CENTRAL BUSINESS DISTRICT (CBD) TOLLING PROGRAM

Appendix 4B.4, Transportation:

Traffic LOS: CBD Tolling

Alternative

August 2022

				9A Study	y Area - No-Acti	on vs Action (N	o Mitigation)						
						Volume (vph)		V	/C	Delay (s	seconds)	LC	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	T	T	1874	1854	-20	0.71	0.71	19.2	19.0	В	В
		IND	TR	R	20	20	-	-	-	-	-	-	
	24th Street & 12th	SB	L	L	109	103	-6	0.96	0.91	133.8	121.2	F	F
1		ЭD	T	T	1765	1663	-102	0.60	0.57	16.4	15.7	В	В
A	Ave	WB	LR	LR	200	200	-	0.71	0.71	71.3	71.3	E	E
		VVD	R	R	165	165	-	0.92	0.92	116.4	116.4	F	F
		Intersection								27.9	27.3	C	C

				9A Stud	ly Area - No-Act	ion vs Action (N	o Mitigation)- N						
						Volume (vph)		V	/C	Delay (s	seconds)	LO	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	T	Т	1523	1524	1	0.69	0.69	21.4	21.4	С	С
		ND	TR	R	20	20	-	-	-	-	-	-	
	24th Street & 12th	SB	L	L	80	73	-7	0.78	0.71	91.3	82.7	F	F
1	Ave	30	T	T	1536	1408	-128	0.64	0.59	20.2	19.1	С	В
	Ave	WB	LR	LR	130	130	-	0.45	0.45	43.7	43.7	D	D
		WD	R	R	195	195	-	0.54	0.54	51.7	51.7	D	D
		Intersection								25.1	24.5	С	С

				9A Stud	ly Area - No-Act	tion vs Action (N	lo Mitigation)- F	PM Peak Hour					
						Volume (vph)		V	/C	Delay (s	seconds)	LO	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	T	Т	2323	2254	-69	0.80	0.78	23.6	22.7	С	С
		ND	TR	R	10	10	-	-	-	-	-	-	
	24th Street & 12th	SB	L	L	85	77	-8	0.80	0.72	105.1	95.9	F	F
1	Ave	30	T	T	2048	1860	-188	0.69	0.63	20.0	18.4	В	В
	Ave	WB	LR	LR	235	235	-	0.80	0.80	72.4	72.4	E	E
		VVD	R	R	275	275	-	0.88	0.88	96.6	96.6	F	F
		Intersection								30.1	29.2	C	C

				9A Stud	iy Area - No-Aci	tion vs Action (N	io Mitigation) -						
						Volume (vph)		V	/C	Delay (s	seconds)	LO	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	T	Т	1605	1500	-105	0.66	0.62	20.6	19.7	С	В
		IND	TR	R	15	14	-1	-	-	-	-	-	
	24th Street & 12th	SB	L	L	45	39	-6	0.39	0.33	60.4	58.6	E	E
1	Ave	30	T	T	1240	1083	-157	0.49	0.43	17.4	16.5	В	В
	Ave	WB	LR	LR	135	135	-	0.43	0.43	43.2	43.2	D	D
		VVD	R	R	195	195	-	0.48	0.48	48.5	48.5	D	D
İ		Intersection								22.7	22.1	С	С

					, ,	Volume (vph)	ith-Action (No I		'/C	De	elay	L	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			L	L	570	570	0	1.38	1.21	230.0	161.6	F	F
		NB	TR	T	1158	934	-224	1.41	1.21	222.1	136.5	F	F
				R	260	260	0	0.47	0.46	6.1	4.7	Α	Α
		SB	T	T	724	667	-57	0.73	0.67	43.5	41.7	D	D
		SD	R	R	91	84	-7	0.35	0.32	38.6	37.9	D	D
1	Flatbush Avenue		L	L	172	139	-33	1.11	0.90	145.1	94.7	F	F
'	and Tillary Street	EB	T	T	611	608	-3	0.83	0.83	48.4	48.1	D	D
			R	R	227	226	-1	0.85	0.84	63.8	63.4	E	E
			L	L	235	231	-4	0.78	0.77	66.0	65.1	E	E
		WB	T	T	376	369	-7	0.93	0.79	62.9	47.8	E	D
			R	R	463	367	-96	1.06	0.91	111.9	77.1	F	E
		Intersection								116.9	80.1	F	F
			L	L	0	0	0	-	-	-	-	-	-
		NB	T	T	617	593	-24	0.83	0.80	48.7	46.8	D	D
			R	R	59	59	0	0.72	0.70	51.8	50.3	D	D
				R2	157	150	-7	-	-	-	-		-
			L	L	609	604	-5	0.88	0.87	54.3	53.6	D	D
		SB	T	T	833	826	-7	0.61	0.61	23.3	23.1	С	C
	Adam Street and		R	R	15	15	0	0.03	0.03	8.5	8.5	А	A
2	Tillary Street		L	L	0	0	0	-	-	-	-		-
	rinar y otroot	EB	TR	T	205	196	-9	0.36	0.35	37.1	36.9	D	D
				R	90	90	0	-	-	-	-	-	-
			L	L	141	139	-2	0.83	0.81	75.0	71.5	E	E
		WB	T	T	232	229	-3	0.36	0.35	37.3	37.3	D	D
			R	R	0	0	0	-	-	-	-	-	-
				R2	39	32	-7	0.10	0.09	32.8	32.5	С	С
		Intersection								42.0	41.1	D	D
		NB	L	L	1127	1123	-4	0.99	0.99	51.5	50.7	D	D
3	Old Fulton Street		T	T	176	175	-1	0.34	0.34	20.0	20.0	С	С
Ŭ	and Vine Street	SB	T	T	663	658	-5	0.56	0.56	62.5	62.4	E	E
		Intersection	1							52.4	51.9	D	D

	ı		Dowr	ntown Brooklyi	n Study Area - N	lo-Action vs With	n-Action (No Mi			D-	1		00
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)			/C		elay		.OS
			. '		No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			L	L	585	585	0	1.20	0.92	155.2	68.3	F	E
		NB	TR	T	820	475	-345	1.21dl	0.90dl	69.7	32.6	E	С
				R	345	342	-3	0.51	0.51	5.8	5.4	Α	Α
		SB	T	T	636	361	-275	0.59	0.33	39.5	35.0	D	D
			R	R	77	44	-33	0.31	0.18	37.4	34.5	D	С
1	Flatbush Avenue		L	L	123	58	-65	0.68	0.32	66.4	51.2	E	D
	and Tillary Street	EB	T	T	683	603	-80	0.82	0.73	47.2	42.4	D	D
			R	R	255	227	-28	0.77	0.68	53.8	47.9	D	D
			L	L	233	222	-11	0.73	0.69	61.6	59.7	E	E
		WB	T	T	366	349	-17	0.85	0.58	51.5	38.4	D	D
			R	R	382	203	-179	0.96	0.68	83.4	48.6	F	D
		Intersection								59.6	39.6	E	D
			L	L	0	0	0	-	-	-	-	-	-
		NB	T	T	474	395	-79	0.66	0.55	41.2	38.2	D	D
		140	R	R	44	44	0	0.81	0.75	57.9	53.2	E	D
				R2	188	173	-15	-	-	-	-	-	-
			L	L	634	488	-146	0.88	0.68	54.8	43.1	D	D
		SB	T	T	735	565	-170	0.54	0.41	21.6	19.4	С	В
	Adam Street and		R	R	19	15	-4	0.04	0.04	8.6	8.5	Α	Α
2			L	L	0	0	0	-	-	-	-	-	-
	Tillary Street	EB	TR	T	279	256	-23	0.41	0.38	37.6	37.2	D	D
				R	85	85	0	-	-	-	-	-	-
			L	L	169	156	-13	1.10	0.97	138.4	103.2	F	F
		WB	T	T	214	197	-17	0.31	0.29	36.6	36.2	D	D
			R	R	0	0	0	-	-	-	-	-	-
				R2	33	12	-21	0.08	0.03	32.4	31.6	С	С
		Intersection								45.3	40.0	D	D
			L	L	1094	949	-145	1.03	0.89	63.0	37.9	Е	D
	Old Fulton Street	NB	Т	Т	122	106	-16	0.25	0.21	20.7	20.3	С	С
3	and Vine Street	SB	T	T	509	455	-54	0.41	0.37	23.5	9.2	C	A
		Intersection								47.2	27.2	D	C

			I	I DIOOK	lyli Study Alea	Volume (vph)	Itti-Action (No i	Mitigation) - PM	/C	De	elay		_OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			ı	L	520	520	0	1.45	1.12	263.4	129.6	F F	F
		NB	TR	T	971	610	-361	1.47dl	1.14dl	111.1	38.6	F	D
				R	311	301	-10	0.48	0.46	5.4	4.6	A	A
	ŀ		T	T	955	687	-268	0.90	0.65	52.5	40.7	D	D
		SB	R	R	80	58	-22	0.30	0.21	36.6	35.0	D	С
1	Flatbush Avenue		L	L	128	72	-56	0.66	0.37	65.3	52.7	Е	D
1	and Tillary Street	EB	T	T	733	650	-83	0.89	0.79	53.0	45.4	D	D
	-		R	R	230	211	-19	0.75	0.69	51.3	47.4	D	D
	Ī		L	L	223	218	-5	0.62	0.60	55.9	55.5	E	Е
		WB	T	T	643	628	-15	0.93	0.89	58.4	53.3	E	D
			R	R	289	175	-114	0.88	0.53	65.7	41.0	E	D
		Intersection								75.7	46.9	E	D
			L	L	0	0	0	-	-		-		-
		NB	T	T	621	558	-63	0.76	0.68	44.9	41.8	D	D
		ND	R	R	61	61	0	0.92	0.87	72.2	63.8	E	E
				R2	236	218	-18	-	-	-	-	-	-
			L	L	536	461	-75	0.74	0.64	45.3	41.7	D	D
		SB	T	T	1027	883	-144	0.74	0.64	26.9	23.8	С	С
	Adam Street and		R	R	20	17	-3	0.04	0.03	8.5	8.4	Α	Α
2	Tillary Street		L	L	0	0	0	-	-	-	-	-	-
	Tillal y Street	EB	TR	T	329	304	-25	0.43	0.40	37.9	37.5	D	D
				R	85	85	0	-	-	-	-	-	-
			L	L	225	215	-10	1.34	1.23	219.1	176.9	F	F
		WB	T	T	365	349	-16	0.49	0.47	39.6	39.2	D	D
			R	R	0	0	0	-	-	-	-	-	-
				R2	38	14	-24	0.11	0.04	32.9	31.7	С	С
		Intersection								51.7	47.1	D	D
		NB	L	L	1151	1100	-51	0.73	0.70	22.0	21.0	С	С
3	Old Fulton Street		T	T	245	234	-11	0.33	0.31	14.6	14.4	В	В
-	and Vine Street	SB	T	T	280	259	-21	0.34	0.31	14.0	10.3	В	В
		Intersection	l	ĺ	l			l	l	19.4	18.0	В	В

			Downt	own Brooklyn	Study Area - No	-Action vs With-	Action (No Miti	gation) - Late N	ight Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	//C	De	elay	L	.OS
Intersection#	intersection name	Арргоаст	Larie Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			L	L	465	465	0	1.29	0.98	200.0	90.8	F	F
ļ		NB	TR	T	847	209	-638	1.25dl	0.93dl	47.9	25.2	D	С
ļ				R	415	384	-31	0.53	0.49	7.1	4.9	Α	Α
Į.		SB	T	T	866	588	-278	0.79	0.54	45.3	38.3	D	D
ļ			R	R	53	36	-17	0.18	0.12	34.3	33.2	С	С
1	Flatbush Avenue		L	L	106	16	-90	0.58	0.09	61.5	46.2	E	D
•	and Tillary Street	EB	T	T	528	440	-88	0.67	0.56	40.4	37.4	D	D
ļ			R	R	149	135	-14	0.46	0.41	37.9	36.8	D	D
ļ			L	L	250	246	-4	0.69	0.68	59.1	58.5	E	E
Į.		WB	T	T	410	404	-6	0.71	0.57	42.3	38.0	D	D
ļ			R	R	294	68	-226	0.75	0.22	52.1	32.9	D	С
		Intersection								50.7	37.6	D	D
			L	L	0	0	0	-	-		-		-
		NB	T	T	511	325	-186	0.64	0.40	40.4	35.2	D	D
	_		R	R	44	44	0	0.46	0.31	38.6	35.1	D	D
				R2	106 371	58 298	-48 -73	-	- 0.44	39.3	37.2	- D	-
		SB	L T	L T				0.54	0.44				D
		28	R	R	619 0	497 0	-122 0	0.47	0.38	20.4	18.9	С	В
2	Adam Street and		K	K	0	0	0	-	-	-	-	<u> </u>	-
2	Tillary Street	EB	TR	T	141	77	-64	0.18	0.12	34.4	33.7	C	C
		LD	IK	R	45	45	0	0.10	0.12	34.4	- 33.1	-	-
				I I	115	107	-8	0.54	0.47	47.0	43.7		D
		WB	т т	T	120	112	-8	0.18	0.47	34.7	34.5	C	C
		****	R	R	0	0	0	0.10	-	34.7	34.5	-	-
			K	R2	37	18	-19	0.10	0.05	34.2	33.3	C	С
		Intersection		NZ.	3,	10	17	0.10	0.00	33.5	30.8	C	C
					1190	1093	-97	0.79	0.73	24.3	21.8	C	C
_	Old Fulton Street	NB	T	T	129	118	-11	0.17	0.15	12.6	12.4	В	В
3	and Vine Street	SB	Ť	T	307	216	-91	0.36	0.25	20.2	5.7	C	A
Į.		Intersection	 	· ·	557	2.0	,,	0.00	0.20	22.5	18.5	C	В

			L	ong Island City :	Study Area - No	-Action vs With- Volume (vph)	Action (No Miti		ak Hour /C	Delay (seconds)	1.	OS
						voiume (vpm)			7.0	Delay (.	secorius)		03
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	LT T	T	71 715	71 705	-10	1.18	1.17	128.5	124.4	F F	F
	Pulaski Bridge /	SB	R T TR	R T R	390 445 60	396 445 62	6 0 2	0.66	0.67 0.68	43.9 8.6	8.7 -	D A	D A
1a	11th Street & Jackson Avenue	EB	LT T	L T	35 71	31 65	-4 -6	0.26	0.23	37.8	37.3	D	- D
		WB	L T	L T	480	464	-16 2	0.69	0.66	44.6	43.8	D	D
		Intersection			206	208		0.29	0.29	14.6 61.3	14.6 59.7	B E	B E
		NB	L T	L T	65 685	65 671	0 -14	0.39	0.39	3.2 23.2	3.0 19.1	A C	A B
	11th Street & 48TH	SB	T TR	T R	495 15	497 15	2	0.66	0.66	39.1	39.2	D .	D .
1b	Avenue 48111	WB	LTR	L T	10 25	10 25	0	- 0.08	- 0.08	17.8	17.8	- B	- B
		Intersection		R	10	10	0	-	-	28.0	25.9	- C	- C
		NB	T R	T R	218 11	214 12	-4 1	0.37 0.03	0.36 0.03	14.2 10.6	14.1 10.8	B B	B B
	FATUR O	SB	LT	L	35	40	5	-		-	-		-
2	50TH Avenue @ Vernon Blvd			T L	165 35	164 35	-1 0	0.47	0.49	16.9	17.3	B -	B -
		EB Intersection	LTR	T R	50 30	58 30	0	0.29	0.31	13.7	13.8 - 15.2	- B	- B
		NB	T TR	T	1176	1153	-23 0	0.85	0.83	27.2	26.2	С	C
	C S:	SB	L	R L	30 74	30 73	-1	0.80	0.75	68.0	58.7	E	E
3	Green Street & McGuiness Blvd		Т	T L	962 185	944 182	-18 -3	0.61	0.60	17.9	17.7	B -	B -
		EB	LTR	T R	20 40	20 40	0	0.63	0.62	40.7	40.4	D -	D -
		Intersection NB	Т	T	1361	1335	-26	-	-	26.3	25.4	C	C -
4	McGuinness Blvd &	SB	T TR	T R	1036 115	1017	-19 0				-		-
4	Freeman Street	WB	R	R R	211	180	-31	-	-	-	-		-
		Intersection		L	35	35	0		-		-		-
		NB	LTR	T R	90 40	90 40	0	0.57	0.57	33.0	32.9	C -	C -
		SB	LTR	L T	99 129	98 127	-1 -2	1.04	1.04	97.1	95.3	F	F F
5	21st Street & 49th Avenue	EB	LTR	R L T	10 38 141	10 37 138	-1 -3	0.49	0.48	24.5	24.3	- - C	- - C
				R L	11 5	11 5	0	-	-	-			-
		WB	LT R	T R	40 310	40 310	0	0.11	0.11 0.91	17.8 57.4	17.8 57.4	B E	B E
		Intersection	K					-	-	54.9	54.4	D	D
		NB	LTR	L T	17 67	17 67	0	-	-	-	-		-
				R L	23 35	17 32	-6 -3	-	-	-	-		-
		SB	LTR	T R	0 125	0 114	0 -11	-	-	-	-		-
7	11th Street & Borden Avenue	EB	LTR	L T	561 50	570 50	9	-	-	-	-		-
		LD	LIK	R	26 40	19 40	-7 0	-	-	-	-		-
		WB	LTR	L T	422	424	2	-	-	-	-	-	-
		Intersection		R	77	59	-18	-	-	-	-	-	-
		NB	LT T	L T	26 303	23 297	-3 -6	0.45	0.41	8.3	7.1	- A	- A
8a	Van Dam Street &	SB	T TR	T R	842 19	765 17	-77 -2	0.70	0.63	80.0	61.2	E .	E -
Ju	QMT Expy	WB	T	T	891	840	-51	0.70	0.67	26.6	25.5	С	С
		Intersection	TR	R	263	258	-5		-	42.3	34.6	D	C
		NB	T TR	T R	299 5	291 5	-8 0	0.57	0.56	43.7	42.7	D -	D -
Oh	Van Dam Street &	SB	L T	L T	636 206	585 180	-51 -26	0.97 0.29	0.89 0.26	95.6 3.4	92.4 3.0	F A	F A
8b	Borden Avenue	EB	LTR	L T	30 185	29 185	-1 0	0.31	0.31	29.0	28.9	- C	- C
		Intersection		R	15	15	0	-	-	57.9	56.0	E	E
		NB	LT	L	0 260	0 301	0 41	0.65	0.74	51.3	55.4	D	E
		IND	TR	R	16	16	0	-	-	-	-		-
	Jackson Ave /	SB	LT T	L T	15 132	15 135	0	0.40	0.41	38.9	39.3	- D	- D
9	Northern Blvd & Queens Plaza	EB	T R	T R	963 327	833 283	-130 -44	0.47 0.66	0.41 0.57	22.8 31.1	21.8 27.9	C	C C
		WB	LT T	L T	50 733	50 723	0 -10	0.50	0.48	15.5	15.3	- В	- В
		Intersection	TR	R	60	60	0	-	-	26.0	26.4	C	- C
		SB	L	L	0	0	0	-	-	-	-	-	-
11a	Thomson Avenue &	EB	LR T	R T	400	0 388	-12	-	-	-	-	-	-
	Dutch Kills Street	WB	T R	T R	385 896	385 896	0	-	-	-	-		-
		Intersection	T	T	1281	1281	0	-	-	-	-		-
11b	Thomson Avenue & Dutch Kills Street	WB EB	R T	R T	842 400	689 388	-153 -12	-	-	-	-	-	-
		Intersection		,						l.			
		NB	Ţ	L T	365	0 365	0	0.47	0.47	17.6	17.6	- B	В
12	21th Street &	SB	T R	T R	947 401	951 334	4 -67	1.05 0.51	1.06 0.43	70.5 18.3	72.2 16.6	E B	E B
12	Queens Plaza N	WB	LTR	L T	123 78	120 63	-3 -15	0.71	0.66	47.3	45.1	- D	D
		Intersection		R	84	82	-2	-	-	46.5	47.8	- D	- D
		IIICI SCCIOII	L	L	1	1	1	l	1	70.0	77.0	U	U

		1	Lor	ng Island City Stu	udy Area - No-A	ction vs With-Ac	ction (No Mitiga	tion) - Midday V	Peak Hour /C	Delay (s	seconds)	L	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	LT T	L T	70 515	68 499	-2 -16	1.03	1.00	84.6	77.8	-	F
			R	R	283 340	312 337	29	0.41	0.45	34.0 8.9	34.8 9.0	C A	C A
1a	Pulaski Bridge / 11th Street &	SB	TR LT	R L	75 55	84 73	9	-	-		-	-	-
	Jackson Avenue	EB	T	T L	89 395	114 342	25 -53	0.33 0.57	0.42	38.9 37.5	40.9 35.7	D D	D D
		WB Intersection	T	T	208	209	1	0.28	0.28	12.0 41.6	12.1	B D	B D
		NB	L T	L T	55 515	55 517	0 2	0.32 0.57	0.33 0.57	5.9 11.3	6.9	A B	A B
	11th Street & 48TH	SB	T TR	T R	410 35	416 35	6	0.67	0.68	43.1	43.4	D .	D -
1b	Avenue	WB	LTR	L	5 25	5 25	0	0.08	0.08	15.1	15.1	В	. В
			EIK	R	15	15	0	0.06	0.08	24.3	25.3	- C	- C
		Intersection NB	T	T	230	249	19	0.44	0.48	15.4	16.0	В	В
		SB	R LT	R L	27 35	39 48	12 13	0.06	0.09	11.0	11.2	B -	B -
2	50TH Avenue @ Vernon Blvd			T L	214 30	207 30	-7 0	0.53	0.56	17.6	18.7	B .	B -
		EB	LTR	T R	30 20	42 20	12 0	0.21	0.23	12.7	12.9	B .	B -
		Intersection NB	T	T	752	754	2	0.55	0.55	15.7 17.1	16.3 17.1	B B	B B
		SB	TR L	R L	40 78	39 71	-1 -7	0.38	0.35	19.1	18.1	В	В
3	Green Street & McGuiness Blvd		T	T L	624 243	561 250	-63 7	0.38	0.34	14.1	13.6	B -	B -
		EB	LTR	T R	40 60	40 59	-1	0.84	0.85	53.3	54.8	D .	D -
		Intersection NB	T	T	995	1004	9	-	-	23.5	24.1	C -	C -
4	McGuinness Blvd & Freeman Street	SB	T TR	T R	702 215	632 215	-70 0		-			-	
	Treeman street	WB Intersection	R	R	185	114	-71	-	-	-	-	-	-
		NB	LTR	L T	20 85	20 85	0	0.47	0.47	28.7	28.7	- C	- C
				R L	50 105	50 96	0 -9	-				-	-
	21-4 (44 0 404)	SB	LTR	T R	100 10	91 9	-9 -1	0.87	0.78	58.7	47.2	E .	D -
5	21st Street & 49th Avenue	EB	LTR	L T	33 111	38 128	5 17	0.39	0.45	22.3	23.6	- C	- C
			1.7	R L	11 5	13 5	2	-	-			-	-
		WB	LT R	T R	35 310	35 310	0	0.09 0.79	0.09 0.79	17.5 39.3	17.5 39.3	B D	B D
		Intersection		L	10	8	-2			38.0	34.8	D -	C -
		NB	LTR	T R	80 41	70 32	-10 -9	-	-			-	-
		SB	LTR	L T	45 6	64 9	19 3	-	-			-	-
7	11th Street &			R L	130 581	186 610	56 29	-	-			-	-
	Borden Avenue	EB	LTR	T R	75 41	73 40	-2 -1	-	-			-	-
		WB	LTR	L T	70 271	70 265	0 -6	-	-			-	-
		Intersection		R	346	357	11	-	-	-	-	-	
		NB	LT T	L T	20 238	19 228	-1 -10	0.27	0.26	3.6	3.6	- A	- A
8a	Van Dam Street &	SB	T TR	T R	768 14	580 11	-188 -3	0.64	0.48	73.7	22.9	E .	C -
	QMT Expy	WB	T TR	T R	651 501	643 528	-8 27	0.70	0.71	18.1	18.1	В -	B -
		Intersection	T	Т	238	227	-11	0.38	0.36	35.2 28.0	17.6 27.8	D C	B C
		NB Sp	TR L	R L	10 574	10 403	0 -171	0.95	0.66	93.1	83.9	F	F
8b	Van Dam Street & Borden Avenue	SB	T	T L	194	177	-17 0	0.27	0.24	2.2	1.5	Α -	Α -
		EB	LTR	T R	205 35	205 35	0	0.32	0.32	23.6	23.6	C -	C -
		Intersection	LT	L	15	15	0			51.4	42.7	D	D
		NB	LT TR	T R	272 42	304 46	32 4	0.80	0.88	59.2	67.3	E .	E .
	Jackson Ave /	SB	LT T	L T	55 145	56 147	1 2	0.66	0.70	53.9	57.7	- D	E
9	Northern Blvd & Queens Plaza	EB	T R	T R	762 210	326 90	-436 -120	0.40	0.17	21.1	18.3 19.1	C	B B
		WB	LT T	L T	45 861	44 849	-1 -12	0.54	0.50	16.4	15.9	. В	- B
		Intersection	TR	R	90	89	-1			27.6	31.0	- C	C
		SB	L LR	L R	1047 25	1022 24	-25 -1	0.59	0.58	17.4	17.1	B .	В -
11a	Thomson Avenue & Dutch Kills Street	EB	T	T	223 235	207	-16 -5	0.19 0.28	0.18 0.27	29.0 30.4	28.8 30.3	C	C
	3,000	WB Intersection	R	R	0	0	0			21	20.7	- C	- C
	Thomson Avenue &	WB	T R	T R	235 885	230 885	-5 0			-		-	-
11b	Dutch Kills Street	EB Intersection	T	T	1270	1229	-41						
		NB	Т	L T	0 818	0 804	0 -14	0.99	0.97	54.6	50.7	- D	- D
	21th Stroot ®	SB	T	T	496	499	3	0.72	0.73	26.7	26.9	С	С
12	21th Street & Queens Plaza N	WB	R LTR	R L	249 65	268 55	19 -10	0.34	0.37	16.5	16.9 - 37.0	B .	- B
			LIK	T R	44 51	41	-3 -8	0.41	0.35	38.2	-	D .	D -
		Intersection								39.7	37.5	D	D

Intersection # Intersection Name	F D D D C C	With-Action F D D B B C C A E C C
No Action No Action No Action No Action No Action With Action	F D D D C C	F D D D B C C A E B B
NB	D D C C D D B C C A E B B . C B B B . B B	D B D D B C C A E - B B
Pulaski Bridge / SB	D C C	D B D D B C C A E - B B
Tale Profession pr		- D D D B D C C A E E B B
Table Alackson Avenue EB	D D B B C C A E B B B B B . B B	D D B D C A E - B B
WB	D B D D C A A E E C C B B B B B B B B B B B B B B B B	D B D C A E .
Intersection	D C A A E C C B B B B C B B B B B B C B B B B B	D C A E - - B
TITINSTREET & 48TH Avenue 11th Street & 48	A E	A E B
11th Street & 48TH Avenue MB	E	E - B -
Avenue WB LTR	- B - C B B - B B - B B B B B B B B B B	- В -
Intersection	- C B B B - B B - B B B B B B B B B B B	
2 Forth Avenue ⊕ Vernon Blvd Fig. NB	B B - B B B	C
SOTH Avenue @ Vernon Blvd SB	B	В
SOFH Avenue @ Vernon Blvd Feb	B - B	В -
EB	В	В
Intersection	1	В
NB	- B	В
SB	B	В -
A	В	В
Accordance R 55 53 -2 - - - - - - - -	B -	B -
Maguinness Blvd & Freeman Street Maguinness Blv	D -	D -
4 McGuinness Blvd & Freeman Street SB	C	В .
Freeman Street	-	
NB LTR	-	-
NB	-	
5 21st Street & 49th Avenue EB LTR	C	C
5 21st Street & 49th Avenue EB LTR T 97 123 26 0.50 0.64 25.1 29.9 R 36 46 10	F	F
Avenue EB LTR T 97 123 26 0.50 0.64 25.1 29.9 R 36 46 10	-	-
	C	- C
LT L 5 5 0 · · · ·		-
WB T 85 85 0 0.20 0.20 18.8 18.8 R R 355 355 0 0.87 0.87 47.0 47.0	B D	B D
Intersection 60.9 56.8	E	E
NB LTR		-
R 16 6 -10 L 53 90 37	-	-
SB LTR T 9 15 6	-	-
7 11th Street & L 567 590 23	-	
R 10 5 -5	-	
WB LTR T 334 313 -21		-
R 154 88 -66 Intersection	-	-
NB LT L 30 26 -4	- A	- A
Von Dom Stroot 8. SR T T 508 412 -96 0.45 0.37 25.2 22.8	С	С
88 QMT Expy M/B T T 867 808 -59 0.74 0.68 26.8 25.2	- C	- C
IR R 393 356 -37	C	- C
NB T T 265 241 -24 0.44 0.40 39.5 38.8 TR R 10 10 0	D -	D -
Von Dom Street 8 SB L L 296 240 -56 0.56 0.46 96.8 83.0	F F	F F
8D Borden Avenue L 30 28 -2	-	-
R 15 15 0	C -	C -
Intersection	E .	D
NB T 410 305 -105 0.91 0.73 69.6 54.6 TR R 17 21 4	E .	D .
SR LT L 20 20 0	-	
9 Northern Blvd & EB T T 926 465 461 0.44 0.22 21.7 18.8	D C	D B
Queens Plaza R R 199 100 -99 0.40 0.20 23.0 19.4 LT L 20 20 0 - - - - - -	C -	B -
WB T T 752 738 -14 0.38 0.36 14.1 14.0 TR R 60 60 0	B -	B -
Intersection 29.0 25.2	C B	C B
SB LR R 15 15 0	-	
Thomson Avenue & EB T T 342 355 13 0.36 0.37 43.6 43.9 Dutch Kills Street WB T T 401 400 -1 0.58 0.58 49.1 49.0	D D	D D
R R 0 0 0	- C	- C
Thomson August 8 WB T T 401 400 -1	-	-
Dutch Kills Street EB T T 1727 1729 2		
Intersection		
SB T T 629 631 2 0.70 0.71 23.5 23.6	F C	F C
12 21th Street & Queens Plaza N		
WB LTR T 113 87 -26 0.82 0.73 54.4 48.4 R 144 136 -8	B -	В -
R 144 136 -8 -	В	В

	1		Lo	wer Manhattan	Study Area - No	o-Action vs With Volume (vph)	-Action (No Mit		eak Hour /C	Delay (s	coconds)		OS
						volume (vpm)		V.	/ .	Delay (s	econus)		JS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	LT	L	3	0	-3		-	-	-	·	-
1	Trinity Place & Edgar Street	EB	T L	T L	79 35	62 35	-17 0	0.09	0.06	10.1 20.7	10.0 20.7	B C	A C
		Intersection	TR	T	104	88	14	0.14	0.14	13.5	14.1	B B	В
	Trinity Place &	NB	IK	R	104	9	-16	0.16	0.14	10.7	10.5		B -
2	Rector Street	EB	LT	L T	102 35	97 34	-5 -1	0.52	0.49	31.9	31.0	- C	- C
		Intersection								22.1	22.2	С	С
		NB	T R2	T R2	1056 424	1022 448	-34 24	0.73 0.27	0.71 0.28	45.2 0.5	44.4 0.5	D A	D A
3a	HCT Entrance/Exit & West Street	SB	T	T	1044	1008	-36	0.65	0.63	1.4	1.3	A	A
		WB Intersection	L	L	1692	1722	30	0.97	0.99	53.0 32.7	56.8 34.2	D C	C
		NB	T	Ţ	1056	1022	-34	0.61	0.59	1.2	1.2	A	A
3b	HCT Exit & West Street & West	SB	TR	T R	1044 0	1008 0	-36 0	0.76	0.73	46.1	45.1	D -	D -
20	Thames Street	EB WB	R R	R R	0 1239	0 1280	0 41	0.82	0.85	- 20.4	40.1	- D	D
		Intersection	K	K	1239	1280	41	0.82	0.85	38.4 29.5	30.1	С	C
		NB	L T	L T	430 496	406 469	-24 -27	0.48 0.57	0.45 0.54	26.5 13.8	26.0 13.2	C B	C B
4	Chambers Street &	SB	TR	T	237	206	-31	0.79	0.69	50.5	43.2	D	D
	Centre Street	EB	R	R R	31 394	27 381	-4 -13	0.29 0.89	0.25 0.86	35.9 51.3	34.7 47.5	D D	C D
		Intersection								32.7	30.2	C	C
		NID	LT	L T	105 670	105 670	0	0.87	0.86	41.0	40.8	- D	D
	Canal Street &	NB	R R2	R R2	190 46	147 45	-43 -1	0.56 0.24	0.43 0.24	34.9 27.9	31.0 27.8	C C	C C
5a	Hudson		L L	L2	50	49	-1	-	-	-	-	-	-
	Street/Holland Tunnel On-Ramp	EB	Т	L T	438 589	328 564	-110 -25	0.80 0.71	0.62 0.68	42.9 19.8	35.6 18.8	D B	D B
		WB	TR	T R	409	342	-67	0.81	0.68	28.9	18.5	C	В
		Intersection			89	74	-15		-	33.6	29.8	C	- C
	Canal Street &	EB	T	T T	635 498	609 416	-26 -82	0.42 1.08	0.40 0.97	5.1 97.8	5.0 60.0	A F	A F
5b	Holland Tunnel On- Ramp	WB	R	R	880	880	0	1.14	1.14	100.9	100.9	F	F
		Intersection	T	T	2680	2678	-2	1.00	1.00	70.3 50.2	57.7 49.9	E D	E D
7-	Canal Street S &	NB	R	R	291	278	-13	0.61	0.58	28.2	27.1	C	C
7a	West Street	SB	L T	L T	734 2144	673 2111	-61 -33	0.75 0.76	0.69 0.74	115.1 8.2	113.0 8.0	A	A
		Intersection	TR	Т	2267	2230	-37	0.79	0.78	41.9 25.8	40.8 25.3	D C	D C
		NB	IK	R	93	92	-37 -1	-	-			-	-
		SB	TR	L T	5 1644	5 1670	26	0.58	0.59	19.8	19.9	В	- В
9	West Street & Albany Street			R	140	136	-4		-	-	-	-	-
		EB	LTR	L T	135 90	134 90		0.76	0.76	57.9	58.3	E	E
		Intersection		R	62	65	3	-	-	25.6	25.4	- C	- C
		NB		L	5	5	0		-	-	-	-	
		SB	T T	T	2296 1855	2243 1874	-53 19	0.71	0.69	20.3	19.8 20.3	C	B C
	West Street &	2B	R L	R L	330 105	323 104	-7 -1	0.86 0.58	0.84 0.57	44.0 58.1	41.6 57.5	D F	D F
10	Vesey Street	EB	R	R	77	79	2	0.38	0.39	48.5	48.8	D	D
		WB	LT	L T	0	0	0	-	-	-	-	-	-
		latana atian	R	R	0	0	0	-	-	- 22.5	- 22.4	-	
		Intersection NB	TR	T	2328	2256	-72	0.88	0.85	23.5 38.4	23.1 36.9	D	D
			L	T L	65 230	63 223	-2 -7	0.77	0.75	80.2	78.7	F	E
		SB	T	T	1793	1789	-4	0.63	0.63	17.1	17.1	В	B
11	West Street &		R	R L	50 105	49 103	-1 -2	0.27	0.26	57.3	57.1 -	<u>E</u>	
	Chambers Street	EB	LTR	T R	30 15	29 15	-1 0	0.58	0.57	55.5	55.0	E .	E .
		WD	LT	L	67	69	2	-	-	-	-		
		WB	R	T R	60 310	60 305	-5	0.56 0.75	0.57 0.74	56.0 46.7	56.6 45.9	E D	E D
		Intersection	T	T	839	756	-83	0.87	0.78	35.0 34.0	34.0 29.0	D C	C
		EB	R	R	104	103	-1	0.29	0.29	20.7	20.7	С	С
	Canal	WB NB	T T	T T	1149 294	980 292	-169 -2	1.05 0.56	0.90 0.55	69.5 35.0	37.4 35.0	E D	D C
14	Street/Manhattan Bridge & Bowery	IVD	R L	R L	337 331	304 272	-33 -59	0.36 0.57	0.33 0.49	0.9 16.0	0.8 13.6	A B	A B
	g. a bowery	SB	TR	T	156	142	-14	0.68	0.58	12.7	10.3	В	В
		Intersection		R	85	77	-8			37.7	25.8	D	C C
	Monhotte- D-1-1-	NB	T	T	294	292	-2	0.51	0.51	6.7	6.6	Α	A
15	Manhattan Bridge & Bowery	SB WB	T R	T R	572 555	491 366	-81 -189	0.37 0.94	0.32 0.62	18.6 54.0	18.0 32.2	B D	B C
		Intersection	TR	T	776	715	-61	0.37	0.34	30.0 17.1	19.6 16.9	C B	B B
	6th Avenue &	WB		R	25	25	0	-	-	- 17.1	-	-	
18	Watts Street	NB	LT	L T	86 997	74 925	-12 -72	0.47	0.43	12.5	11.8	В В	- В
		Intersection								14.4	13.9	В	В
		NEB	R	R L	629 168	602 160	-27 -8	1.05	1.00	82.6	71.1	-	- E
	Canal Street & 6th	NB	LTR	T R	694 4	663 4	-31 0	0.52	0.50	24.2	23.9	C -	C -
	Mucopuo /Loight	EB	T	T	657	628	-29	0.83	0.79	40.8	38.5	D	D
19	Avenue/Laight Street	ED		_	40:-	44.1							
19	Street	WB	TR	T R	1217 265	1145 249	-72 -16	1.09	1.03	78.6	56.8 -	E -	E .

			Lowe	r Manhattan St	udy Area - No-A	Action vs With-A	Action (No Mitig	, , , , , , , , , , , , , , , , , , ,	y Peak Hour /C	Delay (seconds)	10	OS
						Volume (Vp.1)			, , ,	Boldy (Socionasy		
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
	Trinity Place &	NB	LT T	L T	11 99	1 10	-10 -89	0.09	0.01	10.0	9.5	- В	- A
1	Edgar Street	EB Intersection	L	L	254	451	197	0.61	1.08	30.4 24.7	92.0 90.2	C C	F F
		NB	TR	T	297	389	92	0.42	0.55	36.9	44.9	D	D
2	Trinity Place &		LT	R L	56 110	72 79	16 -31	-	-	-	-	-	-
	Rector Street	EB		T	45	44	-1	0.42	0.32	24.3	22.2	С	С
		Intersection NB	T	T	1033	970	-63	0.58	0.55	33.1 25.0	40.1 24.2	C	D C
3a	HCT Entrance/Exit	SB	R2 T	R2 T	781 1409	977 1294	196 -115	0.41 0.65	0.51 0.60	0.8 1.1	1.2 0.9	A A	A A
	& West Street	WB	L	Ĺ	832	964	132	0.63	0.73	35.5	38.2	D	D
		Intersection NB	T	T	1033	970	-63	0.49	0.46	14.2 0.7	15.0 0.6	B A	B A
	HCT Exit & West	SB	TR	T R	1409 0	1294 0	-115 0	0.76	0.69	29.4	27.5	C -	C -
3b	Street & West Thames Street	EB	R	R	0	0	0	-					-
		WB Intersection	R	R	823	973	150	0.73	0.87	39.2 22.4	46.1 24.6	D C	D C
		NB	L T	L T	344 433	266 334	-78 -99	0.43 0.47	0.33 0.36	25.7 12.1	24.3 10.6	C B	C B
4	Chambers Street &	SB	TR	Т	226	107	-119	0.77	0.36	48.6	33.0	D	С
	Centre Street	EB	R	R R	15 391	12 269	-3 -122	0.21 0.89	0.16 0.61	35.3 50.4	33.6 31.8	D D	C
		Intersection	LT	L	75	75	0	-		32.9	23.3	C	C
		NB		T	515	515	0	0.96	0.96	58.7	58.7	E	E
	Canal Street &		R R2	R R2	325 58	207 43	-118 -15	0.57 0.31	0.36 0.23	31.2 29.8	27.3 27.8	C	C
5a	Hudson Street/Holland	EB	L	L2 L	31 328	31 211	0 -117	0.65	0.44	36.5	31.9	- D	- C
	Tunnel On-Ramp	LD	T	Т	357	322	-35	0.44	0.40	13.3	12.6	В	В
		WB	TR	T R	257 42	104 17	-153 -25	0.75 0.19	0.30	19.1 11.1	6.3 4.4	B B	A A
		Intersection EB	Т	Т	415	365	-50	0.28	0.24	35.6 5.6	36.0 5.2	D A	D A
5b	Canal Street & Holland Tunnel On-	WB	T	Т	299	121	-178	0.87	0.35	55.9	29.2	E	С
	Ramp	Intersection	R	R	605	605	0	0.58	0.58	15.2 21.8	15.2 13.5	B C	B B
		NB	T R	T R	2136 163	2186 125	50 -38	0.94 0.40	0.96 0.31	38.4 23.4	41.1 21.3	D C	D C
7a	Canal Street S & West Street	SB	L	L	428	285	-143	0.44	0.29	53.1	38.4	D	D
	West street	Intersection	T	Т	1911	2014	103	0.71	0.75	6.5 26.3	7.5 25.7	A C	A C
		NB	TR	T R	1533 85	1578 90	45 5	0.62	0.64	20.8	21.2	C	C -
				L	5	5	0	-	-		-		-
9	West Street &	SB	TR	T R	2174 90	2349 86	175 -4	0.76	0.82	24.1	26.0	C	C -
	Albany Street	EB	LTR	L T	105 95	101 95	-4 0	0.60	0.60	36.6	36.9	- D	- D
			LIK	R	62	69	7	-	-	-	-		-
		Intersection NB		L	10	11	1	-	-	23.7	24.9	C -	C -
			T T	T T	1924 2165	1923 2304	-1 139	0.74 0.88	0.76 0.93	23.8 29.6	24.5 34.2	C	C
	Most Street 9	SB	R	R	170 144	164 136	-6 -8	0.42	0.40 0.53	20.5	20.1	C	C D
10	West Street & Vesey Street	EB	L R	L R	149	163	14	0.45	0.49	34.6	35.9	С	D
		WB	LT	L T	0	0	0	-	-	-	-	-	-
		Intersection	R	R	0	0	0	-	-	27.3	29.9	- C	C
		NB	TR	T	1996	1960	-36	0.88	0.86	36.9	35.9	D	D
			L	T L	46 179	44 165	-2 -14	0.47	0.44	52.9	52.2	D	- D
		SB	T R	T R	2063 85	2127 82	64 -3	0.74 0.36	0.76 0.34	18.7 45.4	19.4 45.1	B D	B D
11	West Street &	гр	LTR	L	45	43	-2	0.18	0.18	33.5	33.4		
	Chambers Street	EB		R	10	0 11	0	0.18	0.18	- 33.5	- 33.4	C -	- C
		WB	LT	L T	72 65	80 65	8	0.52	0.56	42.5	44.0	- D	- D
		Intersection	R	R	284	271	-13	0.60	0.57	28.2 29.7	27.3 29.3	C	C
		EB	T	T	631	372	-259	0.65	0.38	25.5	20.5	С	С
		WB	R T	R T	125 697	124 419	-1 -278	0.35 0.71	0.34 0.42	21.6 27.0	21.6 21.0	C	C
14	Canal Street/Manhattan	NB	T R	T R	269 431	255 245	-14 -186	0.46 0.44	0.44 0.25	31.5 1.3	31.1 0.5	C A	C A
	Bridge & Bowery	CD	L	L	396	189	-207	0.69	0.39	22.5	11.2	С	В
		SB	TR	T R	150 75	99 66	-51 -9	0.76	0.41	17.0	6.9	B -	A -
		Intersection NB	T	T	269	255	-14	0.25	0.23	20.9 0.7	17.0 0.7	C A	B A
15	Manhattan Bridge	SB	T	T	621	354	-267	0.40	0.23	19.0	17.0	В	В
	& Bowery	WB Intersection	R	R	272	21	-251	0.21	0.02	7.4 11.9	6.2 9.9	A B	A A
	(Ab A	WB	TR	T R	785 25	685 24	-100 -1	0.37	0.33	17.2	16.7	B -	B -
18	6th Avenue & Watts Street	NB	LT	L T	92 882	69 747	-23 -135	0.39	0.33	8.0	7.6	- A	- A
		Intersection								12.3	11.9	В	В
·		NEB	R	R L	389 165	318 141	-71 -24	0.70	0.57	40.2	36.6	D -	D -
	Canal Street & 6th	NB	LTR	T R	733	625	-108 -1	0.51	0.43	24.0	23.0	С	C -
19	Avenue/Laight Street	EB	T	T	417	383	-34	0.58	0.54	31.5	30.5	C	С
		WB	TR	T R	703 144	594 122	-109 -22	0.69	0.58	22.7	20.3	C -	C -
		Intersection								27.3	25.4	С	С

			Lov	ver Manhattan	Study Area - No	o-Action vs With Volume (vph)	-Action (No Mi		Peak Hour /C	Delay (s	seconds)	L	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
	Trinity Place &	NB	LT T	L T	1 9	0	-1 -9	0.01	-	- 9.5	-	- A	-
1	Edgar Street	EB	L	L	134	138	4	0.28	0.29	23.2	23.3 23.3	C	C C
		Intersection NB	TR	T	125	120	-5	0.21	0.20	34.1	23.3 35.8	C	D
2	Trinity Place &		LT	R L	18 81	18 59	-22	-	-	-	-		
2	Rector Street	EB	LI	T	40	39	-1	0.35	0.27	23.2	21.5	С	С
		Intersection	T	T	566	539	-27	0.32	0.31	29.1	29.8 23.2	C	C
2-	HCT Entrance/Exit	NB SB	R2 T	R2 T	1297	1520	223	0.65	0.77	1.5	2.6	Α	Α
3a	& West Street	WB	L	L	1297 351	1191 347	-106 -4	0.61 0.29	0.56 0.29	1.0 35.8	0.8 35.7	A D	A D
		Intersection NB	T	T	566	539	-27	0.28	0.26	8.4 0.5	8.4 0.5	A A	A
	HCT Exit & West	SB	TR	T	1297	1191	-106	0.69	0.63	31.2	29.6	С	С
3b	Street & West	EB	R	R R	0	0	0	-	-	-	-	-	-
	Thames Street	WB	R	R	510	510	0	0.48	0.48	39.5	39.5	D	D
		Intersection NB	L	L	445	396	-49	0.51	0.45	25.4 27.1	24.6 26.1	C	C
	Chambers Street &		T TR	T T	533 370	474 230	-59 -140	0.66 1.24	0.58 0.77	16.0 160.8	14.2 49.0	B F	B D
4	Centre Street	SB		R	15	11	-4	0.17	0.13	33.1	31.5	С	С
		EB Intersection	R	R	510	434	-76	1.18	1.01	131.1 80.0	74.1 39.8	F E	E D
			LT	L	45	45	0	-	- 0.00	-	-	-	-
		NB	R	T R	585 189	585 184	-5	0.88 0.31	0.88	44.6 26.5	44.6 26.4	D C	D C
	Canal Street & Hudson		R2 L	R2 L2	10 5	5	-5 0	0.05	0.02	24.0	23.4	C	C -
5a	Street/Holland	EB		L	225	209	-16	0.41	0.38	31.3	30.9	С	С
	Tunnel On-Ramp	11	T TR	T T	462 10	419 0	-43 -10	0.54	0.49	15.0 3.8	14.1	B A	B -
		WB		R	2	0	-2	0.01	-	4.0		Α	-
	Canal Street &	Intersection EB	T	T	472	424	-48	0.30	0.27	31.1	31.5 2.9	C A	C A
5b	Holland Tunnel On-	WB	T R	T R	12 1405	0 1405	-12 0	0.04 1.23	1.23	24.2 131.8	131.8	C	F
	Ramp	Intersection								99.7	102.7	F	F
		NB	T R	T R	2698 5	2647 5	-51 0	0.98	0.97 0.01	45.7 14.8	42.2 14.8	D B	D B
7a	Canal Street S & West Street	SB	L	L	559	476	-83	0.62	0.53	114.2	111.6	F	F
		Intersection	T	Т	1884	1854	-30	0.65	0.64	5.4 39.0	5.4 35.7	A D	A D
		NB	TR	T R	1284 49	1227 47	-57 -2	0.48	0.46	20.5	20.1	C	C -
				L	0	0	0	-	-		-	-	-
9	West Street &	SB	TR	T R	2324 80	2402 76	78 -4	0.70	0.72	25.1	25.7	C	C -
	Albany Street	FD.		L	140	140	0	-		-	-		-
		EB	LTR	T R	90 82	90 88	6	0.71	0.73	50.7	51.7	D -	D -
		Intersection		L	0	0	0			25.7	26.1	C -	C
		NB	T	T	1536	1469	-67	0.45	0.43	15.0	14.7	В	В
		SB	T R	T R	2465 140	2518 135	53 -5	0.83 0.33	0.85 0.31	25.1 15.5	26.0 15.3	C B	C B
10	West Street & Vesey Street	EB	L R	L R	100 122	99 129	-1 7	0.58 0.60	0.57 0.64	58.3 58.7	57.9 60.9	E E	E E
	vesey street		LT	L	10	10	0	-	-	-	-		-
		WB	R	T R	0	0	0	0.05	0.05	39.7	39.7	D -	D -
		Intersection		т	1070	1701	00	0.75	0.71	23.1	23.8	С	C
		NB	TR	T T	1879 38	1781 36	-98 -2	0.75	0.71	35.4	34.2	D -	C -
		SB	L T	L T	195 1945	182 1938	-13 -7	0.82 0.72	0.77 0.72	89.8 23.6	84.7 23.5	F C	F C
	Most Street o		R	R	95 50	90 50	-5 0	0.47	0.44	67.4	66.6	E	E -
11	West Street & Chambers Street	EB	LTR	L T	20	20	0	0.27	0.27	39.9	40.1	- D	D
			LT	R L	5 127	5 135	0	-	-	-	-	-	-
		WB		T	90	90	0	0.74	0.77	58.8	61.7	E	E
		Intersection	R	R	396	394	-2	0.72	0.72	40.9 35.5	40.6 34.7	D D	D C
		EB	T R	T R	1051 85	763 83	-288 -2	0.99 0.30	0.72 0.29	52.4 21.3	26.5 21.1	D C	C
	0- 1	WB	T	T	542	328	-214	0.52	0.31	22.2	19.4	С	В
14	Canal Street/Manhattan	NB	T R	T R	177 619	171 454	-6 -165	0.30 0.56	0.29 0.41	29.2 1.9	29.1 1.1	C A	C A
	Bridge & Bowery	SB	L TR	L T	677 105	370 32	-307 -73	1.02 0.26	0.56 0.08	55.1 4.3	13.8 3.4	E A	B A
				R	20	16	-4	0.06	0.05	2.8	2.8	Α	А
		Intersection NB	T	T	177	171	-6	0.16	0.15	34.4 1.6	17.9 1.5	C A	B A
15	Manhattan Bridge & Bowery	SB WB	T R	T R	802 416	418 203	-384 -213	0.40 0.32	0.21 0.16	18.8 8.3	16.8 7.0	B A	B A
	a bowery	Intersection								13.4	10.8	В	В
	(11.4	WB	TR	T R	219	188	-31 0	0.11	0.09	14.7	14.6	B -	B -
18	6th Avenue & Watts Street	NB	LT	L	173	147	-26	-	- 0.20	-	-		-
		Intersection		T	605	516	-89	0.34	0.29	35.7 30.8	35.1 30.3	D C	D C
		NEB	R	R L	447 44	381 39	-66 -5	0.79	0.67	44.3	39.1	D	D -
	Canal Street & 6th	NB	LTR	T	698	625	-73	0.43	0.38	22.9	22.3	С	С
19	Avenue/Laight	EB	T	R T	4 396	3 345	-1 -51	0.53	0.46	30.2	29.1	C	- C
	Street	WB	TR	T R	1333 10	1229 9	-104	0.96	0.88	38.9	30.1	D	C
		Intersection		К	10	y	-1	_		34.6	29.4	C	- C

				,		Volume (vph)	`	V	'/C	Delay (s	seconds)	L	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			TR	Т	1988	1695	-293	1.03	0.90	61.3	36.7	Е	D
		WB		R	207	207	0	-	-	-	-	-	-
	1 441- 64	WB2	TR	T	197	197	0	0.84	0.84	80.9	80.9	F	F
	14th Street / Holland Tunnel (E-	VVB2		R	5	5	0	-	-	-	-	-	-
1	W) & Marin	NB	L	L	273	273	0	0.97	0.97	76.7	76.7	E	E
	Boulevard (N-S)	IND	T	T	172	172	0	0.29	0.29	25.8	25.8	С	С
	boulevaru (14-3)	SB	TR	T	187	187	0	0.99	0.99	89.9	89.9	F	F
		30		R	152	152	0	-	-	-	-	-	-
		Intersection								65.2	50.0	E	D
			L	L	61	61	0	0.11	0.11	16.9	16.9	В	В
		WB	TR	T	2821	2528	-293	0.78	0.70	27.6	25.4	С	С
				R	40	40	0	-	-	-	-	-	-
4	14th Street (E-W) &	NB	L	L	86	86	0	0.25	0.25	26.7	26.7	С	С
•	Jersey Avenue (N-S)		T	T	727	727	0	0.57	0.57	32.7	32.7	С	С
		SB	TR	T	136	136	0	0.33	0.33	37.9	37.9	D	D
			R	R	818	818	0	1.04	1.04	86.2	86.2	F	F
		Intersection								39.0	38.5	D	D
			L	L	434	434	0	0.28	0.28	5.0	5.0	Α	Α
		SE	TR	T	662	662	0	1.05	1.05	107.3	107.3	F	F
				R	369	369	0	-	-	-	-	-	-
	12th Street (E-W) &			L	379	379	0	-	-	-	-	-	-
5	Jersey Avenue (N-S)	EB	LTR	Т	1064	986	-78	1.06	1.02	83.2	71.8	F	E
	,			R	667	667	0	-	-	-	-		-
		SB	L	L	126	126	0	0.73	0.73	109.1	109.1	F	F
]		T	T	71	71	0	0.72	0.72	107.4	107.4	F	F
		Intersection								82.4	75.9	F	E
			L	L	71	71	0	0.12	0.12	17.1	17.1	В	В
	12th Street/Holland	EB	TR	T	1948	1870	-78	1.04	1.00	62.3	50.9	E	D
	Tunnel (E-W) &		_	R	56	56	0	-		-	-	-	-
8	Marin Boulevard (N	NB	T	T	374	374	0	0.58	0.58	26.9	26.9	С	С
	S)	0.0	R	R	449	449	0	1.04	1.04	81.3	81.3	F	F
		SB	I	Т	187	187	0	0.29	0.29	21.4	21.4	C	С
		Intersection								56.5	49.3	E	D

			Linco	oln Tunnel Study	Area - No-Acti	on vs With-Actio	on (No Mitigatio	on)- Midday Pea	ık Hour				
						Volume (vph)		V	/C	Delay (s	seconds)	LOS	3
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With- Action
		SB	TR	T	977	920	-57	0.42	0.39	14.9	14.5	В	В
1	9th Ave and 33rd		L	R L	64 70	51 70	-13 0	0.28	0.28	26.5	26.5	C	- C
	Street	WB	T	T	108	92	-16	0.27	0.23	25.1	24.6	С	С
		Intersection	- 1	L	159	143	-16	0.44	0.41	16.5 37.2	16.2 36.7	B D	B D
		SB	R	R	95	90	-5	0.54	0.49	47.3	45.3	D	D
2	Dyer Ave and 34th	EB	LT	L T	5 370	5 337	-33	0.52	0.47	- 16.5	- 15.6	- В	- В
2	Street	WB	Т	T	405	409	4	0.59	0.60	18.2	18.4	В	В
			R	R	170	172	2	0.25	0.25	9.9	9.9	A	A
		Intersection	Т	Т	1396	1375	-21	0.61	0.61	21.1 23.6	20.5 23.4	C C	C
		NB	R	R	217	214	-3	0.58	0.57	28.6	28.3	C	C
2	12th Ave and 34th	SB	L	L	180	165	-15	0.62	0.56	63.3	63.4	E	E
3	Street	14/5	L	T L	1675 131	1567 134	-108 3	0.60 0.49	0.57 0.49	16.3 42.5	15.8 42.5	B D	B D
		WB	R	R	220	221	1	0.30	0.31	26.2	26.3	С	С
		Intersection		L	50	45	-5	-	-	24.2	24.0	C -	C -
		SB	LT	T	1102	45 859	-243	0.48	0.38	21.5	20.3	C	C
			R	R	100	90	-10	0.32	0.29	22.1	21.5	С	С
4	11th Ave and 42nd Street	EB	T R	T R	185 277	166 238	-19 -39	0.50 0.59	0.44 0.51	24.9 33.0	23.8 29.7	C C	C
	Street	WB	L	L	135	135	0	0.50	0.48	19.2	18.5	В	В
			T	T	581	581	0	0.51	0.51	16.1 21.2	16.1 20.1	B C	B C
		Intersection	TD	T	263	228	-35	0.87	0.76	58.7	47.6	E	D
		NB	TR	R	10	10	0	-	-	-	-		-
		SB	L T	L T	189 249	169 222	-20 -27	0.28 0.33	0.25 0.29	25.6 24.8	25.1 24.4	C C	C
5	Dyer Ave & West	93	R	R	80	71	-9	0.25	0.22	25.2	24.8	C	C
3	36th Street	EB	LTR	L T	0 198	0 178	-20	0.30	0.28	25.5	25.2	- C	- C
		LD	LIK	R	30	30	0	-	-	-	-	-	-
		WB	R	R	0	0	0	-	-	-	-	-	-
		Intersection	LT	L	0	0	0	-	-	34.6	31.1	C -	C -
	10th Ave and 33rd	NB		Т	1310	1260	-50	0.49	0.47	15.9	15.7	В	В
6	Street	WB	TR	T R	27 145	12 131	-15 -14	0.41	0.34	23.5	21.5	C -	С
		Intersection		IX.	143	131	-14	-		17.0	16.4	В	В
		SB	LTR	L T	75 736	71 697	-4 -39	- 0.47	- 0.64	22.3	21.7	- C	- C
		эĎ	LIK	R	120	121	-39 1	0.67	0.64	- 22.3	- 21.7	-	-
			L	L	160	152	-8	0.96	0.92	81.2	70.3	F	E
7	11th Ave and 34th Street	EB	T R	T R	182 55	173 54	-9 -1	0.29	0.28 0.38	26.1 33.5	26.0 33.3	C	C
			Ĺ	L	140	142	2	0.51	0.52	23.4	23.6	С	С
		WB	TR	T R	231 35	234 34	-1	0.84	0.84	51.3	51.3	D -	D -
		Intersection		ı\	33	34	-1		-	33.1	31.9	C	C
		NB	LT	L	233	157	-76	- 0.70	- 0.70	-	-	-	-
8	10th Ave and 41st		Т	T T	1450 690	1419 472	-31 -218	0.78 0.40	0.72 0.28	27.0 14.9	25.4 13.6	C B	C B
	Street	WB	R	R	540	533	-7	0.97	0.96	65.4	63.0	E	E
		Intersection	T	Т	1860	1861	1	1.03	1.03	31.3 54.8	31.0	C D	C
		NB	R	R	125	117	-8	0.45	0.42	22.8	55.3 22.3	С	E C
		SB	L	L	337	287	-50	0.65	0.55	48.9	46.3	D	D
	12th Ave and 42nd		Т	T L	1783 5	1669 5	-114 0	0.93	0.87	39.1	34.0	D -	C -
9	Street	EB	LTR	T	0	0	0	0.19	0.19	35.5	35.5	D	D
			1	R L	40 141	40 138	-3	0.41	0.40	39.3	39.0	- D	- D
		WB	L R	R	540	533	-3 -7	0.41	0.40	39.3 21.9	39.0 21.7	С	С
		Intersection								43.3	41.6	D	D

				Lincoln Tunnel	Study Area - No	-Action vs Actio	n (No Mitigatio	n)- PM Peak Ho	ur				
						Volume (vph)	<u> </u>		/C	Delay (:	seconds)	LOS	ì
Intersection#	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With- Action
		SB	TR	T R	1042	962 72	-80 -13	0.41	0.38	14.7	14.3	В	В
1	9th Ave and 33rd Street	WB	L	L	85 95	95	0	0.37	0.37	28.6	28.6	- C	C
		Intersection	T	T	211	195	-16	0.48	0.45	29.0 18.0	28.2 17.7	C B	C B
		SB	L R	L R	167 105	158 103	-9 -2	0.48 0.52	0.46 0.50	37.8 45.2	37.5 44.3	D D	D D
	Dyer Ave and 34th	EB	LT	L	0	0	0	-	-	-	-	-	-
2	Street	WB	T	T T	400 553	368 546	-32 -7	0.55 0.78	0.51 0.77	17.2 25.5	16.2 24.9	B C	B C
			R	R	90	89	-1	0.13	0.13	8.8	8.8	Α	Α
		Intersection	Т	Т	2222	2250	70	0.74	0.71	24.8	24.3	С	C
		NB	R	R	2322 286	2250 277	-72 -9	0.74 0.50	0.71 0.49	22.7 19.9	22.0 19.5	C B	C B
	4011 4 10411	60	L	L	293	276	-17	1.04	0.99	116.8	107.1	F	F
3	12th Ave and 34th Street	SB	T	T	2288	2105	-183	0.74	0.68	24.0	21.9	C	С
	311661	WB	L	L	86	81	-5	0.48	0.46	57.6	57.2	E	E
		Intersection	R	R	220	215	-5	0.39	0.38	44.9 29.9	44.6 28.2	D C	D C
		Intersection		L	15	12	-3	-		29.9	- 28.2	-	-
		SB	LT	T	700	527	-173	0.33	0.25	19.8	18.9	В	В
			R	R	45	37	-8	0.15	0.12	19.3	18.9	В	В
4	11th Ave and 42nd	EB	T	T	183	177	-6	0.55	0.50	26.1	25.0	С	С
	Street		R	R L	288 176	256 177	-32 1	0.65 0.50	0.59 0.49	37.0 19.4	33.5 19.0	D B	C B
		WB	T	T	185	185	0	0.30	0.49	12.6	12.6	В	В
		Intersection				.00		0.00	0.00	21.6	20.6	C	C
		NB	TR	T	142	111	-31	0.47	0.37	35.1	33.0	D	С
		.,,,		R	5	4	-1	-	- 0.50	- 21.0	- 20.5	-	-
		SB	L T	L	356 536	344 518	-12 -18	0.54 0.59	0.52 0.57	31.0 28.4	30.5 28.0	C C	C
_	Dyer Ave & West	35	R	R	105	102	-3	0.37	0.30	26.1	26.0	C	C
5	36th Street			L	120	119	-1	-	-		-		-
		EB	LTR	T	150	136	-14	0.49	0.46	28.5	28.1	С	С
		WB	R	R R	35 0	35 0	0	-	-	-	-	-	-
		Intersection	Л	, r	U	U	U			29.3	28.7	C	C
		NB	LT	L	0	0	0	-	-		-		-
	10th Ave and 33rd	ND		T	1641	1581	-60	0.61	0.58	17.5	17.2	В	В
6	Street	WB	TR	T	181	153	-28	0.45	0.42	18.9	17.7	В	В
		Intersection		R	115	114	-1	-	-	17.7	17.2	- B	- B
		3.00011011		L	35	30	-5	-	-				-
		SB	LTR	Т	245	208	-37	0.26	0.23	16.3	15.9	В	В
				R	60	51	-9	-	-	-	-		-
	11th Ave and 34th	EB	L T	L T	218 302	208 288	-10 -14	0.96 0.42	0.91 0.40	72.4 27.9	62.3 27.6	E C	E C
7	Street		R	R	59	57	-14	0.42	0.40	33.3	32.8	C	C
			L	L	110	110	0	0.42	0.41	20.2	20.1	С	С
		WB	TR	T	246	245	-1	0.90	0.89	59.0	57.4	E	E
		Intersection		R	45	44	-1	-	-	38.3	36.9	- D	- D
			LT	L	292	111	-181	-	-	38.3	36.9	- -	- D
	10th Avo and 41-1	NB		T	1603	1570	-33	0.88dl	0.70	29.1	25.0	С	С
8	10th Ave and 41st Street	WB	T	T	214	65	-149	0.14	0.04	12.4	11.6	В	В
			R	R	79	71	-8	0.22	0.20	31.7	31.4	C	C
		Intersection	Т	Т	2609	2559	-50	0.87	0.85	27.4 16.4	24.7 16.2	C B	C B
		NB	R	R	123	116	-7	0.28	0.26	7.6	7.7	A	A
		SB	L	L	348	317	-31	1.05	0.95	123.4	103.6	F	F
	1045 4	55	T	T	2509	2308	-201	0.91	0.84	29.2	24.1	С	С
9	12th Ave and 42nd Street	EB	LTR	L T	5 0	5	0	0.04	0.04	47.0	47.0	- D	- D
	311661	LD	LIK	R	0	0	0	-	-	-	-	-	-
		WB	L	L	95	91	-4	0.37	0.36	53.8	53.4	D	D
			R	R	135	131	-4	0.28	0.27	35.3	35.2	D	D
		Intersection				L				29.3	25.6	С	С

	1		Lin	coln Tunnel Stu	dy Area - No-Ad	ction vs With-Ac	tion (No Mitiga						
						Volume (vph)		V	/C	Delay (seconds)	LOS	5
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With- Action
		SB	TR	T R	1059 60	1018 56	-41 -4	0.46	0.44	15.3	15.1	В	В
1	9th Ave and 33rd Street	WB	L	L	50	50 50	0 -3	0.19	0.19	25.1 24.9	25.1 24.8	C	C
		Intersection		'	100	71	-3	0.23	0.24	16.5	16.3	В	В
		SB	L	L	245	240	-5	0.81	0.80	54.1	52.8	D	D
	Dyer Ave and 34th	EB	R LT	R L	155 0	153 0	-2 0	0.87	0.86	81.2 -	80.1	F -	F -
2	Street	ED	T	T	411 350	395 345	-16 -5	0.62 0.52	0.60 0.51	19.2 16.8	18.5 16.6	B B	B B
		WB	R	R	75	74	-1	0.32	0.31	8.6	8.6	A	A
		Intersection								32.1	31.5	С	С
		NB	T	T R	1833 222	1812	-21	0.73 0.56	0.73	29.5	29.2	C	C
			R L	L	169	219 160	-3 -9	0.56	0.55	29.4 53.0	29.2 54.5	C D	C D
3	12th Ave and 34th Street	SB	T	T	2023	1912	-111	0.69	0.65	2.9	3.0	A	A
	Jucci	WB	L	L	141	136	-5	0.60	0.59	61.6	61.1	E	E
		Intersection	R	R	200	200	0	0.34	0.34	34.7 20.7	34.7 21.0	C C	C
		HITCH SECTION	I.T.	L	60	56	-4	-	-	-	-	-	-
		SB	LT	T	1068	965	-103	0.48	0.43	21.4	20.9	С	С
	4411 A 140 1		R	R	90	84	-6	0.28	0.26	21.4	21.0	C	С
4	11th Ave and 42nd Street	EB	T R	T R	199 230	187 220	-12 -10	0.48 0.56	0.45 0.53	24.6 32.2	24.2 30.9	C	C
	01.001	WD	L	L	126	126	0	0.57	0.56	23.3	22.8	C	C
		WB	T	T	396	396	0	0.40	0.40	14.3	14.3	В	В
		Intersection		T	70	62	-8	0.31	0.29	21.2 32.2	20.7 31.8	C C	C
		NB	TR	R	20	19	-8 -1	- 0.31	0.29	32.2	31.0	-	-
			L	L	434	427	-7	0.69	0.68	37.4	36.8	D	D
		SB	T	T	633	623	-10	0.77	0.76	33.5	33.0	С	С
5	Dyer Ave & West 36th Street		R	R	209	206 0	-3 0	0.65	0.64	36.0	35.5	D -	D -
	John Street	EB	LTR	T	140	131	-9	0.27	0.26	25.2	25.0	С	С
				R	25	24	-1	-	-	-	-	-	-
		WB Intersection	R	R	0	0	0	-	-	33.4	33.0	- C	- C
			LT	L	0	0	0	-	-	-	-	-	-
	10th Ave and 33rd	NB		T	1241	1219	-22	0.51	0.50	16.2	16.1	В	В
6	Street	WB	TR	T R	0 160	0 153	-7	0.34	0.32	22.5	21.8	C	C -
		Intersection		K	100	133	-1	-	-	16.9	16.7	В	В
				L	115	111	-4	-	-	-	-	-	-
		SB	LTR	T	907	878	-29	0.76	0.74	24.9	24.1	С	С
			L	R L	110 110	106 107	-4 -3	0.76	0.74	47.0	44.4	- D	- D
7	11th Ave and 34th	EB	T	T	201	193	-8	0.29	0.28	26.1	26.0	С	С
,	Street		R	R	80	79	-1	0.61	0.60	46.0	45.5	D	D
		WB	L	T	176 231	175 230	-1 -1	0.78 0.83	0.77 0.82	40.6 51.3	39.8 50.1	D D	D D
		.,,,	TR	R	25	24	-1	-	-	-	-	-	-
		Intersection								32.5	31.7	С	С
		NB	LT	L T	172 1224	150 1211	-22 -13	0.71	0.69	25.4	24.8	- C	- C
8	10th Ave and 41st	M/D	T	T	531	459	-13	0.71	0.69	14.8	14.2	В	В
	Street	WB	R	R	484	476	-8	0.99	0.97	71.8	68.0	E	E
		Intersection	т	т	2254	2241	10	0.00	0.00	32.3	31.6	С	С
		NB	T R	T R	2254 155	2241 152	-13 -3	0.98 0.40	0.98	73.0 46.1	72.0 46.0	E D	E D
		SB	L	L	274	255	-19	0.50	0.46	55.9	55.1	E	E
	10th Aug 40	JD	T	T	2220	2099	-121	0.88	0.83	30.5	27.6	С	С
9	12th Ave and 42nd Street	EB	LTR	L T	5	5	0	0.03	0.03	47.0	47.0	- D	- D
	5661	-5		R	0	0	0	-	-	-	-	-	-
		WB	L R	L R	126 360	126 354	0 -6	0.37 0.50	0.37 0.49	53.2 29.1	53.2 29.0	D C	D C

			Linco	oln Tunnel Study	/ Area - No-Acti	on vs With-Actio	on (No Mitigatio						
						Volume (vph)		V	/C	Delay (s	seconds)	LOS	<u> </u>
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With- Action
		SB	TR	T R	977 64	920 51	-57 -13	0.42	0.39	14.9	14.5	В -	В -
1	9th Ave and 33rd Street	WB	L	L T	70	70	0	0.28	0.28	26.5	26.5	С	С
		Intersection	ı	ı	108		-16	0.27	0.23	25.1 16.5	24.6 16.2	C B	C B
		SB	L R	L R	159 95	143 90	-16 -5	0.44 0.54	0.41	37.2 47.3	36.7 45.3	D D	D D
2	Dyer Ave and 34th	EB	LT	L T	5 370	5 337	-33	0.52	0.47	- 16.5	- 15.6	- В	- В
	Street	WB	T R	T R	405 170	409 172	4 2	0.59 0.25	0.60 0.25	18.2 9.9	18.4 9.9	B A	B A
		Intersection						0.00		21.1	20.5	C	С
		NB	T	T	1396	1375	-21	0.61	0.61	23.6	23.4	С	С
			R	R	217	214	-3	0.58	0.57	28.6	28.3	С	С
3	12th Ave and 34th	SB	L T	L T	180 1675	165 1567	-15 -108	0.62	0.56 0.57	63.3 16.3	63.4 15.8	В	E B
-	Street	WB	L	L	131	134	3	0.49	0.49	42.5	42.5	D	D
			R	R	220	221	1	0.30	0.31	26.2	26.3	С	C
		Intersection		L	50	45	-5	-	-	24.2	24.0	C	C -
		SB	LT	T	1102	859	-243	0.48	0.38	21.5	20.3	C	C
			R	R	100	90	-10	0.32	0.29	22.1	21.5	C	С
4	11th Ave and 42nd	EB	T	T	185	166	-19	0.50	0.44	24.9	23.8	С	С
	Street		R	R	277 135	238 135	-39 0	0.59 0.50	0.51 0.48	33.0 19.2	29.7 18.5	C B	C B
		WB	T	T	581	581	0	0.51	0.40	16.1	16.1	В	В
		Intersection								21.2	20.1	С	С
		NB	TR	T R	263 10	228 10	-35 0	0.87	0.76	58.7 -	47.6 -	E	D -
			L	L	189	169	-20	0.28	0.25	25.6	25.1	С	С
	Dyer Ave & West	SB	T R	T R	249 80	222 71	-27 -9	0.33 0.25	0.29 0.22	24.8 25.2	24.4 24.8	C C	C
5	36th Street		K	L	0	0	0	-	-		-	-	-
		EB	LTR	T	198	178	-20	0.30	0.28	25.5	25.2	С	С
		WB	R	R R	30	30	0	-	-	-	-	-	-
		Intersection	IX.	IX.	0	Ü	0	-		34.6	31.1	C	С
		NB	LT	L	0	0	0	-	-	-	-	-	-
,	10th Ave and 33rd	145	TD	T	1310	1260	-50	0.49	0.47	15.9	15.7	В	В
6	Street	WB	TR	T R	27 145	12 131	-15 -14	0.41	0.34	23.5	21.5	C	C -
		Intersection								17.0	16.4	В	В
		00	LTD	L	75	71	-4	-	-	-	-	-	-
		SB	LTR	T R	736 120	697 121	-39 1	0.67	0.64	22.3	21.7	C -	C -
			L	L	160	152	-8	0.96	0.92	81.2	70.3	F	E
7	11th Ave and 34th	EB	Ţ	T	182	173	-9	0.29	0.28	26.1	26.0	С	С
	Street		R L	R L	55 140	54 142	-1 2	0.39 0.51	0.38 0.52	33.5 23.4	33.3 23.6	C C	C
		WB		T	231	234	3	0.84	0.32	51.3	51.3	D	D
			TR	R	35	34	-1	-	-		-		-
		Intersection	LT	L	233	157	-76		-	33.1	31.9	C -	С
	4011 4	NB	LI	T	1450	1419	-76	0.78	0.72	27.0	25.4	C	C
8	10th Ave and 41st Street	WB	T	T	690	472	-218	0.40	0.28	14.9	13.6	В	В
	Sireei		R	R	540	533	-7	0.97	0.96	65.4	63.0	E	E
		Intersection	T	T	1860	1861	1	1.03	1.03	31.3 54.8	31.0 55.3	C D	C E
		NB	R	R	125	117	-8	0.45	0.42	22.8	22.3	C	C
		SB	L	L	337	287	-50	0.65	0.55	48.9	46.3	D	D
	12th Ave and 42nd		T	T L	1783 5	1669 5	-114 0	0.93	0.87	39.1	34.0	D -	C -
9	Street	EB	LTR	T	0	0	0	0.19	0.19	35.5	35.5	D	D
				R	40	40	0	-	-	-	-		-
	1	WB	L	L	141	138	-3	0.41	0.40	39.3	39.0	D	D
		VVD	R	R	540	533	-7	0.64	0.64	21.9	21.7	С	С

				Lincoln Tunnel	Study Area - No	-Action vs Actio	n (No Mitigatio	n)- PM Peak Ho	ur				
						Volume (vph)	, , , , , , , , , , , , , , , , , , ,		/C	Delay (:	seconds)	LOS	S
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With- Action
		SB	TR	T	1042	962	-80	0.41	0.38	14.7	14.3	В	В
1	9th Ave and 33rd		1	R L	85 95	72 95	-13 0	0.37	0.37	28.6	28.6	C	- C
•	Street	WB	T	T	211	195	-16	0.48	0.45	29.0	28.2	C	C
		Intersection				150			2.11	18.0	17.7	В	В
		SB	L R	L R	167 105	158 103	-9 -2	0.48 0.52	0.46 0.50	37.8 45.2	37.5 44.3	D D	D D
	Dyer Ave and 34th	EB	LT	L	0	0	0	-	-	-	-	-	-
2	Street		Т	T T	400 553	368 546	-32 -7	0.55 0.78	0.51 0.77	17.2 25.5	16.2 24.9	B C	B C
		WB	R	R	90	89	-1	0.13	0.13	8.8	8.8	Α	Α
		Intersection	-	т	0000	2052	70	0.74	0.74	24.8	24.3	C	C
		NB	R	R	2322 286	2250 277	-72 -9	0.74 0.50	0.71 0.49	22.7 19.9	22.0 19.5	C B	C B
	12th Ave and 34th	SB	L	L	293	276	-17	1.04	0.99	116.8	107.1	F	F
3	Street	36	T	T	2288	2105	-183	0.74	0.68	24.0	21.9	С	С
		WB	L R	L R	86 220	81 215	-5 -5	0.48	0.46 0.38	57.6 44.9	57.2 44.6	E D	E D
		Intersection	11			210		0.07	0.30	29.9	28.2	С	C
		0.0	LT	L	15	12	-3	-	-	-	-	-	-
		SB	R	T R	700 45	527 37	-173 -8	0.33 0.15	0.25 0.12	19.8 19.3	18.9 18.9	B B	B B
4	11th Ave and 42nd	EB	T	T	183	177	-6	0.55	0.50	26.1	25.0	C	C
4	Street	ED	R	R	288	256	-32	0.65	0.59	37.0	33.5	D	С
		WB	L T	L T	176 185	177 185	0	0.50 0.30	0.49 0.30	19.4 12.6	19.0 12.6	B B	B B
		Intersection			103	100	0	0.30	0.30	21.6	20.6	С	C
		NB	TR	T	142	111	-31	0.47	0.37	35.1	33.0	D	С
			1	R L	5 356	4 344	-1 -12	0.54	0.52	31.0	30.5	C	- C
		SB	T	T	536	518	-18	0.59	0.57	28.4	28.0	C	C
5	Dyer Ave & West		R	R	105	102	-3	0.31	0.30	26.1	26.0	С	С
	36th Street	EB	LTR	L T	120 150	119 136	-1 -14	0.49	0.46	28.5	28.1	- C	- C
				R	35	35	0	-	-	-	-	-	-
		WB	R	R	0	0	0	-	-	- 20.2	-	- C	- C
		Intersection	LT	L	0	0	0	-	-	29.3	28.7	-	-
	10th Ave and 33rd	NB		T	1641	1581	-60	0.61	0.58	17.5	17.2	В	В
6	Street	WB	TR	T R	181 115	153 114	-28 -1	0.45	0.42	18.9	17.7	B -	B -
		Intersection		K	113	114	-1	-	-	17.7	17.2	В	В
				L	35	30	-5	-	-	-	-		-
		SB	LTR	T R	245 60	208 51	-37 -9	0.26	0.23	16.3	15.9	B -	B -
			L	L	218	208	-10	0.96	0.91	72.4	62.3	E	E
7	11th Ave and 34th	EB	T	T	302	288	-14	0.42	0.40	27.9	27.6	C	C
	Street		R L	R L	59 110	57 110	-2 0	0.39 0.42	0.38 0.41	33.3 20.2	32.8 20.1	C C	C
		WB	TR	T	246	245	-1	0.90	0.89	59.0	57.4	Ē	E
		Intere	1 IX	R	45	44	-1	-	-	- 20.2	- 24.0		-
		Intersection	LT	L	292	111	-181	-	-	38.3	36.9	D -	D -
	10th Ave and 41st	NB		T	1603	1570	-33	0.88dl	0.70	29.1	25.0	С	С
8	Street	WB	T	T	214	65	-149	0.14	0.04	12.4	11.6	В	В
		Intersection	R	R	79	71	-8	0.22	0.20	31.7 27.4	31.4 24.7	C C	C
		NB	Т	T	2609	2559	-50	0.87	0.85	16.4	16.2	В	В
		IND	R	R	123	116	-7	0.28	0.26	7.6	7.7	A	A
		SB	L T	L T	348 2509	317 2308	-31 -201	1.05 0.91	0.95 0.84	123.4 29.2	103.6 24.1	F C	F C
9	12th Ave and 42nd			L	5	5	0	-	-	-	-		-
,	Street	EB	LTR	T R	0	0	0	0.04	0.04	47.0	47.0	D -	D
		14/5	L	L R	95	91	-4	0.37	0.36	53.8	53.4	- D	- D
		WB	R	R	135	131	-4	0.28	0.27	35.3	35.2	D	D
		Intersection								29.3	25.6	С	С

						Volume (vph)		V	'/C	Delay (s	seconds)	LO	OS
ntersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	L	L	20	19	-1	0.09	0.09	4.1	4.1	A	А
	F 0711 01 1 0 0 1	NB	T	T	826	773	-53	0.60	0.56	6.8	6.4	Α	Α
1	E 37th Street & 3rd	WD	T	T	728	745	17	0.58	0.59	18.6	18.9	В	В
	Avenue	WB	R	R	263	271	8	0.75	0.78	47.9	49.6	D	D
	•	Intersection								17.4	18.1	В	В
		60	L	L	438	415	-23	0.65	0.62	33.2	32.2	С	С
		SB	Т	Т	1006	970	-36	0.52	0.50	12.1	11.8	В	В
•	E 36th Street & 2nd	- FD	T	T	431	408	-23	0.48	0.45	27.5	27.2	С	С
2	Avenue	EB	TR	R	47	45	-2	-	-	-	-	-	-
		WB	L	L	515	515	0	1.67	1.61	340.7	311.9	F	F
		Intersection								93.6	88.9	F	F
			LT	ı	94	88	-6	-		-	-	-	-
		NB	T	T	1005	949	-56	0.54	0.51	19.4	18.9	В	В
			R	R	104	99	-5	1.02	0.98	116.9	104.1	F	F
3	E 34th Street & 3rd	EB	T	Т	416	379	-37	1.01	0.92	73.5	53.9	Е	D
	Avenue		T	Т	402	380	-22	1.04	0.98	84.1	69.6	F	Е
		WB	R	R	50	48	-2	0.18	0.18	21.3	21.2	С	С
		Intersection								47.5	39.9	D	D
			LT	L	109	103	-6	-	-	-	-		-
		NB	T	T	946	894	-52	0.48	0.46	2.5	2.4	Α	Α
4	E 35th Street & 3rd	WD	TR	T	574	535	-39	0.61	0.57	26.4	25.5	С	С
	Avenue	WB	R	R	55	52	-3	0.16	0.15	20.7	20.5	С	С
		Intersection								11.0	10.6	В	В
			L	L	370	363	-7	0.66	0.65	34.1	34.1	С	С
		SB	Т	T	1453	1422	-31	0.83	0.81	24.7	23.7	С	С
	E 24th Ctt 0 2		1	R	120	117	-3	1.18	1.15	162.2	150.8	F	F
5	E 34th Street & 2nd	EB	T	T	572	561	-11	0.76	0.74	34.8	34.2	С	С
	Ave	EB	R	R	116	114	-2	0.63	0.62	42.3	41.7	D	D
		WB	T	T	195	191	-4	0.51	0.50	30.5	30.3	С	С
	<u> </u>	Intersection								35.3	34.1	D	С
		SB	T	T	1393	1358	-35	0.56	0.55	16.1	16.2	В	В
		3D	R	R	175	172	-3	0.55	0.54	19.5	19.7	В	В
,	E 35th Street & 2nd	EB	R	R	473	468	-5	0.64	0.64	26.8	26.6	С	С
6	Ave	WB	T	T	87	86	-1	0.14	0.14	18.3	18.3	В	В
		VVB	L	L	77	76	-1	0.14	0.14	18.9	18.9	В	В
		Intersection								19.0	19.0	В	В

			Queens Midto	wn Tunnel (Mar	nhattan) Study .	Area - No-Action	vs With-Action	, ,	, ,				
						Volume (vph)		V	/C	Delay (s	seconds)	L	OS
Intersection #	Intersection NMDe	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		ND	L	L	44	37	-7	0.16	0.14	6.5	4.8	Α	A
	F 2745 Ct+ 0 21	NB	T	T	635	553	-82	0.49	0.43	5.9	4.7	Α	A
1	E 37th Street & 3rd Avenue	WB	T	T	577	638	61	0.95	1.05	49.3	74.7	D	E
	Avenue	VVD	R	R	265	303	38	0.73	0.84	44.8	52.8	D	D
		Intersection								29.2	43.3	С	D
		SB	L	L	242	248	6	0.43	0.44	28.6	28.8	С	С
	E 36th Street & 2nd	3B	T	T	1035	990	-45	0.50	0.48	11.7	11.5	В	В
2	Avenue	EB	T	T	1278	1335	57	1.34	1.40	189.4	211.6	F	F
	Avenue	ED	TR	R	85	83	-2	-	-	-	-	-	-
		Intersection								106.1	121.1	F	F
			LT	L	24	21	-3	-	-	-	-	-	-
		NB	T	T	1075	949	-126	0.48	0.42	18.5	17.8	В	В
	F 34th Street & 3rd		R	R	173	162	-11	0.78	0.73	47.2	41.9	D	D
3	Avenue	EB	T	T	445	367	-78	0.96	0.80	62.0	39.1	E	D
	Avenue	WB	T	T	450	446	-4	0.98	0.97	65.0	63.1	E	E
		WB	R	R	80	83	3	0.30	0.31	23.4	23.6	С	С
		Intersection								38.9	33.8	D	С
		NB	LT	L	83	76	-7	-	-	-	-	-	-
	E 35th Street & 3rd	IND	T	T	1072	956	-116	0.82	0.73	14.3	11.6	В	В
4	Avenue	WB	TR	T	519	490	-29	0.57	0.54	25.4	24.8	С	С
	Avenue		R	R	60	58	-2	0.19	0.19	21.4	21.3	С	С
		Intersection								18.0	16.3	В	В
			L	L	229	226	-3	0.37	0.37	29.5	30.0	С	С
		SB	TR	T	1325	1271	-54	0.73	0.70	21.9	21.2	С	С
	E 34th Street & 2nd			R	45	43	-2	0.34	0.33	18.9	18.5	В	В
5	Ave	EB	T	T	591	577	-14	0.75	0.73	34.3	33.6	С	С
			R	R	130	126	-4	0.59	0.57	37.9	36.9	D	D
		WB	T	Ť	253	234	-19	0.63	0.58	33.8	32.2	С	С
		Intersection		_						27.4	26.7	С	C
		SB	T	T	1040	992	-48	0.58	0.55	12.1	11.9	В	В
		,	TR	R	80	81	1	-	-	-	-	-	-
6	E 35th Street & 2nd	EB	R	R	476	467	-9	0.62	0.61	26.1	25.9	С	С
	Ave	WB	T	Т	88	86	-2	0.15	0.14	18.4	18.3	В	В
			L	L	83	81	-2	0.15	0.15	19.0	19.0	В	В
		Intersection								16.6	16.4	В	В

			Queens Mid	town Tunnel (M	anhattan) Stud	y Area - No-Acti	on vs With-Acti	on (No Mitigatio	n) - PM Peak Ho	our			
						Volume (vph)		V	/C	Delay (s	seconds)	L	OS
Intersection #	Intersection NPMe	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	L	L	25	22	-3	-	-	-	-	-	-
	E 37th Street & 3rd	IND	T	T	873	780	-93	0.52	0.46	2.9	2.6	Α	A
1	Avenue	WB	T	T	618	628	10	0.51	0.51	17.2	17.3	В	В
	Avenue	VVD	R	R	274	293	19	0.69	0.73	42.1	44.7	D	D
		Intersection								14.0	15.3	В	В
		SB	L	L	364	421	57	0.55	0.64	30.2	32.3	С	С
	E 36th Street & 2nd	30	T	T	1567	1488	-79	0.67	0.64	14.4	13.7	В	В
2	Avenue	EB	T	T	1044	1209	165	0.79	0.90	33.4	39.6	С	D
	Avenue	L	TR	R	61	59	-2	-	-	-	-	-	=
		Intersection								23.4	26.8	С	С
			LT	L	69	64	-5	-	-	-	-	-	-
		NB	T	T	1418	1297	-121	0.65	0.59	21.2	20.2	С	С
	E 34th Street & 3rd		R	R	124	118	-6	0.68	0.65	38.6	36.2	D	D
3	Avenue	EB	T	T	386	320	-66	0.81	0.67	40.3	31.9	D	С
	Avenue	WB	T	T	431	403	-28	1.04	0.97	80.6	63.5	F	E
		WB	R	R	79	75	-4	0.30	0.28	23.4	23.1	С	С
		Intersection								35.9	30.9	D	С
		NB	LT	L	173	163	-10	-	-	-	-	-	-
	E 35th Street & 3rd	110	T	T	1324	1209	-115	0.81	0.75	9.0	7.9	Α	A
4	Avenue	WB	TR	T	429	375	-54	0.48	0.42	23.9	22.9	С	С
	Avenue		R	R	35	31	-4	0.13	0.11	20.4	20.1	С	С
		Intersection								12.6	11.5	В	В
			L	L	259	251	-8	0.42	0.41	24.3	24.8	С	С
		SB	T	T	1657	1581	-76	0.84	0.80	28.5	21.7	С	С
	E 34th Street & 2nd		R	R	55	52	-3	1.28	1.21	231.7	207.1	F	F
5	Ave	EB	T	T	428	431	3	0.58	0.58	29.4	29.4	С	С
	,		R	R	111	108	-3	0.60	0.58	39.0	38.0	D	D
		WB	T	T	202	182	-20	0.50	0.45	30.0	28.8	С	С
		Intersection								33.5	28.9	С	С
		SB	T	T	1533	1454	-79	0.61	0.58	10.8	10.5	В	В
			R	R	95	93	-2	0.29	0.29	10.2	10.2	В	В
6	E 35th Street & 2nd	EB	R	R	437	430	-7	0.56	0.55	24.8	24.5	С	С
· ·	Ave	WB	T	T	1	0	-1	-	-	17.0	-	В	-
			L	L	1	0	-1	-	-	17.0	-	В	-
		Intersection								13.8	13.6	В	В

			Queens Midtow	n Tunnel (Manh	nattan) Study Ar	ea - No-Action v	vs With-Action ((No Mitigation)	- Late Night Pea	k Hour			
						Volume (vph)		V	'/C	Delay (s	seconds)	L	OS
Intersection #	Intersection NLNe	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	L	L	25	20	-5	0.08	0.07	3.7	3.6	Α	A
	E 37th Street & 3rd	IND	T	T	1063	893	-170	0.55	0.46	4.9	4.4	Α	A
1	Avenue	WB	T	T	372	477	105	0.29	0.37	14.4	15.3	В	В
	Avenue	WB	R	R	339	471	132	0.98	1.36	78.4	210.0	E	F
		Intersection								21.8	62.9	С	E
		SB	L	L	421	628	207	0.53	0.78	29.6	37.4	С	D
	E 36th Street & 2nd	35	T	T	1530	1493	-37	0.67	0.66	14.3	14.0	В	В
)	Avenue	EB	T	T	580	816	236	0.56	0.76	28.7	33.3	С	С
	Avenue		TR	R	50	43	-7	-	-	-	-	-	-
		Intersection								20.3	24.4	С	С
			LT	L	39	32	-7	-	-	-	-	-	-
		NB	T	T	1257	1069	-188	0.52	0.44	18.9	17.9	В	В
	E 34th Street & 3rd		R	R	193	175	-18	0.57	0.52	25.8	24.1	С	С
3	Avenue	EB	T	T	500	417	-83	0.52	0.43	24.5	23.1	С	С
	rivende	WB	T	T	321	350	29	0.36	0.39	22.1	22.5	С	С
			R	R	100	113	13	0.33	0.37	23.6	24.5	С	С
		Intersection								21.3	20.6	С	С
		NB	LT	L	54	47	-7	-	-	-	-	-	-
	E 35th Street & 3rd		T	T	1303	1135	-168	0.52	0.45	4.3	5.1	Α	A
4	Avenue	WB	TR	T	461	427	-34	0.51	0.47	24.3	23.7	С	С
			R	R	60	57	-3	0.17	0.16	20.7	20.5	С	С
		Intersection								10.1	10.7	В	В
I		c p	L	L	350	330	-20	0.57	0.53	26.7	25.5	C	C
		SB	TR	T	1406	1357	-49	0.72	0.70	14.3	12.9	В	В
5	E 34th Street & 2nd		Ŧ	R T	105 623	82	-23	0.28	0.22	8.0	7.0	A C	A C
5	Ave	EB	R	R R	623 75	631 72	-3	0.66	0.66	29.9	29.9	C	-
		WB	K T	K T	210	119	-3 -91	0.28	0.16	24.5	23.1	C	C
		Intersection	'	'	210	119	-91	U.20	U. 10	24.5	19.7	C	B
			Ŧ	T	1485	1438	47	0.40	0.//	20.6	11.2	В	
		SB	TR	R	95	98	-47 3	0.68	0.66		11.2	В .	В
	E 35th Street & 2nd	EB			95 295	98 276	-19	0.37	0.34	21.2	20.8	C	C
6	Ave	EB	R T	R T	295 86	59	-19	0.37	0.34	18.2	17.8	В	B
	Ave	WB			81	55	-21	0.13	0.09	18.6	17.8	В	В
		Intersection		_	Ŭ.		2.0	0.10	0.07	13.5	13.0	В	В

			•	Red Hook Stu	dy Area - No-Ac	tion vs With-Act	ion (No Mitigat	ion) - AM Peak	Hour	•			
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	/C	Delay (s	seconds)	L	OS
Intersection #	intersection Marine	Арргоасп	Larie Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		EB	TR	Т	112	112	0	0.42	0.42	44.6	44.6	D	D
		LD	TIX	R	0	0	0	-	-	-	-	-	-
		NB	LT	L	260	260	0	-	-	-	-	-	-
		ND	LI	T	2425	2395	-30	0.65	0.64	7.8	7.9	Α	Α
	Hamilton Avenue .	SB	RT	T	1118	1140	22	0.40	0.41	8.3	8.4	Α	Α
1	Clinton Street &	(at West 9th)	KI	R	82	84	2	-	-	-	-	-	-
	West 9 Street	SB	L	L	249	254	5	0.29	0.29	4.7	4.7	Α	Α
	West 7 Street	(at Clinton St)	TR	T	866	881	15	0.53	0.54	6.7	6.7	Α	Α
		(at clinton st)	I K	L	118	120	2	-	-	-	-	-	-
		WB	T	T	115	115	0	0.14	0.14	54.5	54.6	D	D
		WD	L	L	145	145	0	0.24	0.24	58.4	58.8	E	E
		Intersection								10.0	10.1	Α	В
	Hamilton Avenue	NB	T	T	2081	2050	-31	0.60	0.59	14.5	14.3	В	В
2	NB & West 9 Street	WB	R	R	243	239	-4	0.42	0.41	36.5	36.4	D	D
	IND & West 7 Street	Intersection								17.1	17.0	В	В

				Red Hook Study	Area - No-Actio	on vs With-Actio	n (No Mitigatio	n) - Midday Pea	k Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	/C	Delay (s	seconds)	L	OS
IIItersection #	intersection warne	Арргоасп	Larie Group	Wovernerit	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		EB	TR	T	114	114	0	0.39	0.39	41.8	41.8	D	D
		LD	TK.	R	0	0	0	-	-	-	-	-	-
		NB	LT	L	245	245	0	-	-	-	-	-	-
		IND	LI	T	2226	2289	63	0.62	0.63	8.4	9.2	Α	Α
	Hamilton Avenue	SB	RT	T	1167	1283	116	0.43	0.48	9.5	10.0	Α	A
1	Clinton Street &	(at West 9th)	KI	R	93	100	7	-	-	-	-	-	-
· ·	West 9 Street	SB	L	L	258	291	33	0.28	0.31	4.7	4.6	Α	Α
	West / Street	(at Clinton St)	TR	T	905	977	72	0.57	0.62	7.3	7.4	Α	Α
		(at chirton st)	TK.	L	134	145	11	-	-	-	-	-	-
		WB	T	T	130	130	0	0.14	0.14	55.6	55.3	E	E
		WD	L	L	115	115	0	0.16	0.16	56.1	55.6	Е	E
		Intersection								10.4	10.7	В	В
	Hamilton Avenue	NB	T	T	1967	2001	34	0.54	0.54	10.9	11.1	В	В
2	NB & West 9 Street	WB	R	R	132	128	-4	0.29	0.28	38.8	38.6	D	D
	IND & WEST 4 SHEET	Intersection	·							13.0	13.0	В	В

				Red Hook Stu	dy Area - No-Ad	tion vs With-Act	tion (No Mitigat	ion) - PM Peak	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	//C	Delay (s	seconds)	LO	OS
IIItersection #	intersection warne	Арргоасп	Larie Group	Wovernerit	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		EB	TR	T	120	120	0	0.35	0.35	40.8	40.8	D	D
		LD	110	R	0	0	0	-	-	'n	=	1	-
		NB	ΙΤ	L	200	200	0	-	-	,	-	-	-
		ND	LI	T	2066	1998	-68	0.56	0.55	9.6	10.3	A	В
	Hamilton Avenue .	SB	RT	T	1312	1394	82	0.46	0.49	9.7	10.1	A	В
1	Clinton Street &	(at West 9th)	KI	R	57	60	3	-	-	-	-	-	-
'	West 9 Street	SB	L	L	287	305	18	0.29	0.31	4.1	4.0	Α	Α
	West / Street	(at Clinton St)	TR	T	1022	1080	58	0.63	0.66	7.1	7.5	Α	Α
		(at oiinton st)	TK	L	108	114	6	-	-	'n	=	1	-
		WB	T	T	105	105	0	0.15	0.15	58.6	59.2	E	E
		WD	L	L	95	95	0	0.16	0.16	58.9	59.5	E	E
		Intersection								10.7	11.1	В	В
	Hamilton Avenue	NB	T	T	1729	1650	-79	0.48	0.45	11.3	10.7	В	В
2	NB & West 9 Street	WB	R	R	130	123	-7	0.27	0.26	38.5	38.3	D	D
	IND & West 4 street	Intersection								13.5	12.9	В	В

			Re	ed Hook Study <i>F</i>	Area - No-Actio	n vs With-Action	ı (No Mitigation	i) - Late Night Pe	eak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	//C	Delay (s	seconds)	L	OS
IIItersection #	intersection warne	Арргоасп	Larie Group	Wovernerit	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		EB	TR	T	55	62	7	0.17	0.19	37.4	37.8	D	D
		LD	TK.	R	0	0	0	-	-	,	=	-	-
		NB	ΙΤ	L	75	75	0	-	-	,	-		-
		ND	LI	T	1282	1184	-98	0.36	0.33	8.0	10.9	Α	В
	Hamilton Avenue .	SB	RT	T	739	908	169	0.25	0.30	7.8	8.3	Α	Α
1	Clinton Street &	(at West 9th)	KI	R	45	53	8	-	-	-	-	-	-
'	West 9 Street	SB	L	L	192	252	60	0.20	0.26	2.6	2.6	Α	Α
	West / Street	(at Clinton St)	TR	T	547	651	104	0.29	0.35	2.5	2.5	Α	Α
		(at oiinton st)	TK	L	25	30	5	-	-	'n	=	1	-
		WB	T	T	25	25	0	0.03	0.03	59.8	61.0	E	E
		WD	L	L	50	50	0	0.07	0.07	61.0	62.0	E	E
		Intersection								8.1	9.0	Α	Α
	Hamilton Avenue	NB	T	T	1034	877	-157	0.27	0.23	8.0	7.7	Α	Α
2	NB & West 9 Street	WB	R	R	76	68	-8	0.15	0.14	36.7	36.5	D	D
	IND & West 4 street	Intersection								10.2	10.0	В	В

				RFK Bridge	Study Area - N	o-Action vs Act	tion (No Mitigati	ion) - AM Peak I	Hour				
						Volume			/C	De	lay	L(OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	Action	∆ Increment	No-Action	Action	No-Action	Action	No-Action	Action
			L	L2	30	30	0	-	-	-	-	-	-
		NW		L	190	190	0	0.97	0.97	85.0	85.0	F	F
			R	R	415 1240	415 1161	-79	0.31 0.56	0.31 0.52	7.3 21.9	7.3 21.4	A C	A C
1	126th Street and	SB	TR	T R	45	41	-19	- 0.56	- 0.52	- 21.9	21.4	-	-
·	2nd Avenue			L	40	39	-1	-	-	-	-	-	-
		WB	L	T	30	29	-1	0.80	0.77	57.6	54.7	E	D
				R	94	90	-4	-	-	-		-	-
		Intersection	L	L	501	497	-4	0.54	0.54	28.9 7.4	28.5 7.5	C A	C A
		SB		T	754	683	-71	0.54	0.54	6.9	6.7	A	A
			TR	R	55	50	-5	-	-	-	-	-	
		SW	L	L	394	460	66	1.06	1.24	90.2	154.0	F	F
2	125th Street and 2nd Avenue			R T	133 627	155 678	22 51	0.86	0.93	44.2	51.5	- D	- D
	Zilu Averlue	EB	TR	R	40	40	0	- 0.00	- 0.93	- 44.2	- 31.3	-	-
		WB	LT	L	22	11	-11	-	-	-	-	-	1
			LI	T	61	30	-31	0.22	0.10	28.9	27.2	С	С
		Intersection		-	440	440		0.47	0.47	34.9	55.3	С	E
		NB	TR	T R	140 80	140 80	0	0.46	0.46	18.5	18.5	В	В
		0.0		L	145	145	0	-	-	-	-	-	-
11	E 134th Street & St.	SB	LT	T	105	105	0	0.62	0.62	20.2	20.2	С	С
	Ann's Avenue	FD.	170	L	140	140	0	-	-	-	-	-	-
		EB	LTR	T R	120 45	120 45	0	0.80	0.80	33.1	33.1	C	C -
		Intersection		, r	40	43	U	-	-	24.8	24.8	C	C
		into socion		L	25	25	0	-	-	-	-	-	-
		NB	LTR	T	105	105	0	0.56	0.56	46.0	46.0	D	D
				R	30	30 55	0	-	-	-	-	-	-
		SB	LTR	L T	55 70	70	0	0.57	0.57	48.6	48.6	- D	D
		0.5	2111	R	25	25	0	-	-	-	-	-	-
22	St Ann's Ave and Bruckner Blvd			L	50	50	0	-	-	-	-	-	=
	Didektiel biva	EB	LTR	T	1440	1440	0	0.90	0.90	25.6	25.6	С	С
				R	30 40	30 40	0	-	-	-	-	-	-
		WB	LTR	T	480	480	0	0.50	0.50	11.6	11.6	В	В
				R	65	65	0	-	-	-	-	-	1
		Intersection	_	_						24.9	24.9	С	С
		NB	T R	T R	96 17	70 12	-26 -5	0.26 0.02	0.19 0.02	37.3 7.3	36.1 7.2	D	D
		0-	T T	T	558	567	-5 9	0.02	0.02	26.5	27.2	A C	A C
17	31st St & Astoria	SB	R	R	174	175	1	0.41	0.41	23.9	24.3	Č	C
17	Blvd			L	10	11	1	-	-	-	-	-	-
		EB	L	T R	362 26	384 28	22	0.51	0.54	32.6	33.3	C	C
		Intersection		K	∠0	20				28.8	29.3	C	C
		NB	L	L	18	15	-3	-	-	-	-	-	-
		IVD	L	T	94	75	-19	0.21	0.16	21.0	19.2	С	В
		SB	Т	T	262	265	3	0.81	0.81	109.4	109.5	F	F
24	Hoyt N & 31st St		L	R L	131 401	130 402	-1 1	0.26	0.26	9.3	9.3	- A	- A
		WB	T	T	2135	2127	-8	0.66	0.66	14.1	14.0	В	В
			R	R	35	35	0	0.10	0.10	8.5	8.5	Α	А
		Intersection								27.3	27.3	С	С
		NB	T	T R	97 9	74 7	-23	0.16	0.12	21.9	22.6	С	С
			l .	L K	20	20	-2 0	-	-	-	-	-	-
3	Hout C 0 31ot Ct	SB	L	T	643	647	4	0.38	0.38	15.7	15.9	В	В
ئ ا	Hoyt S & 31st St		L	L	15	16	1	-	-	-	-	-	1
		EB		T	893	946	53	0.79	0.84	46.5	48.7	D	D
		Intersection	R	R	89	95	6	0.38	0.40	41.7 33.6	42.9 35.5	D C	D D
		IIITELSECTION	l	l						აპ.ნ	აე.ე	L	υ

				RFK Bridge	Study Area - N		ion (No Mitigati	on) - MD Peak H	lour				
						Volume		V	/C	De	elay	L(OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	Action	∆ Increment	No-Action	Action	No-Action	Action	No-Action	Action
			L	L2	0	0	0	-	-	-	-	-	-
		NW		L	120	120	0	0.55	0.55	41.3	41.3	D	D
			R	R T	1050 1042	1050 929	0	0.70 0.47	0.70 0.42	13.0	13.0	B C	B C
1	126th Street and	SB	TR	R	49	42	-113 -7	0.47	0.42	20.7	20.1	-	-
	2nd Avenue			L	45	42	-3	-	-	-	-	-	-
		WB	L	T	20	18	-2	0.68	0.62	46.0	42.6	D	D
		Intersection	Į.	R	90	82	-8	-	-	20.3	19.6	- C	- B
		Intersection	L	L	318	305	-13	0.38	0.36	6.2	6.3	A	A
		SB	TR	T	724	627	-97	0.54	0.46	6.8	6.3	Α	Α
			110	R	45	39	-6	-	-	-	-	-	-
	125th Street and	SW	L	L R	314 129	322 132	8	1.02	1.04	80.0	86.9	F .	F -
2	2nd Avenue	EB	TR	T	555	604	49	0.72	0.78	36.8	39.1	D	D
		ED	IK	R	50	50	0	-	-	-	-	-	-
		WB	LT	L T	18 64	6 22	-12 -42	0.19	0.06	28.3	26.6	- C	- C
		Intersection		'	04	22	-42	0.19	0.00	30.6	34.5	C	C
		NB	TR	T	170	170	0	0.51	0.51	14.1	14.1	В	В
		.,,,,		R	80	80	0	-	-	-	-	-	-
	E 134th Street & St.	SB	LT	L T	110 95	110 95	0	0.53	0.53	18.0	18.0	- В	В
11	Ann's Avenue			Ĺ	155	155	0	-	-	-	-	-	-
		EB	LTR	T	140	140	0	0.94	0.94	51.5	51.5	D	D
				R	85	85	0	-	-	-	-	-	-
		Intersection		L	20	20	0	-	-	31.7	31.7	C -	C -
		NB	LTR	T	140	140	0	0.80	0.80	55.7	55.7	E	E
				R	75	75	0	-	-	-	-	-	÷
		SB	LTR	L T	85 60	85 60	0	0.73	0.73	59.3	59.3	- F	- F
		36	LIK	R	35	35	0	0.73	0.73	39.3	59.3	-	-
22	St Ann's Ave and Bruckner Blvd			Ĺ	55	55	0	-		-	-	-	-
	Bruckriei Bivu	EB	LTR	T	1260	1260	0	0.98	0.98	41.0	41.0	D	D
				R L	35 40	35 40	0	-	-	-	-	-	-
		WB	LTR	T	760	760	0	0.70	0.70	19.9	19.9	В	В
				R	55	55	0	-	-	-	-	-	-
		Intersection	T	T	117	30	-87	0.32	0.08	37.1 30.4	37.1 27.0	D C	D
		NB	R	R	117 3	30	-87	U.3Z -	U.U8 -	4.3	4.3	A	C A
		SB	T	T	242	240	-2	0.29	0.29	11.6	11.6	В	В
17	31st St & Astoria	20	R	R	115	114	-1	0.38	0.38	14.8	14.9	В	В
	Blvd	EB	L	L T	20 364	21 382	1 18	0.46	0.48	22.3	22.6	C	C
		20		R	40	42	2	- 0.40	- 0.40		- 22.0	-	-
		Intersection								19.5	18.5	В	В
		NB	L	L	102	48	-54	- 0.20	0.11	-	- 11 5	-	- D
				T	41 206	9 203	-32 -3	0.29 0.37	0.11	9.5 23.1	11.5 23.0	A C	B C
24	Hout N 9 21st Ct	SB	T	R	70	70	0	-	-	-	-	-	-
24	Hoyt N & 31st St		L	L	215	215	0	0.17	0.17	11.2	11.2	В	В
		WB	T R	T R	1684 65	1685 65	0	0.67 0.17	0.67 0.17	16.7 12.0	16.8 12.0	B B	B B
		Intersection	К	ĸ	00	60	U	0.17	0.17	16.4	16.8	В	В
		NB	Т	T	133	46	-87	0.16	0.06	11.4	22.4	В	C
		IVD		R	4	5	1	-	-	-	-	-	-
		SB	L	L T	140 281	139 279	-1 -2	0.41	0.39	13.2	13.1	В	В
3	Hoyt S & 31st St			L	10	11	1	- 0.41	- 0.39	- 13.2	- 13.1	. D	- D
		EB	L	T	861	918	57	0.55	0.59	26.0	26.6	С	С
	.		R	R	76	75	-1	0.23	0.23	23.9	23.8	C	С
L	l	Intersection	1	l	l	l	l			20.9	22.4	С	С

				RFK Bridg	e Study Area - N	lo-Action vs Act	tion (No Mitigati	on) - PM Peak H	our				
						Volume		V.	/C	De	lay	LO)S
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	Action	∆ Increment	No-Action	Action	No-Action	Action	No-Action	Action
			L	L2	25	25	0	-	-	-	-	-	-
		NW		L	180	180	0	0.93	0.93	76.4	76.4	E	E
			R	R	765 1472	765 1250	-222	0.55 0.58	0.55 0.49	10.0 22.2	10.0 20.9	B C	B C
1	126th Street and	SB	TR	T R	35	29	-6	0.58	0.49	- 22.2	20.9	-	-
	2nd Avenue			L	47	40	-7	-	-	-		-	-
		WB	L	T	25	21	-4	0.57	0.47	40.0	36.6	D	D
		Intersection		R	51	42	-9	-	-	24.1	23.3	- C	- C
		intersection	L	L	663	595	-68	0.69	0.62	9.9	9.3	A	A
		SB	TR	T	822	672	-150	0.55	0.45	6.4	6.1	A	A
			***	R	59	48	-11	- 0.00	- 1.40		- 220.2	-	- F
	125th Street and	SW	L	L R	369 138	594 222	225 84	0.88	1.42	51.0	228.3	D	-
2	2nd Avenue	EB	TD	T	686	724	38	0.81	0.85	39.9	42.5	D	D
		ED	TR	R	20	20	0	-		-		-	-
		WB	LT	L T	55 176	21 66	-34 -110	0.63	0.19	38.3	28.2	- D	- C
		Intersection			1/0	00	-110	0.03	0.19	38.3 25.0	28.2 77.2	C	E
		NB	TR	T	110	110	0	0.41	0.41	10.9	10.9	В	В
		IND	111	R	100	100	0	-	-	-	·	-	-
	E 134th Street & St.	SB	LT	L T	110 50	110 50	0	0.38	0.38	13.8	13.8	- В	В
11	Ann's Avenue			1	155	155	0	- 0.36	0.38	13.0	13.0	- D	В .
		EB	LTR	T	140	140	0	0.78	0.78	30.3	30.3	С	С
				R	30	30	0	-	-	-	,	-	-
		Intersection			20	20	0			20.5	20.5	С	С
		NB	LTR	L T	95	95	0	0.50	0.50	43.0	43.0	- D	- D
				R	30	30	0	-	-	-	-	-	-
		0.0	1.70	L	35	35	0	-	-	-	-		
		SB	LTR	T R	20 25	20 25	0	0.29	0.29	39.6	39.6	D -	D -
22	St Ann's Ave and			L	50	50	0	-	-	-	-	-	-
	Bruckner Blvd	EB	LTR	T	1300	1300	0	0.85	0.85	22.5	22.5	С	С
				R	45	45	0	-	-	-	-	-	-
		WB	LTR	L T	25 610	25 610	0	0.46	0.46	11.4	11.4	В	- В
		5	2111	R	65	65	0	-	-	-	-	-	-
		Intersection								21.1	21.1	С	С
		NB	T	T	42	11	-31	0.11	0.03	27.5	26.3	С	С
			R T	R T	5 478	3 446	-2 -32	0.01 0.58	0.54	4.4 76.7	4.3 76.5	A	A
17	31st St & Astoria	SB	R	R	222	204	-18	0.75	0.69	94.5	92.0	F	F
17	Blvd			L	16	16	0	-		-		-	-
		EB	L	T R	388 48	399 49	11	0.50	0.52	23.0	23.2	C -	С
		Intersection		Х	40	49	'	-	-	57.3	56.2	E	E
		NB	L	L	17	4	-13	-	-	-	-	-	-
		.40		Ţ	47	31	-16	0.12	0.06	27.8	23.0	С	C
		SB	T	T R	121 70	73 67	-48 -3	0.36	0.29	38.4	37.4	D .	D
24	Hoyt N & 31st St		L	L	513	514	1	0.34	0.34	9.7	9.7	A	A
		WB	T	T	1523	1463	-60	0.47	0.45	10.7	10.5	В	В
		Interestis.	R	R	35	35	0	0.07	0.07	7.8	7.8	A	A
		Intersection		T	53	24	-29	0.08	0.04	13.3 37.4	12.2 34.9	B D	B C
		NB	T	R	5	3	-29	-	-		- 34.9	-	-
		SB	L	L	20	20	0	-	-	-	-	-	-
3	Hoyt S & 31st St			T	614	567	-47	0.39	0.36	13.2	10.1	B -	В
		EB	L	L T	11 1071	11 1104	0 33	0.61	0.62	33.2	33.6	- C	C
		-5	R	R	86	83	-3	0.25	0.02	29.3	29.1	C	C
		Intersection								26.4	25.9	С	С

				RFK Bridg	je Study Area - N		tion (No Mitigati						
						Volume		V.	/C	De	lay	LC)S
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	Action	∆ Increment	No-Action	Action	No-Action	Action	No-Action	Action
			L	L2	5	5	0	-	-	-	-	-	-
		NW		L	75	75	0	0.36	0.36	35.3	35.3	D	D
			R	R T	535 560	535 342	-218	0.40	0.40	8.1 18.2	8.1 17.4	A B	A B
1	126th Street and	SB	TR	R	20	11	-216	0.24	- 0.14	10.2	- 17.4	- B	- D
	2nd Avenue			L	20	20	0	-	-	-	-	-	-
		WB	L	T	35	33	-2	0.46	0.44	35.7	35.1	D	D
		Intersection		R	60	56	-4	-	-	16.6	15.9	- B	В
		intersection	L	L	109	91	-18	0.13	0.11	5.7	6.3	A	A
		SB	TR	T	456	266	-190	0.31	0.18	6.3	6.4	Α	А
			110	R	20	10	-10	-		- 07.4	-	-	-
	125th Street and	SW	L	L R	174 153	198 174	24 21	0.61	0.70	37.6	40.4	D -	D
2	2nd Avenue	ED.	TD	T	535	704	169	0.68	0.87	34.9	43.9	C	D
		EB	TR	R	50	50	0	-	-	-		=	-
		WB	LT	L	9	4	-5	- 0.15	- 0.02	- 27.5	- 2/ 2	-	-
		Intersection		T	70	10	-60	0.15	0.03	27.5 23.8	26.2 33.1	C	C
		NB	TR	T	100	100	0	0.21	0.21	17.0	17.0	В	В
		NB	IR	R	20	20	0	-	-	-		-	-
	F 40.411 01 1 0 01	SB	LT	L	40	40	0	-	-	-	-	-	-
11	E 134th Street & St. Ann's Avenue			T	50 190	50 190	0	0.18	0.18	10.9	10.9	B -	В
	Ailira Avenue	EB	LTR	T	90	90	0	0.70	0.70	25.0	25.0	C	C
				R	35	35	0	-	-	-	-	-	-
		Intersection								20.6	20.6	С	С
		NB	LTR	L T	10 55	10 55	0	0.24	0.24	33.0	33.0	- C	- C
		ND	LIK	R	15	15	0	- 0.24	-	-	-	-	-
				L	30	30	0	-	-	-	-	-	-
		SB	LTR	T	10	10	0	0.25	0.25	35.0	35.0	С	С
22	St Ann's Ave and			R L	45 40	45 40	0	-	-	-	-	-	-
22	Bruckner Blvd	EB	LTR	T	1515	1515	0	0.88	0.88	26.6	26.6	С	С
				R	10	10	0	-	-	-	-	-	-
		14/5	1.70	L	10	10	0	-	-	-		-	
		WB	LTR	T R	500 25	500 25	0	0.33	0.33	12.2	12.2	В	В
		Intersection		К	23	23	U	-	-	23.7	23.7	C	C
		NB	T	T	120	26	-94	0.34	0.07	30.7	26.8	С	С
		IND	R	R	13	6	-7	0.02	0.01	4.5	4.5	A	Α
	31st St & Astoria	SB	T R	T R	345 165	308 147	-37 -18	0.47	0.41	9.2 10.0	7.4 8.4	A A	A A
17	Blvd		K	I	103	10	0	- 0.39	0.34	-	- 0.4	- A	- A
		EB	L	T	286	328	42	0.32	0.36	20.2	20.8	С	С
				R	15	17	2	-	-	-	-	-	-
		Intersection	 	L	80	12	-68			15.5	13.6	B -	B -
		NB	L	T	51	25	-26	0.23	0.05	7.7	10.1	A	В
		SB	T	T	220	167	-53	0.28	0.23	21.7	21.1	C	C
24	Hoyt N & 31st St			R	40	38	-2	- 0.22	- 0.22	-	- 40.2	-	-
		WB	L T	L T	440 1105	444 1063	-42	0.33 0.42	0.33 0.41	45.6 13.2	40.3 13.1	D B	D B
			R	R	20	20	0	0.42	0.41	10.4	10.4	В	В
		Intersection								21.2	20.8	С	С
		NB	Ť	Ţ	126	31	-95	0.16	0.04	8.3	16.8	Α	В
				R L	4 205	5 203	-2	-	-	-	-	-	-
2		SB	L	T	455	408	-47	0.65	0.58	26.9	31.6	C	C
3	Hoyt S & 31st St		L	Ĺ	5	6	1	-	-	-	-	-	-
		EB		Ţ	744	882	138	0.44	0.52	24.3	25.4	С	С
		Intere	R	R	55	47	-8	0.17	0.15	22.7	22.3	C	C
		Intersection	l		l	l	1			24.1	27.6	С	С

				Upper East Stu	dy Area - No-A	ction vs With-Ac	tion (No Mitiga		k Hour	D-I /	seconds)		OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
				L	14	11	-3	-	-	-	-	-	-
	E 60th Street &	NB	LTR	T R	296 487	226 371	-70 -116	-	-	-	-	-	-
1	Queensboro Bridge Exit	EB	LT	L T	0 10	0 10	0	-	-		-		-
		Intersection	Unsignalized										
	E 60th Street & 3rd	NB	T	L T	94 1000	68 713	-26 -287	0.24 0.55	0.17	19.8 22.1	18.8 19.9	B C	B B
2	Ave	WB	T R	T R	384 242	408 250	24 8	0.72 1.11	0.76 1.15	19.1 110.3	21.9 121.9	B F	C F
		Intersection NB	Т	T	670	670	0	0.38	0.38	33.5 20.3	37.9 20.3	C C	D C
		SB	T L	T L	447 219	318 90	-129 -129	0.27	0.19	18.9	18.0 25.6	B C	B C
_	E 60th Street &	EB	T	T	0	0	0	0.31	0.13	29.0	25.8	С	С
3	York Ave		R L	R L	50 0	50 0	0	0.13	0.13	25.7	25.7	C -	C -
		WB	T R	T R	0	0	0	-	-	-	-	-	-
		Intersection	Т	T	1023	727	-296	1.36	0.97	21.4 198.1	20.3 55.5	C F	C
		EB	RR2	R R2	15	14	-1 -1	0.11	0.11	25.5	25.4	C	C
4	E 59th Street & 2nd Ave		L2	L2	15 1332	14 885	-447	0.88	0.58	27.1	13.9	C	В
		SB	L2L T	L T	5 856	4 811	-1 -45	0.46	0.43	7.1	10.9	- A	- В
		Intersection	L2	L2	769	828	59	0.54	0.58	75.9 20.9	25.4 21.6	E C	C
		NWB	L	L L2	577 10	621 10	44 0	0.65	0.69	24.1	25.5	С	С
5	E 60th Street & 2nd	SB	LT	T	1420	871	-549	0.73	0.45	23.6	18.3	C	В В
	Ave	WB	R LT	R L	39 4	27	-12 -3	0.13	0.09	16.0	15.4	B -	B -
		Intersection		T	10	10	0	0.03	0.02	15.4 22.8	15.4 21.3	B C	B C
		NB	TR	T R	1196 47	859 34	-337 -13	0.51	0.37	16.5	14.8	В .	В .
6	E 60th Street & 1st Ave	EB	L T	L	275 222	275 106	0	0.77	0.77	43.8 16.4	43.8 15.4	D B	D B
		Intersection								20.6	20.9	С	С
	E 60th Street &	SB	TR	T R	939 78	729 61	-210 -17	0.58 0.25	0.45	20.4 17.9	18.4 17.0	C B	B B
7	Lexington Ave	WB	L T	L T	101 377	101 375	-2	0.34 0.45	0.34 0.45	34.1 34.8	33.8 34.7	C	C
		Intersection		L	104	86	-18			25.0	24.6	С	С
	E 60th Street &	NB	LT	T	917	751	-166	0.53	0.43	21.5	19.8	C	B
8a	Park Ave NB	WB	TR	T R	357 98	357 79	0 -19	0.59	0.56	30.6	29.7	C -	C -
		Intersection		T	1198	1166	-32	0.68	0.66	24.5 24.0	23.4 23.6	C	C
8b	E 60th Street &	SB	TR	R	95 80	92 80	-3 0	-	-	-	-	-	
OD	Park Ave NB	WB	LT	T	381	363	-18	0.58	0.56	15.3	13.7	В	В
		Intersection	L	L	134	105	-29	0.32	0.25	21.6 20.5	20.9 19.3	C	C B
9	E 60th Street & Madison Ave	WB	T TR	T	782 348	612 346	-170 -2	0.61 0.59	0.48 0.55	18.3 21.7	15.8 21.1	B C	B C
	ividuisuii Ave	Intersection	IK.	R	128	109	-19	-	-	19.7	18.2	- B	- B
	E 62nd Street &	NB	T R	T R	681 715	491 517	-190 -198	0.61 0.62	0.44 0.45	11.2	8.9 10.3	B B	A B
10	Queensboro Bridge	EB	LT	L	10	8	-2	-	-	-	-	-	-
	Exit	Intersection		T	232	184	-48	0.41	0.32	30.6 15.0	29.4 12.8	C B	C B
		SB	T R	T R	851 274	652 210	-199 -64	0.90 0.78	0.69	27.1 29.1	17.3 20.2	C C	B C
11	E 60th Street & 5th Ave	WB	L T	L T	153 329	150 301	-3 -28	0.44 0.41	0.43 0.37	27.4 24.2	27.2 23.7	C C	C C
		Intersection		T		414		0.81		26.8	20.5	С	С
		NB	TR	R	472 527	431	-58 -96	0.65	0.71 0.52	40.9 7.9	35.2 4.9	D A	D A
	E 63rd Street &	SB	L TR	L T	353 372	332 342	-21 -30	0.65 0.47	0.55 0.44	39.2 13.8	29.6 13.3	D B	C B
12	York Ave		L L	R L	75 270	74 216	-1 -54	0.56	0.46	42.3	39.3	- D	- D
		WB	TR	T R	251 74	212	-39	0.58	0.49	39.9	37.7	D	D
		Intersection SB	R	R	233	221	-12			26.5	23.1	C	C
13	E 53rd Street & FDR Drive	SWB	R	R R	258 258	233	-12 -25	-			-		-
	E 61st Street & 5th	SB	Unsignalized T	T	867	657	-210	0.57	0.43	22.4	20.1	С	С
14	Ave	WB Intersection	L	L	258	205	-53	0.26	0.20	18.8 21.6	18.3 19.7	B C	B B
		SB	LT	L T	89 773	78 681	-11 -92	0.54	0.47	4.9	4.7	- A	- A
15	E 65th Street & 5th Ave	EB	T	T	781	755	-26	0.97	0.94	55.7 69.7	49.9	E F	D
		Intersection	R	R	338	327	-11	0.97	0.93	36.0	33.6	D	C
	E // / Ch	SB	TR	T R	798 318	702 298	-96 -20	0.70	0.63	21.0	19.5	C -	B -
16	E 66th Street & 5th Avenue	WB	LT	L T	64 410	57 363	-7 -47	0.54	0.48	28.1	27.1	- C	- C
		Intersection						5.54	5.15	23.1	21.7	C	C
		SB	LTR	T T	74 660	67	-7 -59	0.73	0.66	29.2	27.4	C	C
			T	R T	99 397	87 375	-12 -22	0.74	0.70	39.8	38.1	- D	- D
17	E 79th Street & 5th	FR			243	229	-14 -8	1.03 0.87	0.97 0.80	101.2 90.7	86.7 78.7	F F	F E
17	E 79th Street & 5th Ave	EB	R L	R L		90							
17		WB	R L T	R L T	98 441	90 390	-51	0.49	0.43	24.1	23.2	С	C
17		WB Intersection	L T	L T L	98 441 53	390 48	-51 -5	0.49	0.43	24.1 41.7	23.2 38.5	C D	D -
17		WB	L	L T	98 441	390	-51	0.49	0.43	24.1	23.2	С	
	Ave	WB Intersection NB	L T LTR	L T L T R L	98 441 53 380 0	390 48 307 0	-51 -5 -73 0	0.49 - 0.46 -	0.43 - 0.38 -	24.1 41.7 - 22.4 -	23.2 38.5 - 20.8	C D - C	D - C
17		WB Intersection	L T LTR	L T L T R L T R	98 441 53 380 0 0 384 59	390 48 307 0 0 328 52	-51 -5 -73 0 0 -56 -7	0.49 - 0.46 - - 0.43	0.43 - 0.38 0.37	24.1 41.7 - 22.4 - 21.7	23.2 38.5 - 20.8 - - 20.7	C D - C - C - C - C	C - C
	Ave E 71st Street &	WB Intersection NB	L T LTR	L T T R L T T	98 441 53 380 0 0 384	390 48 307 0 0 328	-51 -5 -73 0 0 -56	0.49 - 0.46 - - 0.43	0.43 - 0.38 - - 0.37	24.1 41.7 - 22.4 - - 21.7	23.2 38.5 - 20.8 - - 20.7	C D - C C C	D - C C

			U	pper East Study	y Area - No-Acti	on vs With-Acti Volume (vph)	on (No Mitigatio		ak Hour VC	Delay (seconds)	11	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
	E 60th Street &	NB	LTR	L T	15 277	11 210	-4 -67	-	-	-	-	-	-
1	Queensboro Bridge Exit	EB	LT	R L T	628 5 15	477 5 8	-151 0 -7	-	-		-	-	-
			Unsignalized	L	74	50	-24	0.19	0.13	19.0	18.1	В	В
2	E 60th Street & 3rd	NB	T	T	969	650	-319	0.58	0.39	22.7	20.0	С	В
2	Ave	WB	T R	T R	264 275	265 273	-2	0.55 1.05	0.56 1.04	4.8 88.7	4.5 85.5	A F	A F
		Intersection NB	T	T	525	525	0	0.31	0.31	29.4 19.3	29.0 19.3	C B	C B
		SB	T L	T L	681 412	437 227	-244 -185	0.39 0.55	0.25 0.30	20.4 35.6	18.6 28.9	C D	B C
3	E 60th Street &	EB	T R	T R	0 35	0 35	0	0.57 0.10	0.32 0.10	36.5 25.3	29.3 25.3	D C	С
3	York Ave	1450	L	L	0	0	0		-	-	-	-	C .
		WB	T R	T R	0	0	0	-	-	-	-	-	-
		Intersection	T	Т	875	112	-763	1.02	0.13	24.0 65.5	21.0 20.7	C E	C
		EB	RR2	R R2	112 70	65 64	-47 -6	0.47	0.34	27.2	24.4	C	C
4	E 59th Street & 2nd Ave	SB	L2 L2L	L2 L	1044	120	-924 -3	0.73	0.08	46.4	17.1	D	В
			T	T	6 1579	1367	-212	0.73	0.63	40.7	33.4	D D	C
		Intersection NWB	L2	L2	963	975	12	0.79	0.80	47.7 28.8	30.6 29.5	D C	C
		IWWD	L	L L2	514 20	520 13	-7	0.64	0.64	25.4	25.6	C -	C -
5	E 60th Street & 2nd Ave	SB	LT R	T R	1656 20	509 13	-1147 -7	0.87 0.06	0.27 0.04	40.8 14.9	17.5 14.6	D B	B B
		WB	LT	L	10	6	-4	-	-		-	- B	- B
		Intersection		T	5	5	0	0.01	0.01	15.2 34.2	15.2 25.3	С	С
	E 60th Street & 1st	NB	TR	T R	940 84	618 55	-322 -29	0.44	0.29	15.7	14.1	B -	B .
6	Ave	EB	L T	L T	280 363	278 207	-2 -156	0.81	0.80 0.19	45.6 17.8	45.1 16.3	D B	D B
		Intersection		ī	938	644	-294	0.88	0.60	21.3	22.2	C	C
7	E 60th Street &	SB	TR	R	69	47	-22	0.26	0.18	19.4	17.8	В	В
,	Lexington Ave	WB	L T	L T	66 272	62 253	-4 -19	0.25 0.29	0.24 0.27	18.7 17.9	18.6 17.9	B B	B B
		Intersection NB	LT	L	64	49	-15		-	29.0	20.7	C -	C -
8a	E 60th Street &			T T	900 266	688 225	-212 -41	0.51 0.42	0.39 0.37	21.6 28.3	19.6 27.6	C C	B C
	Park Ave NB	WB Intersection	TR	R	75	75	0	-		23.4	21.9	C	- C
		SB	TR	T	915	858	-57	0.55	0.52	22.1	21.9	C	C
8b	E 60th Street & Park Ave NB	WB	LT	R L	99 116	93 116	-6 0	-	-	-	-	-	
	I dik Ave ND	Intersection		T	214	158	-56	0.43	0.37	13.8 20.0	13.0 19.5	B B	B B
		NB	L T	L T	109 652	83 494	-26 -158	0.27 0.51	0.21 0.38	19.7 14.5	18.6 12.8	B B	B B
9	E 60th Street & Madison Ave	WB	TR	T R	243 70	243	0 -62	0.40	0.28	19.6	20.7	В	C
		Intersection	_							16.5	15.7	В	В
	E 62nd Street &	NB	T R	T R	810 779	763 735	-47 -44	0.67 0.69	0.63 0.65	12.3 16.0	11.5 14.6	B B	B B
10	Queensboro Bridge Exit	EB	LT	L T	0 206	0 147	-59	0.33	0.23	29.4	28.3	- C	C
		Intersection	Т	T	632	433	-199	0.71	0.49	15.4 21.5	14.0 16.1	B C	B B
11	E 60th Street & 5th	SB	R L	R L	286 151	196 150	-90 -1	1.01 0.42	0.69 0.42	76.2 27.0	29.5 26.9	E C	C C
	Ave	WB	T	T	201	176	-25	0.42	0.42	22.1	21.7	С	С
		Intersection NB	TR	T	424	363	-61	0.73	0.62	33.9 36.8	21.4 32.3	C D	C
			L	R L	432 428	320 376	-112 -52	0.67 0.45	0.50 0.37	16.1 16.4	11.8 11.5	B B	B B
12	E 63rd Street &	SB	TR	T R	463 70	412 69	-51 -1	0.40	0.35	8.0	7.4	A -	Α -
	York Ave	WB	L	L T	317 258	210 188	-107 -70	0.92 0.94	0.64 0.66	85.0 73.6	56.2 50.8	F E	E D
		Intersection	TR	R	65	50	-15		-	34.2	23.8	- C	- C
12	E 53rd Street &	SB	R	R	149	134	-15 E2	-	-	-	-		
13	FDR Drive	SWB Intersection		R	353	300	-53	-			-	-	-
14	E 61st Street & 5th Ave	SB WB	T L	T L	628 290	449 180	-179 -110	0.41 0.28	0.29 0.17	19.8 19.1	18.4 17.9	B B	B B
	Ave	Intersection		L	85	76	-9			19.6	18.2	В -	В -
15	E 65th Street & 5th	SB	LT T	T	533 638	474 607	-59 -31	0.39	0.35 0.71	7.6 34.2	7.5 32.8	A C	A C
13	Ave	EB	R	R	299	284	-15	0.75	0.71	54.5	48.9	D	D
		Intersection SB	TR	T	538	478	-60	0.65	0.60	27.5 20.2	26.3 19.1	C C	C B
16	E 66th Street & 5th Avenue	WB		R L	410 80	388 72	-22 -8	-	-	-	-	-	-
	Avenue	Intersection	LT	Т	474	427	-47	0.66	0.59	30.8 24.1	29.2 22.9	C	C
		SB	LTR	L	65	61	-4	-	-	-	-	-	-
		эB		T R	445 150	417 137	-28 -13	0.66	0.61	27.7	26.6	. C	C -
17	E 79th Street & 5th Ave	EB	T R	T R	458 189	425 175	-33 -14	0.72 0.92	0.66 0.85	38.7 78.1	36.9 66.5	D E	D E
		WB	L T	L T	70 543	65 491	-5 -52	0.82 0.56	0.76 0.50	92.6 25.1	83.4 24.2	F C	F C
		Intersection		L	64	57	-7	0.50	-	36.9	34.4	D .	C
		NB	LTR	T	390	307	-83	0.49	0.39	23.0	21.1	С	С
				R L	0	0	0	-	-	-	-	-	-
18	E 71st Street & York Ave	SB	LTR	T R	348 55	262 44	-86 -11	0.40	0.30	21.2	19.7	C .	B -
		WB	L	L	205	199	-6	0.66	0.64	41.1	40.2	D	D
		WD	TR	T R	160 139	158 124	-2 -15	0.78	- 0.72	46.3	42.6	D -	D -
		Intersection								30.6	29.5	С	С

				Upper East Stu	idy Area - No-A	ction vs With-A Volume (vph)	ction (No Mitiga		Hour VC	Delay (seconds)		.OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
				L	5	2	-3	-	-		-	-	-
	E 60th Street &	NB	LTR	T R	130 328	67 169	-63 -159	-	-	-	-	-	-
1	Queensboro Bridge Exit	EB	LT	L T	0	0	0 -5		-			-	-
		Intersection	Unsignalized			5		-	-	-	-	-	-
		NB	L T	L T	92 892	61 591	-31 -301	0.25 0.50	0.17 0.33	19.9 21.4	18.7 19.3	B C	B B
2	E 60th Street & 3rd Ave	WB	T	T	331	199	-132	0.53	0.32	7.0	4.2	A	A
		Intersection	R	R	162	88	-74	0.75	0.41	40.6 20.4	24.9 16.7	D C	C B
		NB SB	T	T	445 1016	445 624	0 -392	0.24 0.53	0.24 0.33	18.6 22.8	18.6 19.6	B C	B B
			L	L	170	22	-148	0.26	0.05	28.1	24.5	С	С
3	E 60th Street &	EB	T R	T R	15 45	15 45	0	0.27 0.11	0.04	28.3 25.3	24.3 25.3	C	C
	York Ave	WB	L T	L T	0	0	0					-	-
			R	R	0	0	0	-	-		-	-	-
		Intersection	T	T	1063	121	-942	1.20	0.14	22.4 127.9	19.6 20.8	C	B C
		EB	RR2	R	47	17	-30	0.41	0.29	25.9	23.6	С	C
4	E 59th Street & 2nd		L2	R2 L2	104 1561	88 110	-16 -1451	1.12	0.08	78.7	11.1	E	В В
	Ave	SB	L2L T	L T	0 1028	0 705	0 -323	0.49	0.34	8.9	13.5	- A	В
		Intersection								72.4	15.2	E	В
		NWB	L2	L2 L	670 454	397 269	-273 -185	0.41	0.24	19.0 19.3	17.2 17.3	B B	B B
	E (011 01- 100 1	çn	LT	L2	10	7	-3	-	-				-
5	E 60th Street & 2nd Ave	SB	R	T R	1914 39	416 18	-1498 -21	0.86 0.12	0.19	33.3 15.8	15.4 14.9	C B	B B
		WB	LT	L T	5	2	-3 0	-	-		15.0	B	B
		Intersection								15.2 27.8	16.5	С	В
		NB	TR	T R	1091 40	649 24	-442 -16	0.46	0.27	15.8	13.9	В -	B .
6	E 60th Street & 1st Ave	EB	L	L	148	116	-32	0.51	0.40	30.7	27.8	C	C
		Intersection	T	T	190	58	-132	0.18	0.05	16.1 17.5	15.0 16.0	B B	B B
		SB	TR	T R	724 58	418 33	-306 -25	0.49	0.28 0.11	18.9 16.9	16.4 15.7	B B	B B
7	E 60th Street & Lexington Ave	WB	L	L	98	39	-59	0.32	0.13	19.4	17.3	В	В
	LEXINGION AVE	Intersection	T	T	325	221	-104	0.35	0.24	18.1 18.7	17.9 16.9	B B	B B
		NB	LT	L	77	54	-23	-	-			-	
8a	E 60th Street &	WB	TR	T	1014 298	716 169	-298 -129	0.53 0.40	0.37 0.28	21.3 26.4	18.7 24.7	C	B C
	Park Ave NB		IK	R	85	85	0	-	-	22.7	20.3	C	- C
		Intersection SB	TR	Т	851	790	-61	0.50	0.47	20.5	20.0	C	В
8b	E 60th Street &			R L	99 109	92 62	-7 -47	-	-	-	-	-	-
	Park Ave NB	WB	LT	T	266	161	-105	0.44	0.26	12.4	13.1	В	В
		Intersection NB	L	L	106	79	-27	0.26	0.20	18.1 19.5	18.5 18.4	B B	B B
9	E 60th Street &	IND	T	T T	901 271	675 230	-226 -41	0.77 0.41	0.57 0.26	23.0 14.1	17.5 17.3	C B	B B
,	Madison Ave	WB	TR	R	94	23	-71	-	-		-		-
		Intersection	Т	Т	387	197	-190	0.52	0.27	20.4 9.9	17.6 7.3	C A	B A
10	E 62nd Street &	NB	R	R	816	418	-398	0.55	0.28	12.1	8.1	В	A
10	Queensboro Bridge Exit	EB	LT	L T	0 105	0 57	0 -48	0.17	0.09	27.6	26.8	C	C
		Intersection	T	ī	566	352	-214	0.68	0.42	12.1 15.2	9.4 4.0	B B	A A
	E 60th Street & 5th	SB	R	R	266	166	-100	0.85	0.53	37.6	9.9	D	A
11	Ave	WB	L T	L T	150 227	124 185	-26 -42	0.46	0.38	27.7 21.9	25.8 21.4	C	C
		Intersection		Т	389	264	-125	0.94	0.64	22.8 68.3	12.3 41.4	C E	B D
		NB	TR	R	239	127	-112	0.32	0.17	9.1	7.7	A	A
	E / 2-4 Ch	SB	L	L T	416 671	354 600	-62 -71	1.00 0.86	0.89	97.1 44.0	73.8 30.6	F D	E C
12	E 63rd Street & York Ave		TR	R	75	74 297	-1	0.51	-	39.3	-	D	-
		WB	TR	T T	398 171	140	-101 -31	0.51	0.40 0.40	39.3 36.8	36.2 34.4	D D	D C
		Intersection		R	15	13	-2	-	-	49.4	37.5	- D	D
12	E 53rd Street &	SB	R	R	207	178	-29	-	-	-	-	-	-
13	FDR Drive		R Unsignalized	R	321	266	-55						
14	E 61st Street & 5th	SB WB	T L	T L	661 171	509 9	-152 -162	0.47 0.18	0.36 0.01	20.6 18.0	19.1 16.3	C B	B B
	Ave	Intersection								20.1	19.1	С	В
	5 /50 5:	SB	LT	L T	65 656	60 604	-5 -52	0.42	0.39	7.3	7.1	- A	- A
15	E 65th Street & 5th Ave	EB	T	T	737	696	-41	0.88	0.83	42.9	38.8	D	D
		Intersection	R	R	361	341	-20	0.97	0.92	71.2 34.4	60.3 30.8	E C	E C
		SB	TR	T R	631 378	586 367	-45 -11	0.71	0.67	21.6	20.7	C -	C -
16	E 66th Street & 5th Avenue	WB	LT	L	90	78	-12	-	-		-		
		Intersection	-	T	517	448	-69	0.65	0.57	30.6 24.8	28.7 23.3	C	C
		SB	LTR	L T	69 561	67 546	-2 -15	- 0.72	0.70		-	-	-
		эB		R	561 178	546 169	-15 -9	0.72	0.70	29.2	28.5	C -	C -
17	E 79th Street & 5th Ave	EB	T R	T R	416 216	373 194	-43 -22	0.73 0.99	0.65 0.89	39.1 90.9	36.5 69.6	D F	D E
		WB	L	L	50	45	-5	0.53	0.48	58.7	54.8	E	D
		Intersection	Т	T	554	485	-69	0.60	0.52	26.1 38.1	24.6 34.3	C D	C
			170	L	35	29	-6			-			
		NB	LTR	T R	421 0	294 0	-127 0	0.47	0.33	22.4	20.1	C -	C -
	E 71ct Str + 0	CD CD	ĮΤD	L	0	0	0	-	-	-	-	-	-
	E 71st Street &	SB	LTR	T R	556 84	469 76	-87 -8	0.65	0.56	26.8	24.3	C -	C -
18	York Ave												
18	York Ave	1A/R	L	L	115	110	-5 -1	0.31	0.30	29.0	28.7	C	C
18	York Ave	WB	L TR	L T R	115 125 94	110 124 81	-5 -1 -13	0.31 0.52	0.30 0.48	29.0 33.7	28.7 32.6	C C	C -

				per East Study	Area - No-Actio	n vs With-Actio Volume (vph)	n (No Mitigatio		Peak Hour VC	Delay (seconds)	L	.os
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	LTR	L T	10 89	9 78	-1 -11	-	-	-	-	-	-
1	E 60th Street & Queensboro Bridge	ND	LIK	R	308	269	-39	-			-		
	Exit	EB	LT	L T	0 30	0 10	-20	-	-	-	-	-	-
		Intersection	Unsignalized	L	79	67	-12	0.16	0.13	18.2	17.9	В	В
2	E 60th Street & 3rd	NB	Ţ	T	1059	901	-158	0.52	0.44	21.5	20.5	C	C
2	Ave	WB	T R	T R	378 160	194 27	-184 -133	0.66 0.74	0.34 0.12	13.3 43.2	15.6 33.6	B D	B C
		Intersection NB	Т	T	475	475	0	0.27	0.27	21.6 18.8	19.8 18.8	C B	B B
		SB	T	T	635	275	-360	0.32	0.14	19.5	17.4	В	В
	E 60th Street &	EB	L T	L T	247 0	230	-17 0	0.34	0.32	29.6 30.0	29.1 29.5	C C	C
3	York Ave		R L	R L	45 0	22 0	-23 0	0.11	0.05	25.2	24.4	C .	C -
		WB	T R	T R	0	0	0	-	-	-	-	-	-
		Intersection							-	21.4	21.1	C	C
		EB	T RR2	T R	819 166	131 68	-688 -98	0.90	0.14 0.48	41.2 50.2	20.8 28.0	D D	C
4	E 59th Street & 2nd		L2	R2 L2	120 1151	91 127	-29 -1024	0.80	0.09	17.3	2.5	В	- A
	Ave	SB	L2L	L	11	2	-9	-	-	-	-		-
		Intersection	Т	T	1209	616	-593	0.58	0.29	7.7 22.7	3.2 9.5	A C	A A
		NWB	L2 L	L2 L	474 444	142 133	-332 -311	0.29	0.09 0.12	17.6 19.2	15.8 16.2	B B	B B
	E 60th Street & 2nd	SB	LT	L2 T	30 1892	10	-20 -1294	0.82	0.26	25.9	16.0	- C	- B
5	Ave	30	R	R	89	83	-6	0.82	0.26	17.2	17.0	В	В
		WB	LT	L T	5	5 5	0	0.01	0.01	15.2	15.2	В В	- В
		Intersection		T	1290	1073	-217	0.52	0.43	23.1	16.1 15.5	C B	B B
	E 60th Street & 1st	NB	TR	R	99	82	-17	-	-	-	-	-	-
6	Ave	EB	L T	L T	145 193	109 170	-36 -23	0.41 0.18	0.31 0.15	27.3 16.1	25.4 15.9	C B	C B
		Intersection		T	1113	604	-509	0.94	0.51	17.5 40.4	16.4 20.4	B D	B C
-	E 60th Street &	SB	TR	R	70	38	-32	0.17	0.09	16.7	15.8	В	В
7	Lexington Ave	WB	L T	L T	160 297	46 215	-114 -82	0.37 0.35	0.11 0.25	21.4 19.8	20.4 21.9	C B	C
		Intersection		L	55	52	-3			33.3	20.6	C	C
8a	E 60th Street &	NB	LT	T	552	517	-35	0.32	0.30	18.7	18.5	В	В
6d	Park Ave NB	WB	TR	T R	332 35	218 35	-114 0	0.46	0.32	28.9	26.7	C -	C -
		Intersection	TD	T	877	737	-140	0.54	0.45	22.8 21.8	21.2 20.5	C	C
8b	E 60th Street &	SB	TR	R L	104 110	87 96	-17 -14	-	-	-	-	-	-
80	Park Ave NB	WB	LT	T	277	174	-14	0.48	0.34	10.0	11.7	В В	В
		Intersection	L	L	82	71	-11	0.16	0.14	18.3 17.5	18.2 17.3	B B	B B
9	E 60th Street &		T	T T	911 266	788 227	-123 -39	0.66 0.48	0.57 0.32	17.7 16.1	15.7 18.0	B B	B B
*	Madison Ave	WB	TR	R	115	34	-81	-	-		-		-
		Intersection NB	Т	Т	982	1099	117	0.70	0.78	17.2 13.0	16.4 15.4	B B	B B
10	E 62nd Street & Queensboro Bridge		R	R L	746 10	838	92 -4	0.71	0.79	16.7	21.2	В .	C
	Exit	EB	LT	Т	142	89	-53	0.25	0.16	28.5 15.4	27.4 17.7	C B	C B
		Intersection SB	Т	Т	876	497	-379	0.91	0.52	26.0	8.8	C	А
11	E 60th Street & 5th	WB	R L	R L	284 169	161 146	-123 -23	0.71	0.40	20.1 24.9	9.3 24.0	C	A C
	Ave	Intersection	T	T	179	152	-27	0.21	0.18	21.7 24.3	21.3 13.1	C C	C B
		NB	TR	Ţ	189	151	-38	0.46	0.37	35.1	33.0	D	C
			L	R L	377 370	240 310	-137 -60	0.47	0.30 0.41	7.9 25.7	6.2 21.8	A C	A C
12	E 63rd Street &	SB	TR	T R	385 50	323 49	-62 -1	0.46	0.38	19.3	18.0	В .	В .
	York Ave	WB	L	L T	330 295	170 177	-160 -118	0.54 0.54	0.30 0.30	40.2	34.1 32.9	D D	C
			TR	R	25	177	-8	-	-	37.2	-	-	-
	F F2-4 Ctt 0	Intersection SB	R	R	158	119	-39	-	-	25.3	21.9	C .	C -
13	E 53rd Street & FDR Drive	SWB Intersection	R Unsignalized	R	365	298	-67	-	-	-	-	-	-
1.	E 61st Street & 5th	SB	Ť	T	976	607	-369	0.59	0.37	22.6	19.1	C	В
14	Ave	WB Intersection	L	L	184	51	-133	0.19	0.05	18.2 21.8	16.8 18.9	B C	B B
		SB	LT	L T	75 731	65 638	-10 -93	0.47	0.41	6.6	6.6	- A	A
15	E 65th Street & 5th Ave	EB	T	T	669	652	-17	0.74	0.73	33.6	32.9	С	С
		Intersection	R	R	205	200	-5	0.58	0.57	32.7 20.0	32.2 20.4	C C	C
		SB	TR	T R	747 255	650 238	-97 -17	0.56	0.50	18.2	17.2	В -	В .
16	E 66th Street & 5th Avenue	WB	LT	L	59	53	-6	- 0.70			-		
		Intersection		T	468	419	-49	0.60	0.54	29.4 22.1	28.1 21.1	C C	C
		SB	LTR	L T	60 617	55 564	-5 -53	0.56	0.51	25.1	24.3	C	C
	E 79th Street & 5th		T	R T	70 354	62	-8 -23	0.56	0.53	34.1	33.4	- C	- C
17	Ave	EB	R	R	110	103	-7	0.38	0.35	33.0	32.5	C	C
		WB	L T	L T	54 388	47 329	-7 -59	0.55 0.40	0.48	57.9 22.5	53.2 21.7	E C	D C
		Intersection		L	10	8	-2			28.1	27.3	C	C
		NB	LTR	T	236	104	-132	0.21	0.10	18.4	17.1	В В	В
				R L	0	0	0	-	-	-	-	-	-
18	E 71st Street &	SB	LTR	T	317	181	-136	0.32	0.18	19.8	18.1	В	В
	York Ave		L	R L	40 80	26 75	-14 -5	0.20	0.19	26.7	26.5	C	C
		WB	TR	Ţ	180 100	178 70	-2 -30	0.59	0.52	35.3	33.1	D	C
				R									

	1		Upper W	est Study Area	No-Action vs \	With-Action (No Volume (vph)	Mitigation) - Al	M Peak Hour	'/C	Delay (seconds)		ns
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	L T	L T	104 187	98 177	-6 -10	0.36	0.34	20.4	19.7	C B	B B
		SB	R TR	R T	64 414	60 406	-4 -8	0.22 0.60	0.20 0.59	15.7 27.8	15.5 27.6	B C	B C
1	W 72nd Street & West End Ave	EB	LTR	R L T	30 10 131	30 8 105	0 -2 -26	0.64	0.50	37.4	33.2	- - D	- C
		WB	LTR	R L T	116 84 138	90 74 125	-26 -10 -13	0.75	0.64	43.9	37.7	- - D	- - D
		Intersection		R	44 1322 19	40 1213 15	-4 -109 -4	-	-	30.0	27.5	C	C
		NB	LTR	T R	370 57	272 45	-98 -12	0.47	0.35	10.1	9.4	B -	A
2	W 61st Street & West End Ave	SB	TR	L T R	55 574 35	55 450 35	0 -124 0	0.25	0.21	14.8	13.9 12.7	B B	B B
		EB	LTR	L T R	20 15 55	19 11 55	-1 -4 0	0.34	0.33	28.9	28.8	C	C
		Intersection		L	1200	957 57	-243 -3	-	-	13.5	13.2	В -	В -
		NB	LTR	T R L	30 10 15	30 10 15	0 0	0.66	0.61	48.3	43.5	D -	D -
3a	W 79th Street &	SB	LTR	T R L	130 154 5	130 147 4	-7 -1	1.03	1.00	87.9 -	81.7	F	- -
	Riverside Drive	EB	TR	T R	502 330 5	448 295	-54 -35 0	0.59	0.53	12.6	11.5	B .	B -
		WB Intersection	TR	T R	590 25 1856	547 24 1712	-43 -1 -144	0.46	0.43	10.6 - 26.7	10.3 - 25.5	B - C	B - C
	W 56th Street &	NB	TR	L R	212 100	207 99	-5 -1	0.35	0.34	22.2	22.1	C	C -
4a	12th Avenue	EB	LT	L T	465 705	464 702	-1 -3	0.86	0.86	7.0	6.8	A B	A A
	W 56th Street &	Intersection NB	T L	T L	1482 2143 1170	1472 2128 1166	-10 -15 -4	1.05	1.05	10.6 65.6 47.9	10.4 63.2 47.5	B E D	B E D
4b	West Side Highway	SB Intersection	T	Т	2958	2936	-22	0.52	0.51	0.7 32.1	0.6 31.2	A C	A C
		NB	L T	L T	75 2013	75 2002	-11	1.01 0.59	1.01 0.58	206.8 15.6	206.8 15.4	F B	F B
5a	W 55th Street & West Side Highway	SB	TR	T R L	2958 0 126	2936 0 122	-22 0 -4	0.92	0.92	33.2	32.7	- C	- -
	,	WB	LT R	T R	30 130	29 126	-1 -4	0.77 0.36	0.75 0.35	30.1 6.2 28.2	27.9 6.2 27.8	C A C	C A C
		NB	LT	L T	0 282 0	0 277 0	0 -5 0	0.36	0.35	11.8	11.7	- B	- B
5b	W 55th Street & 12th Avenue	SB	TR	R L	0	0	0	-	-		-	-	-
		WB	LTR	T R	286 30	277 29	-9 -1	0.54	0.52	57.9 - 36.2	57.5 - 35.8	- D	- D
5c	W 55th Street & West Side Highway	SB WB	T L	T L	0 105	0 104	-1	0.41	0.40	37.2	35.2	D	D
	Arterial	Intersection NB	L T	L T	328 503	317 486	-11 -17	0.78	0.76	37.2 48.5 14.3	35.2 46.8 14.2	D D B	D D B
6	W 60th Street & Broadway	SB	TR	T R	845 64	689 52	-156 -12	0.89	0.72	27.7	20.9	Ċ	C -
		Intersection	TR	T	972	752	-220	0.73	0.56	27.9 5.9	24.3 4.6	C A	C A
7	W 60th Street & Columbus Ave	WB	L T	R L T	78 235 157	60 215 154	-18 -20 -3	0.92	0.84	46.5	36.6	D A	D A
		Intersection NB	LT	L	91	69	-22	-	-	12.5	10.5	B .	B -
8	W 60th Street & Amsterdam Ave	WB	T R	T T R	912 170 65	687 150 64	-225 -20 -1	0.47 0.48 0.31	0.36 0.43 0.31	14.5 44.6 42.9	13.2 46.4 45.9	B D D	B D D
		Intersection NB	L	L	19	14	-5	0.09	0.06	20.9 11.1	21.4 10.5	C B	C B
		SB	T	T T R	372 609 20	276 489 16	-96 -120 -4	0.34	0.25	12.3 3.1	3.5	A .	B A
9	W 60th Street & West End Ave	EB	LTR	L T	5	5	0	0.12	0.12	21.3	21.3	C	- C
	West End Me	WB	LTR	R L T	30 140 52	30 137 31	-3 -21	- 0.68	0.58	56.0	54.5	- - E	- - D
		Intersection		R	69	51	-18	-	-	16.7	16.7	B	- B
	W 61st Street &	NB	TR	R L	972 5 117	747 4 102	-225 -1 -15	0.44	0.34	3.2	3.6	- A	- A
10	Amsterdam Ave	EB WB Intersection	LT R	T R	10 10 142	9 10 125	-1 0 -17	0.46 0.04	0.40 0.04	38.9 23.6 8.1	39.0 23.6 9.0	D C A	D C A
11	W 61st Street & Columbus Ave	SB	LT	L T	182 1050	156 812	-26 -238	0.77	0.61	22.2	18.1	C	- B
		Intersection NB	TR	T R	1232 493 10	968 476 10	-264 -17 0	0.34	0.33	9.6 -	18.1 9.6	C A	B A
12	W 61st Street & Broadway	SB	LT	L T L	20 801 30	0 650 26	-20 -151 -4	0.56	0.40	19.7	17.2	B .	- B
		EB	LTR	T R	44 108	39 91	-5 -17	0.54	0.46	25.7	26.5	C -	C -
13	W 61st Street & Columbus Ave	Intersection NB EB	T L	T L	1506 598 74	1292 575 49	-214 -23 -25	0.32 0.23	0.31 0.15	17.0 13.4 28.1	15.5 13.3 18.9	B B C	B B B
	- Juliano Ave	Intersection	LTR	L T	672 15 224	624 14 219	-48 -1 -5	- 0.28	0.27	15.1 - 19.1	13.8 - 19.0	- B	- B
		SB	LTR	R L T	169 165 385	164 162 379	-5 -3 -6	0.44 0.57 0.88	0.42 0.56 0.86	23.2 28.7 43.6	22.9 28.2 41.1	C C D	C C D
14	W 81st Street & Central Park West		LIR	R L	45 15	42 13	-3 -2	0.18	0.15	44.0	43.2	D	D
		EB	TR L	T R L	312 10 167	278 9 151	-34 -1 -16	0.92 0.04 0.84	0.82 0.03 0.68	61.6 23.5 52.4	48.2 23.4 34.8	C D	C C
		WB	T R	T R	224 118 1441	188 107 1329	-36 -11 -112	0.71 0.41	0.60 0.37	40.8 30.1 39.7	35.4 29.2	D C D	D C C
		NB	LT	L T	65 353	62 335	-112 -3 -18	0.43	0.40	39.7	34.4	- A	- A
15	W 66th Street &	SB	TR	T R	656 45	612 44	-44 -1	0.57	0.54	20.4	19.6	C -	B -
	Central Park West	WB	L T R	L T R	177 314 231	162 285 211	-15 -29 -20	0.51 0.80 0.65	0.47 0.73 0.60	31.3 44.6 37.0	30.2 39.4 34.6	D D	C D C
		Intersection		Т	1841 388	1711 369	-20 -130 -19	0.65	0.60	23.6 37.7	34.6 21.7 36.2	C D	C
	W 65th Strock 2	NB SB	TR LT	R L	255 370	254 345	-1 -25	0.98	0.90	59.2	43.3	- E	D
16	W 65th Street & Central Park West		L	T L	463 30	429 28	-34 -2	0.56	0.52	9.8 22.9	8.8 22.9	A C	A C
		EB	TR	T R	499 25	462 23	-37 -2	0.77	0.71	36.1	33.6	D	C

		1	Upper We	st Study Area - I	No-Action vs Wi	th-Action (No N Volume (vph)	Mitigation) - Mid		1/C	Delay (seconds)		OS
Intersection #	Intersection Name	Approach	Lane Group	Movement									
		.,			No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	T R	T R	115 284 70	107 265 65	-8 -19 -5	0.34 0.49 0.23	0.31 0.45 0.22	19.0 19.8 16.5	18.2 19.1 16.2	B B B	B B B
	W 72nd Street &	SB	TR	T R L	329 55 25	312 55 19	-17 0 -6	0.57	0.55	29.4	28.9	C -	C -
1	West End Ave	EB	LTR	T R	108 89	81 62	-27 -27	0.63	0.46	38.5	33.6	D -	C -
		WB	LTR	L T R	80 155 50	67 137 44	-13 -18 -6	0.89	0.73	59.6	43.7	E	D .
		Intersection	LTR	L T	5 366	4 251	-1 -115	0.42	0.29	34.2 - 9.5	29.1	C - A	C - B
	W 61st Street &	SB	L	R L T	60 14 568	41 14 375	-19 0 -193	0.07 0.32	0.06 0.22	12.6	12.3 13.0	- B B	- В В
2	West End Ave		TR	R L	15 5	15 5	0		-	14.0	-	-	-
		EB Intersection	LTR	T R	20 35	20 35	0	0.17	0.17	24.0 - 12.8	24.0 - 12.9	C - B	- B
		NB	LTR	L T R	70 45 5	66 45 5	-4 0 0	0.46	0.43	31.6	30.5	C	- C
		SB	LTR	L T R	5 65 130	5 65 122	0 0 -8	0.68	0.65	38.8	37.4	D	- D
3a	W 79th Street & Riverside Drive	EB	TR	L T	20 313	17 265	-3 -48	0.53	0.44	12.7	11.5	- B	- B
		WB	TR	R L T	357 0 533	303 0 483	-54 0 -50	0.38	0.34	10.6	10.2	- - B	- - B
		Intersection		R L	50 258	48 252	-2 -6	0.25	0.25	16.8 4.0	16.3 3.9	B A	B A
4a	W 56th Street & 12th Avenue	NB EB	TR LT	R L	85 270	84 265	-1 -5	-	-	-	-	-	-
		Intersection NB	T	T	290 2417	285	-5 -19	0.84	0.82	16.8 11.6 10.5	15.5 10.8 10.1	B B B	B B B
4b	W 56th Street & West Side Highway	SB Intersection	L T	L T	560 2307	550 2255	-10 -52	0.91 0.81	0.89	63.0 49.6 33.6	60.8 49.4 33.0	E D C	E D C
		NB	L T	L T	155 2232 2307	155 2222 2255	-10 -52	1.05 0.71 0.91	1.05 0.70 0.89	165.1 19.0 79.9	165.1 18.9 79.3	F B	F B
5a	W 55th Street & West Side Highway	SB WB	TR LT	R L T	0 162 65	0 155 62	-52 0 -7 -3	- 0.80	- 0.77	- 26.5	- 23.2	- - C	- - C
		Intersection	R	R	185	176	-3	0.42	0.77	5.9 50.5	5.7 49.9	A D	A D
		NB SB	LT TR	T T	0 298 0	0 293 0	-5 0	0.43	0.43	15.5	15.4	В .	B
5b	5b W 55th Street & 12th Avenue	WB	LTR	R L T	0 0 412	0 0 393	0 0 -19	0.56	0.53	42.7	42.1	- - D	- - D
		Intersection		R	45	43	-2	-	-	31.9	31.3	- C	- C
5c	W 55th Street & West Side Highway Arterial	SB WB Intersection	T L	T L	0 220	217	-3	0.57	0.57	66.0	62.0 62.0	E E	E E
6	W 60th Street &	NB	L T	L T T	338 450 753	327 436 544	-11 -14 -209	0.83 0.36 0.86	0.81 0.35 0.62	52.2 13.6 34.5	49.9 13.5 21.6	B C	D B C
	Broadway	SB Intersection	TR	R	79	57	-22	0.74	0.48	32.6 6.6	26.3 4.2	C A	C A
7	W 60th Street & Columbus Ave	SB WB	TR L	R L	123 214	81 181	-42 -33	0.75	0.63	25.2	19.1	- C	- B
		Intersection NB	LT	T L	203	203	-18	0.32	0.32	3.5 8.8	3.1 6.5	A A	A A
8	W 60th Street & Amsterdam Ave	WB	T R	T T R	1031 241 85	735 199 85	-296 -42 0	0.48 0.60 0.36	0.35 0.50 0.36	14.6 45.3 41.1	13.0 47.4 46.3	D D	B D D
		Intersection NB	L	L	10 356	7 221	-3 -135	0.05	0.03	22.0 10.3 11.8	22.9 9.9 10.8	C B	C A B
		SB	TR	T R	588 15	400 10	-188 -5	0.29	0.18	5.2	5.2	A .	A -
9	W 60th Street & West End Ave	EB	LTR	L T R	0 0 20	0 0 20	0 0	0.07	0.07	20.6	20.6	C -	- C
		WB	LTR	L T R	170 60 75	170 0 75	-60 0	0.72	0.63	47.9	46.9	- D	- D
		Intersection NB	TR	Т	1106	812	-294	0.47	0.35	17.9 3.6	18.7 4.3	B A	B A
10	W 61st Street & Amsterdam Ave	EB	LT	R L T	10 84 10	8 67 8	-2 -17 -2	0.28	0.23	34.0	32.4	- C	C
	W 61st Street &	WB Intersection SB	R LT	R L	20	20	-37	0.06	0.06	23.9 6.8	23.9 7.5	C A	C A
11	Columbus Ave	Intersection	TR	T T	1090	717	-373 -7	0.82	0.57	23.8 23.8 5.1	17.3 17.3 5.1	C C A	B B A
	W 61st Street &	NB SB	LT	R L T	8 30 688	1 6 483	-7 -24 -205	0.53	0.34	19.2	16.6	- - B	- - B
12	Broadway	EB	LTR	L T	45 35	39 30	-6 -5	0.66	0.55	37.9	38.6	- D	- D
	W 61st Street &	Intersection NB	T	R	617	118 578	-26 -39	0.34	0.32	18.0 13.6	16.1 13.3	B B	- В В
13	Columbus Ave	EB Intersection	L	L	73	37	-36	0.25	0.13	24.0 14.7	9.4	C B	A B
		NB	LTR	T R	395 255	386 247 79	-9 -8	0.50 0.91 0.48	0.48 0.88	21.7 60.8	21.4 55.9	C E	C E
	W 81st Street &	SB	LTR	T R	85 305 40	287 35	-6 -18 -5	0.77	0.44	29.3 35.8	27.6 32.3	C D	C C
14	Central Park West	EB	L TR	T R	15 299 30	13 263 27	-2 -36 -3	0.20 0.74 0.19	0.16 0.65 0.17	44.7 40.7 27.2	43.8 36.1 26.8	D D C	D D C
		WB	L T R	L T R	178 261 158	159 219 142	-19 -42 -16	0.91 0.64 0.57	0.77 0.54 0.51	64.5 36.0 35.2	42.3 32.4 33.3	E D D	D C
		Intersection NB	LT	L	45	43	-2	-	-	38.7	34.1	D -	C -
15	W 66th Street &	SB	TR	T T R	474 585 55	453 523 53	-21 -62 -2	0.44 0.55	0.41 0.50	1.6 20.6	1.5 19.6	A C	A B
	Central Park West	WB	L T R	L T R	218 387 273	197 347 246	-21 -40 -27	0.65 0.98 0.81	0.59 0.88 0.73	36.1 71.1 49.0	33.7 52.5 42.3	D E D	C D
		Intersection NB	TR	T R	464 200	447 199	-17	0.81	0.79	30.9 34.6	25.5 33.5	C C	C C
16	W 65th Street & Central Park West	SB	LT	L T L	332 471 55	300 420 49	-32 -51	0.78 0.54 0.18	0.69 0.48	34.0 11.0 25.5	29.0 10.3 25.2	C B C	C B C
	central Park West	EB	TR	T R	55 363 30	49 321 27	-6 -42 -3	0.18 0.61	0.15 0.54 -	32.0	30.4	C -	C C An
		Intersection				. –		. –		28.1	26.6	С	

			Upper V	est Study Area	- No-Action vs \	With-Action (No	Mitigation) - PI						
						Volume (vph)		٧	//C	Delay (seconds)	L	os
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
		NB	L T	L T	150 626	136 568	-14 -58	0.37 0.87	0.32 0.79	18.3 34.0	16.7 27.4	B C	B C
		SB	R TR	R T	135 363	122 325	-13 -38	0.34 0.64	0.31 0.58	15.8 35.7	15.2 34.1	B D	B C
1	W 72nd Street &	EB	LTR	R L	30 20	30 13	-7	-	-	-	-	-	-
	West End Ave	ED	LIK	T R	96 90 79	62 48 59	-34 -42 -20	0.65	0.38	41.7	33.8	D -	- C
		WB	LTR	T T	120	102	-18	0.83	0.63	55.3	40.9	Ē	D
		Intersection		R	45	38	-7	-	-	35.6	29.3	D D	Ċ
		NB	LTR	L T	15 746	11 490	-4 -256	0.68	0.45	10.9	9.8	В	A
	W 61st Street &	cn.	L	R L	48 35	37 35	-11 0	0.23	0.14	15.6	12.7	B	В В
2	West End Ave	SB	TR	T R	723 20	495 20	-228 0	0.39	0.28	13.6	12.4	B -	B -
		EB	LTR	L T	25 20	23 0	-2 -20	0.27	0.08	27.2	24.1	c	C
		Intersection		R	35 40	36	-35	-	-	13.0	11.4	В	В
		NB	LTR	T R	185 15	185 15	0	0.78	0.75	46.6	44.3	D	D
		SB	LTR	L T	5	5 59	0 -1	0.62	0.57	39.0	36.8	- D	- D
3a	W 79th Street &	55	LIN.	R	99	87 51	-12	-	-	-	-	-	-
54	Riverside Drive	EB	TR	T R	605 352	507 295	-98 -57	0.78	0.64	17.1	13.1	В	В
		WB	TR	L T	0 419	0 345	0 -74	0.41	0.35	9.5	9.0	A	A
		Intersection		R	156	146	-10		-	20.6	18.5	c c	- B
	M E4th Carr	NB	TR	L R	290 129	277 124	-13 -5	0.28	0.27	4.2	4.2	A -	A .
4a	W 56th Street & 12th Avenue	EB	LT	L T	160 410	158 404	-2 -6	0.76	0.75	17.2	15.8	- B	В
		Intersection NB	Т	Т	2667	2625	-42	0.79	0.78	11.4 8.7	10.7 8.2	B A	B A
4b	W 56th Street & West Side Highway	SB	L T	L T	570 2014	562 1970	-8 -44	0.92 0.36	0.91 0.35	77.6 0.2	74.9 0.2	E A	E A
	. ,	Intersection NB	L	L	15	15	0	0.21	0.21	13.9 73.1	13.3 73.1	B E	B E
		SB	T TR	T T	2478 2014	2448 1970	-30 -44	0.68 0.66	0.67 0.64	15.9 23.7	15.7 23.3	B C	B C
5a	W 55th Street & West Side Highway		LT	R L	0 315	0 301	-14	0.80	0.75	25.3	21.6	- C	C C
		WB	R	T R	10 189	10 177	-12	0.88 0.77	0.84	39.1 22.9	33.5 21.7	D C	C
		Intersection NB	LT	L	0	0	0	-	-	20.8	20.1	C -	C -
		SB	TR	T	399	382 0	-17 0	0.46	0.44	13.4	13.1	B -	B .
5b	W 55th Street & 12th Avenue	wn	LTD	R L	0	0	0	-	-		-		-
		WB	LTR	T R	514 20	488 19	-26 -1	0.76	0.72	64.7	62.8	- E	
5c	W 55th Street & West Side Highway	Intersection SB WB	T	T	0 25	0	0	- 0.08	- 0.08	42.6 - 7.1	41.3	D -	- A
30	Arterial	Intersection		L	303	25	-14	0.08	0.68	7.1 7.1 44.1	6.7 6.7 42.6	A A D	A A D
6	W 60th Street &	NB	L T	T	640 847	611 599	-14 -29 -248	0.49	0.68 0.47 0.66	15.3 43.8	14.9 22.5	B D	B C
	Broadway	SB Intersection	TR	R	88	62	-26	0.93	-	34.1	23.3	- C	- C
		SB	TR	T R	1133 126	653 73	-480 -53	0.82	0.47	8.1	4.2	A	A
7	W 60th Street & Columbus Ave	WB	L T	L T	190 201	162 189	-28 -12	0.69 0.35	0.59 0.33	25.9 5.0	20.8 4.3	C A	C A
		Intersection		Ĺ	97	66	-31	-	-	9.7	6.7	A	Ä
8	W 60th Street &	NB	LT T	T	1371	926 183	-445 -39	0.65 0.60	0.44	17.1 45.7	14.0 49.3	B D	B D
	Amsterdam Ave	WB	R	R	105	79	-26	0.49	0.37	46.1 22.6	49.1 21.7	D C	D C
		NB	L T	L T	10 679	7 432	-3 -247	0.05 0.54	0.03	10.5 15.1	9.9 12.3	B B	A B
		SB	TR	T R	748 10	488 7	-260 -3	0.39	0.25	5.8	5.1	Α .	Α .
9	W 60th Street & West End Ave	EB	LTR	L T	10 0	10 0	0	0.10	0.10	21.0	21.0	- C	C
	West End Ave			R L	25 130	25 116	-14	-	-	-	-	-	-
		WB	LTR	T R	69 120	37 96	-32 -24	0.74	0.59	44.2	42.1	D -	D .
		Intersection NB	TR	Ţ	1456	991	-465	0.61	0.42	16.9 3.4	16.2 3.1	B A	B A
10	W 61st Street &	EB	LT	R L	20 98	14 60	-6 -38	-	-	-	-	-	-
	Amsterdam Ave	WB	R	T R	5 20	12 19	-1	0.32	0.22	32.5 23.9	39.8 23.9	C	D C
11	W 61st Street &	Intersection SB	LT	L T	194 1259	141 726	-53 -533	0.83	0.50	5.7	6.1	- C	- B
- 11	Columbus Ave	Intersection	TR	T	1259	726 601	-533	0.83	0.50	24.4 24.4 5.3	16.2 16.2 5.2	C	B B A
		NB	LT	R L	10 40	10 4	-29 0 -36	U.38	U.30 -	3.5	5.2	A .	-
12	W 61st Street & Broadway	SB		T	814 35	576 27	-238 -8	0.60	0.37	20.6	16.8	c	В .
		EB	LTR	T R	38 121	29 85	-9 -36	0.51	0.36	32.7	34.4	c	C
	W 4101 ft	Intersection NB	T	T	806	761	-45	0.42	0.40	16.2 14.5	13.4 14.2	B B	B B
13	W 61st Street & Columbus Ave	EB Intersection	L	L	88	43	-45	0.29	0.14	26.1 15.7	14.8	C B	B B
		NB	LTR	L T	25 621	23 603	-2 -18	0.61	0.59	22.8	22.4	- C	- C
				R L	255 59	245 56	-10 -3	0.80 0.44	0.77	41.6 30.8	38.9 28.5	D C	D C
	W 81st Street &	SB	LTR	T R	272 34	261 31	-11 -3	0.65	0.61	29.1	27.9	C	C
14	Central Park West	EB	L TR	L T	25 306	21 252	-4 -54	0.28	0.23 0.73	47.1 55.4	45.5 40.6	D E	D D
			TR L	R L	25 204	21 182	-4 -22	0.13	0.11	25.5 79.0	25.1 40.7	C E	C D
		WB	T R	T R	283 209	237 186	-46 -23	0.74 0.75	0.62 0.67	40.9 45.6	35.0 40.0	D D	D D
		Intersection NB	LT	L	35	33	-2	-	-	40.2	32.4	D -	C -
		SB	TR	T T	645 586	614 522	-31 -64	0.55 0.54	0.52 0.49	13.0 20.3	9.5 19.4	B C	A B
15	W 66th Street & Central Park West		L	R L	40 173	38 141	-2 -32	0.46	0.37	29.7	27.9	- C	- C
		WB	T R	T R	391 292	343 258	-48 -34	1.03 0.85	0.90 0.75	85.6 51.7	57.8 42.7	F D	E D
		Intersection NB	TR	T	630	603	-27	0.94	0.91	34.6 51.0	26.4 43.9	C D	C D
	M. (FA) **	SB	LT	R L	250 326	249 287	-1 -39	0.91	0.78	95.3	87.5	F	F
16	W 65th Street & Central Park West		L	T L	433 50	376 44	-57 -6	0.50 0.17	0.43	9.8 25.4	9.0 25.1	A C	A C
		EB	TR	T R	462 40	404 35	-58 -5	0.78	0.68	38.3	34.0 - 41.0	D - D	° • • A D
	1	Intersection	i e				0	1		46.0		1)	

			Upper West	t Study Area - N	o-Action vs Witi			Night Peak Hou					
Intersection #	Intersection Name	Approach	Lane Group	Movement	No-Action	Volume (vph) With-Action	Increment	No-Action	With-Action	No-Action	seconds) With-Action	No-Action	With-Action
		NB	L T	L T	93 133	83 119	-10 -14	0.23 0.20	0.20 0.17	16.0 15.1	15.0 13.6	B B	B B
		SB	R TR	R T R	59 295 25	53 273 25	-6 -22 0	0.15 0.41	0.13 0.35	15.0 26.2	13.6 24.1	B C	B C
1	W 72nd Street & West End Ave	EB	LTR	L T R	10 104 79	8 8 81 56	-2 -23 -23	0.46	0.32	33.1	29.9	- C	- C
		WB	LTR	L T	65 126	48 102	-17 -24	0.58	0.41	36.5	31.5	- - D	C
		Intersection		R	30	24	-6	-	-	27.0	23.8	C	C
		NB	LTR	T R	269 24	146	-123 -10	0.26	0.14	8.2	11.4	Α .	В .
2	W 61st Street & West End Ave	SB	L TR	L T R	30 555 15	30 335 15	0 -220 0	0.10 0.28	0.08 0.17	12.7 13.5	11.9 12.0	B B	B B
	West Life Ave	EB	LTR	L T	10 20	9 20	-1 0	0.16	0.15	23.8	22.9	C	- C
		Intersection		R	25 40	25 38	-2	-	-	12.5	12.9	B .	В .
		NB	LTR	T R L	35 5 5	35 5 5	0 0	0.25	0.23	26.1	25.1	- C	- -
3a	W 79th Street & Riverside Drive	SB	LTR	T R L	50 85 5	49 79 4	-1 -6 -1	0.46	0.42	30.4	28.6	- C	- -
	Kiverside brive	EB	TR	T R L	396 173 0	307 134 0	-89 -39 0	0.42	0.32	11.1	9.5	B -	A -
		WB Intersection	TR	T R	484 30	444 29	-40 -1	0.36	0.32	10.4	9.6 - 12.9	B - B	A
	WEAR O	NB	TR	L R	161 44	136 38	-25 -6	0.13	0.11	1.5	1.5	A .	A -
4a	W 56th Street & 12th Avenue	EB	LT	L T	140 280	135 271	-5 -9	0.76	0.63	14.6	6.2	В В	- A
	W Eath Street 2	Intersection NB	Т	T	2966	2884	-82	0.85	0.81	10.0 21.3	4.7 12.5	A C	A B
4b	W 56th Street & West Side Highway	SB Intersection	L T	L T	420 1338	406 1274	-14 -64	0.84 0.25	0.69	60.8 0.1 19.0	48.5 0.1 12.5	E A B	D A B
		NB	L T	L T	5 2696	5 2648	0 -48	0.06 0.83	0.05 0.79	55.0 24.6	52.6 20.7	D C	D C
5a	W 55th Street & West Side Highway	SB	TR LT	T R L	1338 0 105	1274 0 93	-64 0 -12	0.55	0.50	23.7	21.6	C -	C -
		WB Intersection	R	T R	5 270	4 236	-1 -34	0.39 0.54	0.31 0.43	6.9 7.4 22.7	6.3 6.1 19.7	A A C	A A B
		NB SB	LT	L T	0 195 0	0 165 0	-30 0	0.26	0.21	12.7	11.3	B	- B
5b	W 55th Street & 12th Avenue	WB	TR LTR	R L T R	0 0 380 10	0 0 333 9	0 0 -47 -1	0.45	0.36	40.4	36.7	- - D	- - D
5c	W 55th Street & West Side Highway	Intersection SB WB	T L	T L	0 10	0 9	0 -1	0.03	0.02	31.1 - 2.5	28.4	C - A	- A
	Arterial	Intersection	L T	L T	312 476	291 444	-21 -32	0.68	0.46 0.28	2.5 42.1 13.3	2.3 31.5 9.6	A D B	A C A
6	W 60th Street & Broadway	SB	TR	T R	620 85	363 50	-257 -35	0.76	0.43	25.6	20.7	C -	C -
		Intersection SB	TR	T	1024	476	-548	0.70	0.32	25.3 5.8	19.3 4.0	C A	B A
7	W 60th Street & Columbus Ave	WB	L T	R L T	70 235 162	33 180 161	-37 -55 -1	0.75 0.27	0.55 0.26	28.6	19.1	C A	B A
		Intersection NB	LT	L	40	34	-6	-	-	9.4	7.4	A -	Α -
8	W 60th Street & Amsterdam Ave	WB	T	T	949 147	777 127	-172 -20	0.40	0.32	13.5 44.0	12.2 44.9	B D	B D
		Intersection	R L	R L	85 15	67	-18 -6	0.30	0.23	43.6 20.0 10.4	44.3 19.2 9.3	D B B	D B A
		NB SB	T TR	T	258 570	120 354	-138 -216	0.18	0.08 0.17	10.8	9.5 5.0	B A	A A
9	W 60th Street &	EB	LTR	R L T	10 0 0	6 0 0	-4 0 0	0.04	0.03	20.0	19.3	- - B	- - B
	West End Ave	WB	LTR	R L T	15 100 42	15 94 20	0 -6 -22	0.47	0.39	41.8	39.9	- - D	- - D
		Intersection		R	45	47	2	-	-	13.8	15.3	- B	В
	W 61st Street &	NB	TR	T R L	1019 15 70	831 13 60	-188 -2 -10	0.43	0.35	5.0	4.4	A -	A -
10	Amsterdam Ave	EB WB	LT R	T R	70 4 25	4 24	-10 0 -1	0.20 0.07	0.16 0.07	30.3 22.6	28.9 21.8	C C	C C
11	W 61st Street &	Intersection SB	LT	L T	184 1094	156 509	-28 -585	0.70	0.36	7.2	13.9	- B	- B
	Columbus Ave	Intersection NB	TR	T	476	444	-32	0.70	0.36	19.8	13.9	B A	B A
12	W 61st Street &	SB	LT	R L T	0 20 590	0 0 317	-20 -273	0.39	0.18	17.1	14.3	- - B	- - B
14	Broadway	EB	LTR	L T R	40 29 115	37 23 96	-3 -6 -19	0.49	0.39	34.8	36.1	C	- D
13	W 61st Street &	Intersection NB EB	T L	T L	683	609	-74 -26	0.34 0.16	0.30	15.4 13.6 19.0	14.7 12.6 1.8	B B B	B B A
	Columbus Ave	Intersection	LTR	L T	30 320	29 318	-1 -2	0.38	0.37	14.0	12.2	B - C	B - B
		SB	LTR	R L T	170 55	164 45	-6 -10	0.36 0.19	0.33 0.15	21.4 19.5	20.3 18.3	C B	C B
14	W 81st Street & Central Park West		LIK	R L	201 25 15	172 20 14	-29 -5 -1	0.50 - 0.18	0.42 - 0.15	24.4	21.8 - 41.7	C - D	- D
	Carro of Park West	EB	TR L	T R L	244 30 93	219 28 76	-25 -2 -17	0.66 0.09 0.37	0.57 0.08 0.27	36.4 24.2 21.2	32.3 23.4 18.2	D C C	C C B
		WB Intersection	T R	T R	210 137	163 111	-47 -26	0.56 0.43	0.42 0.34	32.7 30.2 26.8	28.5 27.4 24.1	C C	C C
		NB	LT	L T	30 444	29 429	-1 -15	0.34	0.31	1.2	1.1	- A	- A
15	W 66th Street &	SB	TR	T R	403 30	316 29	-87 -1	0.36	0.28	17.5	16.0	B -	В -
	Central Park West	WB	L T R	L T R	104 360 242	69 293 200	-35 -67 -42	0.29 0.86 0.73	0.18 0.67 0.58	26.3 49.0 41.4	24.0 35.0 33.1	D D	C C
		Intersection NB	TR	Т	439	425	-14	0.84	0.79	24.5 35.8	18.5 32.5	C D	B C
	W 65th Street &	SB	LT	R L T	305 212 295	302 165 220	-3 -47 -75	0.57 0.32	0.43 0.24	22.3	14.0 4.2	C A	B A
16	Central Park West	EB	L TR	L T	35 419	33 395	-2 -24	0.32 0.10 0.61	0.24 0.09 0.55	24.5 31.6	4.2 23.6 29.6	C C	C C
		Intersection	IIV.	R	30	29	-1	_	-	28.0	25.6	- C	Ap

	Little Dominican Republic Area - No-Action vs With-Action - AM Peak Hour													
Intersection #	Intersection Name	Annroach	Lane Group	Movement		Volume (vph)		V	/c	De	lay	L	os	
intersection #	intersection Name	Approach	Lane Group	Wovement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action	
		NB	L	L	55	55	0	0.15	0.15	11.10	11.10	В	В	
	IND	Т	T	210	210	0	0.18	0.18	10.3	10.3	В	В		
		CD	T	T	220	220	0	0.44	0.44	23.0	23.0	С	С	
1	W 179th St &	SB	TR	R	80	80	0	-	-	-	-	-	-	
1	Broadway				L	45	45	0	-	-	-	-	-	-
			TR	T	153	163	10	0.72	0.75	39.8	41.8	D	D	
				R	50	50	0	-	-	-	-	-	-	
		Intersection								24.0	24.8	С	С	

	Little Dominican Republic Area - No-Action vs With-Action - MD Peak Hour													
Intersection #	Intersection Name	Annroach	Lane Group	Movement		Volume (vph)		V	/c	De	elay	L	os	
intersection #	intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action	
		NB	L	L	140	140	0	0.36	0.36	15.60	15.60	В	В	
		NB	Т	Т	330	330	0	0.25	0.25	11.4	11.4	В	В	
			T	T	220	220	0	0.44	0.44	24.1	24.1	С	С	
1	W 179th St &		TR	R	105	105	0	-	-	-	-	-	-	
1	Broadway				L	40	40	0	-	-	-	-	-	-
				T	196	257	61	0.73	0.88	37.7	50.9	D	D	
			R	50	50	0	-	-	-	-	-	-		
		Intersection						-	-	22.9	27.9	С	С	

	Little Dominican Republic Area - No-Action vs With-Action - PM Peak Hour													
Intersection #	Intersection Name	Annroach	Lane Group	Movement		Volume (vph)		V	/c	De	elay	L	os	
intersection #	intersection Name	Approach	Lane Group	Movement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action	
		NB	L	L	135	135	0	0.30	0.30	14.10	14.10	В	В	
		IND	Т	Т	340	340	0	0.27	0.27	11.6	11.6	В	В	
			T	T	230	230	0	0.41	0.41	23.7	23.7	С	С	
1	W 179th St &		TR	R	100	100	0	-	-	-	-	-	-	
1	Broadway				L	35	35	0	-	-	-	-	-	-
				T	217	244	27	0.76	0.80	39.6	41.6	D	D	
				R	60	60	0	-	-	-	-	-	-	
		Intersection								23.3	24.3	С	С	

				Lower Ea	st Side Study A	rea - No-Action v	s With-Action -	AM Peak Hour					
Intersection #	Intersection Name	Annuach	Lane Group	Movement		Volume (vph)		V	/c	De	lay	L	os
intersection #	intersection Name	Approach	Lane Group	wovement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			LT	L	10	10	0	-	-	-	-	-	-
		NB	LI	Т	355	355	0	0.76	0.76	39.1	39.1	D	D
			R	R2	165	157	-8	0.45	0.43	29.5	28.9	С	С
			Т	Т	85	78	-7	0.78	0.71	86.2	71.0	F	E
		SB	TR	T	50	50	0	0.15	0.15	23.6	23.6	С	С
	Park Row/Chatham		TIX	R	10	10	0	-	-	-	-	-	-
	Square &	EB	TR	T	20	20	0	0.09	0.09	22.0	22.0	С	С
1	Worth/Oliver St &	LD	111	R	10	10	0	-	-	-	-	-	-
	Mott St		L	L	133	116	-17	0.46	0.40	29.6	29.7	С	С
	WOLL 31	WB	T	T	15	15	0	0.30	0.27	21.5	22.8	С	С
			TR	R	168	150	-18	-	-	-	-	-	-
		SWB LR	L2	55	55	0	-	-	-	-	-	-	
			LR	L	0	0	0	0.24	0.24	33.0	33.0	С	С
				R	0	0	0	-	-	-	-	-	-
		Intersection								35.5	34.5	D	С
		NB	L	L	95	95	0	0.20	0.20	16.4	16.4	В	В
		ND	R	R	30	30	0	0.07	0.07	14.9	14.9	В	В
	Chatham Square &	EB	Т	Т	190	175	-15	0.18	0.16	19.2	18.6	В	В
2	E Broadway	LD	R	R	135	135	0	0.29	0.29	59.7	56.8	E	E
	L bioauway	WB	L	L	120	120	0	0.35	0.35	10.4	11.4	В	В
		WD	Т	Т	221	186	-35	0.21	0.18	6.4	6.8	Α	Α
		Intersection			0	0	0	-	-	20.9	21.1	С	С
		NB	L	L	140	140	0	0.58	0.58	41.5	41.5	D	D
		IND	Т	Т	250	250	0	0.55	0.55	19.8	19.8	В	В
	Chatham	EB	T	Т	215	200	-15	0.27	0.25	5.8	6.1	Α	Α
3	Square/Bowery &	LU	TR	R2	5	5	0	-	-	-	-	-	-
	Divison St	WB	LT	L	5	5	0	-	-	-	-	-	-
		VVD	T	Т	201	166	-35	0.25	0.20	20.1	19.7	С	В
		Intersection								20.1	20.4	С	С

				Lower Ea	ast Side Study A	rea - No-Action v	s With-Action -	MD Peak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	r/C	De	elay	L	os
intersection #	intersection Name	Арргоасп	Lane Group	Wovement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			LT	L	10	10	0	-	-	-	-	-	-
		NB	LI	Т	215	215	0	0.49	0.49	29.3	29.3	С	С
			R	R2	172	146	-26	0.47	0.40	30.2	28.3	С	С
			Т	T	163	137	-26	0.84	0.70	95.2	57.1	F	E
		SB	TR	T	75	75	0	0.22	0.22	24.6	24.6	С	С
	Park Row/Chatham		110	R	10	10	0	-	-	-	-	-	-
	Square &	EB	TR	T	20	20	0	0.11	0.11	22.2	22.2	С	С
1	Worth/Oliver St &		110	R	20	20	0	-	-	-	-	-	-
	Mott St		L	L	140	40	-100	0.44	0.12	25.6	35.2	С	D
	Wott St	WB	T	T	20	20	0	0.27	0.13	18.2	33.9	В	С
			TR	R	165	65	-100	-	-	-	-	-	-
		SWB	LR	L2	40	40	0	-	-	-	-	-	-
				L	0	0	0	0.17	0.17	31.8	31.8	С	С
				R	0	0	0	-	-	-	-	-	-
		Intersection								37.3	34.1	D	С
		NB	L	L	85	85	0	0.15	0.15	15.8	15.8	В	В
			R	R	35	35	0	0.08	0.08	14.9	14.9	В	В
	Chatham Square &	EB	Т	T	210	158	-52	0.20	0.15	20.0	16.3	В	В
2	E Broadway		R	R	185	185	0	0.37	0.37	84.7	85.6	F	F
	L bloadway	WB	L	L	130	130	0	0.35	0.33	7.7	15.9	Α	В
		VVD	T	T	240	40	-200	0.21	0.03	4.7	8.0	Α	Α
		Intersection								27.3	36.0	С	D
		NB	L	L	110	110	0	0.43	0.43	36.6	36.6	D	D
		140	T	Т	225	225	0	0.41	0.41	16.3	16.3	В	В
	Chatham	EB	T	T	235	183	-52	0.29	0.23	5.7	6.4	Α	А
3	Square/Bowery &		TR	R2	10	10	0	-	-	-	-	-	-
	Divison St	WB	LT	L	5	5	0	-	-	-	-	-	-
		****	T	T	260	60	-200	0.30	0.07	20.7	18.3	С	В
		Intersection			0	0	0	-	-	17.4	17.3	В	В

				Lower Ea	ast Side Study A	rea - No-Action v	s With-Action -	PM Peak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	/C	De	lay	L	os
intersection #	intersection Name	Арргоасп	Lane Group	Wovement	No-Action	With-Action	Increment	No-Action	With-Action	No-Action	With-Action	No-Action	With-Action
			LT	L	5	5	0	1	-	1	-	1	-
		NB	LI	Т	175	175	0	0.37	0.37	26.8	26.8	С	С
			R	R2	230	192	-38	0.62	0.52	39.0	31.9	D	С
			Т	Т	195	158	-37	0.73	0.59	68.8	40.5	E	D
		SB	TR	T	95	95	0	0.24	0.24	24.7	24.7	С	С
	Park Row/Chatham		110	R	5	5	0	-	-	-	-	-	-
	Square &	EB	TR	T	25	25	0	0.09	0.09	22.1	22.1	С	С
1	Worth/Oliver St &	LD	110	R	10	10	0	-	-	-	-	-	-
	Mott St		L	L	143	58	-85	0.46	0.19	28.7	34.0	С	С
	Wiott St	WB	Т	T	20	20	0	0.31	0.19	21.0	31.5	С	С
			TR	R	188	102	-86	-	-	-	-	-	-
		SWB	LR	L2	55	55	0	-	-	-	-	-	-
				L	0	0	0	0.24	0.24	33.0	33.0	С	С
				R	0	0	0	-	-	-	-	-	-
		Intersection								35.1	31.3	D	С
		NB	L	L	105	105	0	0.20	0.20	16.3	16.3	В	В
		ND	R	R	45	45	0	0.09	0.09	15.0	15.0	В	В
	Chatham Square &	Square & EB —	Т	Т	280	205	-75	0.26	0.19	45.5	19.6	D	В
2	E Broadway	Lb	R	R	225	225	0	0.39	0.39	84.4	85.0	F	F
	L bloadway	WB	L	L	125	125	0	0.35	0.32	9.9	17.0	Α	В
		WB	Т	Т	246	75	-171	0.22	0.07	6.4	9.0	Α	Α
		Intersection								35.4	35.2	D	D
		NB	L	L	155	155	0	0.62	0.62	43.0	43.0	D	D
		ND	Т	T	395	395	0	0.74	0.74	26.5	26.5	С	С
	Chatham	EB	T	T	315	240	-75	0.38	0.29	6.2	7.0	Α	Α
3	Square/Bowery &	LD	TR	R2	10	10	0	-	-	-	-	-	-
	Divison St	WB	LT	L	5	5	0	-	-	-	-	-	-
		VVD	Т	Т	216	45	-171	0.25	0.06	20.1	18.1	С	В
	-	Intersection								21.5	23.3	С	С