	51.5	В	42.2	В	
Park Avenue Southbound and E 49th Street	Southwest	69.3	Α	95.9	Α	71.6	А	
Fair Avenue Southbound and E 47th Street	Northwest	14.4	E	33.4	С	28.5	С	
Park Avenue Northbound and E 49th Street	Northeast	25.5	С	31.6	С	28.2	С	
Tark Avenue Northbound and E 47th Street	Southeast	64.6	А	63.7	А	49.7	В	
Park Avenue Southbound and E 50th Street	Southwest	24.4	С	32.1	С	23.2	D	
Tark Avenue Southbourna and E south Street	Northwest	67.0	А	87.9	Α	73.7	А	
Lexington Avenue and E 41st Street	Southeast	Share	ed Street	Shared	d Street	Shared	d Street	
Learnigton Avenue and E 413t Street	Southwest	Share	ed Street	Shared	d Street	Shared	d Street	
	Northeast	26.2	С	32.4	С	14.5	E	
Lexington Avenue and E 42nd Street	Southeast	15.4	D	33.5	С	19.5	D	
Econogical Avenue and E 42110 Street	Southwest	17.0	D	32.3	С	15.2	D	
	Northwest	10.6	E	28.8	С	18.6	D	
Lexington Avenue and E 43rd Street	Northeast	69.3	А	62.5	А	56.9	В	
Lexington Avenue and E 4310 Street	Southeast	43.4	В	42.5	В	26.5	С	
Lexington Avenue and E 44th Street	Northeast	24.1	С	27.0	С	27.7	С	
Lexiligion Avenue and E 44th Sheet	Southeast	57.3	В	68.0	А	64.1	А	
	Northeast	70.3	А	46.0	В	75.3	А	
Lexington Avenue and E 45th Street	Southeast	32.6	С	25.1	С	39.4	С	
	Southwest	25.8	С	24.0	С	31.1	С	
	Northwest	54.0	В	39.4	С	46.4	В	
	Northeast	44.8	В	31.5	С	33.4	С	
Lexington Avenue and E 46th Street	Southeast	67.2	А	47.9	В	62.8	А	
Lexington Avenue and L 40th Street	Southwest	26.1	С	25.2	С	31.9	С	
	Northwest	45.8	В	41.5	В	41.6	В	
	Northeast	107.6	А	73.4	А	109.9	Α	
Lexington Avenue and E 47th Street	Southeast	102.7	А	78.2	А	82.4	А	
Leadington Avenue and E 47th Sheet	Southwest	32.8	С	24.6	С	36.9	С	
	Northwest	33.8	С	20.7	D	38.3	С	
	Northeast	31.2	С	36.6	С	25.7	С	
Lexington Avenue and E 48th Street	Southeast	58.7	В	57.4	В	47.7	В	
Econogion Avenue and E 40th Street	Southwest	30.7	С	37.2	С	42.7	В	
	Northwest	63.8	А	100.0	А	73.7	А	
	Northeast	87.0	А	117.6	А	77.5	А	
Lexington Avenue and E 49th Street	Southeast	55.4	В	62.7	А	45.4	В	
LEANINGTON AVENUE AND E 49TH SHEET	Southwest	66.5	А	77.1	А	49.7	В	
	Northwest	21.5	D	44.6	В	26.0	С	
	Northeast	15.1	D	18.4	D	18.5	D	
Loyington Avonus and E Eath Street	Southeast	67.2	А	81.3	А	62.7	А	
Lexington Avenue and E 50th Street	Southwest	10.4	Е	25.4	С	8.4	Е	
	Northwest	25.3	С	52.1	В	31.8	С	

			ekday eak Hour	Weel Midday P			kday ak Hour
Location	Corner	SFP	LOS	SFP	LOS	SFP	LO
	Northeast	40.1	В	73.0	А	47.7	В
Lexington Avenue and E 51st Street	Southeast	49.1	В	53.1	В	49.1	В
Lexington Avenue and E 31st Street	Southwest	42.3	В	32.8	С	58.2	В
	Northwest	41.2	В	51.6	В	53.6	В
	Northeast	110.4	А	130.3	А	138.0	А
Lexington Avenue and E 52nd Street	Southeast	74.7	Α	70.5	А	89.5	А
3	Southwest	58.7	В	44.0	В	62.7	A
	Northwest	420.4	А	428.3	А	493.3	A
Lexington Avenue and E 53rd Street	Southeast	242.5	А	165.9	A	205.5	A
	Northeast	62.7	А	64.4	A	43.1	В
3rd Avenue and E 42nd Street	Southeast	35.5	С	54.5	В	25.9	С
	Southwest	24.5	С	53.7	В	37.4	С
	Northwest	69.5	A	90.2	A	84.5	A
	Northeast	53.8	В	48.3	В	45.6	В
3rd Avenue and E 43rd Street	Southeast	33.1	С	43.2	В	36.8	С
	Southwest	21.6	D	22.3	D	28.7	С
	Northwest	22.3	D	17.2	D	18.0	D
3rd Avenue and E 44th Street	Northeast	53.5	B B	63.5	A	47.6 56.5	B B
	Southeast Northeast	72.3	A	68.8 54.4	A B	68.9	A
3rd Avenue and E 45th Street	Southeast	55.1	В	49.9	В	63.8	A
3rd Avenue and E 48th Street	Northwest	161.6	A	161.0	B	136.5	A
Sid Avenue and E 40th Silect	Southwest	365.5	A	311.8	A	280.8	A
3rd Avenue and E 49th Street	Northwest	442.1	A	371.8	A	329.0	A
3rd Avenue and E 51st Street	Northwest	40.8	В	53.4	В	46.3	В
	Northeast	110.6	А	128.6	A	121.4	A
3rd Avenue and E 52nd Street	Southwest	112.1	А	83.9	А	111.0	А
	Northwest	65.0	А	55.1	В	63.8	А
	Southeast	76.7	А	67.0	А	75.8	А
3rd Avenue and E 53rd Street	Southwest	51.1	В	34.5	С	43.0	В
	Northwest	80.8	А	69.7	А	80.0	А
3rd Avenue and E 54th Street	Southwest	172.0	А	156.3	А	151.5	А
Sid Avenue and E 34th Silect	Northwest	358.6	А	292.2	А	299.1	Α
3rd Avenue and E 55th Street	Southwest	82.8	А	62.6	А	77.7	Α
	Northwest	194.7	А	149.5	А	168.7	Α
3rd Avenue and E 56th Street	Southwest	115.1	А	79.1	Α	121.2	А
	Northeast	85.4	А	35.9	С	56.0	В
2nd Avenue and E 42nd Street	Southwest	6.0	F	16.0	D	14.3	Е
	Northwest	114.0	А	70.8	А	93.8	А
	Southeast	51.9	В	38.9	С	62.5	А
2nd Avenue and E 43rd Street	Southwest	44.7	В	26.8	С	48.7	В
	Northwest	57.8	В	31.4	С	46.6	В

					•
Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
			70141110	0	200
1		1	2 /170	17.3	D
		1			D
+		1			D
		+			F
		†			E
		+ +			E
	49	+			E
South	54	14.5		21.8	D
West	35	14.5	1,046	29.7	С
North		1		UNSIGN/	ALIZED
		 		14.6	Е
West	24	14	2,526	10.7	Е
North	51	20	2,786	13.4	Е
East	60	13	1,969	21.3	D
West	60	15	2,228	18.0	D
East	34	14	1,815	29.9	С
South	34	13.5	1,183	12.3	Е
East	37	14	2,575	42.4	В
East	30	15.5	1,739	22.0	D
West	29	10.5	2,107	11.4	Е
East	26	14	1,996	18.4	D
West	26	14	1,996	18.4	D
East	22	10	1,347	17.1	D
South	46.5	14.5	780	14.4	Е
North	50.5	13.5	853	35.4	С
East	34	12	1,390	23.6	D
West	24	12	1,542	13.9	E
East	30	12	1,725	19.1	D
South	45	14	545	43.9	В
West	30	10.5	1,649	13.6	Е
North	51.5	12	1,447	17.1	D
East	34	12	1,799	16.8	D
West	28	16	2,566	15.1	D
North	45	14	1,954	12.1	E
East	29.5	15	1,862	18.3	D
West	28	18	1,677	26.4	С
North	63.5	20	1,581	6.5	F
East	59	18	1,197	22.1	D
South	70	20	2,724	16.0	D
West	59	15	1,187	18.7	D
East	28	15	2,910	11.1	E
South	55.5	15.5	2,031	15.6	D
East		15.5		7.3	F
West	35	12.5	1,295	19.4	D -
		†			E
West				-	В
+		1			В
<u> </u>		20	1,227	49.9	В
	North East West North West South North South West West West West East South East West East South North East West East South North East West East South North East West East South North East South North East South West East South West East South West East South West East South West East South West East South West East South West East South West North East West North East West North East West North East West North East West North East West North East West North East West North East West North East West North East West North East West North East West West West West West West	North 55 East 34 West 34 North 48 West 27.5 South 54 North 49 South 54 West 35 North 54 West 30.5 West 24 North 51 East 60 West 60 East 34 South 34 South 34 East 30 West 29 East 26 East 22 South 46.5 North 50.5 East 34 West 24 East 30 South 45 West 24 East 30 North 51.5 East 34 West 28	East 34 20 West 34 16 North 48 13 West 27.5 12 South 54 13 North 49 15 South 54 14.5 West 35 14.5 Worth 33.5 13.5 West 30.5 14 West 24 14 North 51 20 East 60 13 West 60 15 East 34 14 South 34 13.5 East 37 14 East 30 15.5 West 29 10.5 East 30 15.5 West 29 10.5 East 30 15.5 West 29 10.5 East 36 14 West 26 14 </td <td> North</td> <td> North</td>	North	North

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Location		1 1		Volume	311	203
File Account and 42ml Charact		ay Midday Peak Ho		1.450	20.0	
5th Avenue and 42nd Street	North	55	25	1,459	38.8	С
5th Avenue and 43rd Street Madison Avenue and E 41st Street	East West	34 34	20 16	3,183	20.6 14.6	D E
Wadisoff Averide and E 41St Street	North	48	13	2,700	14.8	E
Madison Avenue and E 43rd Street	West	27.5	12	1,375 2,105	14.0	E
Madison Avenue and E 45th Street	South	54	13	2,132	11.1	E
wadison Avenue and E 45th Sheet	North	49	15	1,282	23.3	D
Madison Avenue and E 53rd Street	South	54	14.5	1,117	27.7	С
wadison Avenue and E 33rd Street	West	35	14.5	1,429	27.0	С
Vanderbilt Avenue and E 43rd Street	North	33.5	13.5	443	UNSIGNA	
Park Avenue Southbound and E 46th Street	West	30.5	14	1,586	24.2	С
Park Avenue Southbound and E 50th Street	West	24	14	2,049	16.5	D
Tark Avenue Southbourna and E Sout Street	North	51	20	2,107	24.4	С
Lexington Avenue and E 42nd Street	East	60	13	1,955	22.0	D
Zomigion / Normal and Z 12nd Guest	West	60	15	1,444	35.2	С
	East	34	14	1,958	29.4	С
Lexington Avenue and E 43rd Street	South	34	13.5	1,341	14.0	E
Lexington Avenue and E 44th Street	East	37	14	2,388	53.8	В
Losangton / Nortal and E / National	East	30	15.5	1,959	26.4	С
Lexington Avenue and E 45th Street	West	29	10.5	1,437	17.0	D
	East	26	14	2,331	14.8	E
Lexington Avenue and E 46th Street	West	26	14	2,176	20.4	D
	East	22	10	1,826	13.2	E
Lexington Avenue and E 47th Street	South	46.5	14.5	919	4.5	F
	North	50.5	13.5	737	42.1	В
Lexington Avenue and E 48th Street	East	34	12	1,316	28.4	С
3	West	24	12	1,394	22.8	D
	East	30	12	1,381	29.6	С
Lexington Avenue and E 49th Street	South	45	14	781	36.4	С
3	West	30	10.5	1,220	25.7	С
	North	51.5	12	1,123	23.9	D
Lexington Avenue and E 50th Street	East	34	12	2,025	16.4	D
	West	28	16	1,413	36.0	С
Lexington Avenue and E 51st Street	North	45	14	1,348	27.5	С
1550 161 1	East	29.5	15	1,533	27.0	С
Lexington Avenue and E 52nd Street	West	28	18	1,856	25.8	С
	North	63.5	20	1,494	9.0	E
Ord Avenue and E 42nd Ctt	East	59	18	1,011	38.2	С
3rd Avenue and E 42nd Street	South	70	20	1,922	31.2	С
	West	59	15	1,162	24.6	С
2rd Avanua and E 42rd Street	East	28	15	2,433	14.7	E
3rd Avenue and E 43rd Street	South	55.5	15.5	1,735	20.3	D
3rd Avenue and E 44th Street	East	29	15.5	1,906	15.9	D
3rd Avenue and E 52nd Street	West	35	12.5	1,367	22.0	D
3rd Avenue and E 53rd Street	West	29.5	13.5	2,079	11.8	E
3rd Avenue and E 54th Street	West	27	16	869	48.5	В
3rd Avenue and E 55th Street	West	28	11.5	618	44.8	В
2nd Avenue and E 42nd Street	West	60	20	1,226	47.7	В
Note: SFP = square feet per pedestrian; Shading der	notes a significant advers	e impact			•	-

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
	Week	day PM Peak Hou	r			
oth Avenue and 42nd Street	North	55	25	2,911	18.2	D
oth Avenue and 43rd Street	East	34	20	3,762	14.4	Е
Madison Avenue and E 41st Street	West	34	16	2,750	19.4	D
Madison Avenue and E 43rd Street	North	48	13	2,515	7.4	F
radison Avenue and E 43rd Street	West	27.5	12	2,566	10.0	Е
Madison Avenue and E 45th Street	South	54	13	2,833	8.5	E
	North	49	15	1,469	20.5	D
Madison Avenue and E 53rd Street	South	54	14.5	1,430	20.9	D
	West	35	14.5	1,444	26.6	С
/anderbilt Avenue and E 43rd Street	North	33.5	13.5	936	UNSIGNA	ALIZED
Park Avenue Southbound and E 46th Street	West	30.5	14	2,374	13.5	Е
Park Avenue Southbound and E 50th Street	West	24	14	2,311	14.0	Е
	North	51	20	3,375	12.2	Е
exington Avenue and E 42nd Street	East	60	13	1,956	18.8	D
	West	60	15	2,002	20.0	D
exington Avenue and E 43rd Street	East	34	14	2,122	22.9	D
	South	34	13.5	1,814	8.1	E
exington Avenue and E 44th Street	East	37	14	2,125	55.9	В
exington Avenue and E 45th Street	East	30	15.5	1,595	30.8	С
	West	29	10.5	2,149	11.5	E
exington Avenue and E 46th Street	East	26	14	2,043	16.9	D
	West	26	14	2,018	19.8	D
exington Avenue and E 47th Street	East	22	10	1,458	16.2	D
	South	46.5	14.5	834	9.6	E
	North	50.5	13.5	1,086	29.8	С
exington Avenue and E 48th Street	East	34	12	1,581	19.8	D
	West	24	12	1,447	21.4	D
	East	30	12	1,939	16.5	D
exington Avenue and E 49th Street	South	45	14	629	39.0	С
	West	30	10.5	2,121	11.8	E
	North	51.5	12	1,275	23.5	D
exington Avenue and E 50th Street	East	34	12	1,895	16.5	D
	West	28	16	2,669	15.3	D
exington Avenue and E 51st Street	North	45	14	1,872	16.3	D
exington Avenue and E 52nd Street	East	29.5	15	1,735	21.5	D
	West	28	18	1,848	27.5	С
	North	63.5	20	1,949	6.5	F
rd Avenue and E 42nd Street	East	59	18	1,305	24.1	C
	South	70	20	3,211	14.2	E
	West	59	15	1,190	22.8	D
rd Avenue and E 43rd Street	East	28	15	2,808	12.7	E
	South	55.5	15.5	1,627	19.4	D
rd Avenue and E 44th Street	East	29	15.5	2,943	10.3	E
rd Avenue and E 52nd Street	West	35	12.5	1,500	21.1	D
rd Avenue and E 53rd Street	West	29.5	13.5	1,748	14.9	E
rd Avenue and E 54th Street	West	27	16	872	45.4	В
rd Avenue and E 55th Street	West	28	11.5	554	35.5	С
nd Avenue and E 42nd Street	West	60	20	1,079	43.4	В

Appendix F.17

Pedestrian LOS Tables (Sidewalks, Corners, Crosswalks) for Proposed Action with PRI Condition and Mitigation

THIS APPENDIX IS NEW FOR THE FEIS



Pedestrian LOS Tables for Proposed Action with PRI Condition and Mitigation: Sidewalk Conditions

		N	lo Action		Action wit	h Improve	ements	Action	n With Im	provemer	nts and Mitigation			
Intersection	Sidewalk	Effective Width	SFP	LOS	Effective Width	SFP	LOS	Effective Width	SFP	LOS	Mitigation Measures			
	Weekday AM Peak Hour													
E 43rd Street between 5th Avenue and Madison Avenue	North	4	27.0	D	4	23.2	D	4	23.2	D	Unmitigated			
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	33.7	D	3.5	25.3	D	3.5	25.3	D	Unmitigated			
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	30.5	D	6.5	22.3	Е	6.5	22.3	E	Unmitigated			
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	23.5	D	4.5	20.6	Е	4.5	20.6	E	Unmitigated			
Lexington Avenue between E 44th Street and E 45th Street	West	5	24.9	D	5	21.2	Е	5	21.2	E	Unmitigated			
Lexington Avenue between E 45th Street and E 46th Street	East	6	35.6	D	6	31.8	D	6	31.8	D	Unmitigated			
Lexington Avenue between E 48th Street and E 49th Street	East	3	26.5	D	3	18.8	Е	3	18.8	E	Unmitigated			
Lexington Avenue between E 51st Street and E 52nd Street	East	5	124.5	В	5	17.1	Е	5	17.1	Е	Unmitigated			
Weekday MD Peak Hour														
E 43rd Street between 5th Avenue and Madison Avenue	North	4	38.4	D	4	31.8	D	4	31.8	D	Unmitigated			
E 46th Street between 5th Avenue and Madison Avenue	South	4	27.6	D	4	23.9	D	4	24.4	D	Unmitigated			
Lexington Avenue between E 48th Street and E 49th Street	East	3	30.7	D	3	25.9	D	3	25.9	D	Unmitigated			
			Weekday	PM Peak	Hour									
E 43rd Street between 5th Avenue and Madison Avenue	North	4	19.9	Е	4	16.8	Е	4	16.8	E	Unmitigated			
E 45th Street between 5th Avenue and Madison Avenue	North	4.5	34.8	D	4.5	31.4	D	4.5	31.4	D	Unmitigated			
E 46th Street between 5th Avenue and Madison Avenue	South	4	13.2	E	4	10.6	F	4	37.2	D	Unmitigated			
E 43rd Street between Madison Avenue and Vanderbilt Avenue	North	3.5	24.4	D	3.5	18.7	Е	3.5	18.7	E	Unmitigated			
Lexington Avenue between E 42nd Street and E 43rd Street	West	6.5	23.0	Е	6.5	16.4	E	6.5	16.4	E	Unmitigated			
Lexington Avenue between E 44th Street and E 45th Street	East	4.5	26.4	D	4.5	22.3	E	4.5	22.3	E	Unmitigated			
Lexington Avenue between E 44th Street and E 45th Street	West	5	20.7	E	5	17.4	E	5	17.4	Е	Unmitigated			
Lexington Avenue between E 45th Street and E 46th Street	East	6	38.9	D	6	33.2	D	6	33.2	D	Unmitigated			
Lexington Avenue between E 48th Street and E 49th Street	East	3	17.0	E	3	11.6	E	3	11.6	Е	Unmitigated			
Lexington Avenue between E 51st Street and E 52nd Street	East	5	23.3	D	5	20.1	Е	5	20.1	E	Unmitigated			

Pedestrian LOS Tables for Proposed Action with PRI Condition and Mitigation: Corner Conditions

		No A	Action	Action with I	mprovements	Action W	ith Improve	ments and Mitigation
Intersection	Corner	SFP	LOS	SFP	LOS	SFP	LOS	Mitigation Measures
	•		Weekday	AM Peak Hour			•	
Madison Avenue and E 43rd Street	Northeast	8.2	E	4.4	F	4.4	F	Unmitigated
Madison Avenue and E 43rd Street	Southwest	22.0	D	18.6	D	18.6	D	Unmitigated
Park Avenue Southbound and E 49th Street	Northwest	16.6	D	14.4	E	14.4	E	Unmitigated
Lexington Avenue and E 42nd Street	Southwest	19.3	D	17.0	D	17.0	D	Unmitigated
Lexington Avenue and E 42nd Street	Northwest	16.6	D	10.6	E	10.6	E	Unmitigated
Lexington Avenue and E 50th Street	Southwest	17.9	D	10.4	E	10.4	E	Unmitigated
2nd Avenue and E 42nd Street	Southwest	7.9	F	6.0	F	8.8	E	Remove 2 garbage bins
			Weekday M	lidday Peak Hou	r			
Madison Avenue and E 43rd Street	Northeast	15.6	D	13.2	Е	13.2	E	Unmitigated
2nd Avenue and E 42nd Street	Southwest	21.4	D	16.0	D	19.2	D	Partially mitigated by removing 2 garbage bins
	•		Weekday	PM Peak Hour			•	
Madison Avenue and E 42nd Street	Northeast	15.7	D	14.3	E	14.3	Е	Unmitigated
Madison Avenue and E 43rd Street	Northeast	11.4	Е	9.8	E	9.8	Е	Unmitigated
Madison Avenue and E 43rd Street	Southwest	18.0	D	16.3	D	16.3	D	Unmitigated
Lexington Avenue and E 42nd Street	Northeast	22.6	D	14.5	Е	14.5	E	Unmitigated
Lexington Avenue and E 42nd Street	Southwest	17.9	D	15.2	D	15.2	D	Unmitigated
Lexington Avenue and E 42nd Street	Northwest	23.6	D	18.6	D	18.6	D	Unmitigated
Lexington Avenue and E 50th Street	Southwest	24.9	С	8.4	Е	8.8	E	Unmitigated
2nd Avenue and E 42nd Street	Southwest	16.4	D	14.3	E	16.4	D	Remove 2 garbage bins

Pedestrian LOS Tables for Proposed Action with PRI Condition and Mitigation: Crosswalk Conditions

			No Action	1	Action w	ith Impro	vements			Actio	n With Improvements and Mitigation
Intersection	Crosswalk	Width	SFP	LOS	Width	SFP	LOS	Width	SFP	LOS	Mitigation Measures
					Wee	kday AM	Peak Hou	r			
5th Avenue and 42nd Street	North	25	19.2	D	25	17.3	D	25	18.1	D	Walk time increased by 1 second
Madison Avenue and E 43rd Street	North	13	11.1	E	13	8.6	F	13	7.6	F	Unmitigated
Madison Avenue and E 43rd Street	West	12	20.6	D	12	16.1	E	12	14.3	E	Unmitigated
Madison Avenue and E 45th Street	South	13	17.7	D	13	11.5	E	13	11.5	E	Unmitigated
Madison Avenue and E 53rd Street	North	15	20.6	D	15	12.9	Е	15	12.9	E	Unmitigated
Park Avenue Southbound and E 46th Street	West	14	17.9	D	14	14.6	Е	14	14.6	Е	Unmitigated
Park Avenue Southbound and E 50th Street	West	14	13.9	Е	14	10.7	Е	14	10.7	E	Unmitigated
Lexington Avenue and E 42nd Street	North	20	18.4	D	20	13.4	Е	20	13.4	E	Unmitigated
Lexington Avenue and E 42nd Street	West	15	21.1	D	15	18.0	D	15	18.0	D	Unmitigated
Lexington Avenue and E 43rd Street	South	13.5	22.9	D	13.5	12.3	E	15	13.9	E	Partially mitigated by 1.5 foot widening to address midday impact
Lexington Avenue and E 45th Street	West	10.5	18.0	D	10.5	11.4	Е	10.5	12.9	Е	Partially mitigated by 4 second increase in walk time as per traffic mitigation
Lexington Avenue and E 46th Street	East	14	25.3	С	14	18.4	D	14	19.5	D	Walk time increased by 2 seconds
Lexington Avenue and E 46th Street	West	14	26.5	С	14	18.4	D	14	19.5	D	Walk time increased by 2 seconds
Lexington Avenue and E 47th Street	East	10	24.7	С	10	17.1	D	12	21.4	D	Widen crosswalk by 2 feet
Lexington Avenue and E 47th Street	South	14.5	25.0	С	14.5	14.4	E	14.5	14.4	E	Unmitigated
Lexington Avenue and E 48th Street	West	12	18.3	D	12	13.9	E	12	13.9	Е	Unmitigated
Lexington Avenue and E 49th Street	East	12	34.4	С	12	19.1	D	12	19.1	D	Unmitigated
Lexington Avenue and E 49th Street	West	10.5	31.6	С	10.5	13.6	E	10.5	13.6	Е	Unmitigated
Lexington Avenue and E 50th Street	West	16	22.2	D	16	15.1	D	16	15.1	D	Unmitigated
Lexington Avenue and E 51st Street	North	14	14.4	Е	14	12.1	E	14	11.7	Е	Walk time decreased by 1 second as per traffic mitigation measures
Lexington Avenue and E 52nd Street	East	15	24.1	С	15	18.3	D	15	18.3	D	Unmitigated
3rd Avenue and E 42nd Street	North	20	17.3	D	20	6.5	F	20	6.5	F	Unmitigated
3rd Avenue and E 42nd Street	South	20	19.9	D	20	16.0	D	20	16.0	D	Unmitigated
3rd Avenue and E 42nd Street	West	15	28.7	С	15	18.7	D	15	18.7	D	Unmitigated
3rd Avenue and E 43rd Street	East	15	16.6	D	15	11.1	E	15	11.1	Е	Unmitigated
3rd Avenue and E 43rd Street	South	15.5	20.3	D	15.5	15.6	D	15.5	15.6	D	Unmitigated
3rd Avenue and E 44th Street	East	15.5	14.7	E	15.5	7.3	F	15.5	8.3	E	Partially mitigated by 3 second increase in walk time as per air quality mitigation measures
3rd Avenue and E 52nd Street	West	12.5	38.6	С	12.5	19.4	D	12.5	22.1	D	Walk time increased by 4 seconds as per traffic mitigation measures
3rd Avenue and E 53rd Street	West	13.5	21.7	D	13.5	14.6	E	13.5	16.5	D	Partially mitigated by 3 second increase in walk time as per air quality mitigation measures

Pedestrian LOS Tables for Proposed Action with PRI Condition and Mitigation: Crosswalk Conditions

			No Action	1	Action w	ith Impro	vements			Actio	n With Improvements and Mitigation		
Intersection	Crosswalk	Width	SFP	LOS	Width	SFP	LOS	Width	SFP	LOS	Mitigation Measures		
	Weekday MD Peak Hour												
Madison Avenue and E 43rd Street	North	13	19.5	D	13	14.8	E	13	14.8	E	Unmitigated		
Madison Avenue and E 43rd Street	West	12	19.5	D	12	14.7	Е	12	14.7	E	Unmitigated		
Park Avenue Southbound and E 50th Street	West	14	20.5	D	14	16.5	D	14	16.5	D	Unmitigated		
Lexington Avenue and E 43rd Street	South	14	16.9	D	13.5	14.0	Е	15	15.8	D	Widen crosswalk by 1.5 feet		
Lexington Avenue and E 45th Street	West	10.5	21.3	D	10.5	17.0	D	10.5	17.0	D	Unmitigated		
Lexington Avenue and E 46th Street	East	14	18.6	D	14	14.8	E	14	14.8	E	Unmitigated		
Lexington Avenue and E 47th Street	East	10	17.2	D	10	13.2	E	12	16.6	D	Widen crosswalk by 2 feet		
Lexington Avenue and E 47th Street	South	14.5	14.1	E	14.5	4.5	F	14.5	10.4	E	Unmitigated		
3rd Avenue and E 42nd Street	North	20	13.0	Е	20	9.0	E	20	9.0	E	Unmitigated		
3rd Avenue and E 43rd Street	East	15	18.2	D	15	14.7	E	15	15.7	D	Partially mitigated by 2 second increase in walk time due to air quality mitigation measures		
3rd Avenue and E 44th Street	East	15.5	23.6	D	15.5	15.9	D	15.5	17.8	D	Partially mitigated by 3 second increase in walk time due to air quality mitigation measures		
3rd Avenue and E 53rd Street	West	13.5	16.4	D	13.5	11.8	E	13.5	11.8	E	Unmitigated		

Pedestrian LOS Tables for Proposed Action with PRI Condition and Mitigation: Crosswalk Conditions

		No Action			Action w	ith Impro	vements	Action With Improvements and Mitigation			
Intersection	Crosswalk	Width	SFP	LOS	Width	SFP	LOS	Width	SFP	LOS	Mitigation Measures
Weekday PM Peak Hour											
5th Avenue and 42nd Street	North	25	23.3	D	25	18.2	D	25	19.8	D	Walk time increased by 2 seconds
5th Avenue and 43rd Street	East	20	16.1	D	20	14.4	E	20.0	16.2	D	Walk time increased by 4 seconds as per traffic mitigation measures
Madison Avenue and E 41st Street	West	16	22.4	D	16.0	19.4	D	16.0	25.3	С	Crosswalk widened to 20' (adjacent to building line of Development Site 2)
Madison Avenue and E 43rd Street	North	13	10.8	E	13.0	7.4	F	13.0	7.4	F	Unmitigated
Madison Avenue and E 43rd Street	West	12	13.6	E	12	10.0	E	12	10.0	E	Unmitigated
Madison Avenue and E 45th Street	South	13	11.1	E	13	8.5	E	13	8.5	E	Unmitigated
Park Avenue Southbound and E 46th Street	West	14	16.9	D	14	13.5	E	14	13.5	E	Unmitigated
Park Avenue Southbound and E 50th Street	West	14	19.4	D	14	14.0	E	14	14.0	E	Unmitigated
Lexington Avenue and E 42nd Street	North	20	17.0	D	20	12.2	E	20	12.2	Е	Unmitigated
Lexington Avenue and E 42nd Street	East	13	21.5	D	13	18.8	D	13	18.8	D	Unmitigated
Lexington Avenue and E 43rd Street	South	13.5	13.8	E	13.5	8.1	E	15	9.2	E	Partially mitigated by 1.5 foot widening to address midday impact
Lexington Avenue and E 45th Street	West	10.5	19.0	D	10.5	11.5	Е	10.5	11.5	Е	Unmitigated
Lexington Avenue and E 46th Street	East	14	24.9	С	14	16.9	D	14	16.9	D	Unmitigated
Lexington Avenue and E 47th Street	East	10	25.7	С	10	16.2	D	12	20.3	D	Widen crosswalk by 2 feet
Lexington Avenue and E 47th Street	South	14.5	18.6	D	14.5	9.6	E	14.5	9.6	E	Unmitigated
Lexington Avenue and E 49th Street	East	12	30.6	С	12	16.5	D	12	16.5	D	Unmitigated
Lexington Avenue and E 49th Street	West	10.5	27.8	С	10.5	11.8	E	10.5	11.8	E	Unmitigated
Lexington Avenue and E 50th Street	West	16	27.7	С	16	15.3	D	16	15.3	D	Unmitigated
Lexington Avenue and E 51st Street	North	14	24.0	D	14	16.3	D	14	16.9	D	Partially mitigated by 1 second increase in walk time due to traffic mitigation measures
3rd Avenue and E 42nd Street	North	20	16.5	D	20	6.5	F	20	6.5	F	Unmitigated
3rd Avenue and E 42nd Street	South	20	17.2	D	20	14.2	Е	20	14.2	Е	Unmitigated
3rd Avenue and E 43rd Street	East	15	20.6	D	15	12.7	Е	15	14.0	Е	Partially mitigated by 3 second increase in walk time as per air quality mitigation measures
3rd Avenue and E 43rd Street	South	15.5	28.6	С	15.5	19.4	D	15.5	16.9	D	SFP worsened due to 3 second decrease in walk time as per air quality mitigation measures
3rd Avenue and E 44th Street	East	15.5	22.2	D	15.5	10.3	E	15.5	11.5	E	Partially mitigated by 3 second increase in walk time as per air quality mitigation measures
3rd Avenue and E 53rd Street	West	13.5	22.2	D	13.5	14.9	E	13.5	16.7	D	Partially mitigated by 3 second increase in walk time as per air quality mitigation measures