CENTRAL BUSINESS DISTRICT (CBD) TOLLING PROGRAM

Appendix 4B.3, Transportation:

Traffic LOS: Existing And No Action Alternative

August 2022

				9A S	itudy Area - No-	Action - AM Pea	ak Hour					•
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	V.	/C	De	lay	L(OS
IIItersection#	intersection name	Арргоасп	Larie Group	Movement	Volume	Volume	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	TR	T	1865	1874	0.71	0.71	19.1	19.2	В	В
		ND		R	20	20	-	-	-	-	-	-
	24th Stroot 9 12th	SB	L	L	110	109	0.97	0.96	135.5	133.8	F	F
1	24th Street & 12th Ave	SD	T	T	1775	1765	0.61	0.60	16.4	16.4	В	В
		WB	L	L	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	27.9	С	С

				9A Stu	udy Area - No-A	ction - Midday P	eak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	V.	/C	De	lay	LO	OS
Intersection #	intersection Name	Арргоаст	Lanc Group	Wovernent	Volume	Volume	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	TR	T	1505	1523	0.68	0.69	21.2	21.4	С	С
		ND		R	20	20	-	-	-	-	-	-
	24th Stroot 9 12th	SB	L	L	80	80	0.78	0.78	91.3	91.3	F	F
1	24th Street & 12th Ave WB	30	T	T	1540	1536	0.64	0.64	20.3	20.2	С	С
		\M/R	L	L	130	130	0.45	0.45	43.7	43.7	D	D
		VVD	R	R	195	195	0.54	0.54	51.7	51.7	D	D
		Intersection					-	-	25.1	25.1	С	С

				9A S	Study Area - No	-Action - PM Pea	ak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement	Exisiting	No-Action	V.	/C	De	elay	L(OS
IIItersection#	intersection Name	Арргоаст	Lane Group	Wovement	Volume	Volume	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NR	TR	T	2365	2323	0.81	0.80	24.3	23.6	С	С
		NB		R	10	10	-	-	-	-	-	-
	24th Stroot 9 12th	SB	L	L	85	85	0.80	0.80	105.1	105.1	F	F
1		4th Street & 12th SB -	T	T	2060	2048	0.70	0.69	20.1	20.0	С	В
	AVE		L	L	235	235	0.80	0.80	72.4	72.4	E	E
			R	R	275	275	0.88	0.88	96.6	96.6	F	F
	1 [Intersection			_		-		30.3	30.1	C.	C.

				9A Stud	dy Area - No-Act	tion - Late Night	Peak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action		/C		lay		OS
intersection #	intersection runne	прргодог	zano oroap		Volume	Volume	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	TR	T	1630	1605	0.67	0.66	20.8	20.6	С	С
		ND		R	15	15	-	-	,	-	ı	-
	24th Stroot 9 12th	SB	L	L	45	45	0.39	0.39	60.4	60.4	E	E
1	24th Street & 12th Ave WB	30	T	T	1240	1240	0.49	0.49	17.4	17.4	В	В
		\M/R	L	L	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
		Intersection					-	-	22.8	22.7	С	С

					, ,	ume	ction - AM Pea	/C	De	elay	LC)S
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			L	L	570	570	0.99	1.38	58.1	230.0	E	F
		NB	TR	Т	915	1158	0.88	1.41	38.1	222.1	D	F
				R	260	260	-	0.47	-	6.1	-	Α
		0.0	Т	Т	715	724	0.68	0.73	40.5	43.5	D	D
		SB	R	R	90	91	0.32	0.35	36.3	38.6	D	D
4	Flatbush Avenue		L	L	135	172	0.78	1.11	73.5	145.1	E	F
1	and Tillary Street	EB	T	T	605	611	0.64	0.83	41.5	48.4	D	D
			R	R	225	227	0.96	0.85	89.8	63.8	F	E
			L	L	235	235	0.70	0.78	58.3	66.0	E	E
		WB	T	T	375	376	0.89	0.93	60.0	62.9	E	E
			R	R	365	463	1.05	1.06	113.6	111.9	F	F
		Intersection			0	0	-	-	52.3	116.9	D	F
			L	L	0	0	-	-	-	-	-	-
		NB	T	T	751	617	1.04	0.83	83.4	48.7	F	D
		INB	R	R	59	59	0.72	0.72	52.6	51.8	D	D
			K	R2	150	157	-	-	-	-	-	-
			L	L	600	609	0.92	0.88	61.0	54.3	E	D
		SB	T	Т	820	833	0.62	0.61	24.7	23.3	С	С
			R	R	15	15	0.04	0.03	9.7	8.5	Α	А
2	Adam Street and		L	L	0	0	-	-	-	-	-	-
	Tillary Street	EB	TR	T	195	205	0.47	0.36	45.1	37.1	D	D
			IK	R	90	90	-	-	-	-	-	-
			L	L	140	141	0.74	0.83	56.8	75.0	Е	E
		MD	T	T	230	232	0.61	0.36	43.9	37.3	D	D
		WB		R	525	0	1.02	-	82.3	-	F	-
			R	R2	35	39	-	0.10	-	32.8	-	С
		Intersection			0	0	-	-	57.9	42.0	Е	D
		ND	L	L	1120	1127	0.98	0.99	50.2	51.5	D	D
		NB	Т	Т	175	176	0.34	0.34	20.0	20.0	С	С
		0.0	Т	T	690	663	0.59	0.56	62.8	62.5	E	E
3	Old Fulton Street	SB	R	R	0	0	-	-	-	-	-	-
	and Vine Street		L	L	0	0	-	-	-	-	-	-
		EB	R	R	0	0	-	_	-	-	-	_
	 	Intersection			0	0	-	_	51.9	52.4	D	D

				ntown brooklyn		disting vs No-Act ume		/C	De	elay	LC)S
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Actio
			L	L	585	585	0.97	1.20	52.5	155.2	D	F
		NB	TR	Т	755	820	0.75	1.21dl	31.9	69.7	С	Е
				R	345	345	-	0.51	-	5.8	-	А
	•	CD	T	Т	660	636	0.58	0.59	37.8	39.5	D	D
		SB	R	R	80	77	0.31	0.31	35.6	37.4	D	D
1	Flatbush Avenue		L	L	115	123	0.57	0.68	57.4	66.4	Е	Е
ı	and Tillary Street	EB	T	T	695	683	0.65	0.82	41.6	47.2	D	D
			R	R	260	255	0.90	0.77	73.4	53.8	E	D
			L	L	235	233	0.66	0.73	55.9	61.6	E	Е
		WB	T	T	370	366	0.92	0.85	63.1	51.5	E	D
			R	R	355	382	1.04	0.96	109.2	83.4	F	F
	•	Intersection			0	0	-	-	49.3	59.6	D	Е
			L	L	0	0	-	-	-	-		-
		NB	T	T	556	474	0.80	0.66	47.8	41.2	D	D
		IND	R	R	44	44	0.79	0.81	57.3	57.9	E	Е
			ĸ	R2	185	188	-	-	-	-	-	-
			L	L	660	634	0.98	0.88	71.4	54.8	E	D
		SB	T	T	765	735	0.58	0.54	23.6	21.6	С	С
			R	R	20	19	0.05	0.04	9.9	8.6	Α	Α
2	Adam Street and		L	L	0	0	-	-	-	-	-	-
	Tillary Street	EB	TR	T	275	279	0.54	0.41	46.1	37.6	D	D
			IK	R	85	85	-	-	-	-		-
			L	L	170	169	0.97	1.10	96.2	138.4	F	F
		MD	T	T	215	214	0.54	0.31	41.4	36.6	D	D
		WB	D.	R	534	0	0.92	-	61.4	-	E	-
			R	R2	36	33	-	0.08	-	32.4	-	С
		Intersection			0	0	-	-	51.4	45.3	D	D
		ND	L	L	1120	1094	1.05	1.03	70.2	63.0	Е	Е
		NB	Т	Т	125	122	0.25	0.25	20.8	20.7	С	С
		CD	Т	Т	535	509	0.43	0.41	38.4	23.5	D	С
3	Old Fulton Street	SB	R	R	0	0	-	-	-	-	-	-
	and Vine Street		L	L	0	0	-	-	_	-	-	-
		EB	R	R	0	0	-	-	_	-		-
	 	Intersection	1		0	0	-	-	56.2	47.2	Е	D

			Do	wntown Brookly	, ,	Existing vs No-A		k Hour 7C	D	.lau	LO	ıc.
Intersection #	Intersection Name	Approach	Lane Group	Movement						elay	_	
					Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Actio
		ND	L	L	520	520	1.05	1.45	83.1	263.4	F	F
		NB	TR		800	971	0.76	1.47dl	31.9	111.1	С	F
				R	310	311	-	0.48	-	5.4	=	Α
		SB	Т	T	955	955	0.85	0.90	47.0	52.5	D	D
	L		R	R	80	80	0.28	0.30	34.7	36.6	С	D
1	Flatbush Avenue		L	L	105	128	0.48	0.66	54.1	65.3	D	E
	and Tillary Street	EB	T	T	730	733	0.70	0.89	42.7	53.0	D	D
			R	R	230	230	0.85	0.75	65.1	51.3	E	D
			L	L	225	223	0.56	0.62	52.1	55.9	D	E
		WB	T	T	650	643	1.04	0.93	87.0	58.4	F	E
			R	R	240	289	0.89	0.88	73.9	65.7	E	E
		Intersection			0	0	-	-	54.6	75.7	D	E
			L	L	0	0	-	-	-	-	-	-
		NB	T	T	769	621	0.97	0.76	66.9	44.9	E	D
		IND	R	R	61	61	0.91	0.92	71.9	72.2	E	E
	_		ĸ	R2	230	236	-	-	-	-	-	-
			L	L	535	536	0.78	0.74	49.0	45.3	D	D
		SB	T	T	1025	1027	0.76	0.74	29.1	26.9	С	С
			R	R	20	20	0.04	0.04	9.7	8.5	Α	А
2	Adam Street and		L	L	0	0	-	-	-	-	-	-
	Tillary Street	EB		Т	320	329	0.56	0.43	46.5	37.9	D	D
			TR	R	85	85	-	_	-	-	-	-
	1		1	Ī	225	225	1.05	1.34	107.9	219.1	F	F
			T	T	365	365	0.86	0.49	59.0	39.6	E	D
		WB		R	562	0	1.04	0.17	85.0	-	F	
			R	R2	38	38	-	0.11	-	32.9	-	С
		Intersection		I\Z	0	0		-	57.8	51.7	E	D
		IIItersection	L	L	1150	1151	0.73	0.73	22.0	22.0	C	С
		NB	T	T	245	245	0.73	0.73	14.6	14.6	В	В
		IND	T	T								
2	Old Fulton Street	SB			305	280	0.37	0.34	24.4	14.0	С	В
3	and Vine Street		R	R	0	0	-	-	-	-	-	-
		EB	L	L	0	0	-	-	-	-	-	-
	<u> </u>		R	R	0	0	-	-	-	-	-	-
		Intersection			0	0	-	-	21.3	19.4	С	В

					,	sting vs No-Actio		/C	De	elay	LO	20
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Actio
			ı		465	465	1.01	1.29	70.2	200.0	F	F
		NB	TR	T	835	847	0.76	1.29	31.6	47.9	C	D
				R	415	415	-	1.29	-	7.1	-	A
	•		Т	T	895	866	0.78	1.29	43.1	45.3	D	D
		SB	R	R	55	53	0.18	1.29	32.8	34.3	C	C
	Flatbush Avenue		L	L	105	106	0.51	1.29	55.9	61.5	E	Е
1	and Tillary Street	EB	T	Т	530	528	0.52	1.29	38.7	40.4	D	D
	,		R	R	150	149	0.52	1.29	43.0	37.9	D	D
	•		L	L	250	250	0.62	1.29	54.0	59.1	D	Е
		WB	T	T	410	410	0.79	1.29	49.1	42.3	D	D
			R	R	290	294	0.84	1.29	65.5	52.1	E	D
		Intersection			0	0	-	1.29	44.9	50.7	D	D
			L	L	0	0	-	1.29	-	-	-	-
		NB	T	T	556	511	0.71	1.29	43.6	40.4	D	D
		INB	R	R	44	44	0.46	1.29	39.4	38.6	D	D
			К	R2	105	106	-	1.29		-	-	-
			L	L	375	371	0.58	1.29	41.8	39.3	D	D
		SB	Т	T	625	619	0.49	1.29	21.9	20.4	С	С
			R	R	0	0	-	1.29	=	-	-	-
2	Adam Street and		L	L	0	0	-	1.29	-	-	-	-
	Tillary Street	EB	TR	T	140	141	0.25	1.29	41.4	34.4	D	С
			IK	R	45	45	-	1.29	-	-	-	-
			L	L	115	115	0.51	1.29	40.5	47.0	D	D
		\A/D	T	T	120	120	0.32	1.29	35.6	34.7	D	С
		WB	D.	R	576	0	0.95	1.29	64.1	-	E	-
			R	R2	39	37		1.29	-	34.2	-	С
		Intersection			0	0	-	1.29	41.5	33.5	D	С
		ND	L	L	1195	1190	0.79	1.29	24.4	24.3	С	С
		NB	Т	Т	130	129	0.17	1.29	12.6	12.6	В	В
			Т	Т	325	307	0.38	1.29	30.7	20.2	С	С
3	Old Fulton Street	SB	R	R	0	0	-	1.29	=	-	-	-
	and Vine Street		L	L	0	0	_	1.29	-	-	-	-
		EB	R	R	0	0	-	1.29	-	-	-	-
		Intersection		.,	0	0	-	1.29	24.7	22.5	С	С

Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	me No-Action	V. Existing	No-Action	Existing	elay No-Action	Existing	OS No-Action
			LT	L	70	71		-		-		-
		NB		T	715	715	1.05	1.18	83.2	128.5	F	F
			R	R	385	390	0.65	0.66	43.6	43.9	D	D
	Pulaski Bridge /	SB	TR	T R	445 60	445 60	0.68	0.68	8.6	8.6	A -	Α .
1a	11th Street &	50	LT	L	35	35	-	-	-	-	-	-
	Jackson Avenue	EB		T	55	71	0.23	0.26	37.3	37.8	D	D
		WB	L	L	490	480	0.70	0.69	45.1	44.6	D	D
			T	T	210	206	0.29	0.29	14.6 45.7	14.6	B D	В
		Intersection	L	L	65	65	0.39	0.39	5.6	61.3 3.2	A	A
		NB	T	T	685	685	0.65	0.65	12.4	23.2	В	C
		SB	TR	T	495	495	0.66	0.66	39.1	39.1	D	D
1b	11th Street & 48TH	0.5		R	15	15	-	-	-	-	-	-
	Avenue	WB	LTR	L T	10 25	10 25	0.08	0.08	17.8	17.8	В	В
		***	2111	R	10	10	-	-	-	-	-	-
		Intersection							22.4	28.0	С	С
		NB	T	T	205	218	0.35	0.37	13.9	14.2	В	В
			R	R L	10 35	11 35	0.03	0.03	10.6	10.6	В .	В -
•	50TH Avenue @	SB	LT	T	165	165	0.47	0.47	16.9	16.9	В	В
2	Vernon Blvd			L	35	35	-	-	-	-	-	-
		EB	LTR	T	50	50	0.29	0.29	13.7	13.7	В	В
		Intersection		R	30	30	-	-	14.9	15.0	- В	- В
			TR	T	1160	1176	0.84	0.85	26.5	27.2	C	C
		NB		R	30	30	-	-	-	-	-	-
	C C:	SB	L	L	75	74	0.78	0.80	63.9	68.0	E	E
3	Green Street & McGuiness Blvd		Т	T L	970 185	962 185	0.61	0.61	18.0	17.9	B -	B -
	ocanicas bivu	EB	LTR	T	20	20	0.63	0.63	40.7	40.7	D	D
				R	40	40	-	-	-	-	-	-
		Intersection	_	_					25.9	26.3	С	С
		NB	T TR	T T	1345 1045	1361 1036	-	-	-	-	-	-
4	McGuinness Blvd &	SB	117	R	1045	1036	-	-	-	-	-	-
	Freeman Street	WB	R	R	220	211	-		-		-	-
		Intersection	Unsignalized									
		NB	LTR	L T	35 90	35 90	0.57	0.57	33.0	33.0	- C	- C
		IND	LIK	R	40	40	- 0.57	- 0.57	- 33.0	- 33.0	-	-
				Ĺ	100	99	-		-	-	-	-
		SB	LTR	T	130	129	1.05	1.04	100.2	97.1	F	F
5	21th Street & 49th			R	10 35	10 38	-	-	-	-	-	-
5	Avenue	EB	LTR	L T	130	141	0.45	0.49	23.6	24.5	C	C
				R	10	11	-	-	-	-	-	-
			LT	L	5	5	-	-		-		
		WB	R	T R	40 310	40 310	0.11 0.91	0.11	17.8 57.4	17.8 57.4	B	B
		Intersection	π	7.	310	310	0.91	0.91	56.1	54.9	E	D
				L	15	17	-	-	-	-	-	-
		NB	LTR	T	60	67	-	-	-	-	-	-
				R L	20 25	23 35	-	-	-	-	-	-
		SB	LTR	T	0	0	-	-	-	-	-	-
	11th Street &			R	90	125	-		-	-	-	-
7	Borden Avenue	50		L	560	561	-	-	-	-	-	-
		EB	LTR	T R	50 25	50 26	-	-	-	-	-	-
				L	40	40	-	-		-	-	-
		WB	LTR	T	420	422	-	-	-	-	-	-
		1.1	I I P I	R	75	77	-	-	-	-	-	-
			Unsignalized LT	L	25	26		_				T -
		NB		T	295	303	0.44	0.45	8.3	8.3	A	A
	Van Dam Street &	SB	TR	T	900	842	0.74	0.70	81.4	80.0	F	E
8a	QMT Expy	30	TD	R	20	19	0.70	- 0.70	- 2//	- 24.4	-	
	',	WB	TR	T R	895 260	891 263	0.70	0.70	26.6	26.6	C -	C
		Intersection		IV.	200	203		-	43.9	42.3	D	D
		NB	TR	T	290	299	0.56	0.57	43.2	43.7	D	D
		IND		R	5	5	-	-	-	-	-	-
	Van Dam Street &	SB	L T	L T	680 220	636 206	1.04 0.31	0.97 0.29	94.4 3.9	95.6 3.4	F A	F A
8b	Borden Avenue			L	30	30	-	-	-	-	- A	- A
		EB	LTR	T	185	185	0.31	0.31	29.0	29.0	С	С
				R	15	15	-	-	-			-
		Intersection		L	0	0			58.0	57.9	E	É
		NB	TR	T	190	260	0.48	0.65	46.8	51.3	D	D
				R	15	16					-	
	[SB	LT	L	15	15	-	-	-	-	-	
9	Jackson Ave /		т	T	130	132	0.39	0.40	38.5	38.9	D	D
У	Northern Blvd & Queens Plaza	EB	T R	T R	1045 355	963 327	0.51 0.71	0.47	23.5 33.8	22.8 31.1	C	C
				L	50	50	-	-	-	-	-	-
		WB	LTR	T	730	733	0.50	0.50	15.5	15.5	В	В
		late		R	60	60	-	-	- 2F.4	- 2/ 0	-	-
		Intersection	LR	L	0	0	-	-	25.4	26.0	C	C -
		SB	Liv	R	0	0	-	-	-	-	-	-
11a	Thomson Avenue &	EB	T	Т	400	400	-	-	-	-	-	-
114	Dutch Kills Street	WB	T	T	385	385	-	-	-	-	-	-
			R Unsignalized	R	895	896	-	-	-	-	-	-
			Unsignalized TR	Т	1280	1281	-	-	-	-	-	-
11h	Thomson Avenue &	WB		R	830	842	-	-	-	-	-	-
11b	Dutch Kills Street	EB	Т	T	400	400	-	-	-	-	-	-
		Intersection	Unsignalized									
		NB	LT	L T	40 315	0 365	0.37	0.47	15.5	17.6	В	В
		CD	TR	T	945	947	0.82	1.05	25.9	70.5	С	E
12	21th Street &	SB		R	405	401	-	0.51	-	18.3	-	В
12	Queens Plaza N	MD	LTD	L	125	123	- 0.70	- 0.71	47.0	- 47.0	-	
	i	WB	LTR	T	80	78	0.72	0.71	47.8	47.3	D	D
				R	85	84	-	-	-	-	-	_

				Long Island City		isting vs No-Actio						
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing Vo	ume No-Action	V/ Existing	/C No-Action	Existing De	No-Action	Existing	OS No-Action
			LT	L	70	70	-	-	-	-	-	-
		NB		T	515	515	1.03	1.03	84.6	84.6	F	F
		an.	R TR	R T	280 340	283 340	0.40	0.41	33.9 8.9	34.0 8.9	C A	C A
1a	Pulaski Bridge / 11th Street &	SB		R	75	75	-	-	-	-	-	-
	Jackson Avenue	EB	LT	L T	55 75	55 89	0.30	0.33	38.6	38.9	D	D
		WB	L	L	410	395	0.59	0.57	38.1	37.5	D	D
			T	T	215	208	0.28	0.28	12.1	12.0	В	В
		Intersection	L	L	55	55	0.32	0.32	41.6 6.0	41.6 5.9	D A	D A
		NB	T	T	515	515	0.57	0.57	11.3	11.3	В	В
	11th Street & 48TH	SB	TR	T R	410 35	410 35	0.67	0.67	43.1	43.1	D -	D -
1b	Avenue			L	5	5	-	-	-	-		
		WB	LTR	T R	25 15	25 15	0.08	0.08	15.1	15.1	В	В
		Intersection		л	13	13	-	-	24.3	24.3	C	C
		NB	T	T	220	230	0.42	0.44	15.1	15.4	В	В
			R	R L	25 35	27 35	0.06	0.06	10.9	11.0	B -	B -
2	50TH Avenue @	SB	LT	T	215	214	0.53	0.53	17.6	17.6	В	В
-	Vernon Blvd	EB	LTR	L T	30 30	30 30	0.21	0.21	12.7	12.7	- В	- В
		LD	LIK	R	20	20	-	-	-	-	-	-
		Intersection							15.6	15.7	В	В
		NB	TR	T R	745 40	752 40	0.55	0.55	17.0	17.1	B .	В -
		SB	L	L	80	78	0.39	0.38	19.2	19.1	В	В
3	Green Street & McGuiness Blvd		T	T L	640 240	624 243	0.39	0.38	14.2	14.1	В .	В .
	INICOUNIESS BIVU	EB	LTR	T	40	40	0.83	0.84	52.7	53.3	D	- D
		Into''		R	60	60	-		- 22.2	- 22 5		-
		Intersection NB	T	T	985	995		-	23.3	23.5	C -	C -
	McGuinness Blvd &	SB	TR	Т	720	702			-	-	-	-
4	Freeman Street	WB	R	R R	215 205	215 185	-	-	-	-		-
		Intersection	Unsignalized	IV.	203	103						
		NB	LTR	L	20	20	- 0.47	. 0.47	- 20.7	- 20.7	-	-
		IND	LIK	T R	85 50	85 50	0.47	0.47	28.7	28.7	C	C -
		an.	LTD	L	105	105	-		-	-		-
		SB	LTR	T R	100 10	100 10	0.87	0.87	58.7	58.7	E	E .
5	21th Street & 49th Avenue			L	30	33	-		-	-		-
	Avenue	EB	LTR	T R	100 10	111 11	0.35	0.39	21.5	22.3	C -	C
			LT	L	5	5			-	-	-	-
		WB		T	35	35	0.09	0.09	17.5	17.5	В	В
		Intersection	R	R	310	310	0.79	0.79	39.3 38.1	39.3 38.0	D D	D D
			LTD	L	10	10	-		-	-		-
		NB	LTR	T R	80 40	80 41	-		-	-	-	-
				L	35	45	-	-	-	-		-
		SB	LTR	T R	5 100	6 130	-	-	-	-	-	-
7	11th Street &			L	580	581	-		-	-	-	-
	Borden Avenue	EB	LTR	T R	75 40	75 41		-	-	-	-	-
				L	70	70	-	-	-	-	-	
		WB	LTR	T	270	271	-		-	-	-	-
		Intersection	Unsignalized	R	340	346	•	-	-	-	•	
		NB	LT	L	20	20	-		-	-	-	-
			TR	T T	235 850	238 768	0.27 0.71	0.27	3.7 75.2	3.6 73.7	A F	A F
8a	Van Dam Street & QMT Expy	SB		R	15	14	-	-		-		-
	757	WB	TR	T R	645 495	651 501	0.69	0.70	17.9	18.1	B -	B -
<u></u>		Intersection							37.2	35.2	D	D
		NB	TR	T	235	238	0.37	0.38	28.0	28.0	С	С
		SB	L	R L	10 635	10 574	1.05	0.95	92.8	93.1	F F	- F
8b	Van Dam Street &	JU	T	T	215	194	0.30	0.27	2.6	2.2	A	A
	Borden Avenue	EB	LTR	L T	20 205	20 205	0.32	0.32	23.6	23.6	C	C
				R	35	35	-	-	-	-	-	-
		Intersection		L	15	15	-		52.4	51.4	D .	D -
		NB	TR	T	260	272	0.76	0.80	57.0	59.2	E	E
			LT	R L	40 55	42 55	-	-	-	-		-
	Jackson Ave /	SB	LI	T T	145	145	0.64	0.66	52.7	53.9	D	- D
9	Northern Blvd &	EB	T	T	945	762	0.50	0.40	22.7	21.1	С	С
	Queens Plaza		R	R L	260 45	210 45	0.51	0.41	25.5	23.2	C -	C -
		WB	LTR	T	860	861	0.56	0.54	16.7	16.4	В	В
		Intersection		R	90	90	-	-	27.4	27.6	- C	- C
		SB	LR	L	1040	1047	0.59	0.59	17.3	17.4	В	В
	Thomas - A.:			R	25	25	-	-	-	-	-	-
11a	Thomson Avenue & Dutch Kills Street	EB	T	T T	230 235	223 235	0.20 0.28	0.19	29.1 30.4	29.0 30.4	C	C
		WB	R	R	0	0	-	-	-	-	-	-
		Intersection	Unsignalized TR	Т	235	235			21.0	21.0	C -	C -
11b	Thomson Avenue &	WB		R	885	885						
110	Dutch Kills Street	EB Intersection	T Unsignalized	T	1270	1270	-	-	-	-	-	-
		NB	Unsignalized LT	L	60	0	-	-	-	- 1	-	-
		INR		T	750	818	0.64	0.99	20.3	54.6	С	D
4-	21th Street &	SB	TR	T R	495 240	496 249	0.50	0.72	17.1	26.7 16.5	B -	C B
12	Queens Plaza N		,	L	70	65	-	-	-	-		-
l		WB	LTR	T R	45 55	44 51	0.42	0.41	37.8	38.2	D -	D -
		Intersection		N.	33	J1			20.6	39.7	C	D
-+ 2022											Λ	

				Long Island Ci	ity Study Area - I	Existing vs No-A	ction- PM Peak I	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement	Vol Existing	ume No-Action	V. Existing	/C No-Action	Existing	No-Action	Existing	OS No-Action
		ND	LT	L	70	70	1.01	1.01	145.9	145.9	F	F
		NB	R	T R	610 380	610 379	0.81 0.50	0.81 0.50	48.5 35.7	48.5 35.7	D D	D D
	Pulaski Bridge /	SB	TR	T R	555 55	556 55	0.89	0.89	20.0	20.1	В -	С
1a	11th Street & Jackson Avenue	EB	LT	L	50	50	-	-	-	-		-
			L	T L	85 685	145 666	0.31	0.41	38.4 52.2	40.2 49.9	D D	D D
		WB Intersection	T	T	165	159	0.18	0.18	11.0 40.9	10.9 40.4	B D	B D
		NB	L	L	70	70	0.63	0.64	22.5	22.7	C	C
			T TR	T T	590 600	590 601	0.56 0.91	0.56 0.92	4.7 59.9	4.6 60.1	A E	A E
1b	11th Street & 48TH	SB	***	R	35	35	-	-	-	-	-	-
	Avenue	WB	LTR	L T	10 40	10 40	0.10	0.10	15.3	15.3	В	В
		Intersection		R	15	15	-	-	32.8	32.8	- C	- C
		NB	Ţ	Ţ	240	277	0.43	0.50	15.0	16.1	В	В
		SB	R LT	R L	40 50	45 48	0.10	0.12	11.5	11.6	B -	B -
2	50TH Avenue @ Vernon Blvd	35		T L	180 50	179 50	0.52	0.51	17.4	17.3	В .	В
		EB	LTR	T	35	34	0.29	0.29	13.9	13.9	В	В
		Intersection		R	15	15	-	-	15.5	15.8	В	В
		NB	TR	T R	885 20	892 20	0.60	0.61	18.0	18.1	В -	В .
	Croop Ct1 ^	SB	L	L	60	59	0.35	0.35	19.1	19.2	В	В
3	Green Street & McGuiness Blvd		T	T L	985 170	970 170	0.56	0.55	16.8	16.7	B -	B -
		EB	LTR	T R	35 55	35 55	0.63	0.63	40.4	40.4	D .	D .
		Intersection	-						20.4	20.4	С	С
	McGuinness Blvd &	NB SB	T TR	T T	1055 1045	1062 1029	-	-	-	-		-
4	Freeman Street	WB 2B	R	R R	340 155	340 139	-	-	-	-		-
		Intersection	Unsignalized			•				ı		
		NB	LTR	L T	40 105	40 105	0.62	0.63	33.4	33.5	C	- C
				R L	65 165	65 163	-	-	-	-	-	-
		SB	LTR	T	80	79	1.05	1.17	97.5	137.6	F	F
5	21th Street & 49th Avenue			R L	30 40	30 48	-	-	-	-		-
	Avenue	EB	LTR	T R	80 30	97 36	0.41	0.50	23.0	25.1	C -	C
		WB	LT	L	5 85	5	0.20	0.20	18.8	18.8	- В	- В
		VVD	R	T R	355	85 355	0.20	0.20	47.0	47.0	D	D
		Intersection		L	10	11		-	50.2	60.9	D -	E
		NB	LTR	T R	40 15	42 16	-	-	-	-		-
				L	30	53		-	-	-		-
	11th Street &	SB	LTR	T R	5 150	9 263	-		-	-	-	-
7	Borden Avenue	EB	LTR	L T	570 70	567 70	-	-	-	-		-
				R	10	10			-	-		
		WB	LTR	L T	0 330	0 334	-	-	-	-	-	-
		Intersection	Unsignalized	R	150	154	-	-	-	-	-	-
		NB	LT	L	30	30	-	-	-		-	-
	Van Dam Street &	SB	TR	T T	265 575	265 508	0.29 0.51	0.29 0.45	4.8 27.6	4.7 25.2	A C	A C
8a	QMT Expy		TR	R T	10 860	9 867	0.73	0.74	26.7	26.8	- C	- C
		WB		R	395	393	-	-	-	-		
		Intersection NB	TR	T	265	0 265	0.44	0.44	24.0 39.5	23.3 39.5	C D	C D
			L	R L	10 335	10 296	0.63	0.56	97.9	96.8	- F	- F
8b	Van Dam Street & Borden Avenue	SB	T	T L	240 30	212	0.64	0.57	85.5	85.6	F	F
	Solucii Aveilue	EB	LTR	T	545	545	0.59	0.59	34.0	34.0	C	С
		Intersection		R	15	15	-	-	56.7	55.1	- E	- E
		NB	TR	L T	35 375	35 410	0.84	0.91	61.7	69.6	E E	E
		IVD		R	15	17	-		-	-		-
	Jackson Ave /	SB	LT	L T	20 140	20 143	0.34	0.35	36.5	36.7	- D	- D
9	Northern Blvd & Queens Plaza	EB	T R	T R	1255 270	926 199	0.60 0.55	0.44	24.5 26.6	21.7	C	C
	Queens PldZd			L	20	20		-	-	-		-
		WB	LTR	T R	750 60	752 60	0.38	0.38	14.2	14.1	B -	B -
		Intersection	LR	L	1385	1385	0.70	0.70	27.9 19.3	29.0 19.3	C B	C B
		SB		R	15	15	-	-	-	-	-	-
11a	Thomson Avenue & Dutch Kills Street	EB	T	T T	340 400	342 401	0.36 0.58	0.36 0.58	43.6 49.0	43.6 49.1	D D	D D
		WB	R	R	0	0	-	-	-	-	-	-
		Intersection WB	Unsignalized TR	T	400	401	-	-	29.3	29.3	C -	C -
11b	Thomson Avenue & Dutch Kills Street	EB	T	R T	670 1725	670 1727	-	-	-	-	-	-
	2 # 000	Intersection	Unsignalized		•				l .			
		NB	LT	L T	25 1030	0 1063	0.64	1.12	19.7	95.6	- B	F
	21th Street &	SB	TR	T R	625 265	629 272	0.54	0.70 0.34	17.6	23.5 15.2	B -	C B
12	Queens Plaza N	WB	LTR	L	80	77	-	-	56.4	-	E	-
			LIK	T R	115 150	113 144	0.84	0.82	-	54.4		D -
		Intersection							24.8	59.1	C	E

Intersection #	Intersection Name	Approach	Lane Group	Movement		ng vs No-Action ie (vph)		/C	De	elay		OS
miter section #	intersection Name	Approach			Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NEB	L	L2 L	0	0	-	-	-	-	-	-
1	Trinity Place &	NB	LT	L	15	3	-	-	-	-		
	Edgar Street	EB	T L	T L	200 35	79 35	0.18 0.30	0.09	13.9 43.4	10.1 20.7	B D	B C
		Intersection							18.4	13.5	В	В
		NB	TR	T R	220 15	104 10	0.33	0.16	18.1	10.7	В	В
2	Trinity Place & Rector Street	EB	LT	L	100	102		-			-	-
	Rector Street			Т	35	35	0.51	0.52	31.5	31.9	C	C
		Intersection	Т	Т	1070	1056	0.74	0.73	22.9 45.6	22.1 45.2	C D	C D
	HCT Entrance/Exit	NB	R2	R2	400	424	0.25	0.27	0.5	0.5	A	А
3a	& West Street	SB WB	T L	T L	1040 1560	1044 1692	0.65 0.90	0.65 0.97	1.4 42.7	1.4 53.0	A D	A D
		Intersection	L	L	1500	1092	0.90	0.97	28.4	32.7	C	C
		NB	T	T	1070	1056	0.61	0.61	1.3	1.2	Α	Α
	HCT Exit & West	SB	TR	T R	1040	1044 0	0.75	0.76	46.0	46.1	D -	D -
3b	Street & West Thams Street	EB	R	R	0	0	-	-		-		-
	manis su cou	WB	R	R	1090	1239 0	0.73	0.82	33.8 27.3	38.4 29.5	C	D C
		Intersection	L	L	560	430	0.72	0.48	19.1	29.5	В	C
		NB	T	T	645	496	0.66	0.57	13.4	13.8	В	В
4	Chambers Street & Centre Street	SB	TR	T R	225 30	237 31	0.44	0.79 0.29	30.5	50.5 35.9	C -	D D
	Contro Street	EB	R	R	385	394	0.60	0.89	31.5	51.3	C	D
		Intersection	IT		105	0			20.8	32.7	С	С
		ND	LT	L T	105 670	105 670	0.86	0.87	41.0	41.0	- D	- D
	0 16:	NB	R	R	190	190	0.56	0.56	34.9	34.9	С	С
	Canal Street & Hudson		R2 L	R2 L2	45 50	46 50	0.24	0.24	27.8	27.9	C	C -
5a	Street/Holland	EB		L	435	438	0.79	0.80	42.6	42.9	D	D
	Tunnel On-Ramp		T TR	T T	575 460	589 409	0.69 0.91	0.71 0.81	19.2 56.5	19.8 28.9	B F	B C
		WB	TIX.	R	100	89	-	-	-	-		-
		Intersection	-				0.41	0.40	39.4	33.6	D	C
F1	Canal Street &	EB	T T	T T	620 560	635 498	0.41 1.17	0.42 1.08	5.0 122.4	5.1 97.8	A F	A F
5b	Holland Tunnel On- Ramp	WB	R	R	880	880	1.14	1.14	100.9	100.9	F	F
	namp	Intersection	Т	T	2680	2680	1.00	1.00	80.6 50.1	70.3 50.2	F D	E D
	Canal Street S &	NB	R	R	290	291	0.61	0.61	28.2	28.2	C	C
7a	West Street	SB	L	L	730	734	0.75	0.75	115.1	115.1	F	F
		Intersection	T	T	2105	2144	0.74	0.76	7.9 41.9	8.2 41.9	A D	A D
		NB	T	T	2680	2680	0.60	0.60	0.9	0.9	Α	Α
7b	Canal Street N &	SB	T	T L	2835 0	2878 0	0.56	0.57	8.2	8.3	A	A
75	West Street	WB	LR	R	0	0	-	-	-	-		-
		Intersection	TD	T	2205	2267	0.77	0.79	4.6 24.9	4.7 25.8	A C	A C
		NB	TR	R	90	93	- 0.77	0.79	- 24.9	- 25.8	-	-
				L	5	5	-	-	-	-	-	-
9	West Street &	SB	TR	T R	1580 140	1644 140	0.56	0.58	19.3	19.8	B -	B -
•	Albany Street			L	135	135	-	-		-		
		EB	LTR	T R	90	90	0.75	0.76	57.5	57.9	E .	E .
		Intersection		K	60	62 0	-	-	25.1	25.6	C	C
		NB	_	L	5	5		-	-	-	-	-
			T T	T T	2250 1805	2296 1855	0.69 0.67	0.71 0.69	19.9 19.6	20.3 20.0	B B	C
		SB	R	R	330	330	0.85	0.86	43.4	44.0	D	D
10	West Street & Vesey Street	EB	R R	R R	105 75	105 77	0.58 0.37	0.58 0.38	58.0 48.0	58.1 48.5	E D	D E
			LT	L	0	0	-	-	-	-	-	-
		WB	R	T R	0	0	-	-	-	-	-	-
		Intersection	IX.						23.1	23.5	C	С
		NB	TR	T	2345	2328	0.88	0.88	38.8	38.4	D -	D
			L	T L	65 230	65 230	0.77	0.77	80.2	80.2	F	F
		SB	T	T	1750	1793	0.62	0.63	16.8	17.1	В	В
	West Street &		R	R L	50 105	50 105	0.27	0.27	57.3 -	57.3 -	E -	E -
11	Chambers Street	EB	LTR	T	30	30	0.57	0.58	55.2	55.5	Е	E
			LT	R L	15 65	15 67	-	-	-	-	-	-
		WB		T	60	60	0.55	0.56	55.3	56.0	E	Е
		Intersection	R	R	310	310	0.75	0.75	46.7 35.2	46.7 35.0	D D	D D
		EB	T	T	825	839	0.85	0.87	32.9	34.0	С	С
			R	R	85	104	0.24	0.29	19.8	20.7	В	C
	Canal	WB	T T	T T	965 295	1149 294	0.88 0.51	1.05 0.56	36.0 32.4	69.5 35.0	D C	D D
14	Street/Manhattan	NB	R	L	340	337	0.38	0.36	1.0	0.9	Α	Α
	Bridge & Bowery	SB	L TR	L T	325 155	331 156	0.55 0.65	0.57 0.68	13.2 11.1	16.0 12.7	B B	B B
				R	85	85	-	-	,	-		-
		Intersection NB	T	T	295	294	0.27	0.51	25.7 1.3	37.7 6.7	C A	D A
15	Manhattan Bridge	SB	T	T	565	572	0.37	0.37	18.6	18.6	В	В
13	& Bowery	WB	R	R	350	555	0.47	0.94	10.7	54.0	В	D
		Intersection	TR	Т	775	776	0.37	0.37	12.0 17.1	30.0 17.1	B B	C B
		WB		R	25	25	-	-	-	-	-	-
	6th Avenue &		LT	L T	95 1105	86 997	0.52	0.47	10.2	12.5	- В	- В
18	6th Avenue & Watts Street	NB			1100	77/	0.52	0.47	13.0			В
18		NB Intersection							13.0	14.4	В	В
18			R	R	620	629	1.03	1.05	78.6	82.6	Е	F
18	Watts Street	Intersection NEB		L	210	168	-	-	78.6 -	82.6	E -	F -
	Watts Street Canal Street & 6th	Intersection NEB NB	LTR	L T R	210 865 5	168 694 4	- 0.65 -	0.52	78.6 - 26.4 -	82.6 - 24.2 -	E - C -	F - C
18	Watts Street	Intersection NEB	LTR T	L T R	210 865 5 640	168 694 4 657	- 0.65 - 0.81	- 0.52 - 0.83	78.6 - 26.4 - 39.4	82.6 - 24.2 - 40.8	E - C - D	F
	Watts Street Canal Street & 6th Avenue/Laight	Intersection NEB NB	LTR	L T R	210 865 5	168 694 4	- 0.65 -	0.52	78.6 - 26.4 -	82.6 - 24.2 -	E - C -	F - C

Intersection #				iai ii attari Staaj				day Peak Hour				
	Intersection Name	Approach	Lane Group	Movement		ne (vph)		/C		elay		.OS
1			L	L2	Existing 5	No-Action 0	Existing -	No-Action -	Existing -	No-Action -	Existing -	No-Action
		NEB	-	L	100	0	0.34		30.3		С	-
1	Trinity Place &	NB	LT	L	20	11	-		-		-	-
	Edgar Street	EB	T	T L	180 35	99 254	0.13 0.29	0.09 0.61	13.3 43.0	10.0 30.4	B D	B C
		Intersection			33	234	0.27	0.01	22.0	24.7	C	C
		NB	TR	T	265	297	0.38	0.42	16.4	36.9	В	D
	Trinity Place &	ND		R	50	56		-	-	-	-	-
2	Rector Street	EB	LT	L	115	110	-	- 0.40		-	-	-
		Intersection		T	45	45	0.43	0.42	24.7 19.2	24.3 33.1	C B	C
			T	T	1045	1033	0.59	0.58	25.1	25.0	C	C
	HCT Entrance/Exit &	NB	R2	R2	735	781	0.39	0.41	0.7	0.8	A	Α
3a	West Street	SB	T	T	1415	1409	0.65	0.65	1.1	1.1	A	A
		WB	L	L	735	832	0.55	0.63	33.9	35.5	С	D
		Intersection NB	Т	T	1045	1033	0.49	0.49	13.6 0.7	14.2 0.7	B A	B A
	HOT Fuit 0 March	SB	TR	Ť	1415	1409	0.76	0.76	29.5	29.4	C	C
3b	HCT Exit & West Street & West			R	0	0		-	-	-	-	-
	Thams Street	EB WB	R R	R	0	0	- 0.75	- 0.72	- 27.5	39.2	-	- D
		Intersection	K	R	725	823	0.65	0.73	36.5 21.3	22.4	D C	C
			L	L	425	344	0.57	0.43	13.9	25.7	В	C
		NB	T	Т	535	433	0.52	0.47	11.3	12.1	В	В
4	Chambers Street &	SB	TR	T	235	226	0.43	0.77	30.2	48.6	С	D
	Centre Street	FD.	D	R	15	15	0.44	0.21	22.5	35.3	-	D
]	EB Intersection	R	R	410	391	0.64	0.89	32.5 20.4	50.4 32.9	C	D C
			LT	L	75	75	-	-		-		-
		NB		T	515	515	0.96	0.96	58.4	58.7	E	Е
	Canal Street 0		R	R	330	325	0.58	0.57	31.4	31.2	C	C
_	Canal Street & Hudson		R2 L	R2 L2	60 30	58 31	0.32	0.31	30.1	29.8	-	-
5a	Street/Holland	EB		L	325	328	0.64	0.65	36.3	36.5	D	D
	Tunnel On-Ramp		T	T	350	357	0.43	0.44	13.1	13.3	В	В
		WB	TR	T	305	257	0.89	0.75	27.6	19.1	С	В
		Intersection		R	50	42	0.23	0.19	12.9 36.4	11.1 35.6	B D	B D
	Canal Start a	EB	T	T	410	415	0.27	0.28	6.2	5.6	A	A
5b	Canal Street & Holland Tunnel On-	WB	T	Т	355	299	1.03	0.87	94.3	55.9	F	E
35	Ramp		R	R	605	605	0.58	0.58	15.2	15.2	В	В
		Intersection	T	T	2105	2136	0.93	0.94	33.7 36.9	21.8 38.4	C D	C D
		NB	R	R	165	163	0.41	0.40	23.5	23.4	C	C
	Canal Street S & West Street	SB	Ĺ	L	440	428	0.45	0.44	57.1	53.1	E	D
	west street		T	T	1860	1911	0.69	0.71	6.1	6.5	Α	Α
		Intersection	т	т.	2105	2127	0.50	0.52	26.2	26.3	C	C
		NB SB	T T	T T	2105 2300	2136 2339	0.52 0.48	0.53 0.49	0.4 8.5	0.4 8.6	A A	A A
7b	Canal Street N &			Ĺ	0	0	-	-	-	-	-	-
	West Street	WB	LR	R	0	0		-		-		-
		Intersection							4.6	4.7	Α	A
		NB	TR	T R	1445 80	1533 85	0.59	0.62	20.1	20.8	<u>C</u>	C -
				L	5	5	-			-		
	West Street &	SB	TR	T	2110	2174	0.74	0.76	23.4	24.1	С	С
	Albany Street			R	90	90	-		-	-		-
	,	EB	LTR	L T	105 95	105 95	0.59	0.60	36.3	36.6	- D	- D
				R	60	62	-	-		-	-	-
		Intersection							23.1	23.7	^	С
				L		10					С	
		NB	-		10		0.71		22.0	-	-	
			T	T	1850	1924	0.71	0.74	22.9	23.8	C	C
		NB SB	T T R				0.71 0.86 0.42	0.74 0.88 0.42	22.9 28.4 20.4	-	-	C C
	West Street &	SB	T R L	T T R	1850 2115 170 145	1924 2165 170 144	0.86 0.42 0.56	0.88 0.42 0.56	28.4 20.4 39.9	23.8 29.6 20.5 39.9	C C C	C C D
	West Street & Vesey Street		T R L R	T T R L	1850 2115 170 145 145	1924 2165 170 144 149	0.86 0.42	0.88 0.42	28.4 20.4	23.8 29.6 20.5	C C C	C C
		SB	T R L	T T R	1850 2115 170 145	1924 2165 170 144	0.86 0.42 0.56	0.88 0.42 0.56	28.4 20.4 39.9	23.8 29.6 20.5 39.9	C C C	C C D
		SB EB WB	T R L R	T T R L R	1850 2115 170 145 145 0	1924 2165 170 144 149 0	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45	28.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6	C C C D C C	C C D C
		SB EB	T R L R	T T R L R L T	1850 2115 170 145 145 0 0	1924 2165 170 144 149 0 0	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 -	28.4 20.4 39.9 34.2 - - 26.4	23.8 29.6 20.5 39.9 34.6	C C C C C C C C C C C C C C C C C C C	C C C C C
		SB EB WB	T R L R	T T R L R L T R T	1850 2115 170 145 145 0 0 0	1924 2165 170 144 149 0 0 0	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45	28.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6	C C C D C C	C C C C C D
		SB EB WB Intersection	T R L R LT R	T T R L R L T R R R R R R R R R R R R R	1850 2115 170 145 145 0 0 0 0	1924 2165 170 144 149 0 0 0 0	0.86 0.42 0.56 0.44 - - - 0.86	0.88 0.42 0.56 0.45 - - 0.88	28.4 20.4 39.9 34.2 - - 26.4 36.0	23.8 29.6 20.5 39.9 34.6	C C C D C C C C C C C C C C C C C C C C	C C C C D
		SB EB WB Intersection	T R L R LT	T T R L R L T R T	1850 2115 170 145 145 0 0 0	1924 2165 170 144 149 0 0 0	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 -	28.4 20.4 39.9 34.2 - - 26.4	23.8 29.6 20.5 39.9 34.6	C C C C C C C C C C C C C C C C C C C	C C C C C D
	Vesey Street	SB EB WB Intersection NB	T R L TR	T T R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85	0.86 0.42 0.56 0.44 - - - 0.86 - 0.48	0.88 0.42 0.56 0.45 - - - 0.88	28.4 20.4 39.9 34.2 - - 26.4 36.0 - 53.0	23.8 29.6 20.5 39.9 34.6 - - 27.3 36.9 - 52.9	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB	T R L T R	T T R L T R L T R R L T R R L T R R L T R L T R L T R L T R L T R L L T R L L L T R L L L T R L L L T R L L L T R L L L T R L L L T R L L L L	1850 2115 2117 170 145 145 0 0 0 0 1960 45 180 2025 85 45	1924 2165 170 144 149 0 0 0 0 1996 46 179 2063 85 45	0.86 0.42 0.56 0.44 - - 0.86 - 0.48 0.73 0.36	0.88 0.42 0.56 0.45 - - - 0.88 - 0.47 0.74 0.74 0.36	28.4 20.4 39.9 34.2 - - - 26.4 36.0 - 53.0 18.4 4.5.4	23.8 29.6 20.5 39.9 34.6	C C C D C C C D D C C C D D C C C D D C C C D D C C D D C C D D C C D D C C D D C C D D C C D	C C C D C C C C D D C C C D D C C D D C C D D C C D D C C D
11	Vesey Street	SB EB WB Intersection NB	T R L TR	T T R L T R L T T R R L T T R L T T R L T T R L T T R L T T R L T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0	0.86 0.42 0.56 0.44 - - 0.86 - 0.48 0.73 0.36 - 0.18	0.88 0.42 0.56 0.45 - - - 0.88 - 0.47 0.74 0.36 - 0.18	28.4 20.4 39.9 34.2 - - 26.4 36.0 - 53.0 18.4 45.4 - 33.5	23.8 29.6 20.5 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4	C C C C C C D D C C C D D C C C D D C C C D D C C C D D C C C D D C C C D D C C C D D C C C D	C C C C C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB EB	T R L T R	T T R L T R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L L T R R L L T R R L L T R R L L L L	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0	0.86 0.42 0.56 0.44 - - 0.86 - 0.48 0.73 0.18	0.88 0.42 0.56 0.45 - - - 0.88 - 0.47 0.74 0.74 0.36 -	28.4 20.4 39.9 34.2 - - - 26.4 36.0 - - 53.0 18.4 45.4 - -	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - - - - - - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C D D C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB	T R L R LT R TR L TR L T R L T R	T T T R L L T R L L T R L L T R L L T R L L T R L L T R L L T T R L L T T R L L T T R L L T T R L L T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10	1924 2165 170 144 149 0 0 0 1996 46 179 265 45 0 0	0.86 0.42 0.56 0.44 - - - - 0.86 - 0.48 0.73 0.36 - - -	0.88 0.42 0.56 0.45 - - - - 0.88 - 0.47 0.74 0.36 - - 0.18	28.4 20.4 39.9 34.2 - - - 26.4 36.0 - - 53.0 18.4 45.4 - - - - - - - - - - - - - - - - - - -	23.8 29.6 20.5 39.9 34.6 - - 27.3 36.9 - 52.9 18.7 45.4 - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB EB	T R L R LT R TR L TR L TR L TR L TR	T T R L T R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L L T R R L L T R R L L T R R L L L L	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0	0.86 0.42 0.56 0.44 - - 0.86 - 0.48 0.73 0.18	0.88 0.42 0.56 0.45 - - - 0.88 - 0.47 0.74 0.74 0.36 -	28.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 18.7 45.4 - - - - - - - - - - - - - - - - - - -	C C C C D D D B B C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB EB WB Intersection	T R L T R LTR	T T T R L L T R R L T T R R L T T R R L T T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R L T R R R L T R R R L T R R R L T R R R R	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0 10 70	1924 1924 170 144 149 0 0 0 1996 46 179 2063 85 45 0 10 10 12 65 284	0.86 0.42 0.56 0.44 	0.88 0.42 0.56 0.45 - - - 0.88 - 0.74 0.74 0.36 - - 0.18 - -	284 204 209 399 342	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	Vesey Street West Street &	SB EB WB Intersection NB SB EB WB Intersection EB	T R L R LT R TR L TR L T R L T R	T T T R L L T R L L T R L L T R L L T R L L T R L L T R L L T T R L L T T R L L T T R L L T T R L L T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285	1924 2165 170 144 149 0 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284	0.86 0.42 0.56 0.44 - - - - 0.86 - 0.48 0.73 0.36 - - -	0.88 0.42 0.56 0.45 	28.4 20.4 39.9 34.2 - - 26.4 36.0 - - 53.0 18.4 45.4 - - - 28.3 29.2 26.0 28.3 29.2 26.0 22.0	23.8 29.6 20.5 39.9 34.6 	C C C C D D D B B C C C C C C C C C C C	C C C D C C C C C C C C C C C C C C C C
11	Vesey Street West Street & Chambers Street	SB EB WB Intersection NB SB EB WB Intersection	T R L T R LTR LTR R	T T T R L L T R R L T T R R L T T R R L T T R R L T T R R L T T R T T R T T R T T R T T R T T T R T T T T R T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 0 10 70 65 285	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284	0.86 0.42 0.56 0.44 0.86	0.88 0.42 0.56 0.45	284 204 209 399 342	23.8 29.6 20.5 30.9 34.6 - - 27.3 36.9 - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C D D B B D C C C C C C C C C C C C
11	West Street & Chambers Street	SB EB WB Intersection NB SB EB WB Intersection EB	T R LTR LTR R T R R T T R T T T T T T T	T T T R L L T R L L T R L L T R L L T R L L T R L L T R L L T R L L T R R L L T T R R L T T R R L T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 45 0 0 10 70 65 285	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284	0.86 0.42 0.56 0.44 0.86 0.48 0.73 0.36 0.18 0.51 0.61 0.67 0.35 0.65	0.88 0.42 0.56 0.45 - - 0.88 0.47 0.74 0.18 - - 0.18 - - 0.18 - - 0.19 - 0.10 0.10 - 0.10 0.10 - 0.10	28.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 18.7 45.4 - - 33.5 - - 29.7 29.7 20.5 20.	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	West Street & Chambers Street Canal Street/Manhattan	SB EB WB Intersection NB SB EB WB Intersection EB WB	T R L T R LTR LTR R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T R R T T R R R T T R R T R R T T R R T R R T T R R T R R T R T R R T R T R R T R T R R T R T R R T R T R R T R	T T R L T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285	1924 170 170 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 	28.4 20.4 39.9 34.2 	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C A A	C C C C C C C A A
11	West Street & Chambers Street	SB EB WB Intersection NB SB EB WB Intersection EB WB	T R LTR LTR R T R R T T R T T T T T T T	T T T R L L T R L L T R L L T R L L T R L L T R L L T R L L T R L L T R R L L T T R R L T T R R L T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 45 0 0 10 70 65 285	1924 2165 170 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284	0.86 0.42 0.56 0.44 0.86 0.48 0.73 0.36 0.18 0.51 0.61 0.67 0.35 0.65	0.88 0.42 0.56 0.45 - - 0.88 0.47 0.74 0.18 - - 0.18 - - 0.18 - - 0.19 - 0.10 0.10 - 0.10 0.10 - 0.10	28.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 18.7 45.4 - - 33.5 - - 29.7 29.7 20.5 20.	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	West Street & Chambers Street Canal Street/Manhattan	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SSB	T R L T R LTR LTR R LT R R LT R R R L L L L	T T T R L L T R R L T T R R L T T R R L T T R R L T T R R L T T R T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 650 120 645 275 455 440	1924 2165 1770 1444 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 - - 0.88 - 0.47 0.74 0.36 - 0.18 - 0.52 0.60 0.65 0.35 0.71 0.46 0.44 0.49	28.4 20.4 30.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11	West Street & Chambers Street Canal Street/Manhattan	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection	T R LT T R LTR T T R LTR T T R T T R T T R T T T T	T T R L L T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 45 0 10 70 65 285 45 0 65 285 45 0 10 77 10 77 10 10 10 10 10 10 10 10 10 10 10 10 10	1924 2165 177 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269 4316 5075	0.86 0.42 0.56 0.44 0.86 0.48 0.73 0.36 - 0.18 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.48	0.88 0.42 0.56 0.45 0.45 0.88 8 - 0.47 0.74 0.74 0.36 - 0.18 - 0.65 0.35 0.60 0.65 0.35 0.71 0.46 0.44 0.69 0.76	28.4 20.4 39.9 34.2 - - 26.4 36.0 - 53.0 18.4 45.4 - - - - - - - - - - - - -	23.8 29.6 20.5 30.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14	West Street & Chambers Street Canal Street/Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB	T R L T R L T R R L T R R L T R R L T R R T T R R T T T R R L T T R R L T T T T	T T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 650 120 645 275 455 410 150 75	1924 2165 1770 144 149 0 0 0 0 1996 46 179 2063 45 0 0 0 72 65 284 631 125 697 269 431 396 150 75	0.86 0.42 0.56 0.44 0.86 0.86 0.73 0.36 0.88 0.73 0.36 0.61 0.67 0.35 0.65 0.44 0.74 0.74 0.75 0.25	0.88 0.42 0.56 0.45 	28.4 20.4 39.9 34.2 - - 26.4 36.0 - - 53.0 18.4 45.4 - - - 28.3 29.2 26.0 28.3 29.2 26.0 25.5 16.6 26.0 27.0 28.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - 52.9 18.7 45.4 - - 33.5 - 25.5 28.2 29.7 25.5 21.6 27.0 31.5 1.3 22.5 1.3 20.9	C C C C C C C C C C C C C C C C C C C	C C C C C C C C A A C C A A C C A A C C A A C C A A C C A A C C A A C
11 14	West Street & Chambers Street & Chambers Street Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection	T R LT T R LTR T T R LTR T T R T T R T T R T T T T	T T R L L T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R L T T R T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 45 0 10 70 65 285 45 0 65 285 45 0 10 77 10 77 10 10 10 10 10 10 10 10 10 10 10 10 10	1924 2165 177 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269 4316 5075	0.86 0.42 0.56 0.44 0.86 0.48 0.73 0.36 - 0.18 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.48	0.88 0.42 0.56 0.45 0.45 0.88 8 - 0.47 0.74 0.74 0.36 - 0.18 - 0.65 0.35 0.60 0.65 0.35 0.71 0.46 0.44 0.69 0.76	28.4 20.4 20.9 39.9 34.2	23.8 29.6 20.5 30.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14	West Street & Chambers Street Canal Street/Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB Intersection NB SB	T R L T R LT R LT R LT T R LT T R LT T T T	T T T R L L T R R L T T R L T T R L T T R L T T R L T T R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 0 10 70 65 285 45 0 645 275 450 180 70 65 275 450 180 70 70 70 70 70 70 70 70 70 70 70 70 70	1924 2165 1170 144 149 0 0 0 11996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269 150 75	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45	28.4 20.4 39.9 34.2 - - 26.4 36.0 - - 53.0 18.4 45.4 - - - 28.3 29.2 26.0 28.3 29.2 26.0 25.5 16.6 26.0 27.0 28.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0 27	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14	West Street & Chambers Street & Chambers Street Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB Intersection NB SB Intersection NB SB WB Intersection NB SB WB Intersection	T R L T R LT R LT R LT T R LT T R LT T T T	T T T R L L T R R L T T R L T T R R L T T R R L T T R R L T T R R T T T R T T T L L T T R R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 650 120 645 275 450 75 75 275 633 225	1924 2165 177 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 125 697 269 431 396 150 75	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 0.45	28.4 20.4 30.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C A A C C C A A C C A B B A B B B B
11 14 15	West Street & Chambers Street & Chambers Street Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB Intersection NB SB WB	T R LT R LT R LT R R R R	T T T R L L T T R L L T T R L L T T R L L T T R L L T T R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 45 45 0 0 10 70 65 285 45 45 45 45 45 10 77 70 55 285 410 75 455 410 75 475 475 475 475 475 475 475 475 475	1924 2165 1770 144 149 0 0 0 1996 46 179 2063 85 45 0 0 10 72 65 284 631 125 665 284 631 125 67 75 75	0.86 0.42 0.56 0.44 0.56 0.44 0.86 0.73 0.86 0.73 0.30 0.18 0.73 0.35 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.49 0.49 0.77 0.77 0.77 0.77 0.77 0.77 0.77 0.7	0.88 0.42 0.56 0.45 0.45 0.47 0.74 0.36 0.88 0.18 0.18 0.65 0.35 0.71 0.46 0.44 0.69 0.76 0.25 0.40 0.21	28.4 20.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - 52.9 18.7 45.4 - - 33.5 - 42.5 28.2 29.7 25.5 21.6 27.0 31.5 1.3 22.5 11.3 22.5 11.0 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14 15	West Street & Chambers Street & Chambers Street Street & Chambers Street Manhattan Bridge & Bowery	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB Intersection NB SB Intersection NB SB WB Intersection NB SB WB Intersection	T R L T R L T R T T R T T R T T R T T R T T R T T R T T R T T R T T R T T R T T T R T T T R T T T T R T T T T R T T T T R T T T T R T T T T T R T T T T T R T T T T T R T T T T T T R T	T T T R L L T R R L L T T R R L L T T R R L L T T R R L L T T R R L L T T R R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 45 275 450 275 450 275 450 275 450 275 450 275 450 275 450 410 450 460 470 470 470 470 470 470 470 470 470 47	1924 2165 1175 144 149 0 0 0 1996 46 179 2063 85 45 0 10 72 65 284 631 1697 269 431 396 150 75 269 621 272	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 0.45	284 204 399 342 	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14 15	West Street & Chambers Street & Chambers Street Breet Street/Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB NB	T R LT R LT R LT R R R R	T T T R L L T T R L L T T R L L T T R L L T T R L L T T R T T T T	1850 2115 170 145 145 0 0 0 1960 45 180 2025 45 45 0 0 10 70 65 285 45 45 45 45 45 45 45 45 45 45 45 45 45	1924 2165 1770 144 149 0 0 0 1996 46 179 2063 85 45 0 0 10 72 65 284 631 125 665 284 631 125 67 75 75	0.86 0.42 0.56 0.44 0.56 0.44 0.86 0.73 0.86 0.73 0.30 0.18 0.73 0.35 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.49 0.49 0.77 0.77 0.77 0.77 0.77 0.77 0.77 0.7	0.88 0.42 0.56 0.45 0.45 0.47 0.74 0.36 0.88 0.18 0.18 0.65 0.35 0.71 0.46 0.44 0.69 0.76 0.25 0.40 0.21	28.4 20.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - 52.9 18.7 45.4 - - 33.5 - 42.5 28.2 29.7 25.5 21.6 27.0 31.5 1.3 22.5 11.3 22.5 11.0 - - - - - - - - - - - - -	C C C C C C C C A A B B A A B B B B B A A A A	C C C C C C C C A A C C C C C A A C C C C C A A C C C C C A A C
11 14 15	West Street & Chambers Street & Chambers Street Breet Street/Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB WB Intersection WB	T R LT R LT R LT R R R R	T T T R L L T R R L L T T R R L L T T R R L L T T R R L L T T R R L L T T R R T T T T	1850 2115 170 145 145 0 0 0 0 1960 45 180 2025 85 45 0 0 10 70 65 285 45 0 645 275 45 275 45 275 45 275 45 275 45 275 475 475 475 475 475 475 475 475 475 4	1924 1924 2165 147 149 0 0 0 1996 46 179 263 85 45 0 10 72 65 284 631 129 65 284 631 129 269 431 396 150 150 150 150 150 150 150 150	0.86 0.42 0.56 0.44	0.88 0.42 0.56 0.45 0.45	28.4 20.4 30.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14 15	West Street & Chambers Street & Chambers Street Breet Street/Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB Intersection NB SB WB Intersection NB SB WB Intersection NB SB WB Intersection WB NB NB Intersection NB NB	T R LT T R LT T R T T R T T R T T R T T R T T T R T T T T R T	T T T R L L T T R L L T T R L L T T R L L T T R L L T T R L L T T R L L T T R L L T T R R L L T R R R L L T R R R L L T R R R L L T R R R L L T R R R L L T R R R R	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 650 120 645 275 455 450 150 75 275 455 470 150 150 75 275 275 635 225	1924 2165 1175 144 149 0 0 0 11996 46 179 2063 85 45 0 0 10 72 65 284 631 125 697 269 431 507 75 269 269 272 785 275 275 275 275 275 275 275 275 275 27	0.86 0.42 0.56 0.44 0.70 0.86 0.48 0.73 0.73 0.73 0.73 0.73 0.75 0.61 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.77 0.77 0.77 0.77 0.77 0.77 0.7	0.88 0.42 0.56 0.45 0.45 0.88 0.47 0.74 0.36 0.18 0.52 0.60 0.65 0.35 0.71 0.46 0.44 0.69 0.76 0.25 0.40 0.21 0.37 0.39	28.4 20.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - 52.9 18.7 45.4 - - 33.5 - - 42.5 28.2 29.7 25.5 21.6 27.0 31.5 1.3 22.5 17.0 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C A A B B B B B C C C C C C
11 14 15	West Street & Chambers Street & Chambers Street Breet Street/Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB NB Intersection NB SB WB Intersection NB SB WB Intersection NB SB WB Intersection WB Intersection	T R L T R L T R L T R R L T T R R L T T R R L T T R R L T T R R L T T T T	T T T R L L T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T T	1850 2115 1170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 45 120 45 275 45 275 450 275 475 475 475 475 475 475 475 475 475 4	1924 1170 1170 1144 10 0 0 0 11996 146 1279 1279 128 140 170 170 170 170 170 170 170 170 170 17	0.86 0.42 0.56 0.44 0.56 0.44 0.86 0.86 0.73 0.36 0.88 0.73 0.36 0.51 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.77 0.77 0.77 0.77 0.71 0.71	0.88 0.42 0.56 0.45 0.45	28.4 20.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - 52.9 18.7 45.4 - - 33.5 - - 22.5 22.5 21.6 27.0 31.5 1.3 22.5 11.7 20.9 2	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C
11 14 15 18 19	West Street & Chambers Street & Chambers Street & Chambers Street Bowery Canal Street/Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts Street Canal Street & 6th Avenue/Laight	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB NB Intersection NB	T R LT T T R LT T T R LT T T T	T T T R L L T T R L L T T R R R L L T T R R R R	1850 2115 170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 45 0 650 120 645 275 455 275 455 275 450 275 455 275 450 395 225	1924 2165 176 144 149 0 0 0 1996 46 179 2063 85 45 0 10 7 265 284 631 125 697 269 431 396 150 75 269 269 150 272 272 272 272 273 274 275 275 275 275 275 275 275 275 275 275	0.86 0.42 0.56 0.44 0.56 0.48 0.73 0.36 0.51 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.49 0.77 0.77 0.77 0.77 0.77 0.77 0.77 0.7	0.88 0.42 0.56 0.45 0.45	28.4 20.4 30.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - - - - - - - - - - - - -	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C A A B B A B B A B B B C C C C
11 14 15 18 19	West Street & Chambers Street & Chambers Street Manhattan Bridge & Bowery Manhattan Bridge & Bowery 6th Avenue & Watts Street Canal Street & 6th	SB EB WB Intersection NB SB EB WB Intersection EB WB NB SB Intersection NB SB Intersection NB SB Intersection NB SB WB Intersection NB SB WB Intersection NB SB WB Intersection WB NB NB Intersection NB NB	T R LT T R LT T R T T R T T R T T R T T R T T T R T T T T R T	T T T R L L T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T R R L L T T T T	1850 2115 1170 145 145 0 0 0 1960 45 180 2025 85 45 0 10 70 65 285 45 120 45 275 45 275 450 275 475 475 475 475 475 475 475 475 475 4	1924 1170 1170 1144 10 0 0 0 11996 146 1279 1279 128 140 170 170 170 170 170 170 170 170 170 17	0.86 0.42 0.56 0.44 0.56 0.44 0.86 0.86 0.73 0.36 0.88 0.73 0.36 0.51 0.61 0.67 0.35 0.65 0.47 0.48 0.77 0.77 0.77 0.77 0.77 0.71 0.71	0.88 0.42 0.56 0.45 0.45 0.88 0.47 0.74 0.36 0.18 0.52 0.60 0.65 0.35 0.71 0.46 0.44 0.69 0.76 0.25 0.40 0.21 0.37 0.39	28.4 20.4 20.4 39.9 34.2	23.8 29.6 20.5 39.9 34.6 - - - 27.3 36.9 - 52.9 18.7 45.4 - - 33.5 - - 22.5 22.5 21.6 27.0 31.5 1.3 22.5 11.7 20.9 2	C C C C C C C C C C C C C C C C C C C	C C C C C C C C C C C C C C C C C C C

			Lowe	r Manhattan Stu	ıdy Area - Existir	ng vs No-Action (Comparison - PN	Л Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement	Volum	e (vph)	V	/C		elay		OS
			Lane Group	L2	Existing 0	No-Action 0	Existing 0	No-Action -	Existing 0	No-Action -	Existing 0	No-Action -
		NEB		L2 L	80	0	0.29		30.0	-	C	-
1	Trinity Place &	NB	LT	L	15	1	-	- 0.01	-	-	-	-
	Edgar Street	EB	T L	T L	125 55	9	0.12 0.40	0.01 0.28	13.3 46.1	9.5 23.2	B D	A C
		Intersection		_	0		-		24.2	22.2	С	С
		NB	TR	T R	225 35	125 18	0.38	0.21	18.0	34.1	В	С
2	Trinity Place & Rector Street	EB	LT	L	80	81	-	-	-	-	-	
	Rector Street			T	40	40	0.35	0.35	23.1	23.2	С	С
		Intersection	Т	Т	0 575	566	0.33	0.32	19.6 23.5	29.1 23.4	B C	C
	HCT Entrance/Exit &	NB	R2	R2	1230	1297	0.62	0.65	1.3	1.5	A	A
3a	West Street	SB	T L	T	1295	1297	0.61	0.61	1.0	1.0	A	A
		WB Intersection	L	L	350 0	351	0.29	0.29	35.8 8.5	35.8 8.4	D A	D A
		NB	T	T	575	566	0.28	0.28	0.5	0.5	Α	Α
	HCT Exit & West	SB	TR	T R	1295 0	1297 0	0.69	0.69	31.2	31.2	С	С
3b	Street & West Thams Street	EB	R	R	0	0	-	-	-	-	-	
	mans street	WB	R	R	510	510	0.48	0.48	39.5	39.5	D	D
		Intersection	L	L	560	445	0.76	0.51	25.3 23.9	25.4 27.1	C	C
		NB	T	T	670	533	0.73	0.66	14.9	16.0	В	В
4	Chambers Street &	SB	TR	T	365	370	0.62	1.24	34.0	160.8	С	F
	Centre Street	EB	R	R R	15 510	15 510	0.81	0.17 1.18	39.9	33.1 131.1	- D	C F
		Intersection							26.0	80.0	Č	E
			LT	L T	45 585	45 585	0.88	0.88	44.6	44.6	- D	- D
		NB	R	R	180	189	0.29	0.88	26.3	26.5	С	С
	Canal Street &		R2	R2	10	10	0.05	0.05	24.0	24.0	С	С
5a	Hudson Street/Holland	EB	L	L2 L	5 215	5 225	0.39	0.41	31.1	31.3	- C	C
	Tunnel On-Ramp		T	T	460	462	0.54	0.54	15.0	15.0	В	В
		WB	TR	T R	75 15	10	0.23	0.03	5.6 4.1	3.8 4.0	A A	A A
		Intersection		IX.					29.6	31.1	C	C
	Canal Street &	EB	T	T	470	472	0.30	0.30	3.2	3.2	A	A
5b	Holland Tunnel On-	WB	T R	T R	90 1405	12 1405	0.27 1.23	0.04 1.23	27.6 131.8	24.2 131.8	C F	C F
	Ramp	Intersection							96.7	99.7	F	F
		NB	T R	T R	2790 5	2698 5	1.02 0.01	0.98	54.0 14.8	45.7 14.8	D B	D B
7a	Canal Street S & West Street	SB	L	L	555	559	0.61	0.62	114.2	114.2	F	F
	west street		T	T	1850	1884	0.64	0.65	5.3	5.4	A	A
		Intersection NB	T	T	2790	2698	0.64	0.62	43.6 1.0	39.0 0.9	D A	D A
	Canal Street N &	SB	T	T	2405	2443	0.48	0.48	9.0	9.1	Α	Α
7b	West Street	WB	LR	L R	0	0			-	-	-	-
		Intersection		K	U	0			4.7	4.8	A	A
		NB	TR	T	1310	1284	0.49	0.48	20.6	20.5	С	С
				R L	50 0	49 0			-	-	-	-
	West Street &	SB	TR	T	2265	2324	0.68	0.70	24.7	25.1	С	С
9	Albany Street			R L	80 140	80 140	-	-	-	-	-	-
		EB	LTR	T	90	90	0.71	0.71	50.3	50.7	D	D
		Intersection		R	80	82			25.4	25.7	- C	- C
		NB		L	0	0			23.4	23.1	-	-
		IND	T	T	1560	1536	0.45	0.45	15.1	15.0	В	В
		SB	T R	R	2420 140	2465 140	0.82	0.83	24.4 15.4	25.1 15.5	C B	C B
10	West Street &	EB	L	L	100	100	0.57	0.58	58.1	58.3	E	E
10	Vesey Street		R LT	R L	120 10	122 10	0.59	0.60	58.1	58.7	E	E
		WB		T	0	0	0.05	0.05	39.7	39.7	D	D
]	Intercest!	R	R	0	0	0	-	22.6	- 22.1	- C	- C
		Intersection NB	TR	T	1975	1879	0.78	0.75	22.6 36.8	23.1 35.4	D	D
		IND		T	40	38	-	-	-	-	- F	F
		SB	L T	L T	195 1910	195 1945	0.82 0.71	0.82 0.72	89.8 23.2	89.8 23.6	F C	F C
			R	R	95	95	0.47	0.47	67.4	67.4	E	E
11	West Street & Chambers Street	EB	LTR	L T	50 20	50 20	0.27	0.27	39.8	39.9	- D	- D
				R	5	5	-	-	-	-	-	-
		WB	LT	L T	125 90	127 90	0.72	0.74	57.9	58.8	- E	E
			R	R	395	396	0.72	0.74	40.7	40.9	D	D
		Intersection	-	-	1040	1051	0.00	0.00	35.9	35.5	D	D
]	EB	T R	T R	1040 75	1051 85	0.98 0.28	0.99	50.0 21.2	52.4 21.3	D C	D C
	<u>.</u> .	WB	T	T	440	542	0.42	0.52	20.7	22.2	С	С
14	Canal Street/Manhattan	NB	T R	T L	185 625	177 619	0.32 0.58	0.30 0.56	29.4 2.2	29.2 1.9	C A	C A
	Bridge & Bowery		L	L	670	677	1.04	1.02	62.8	55.1	E	E
		SB	TR	T R	105 20	105 20	0.26 0.06	0.26 0.06	4.3 2.8	4.3 2.8	A A	A A
		Intersection		л	20	ZU	0.00	0.00	35.3	34.4	D	C
	Manhair	NB	Ţ	T	185	177	0.17	0.16	1.5	1.6	Α	A
15	Manhattan Bridge & Bowery	SB WB	T R	T R	795 315	802 416	0.40 0.42	0.40 0.32	18.8 10.1	18.8 8.3	B B	B A
	,	Intersection					-		14.1	13.4	В	В
		WB	TR	T R	215 0	219 0	0.10	0.11	14.7	14.7	В -	B -
18	6th Avenue & Watts	NB	LT	L L	200	173		-	-	-	-	
	Street			T	710	605	0.40	0.34	39.2	35.7	D	D
		Intersection NEB	R	R	445	447	0.79	0.79	34.3 44.0	30.8 44.3	C D	C D
]			L	55	44	0	-	-	-	-	-
	Canal Street & 6th	NB	LTR	T R	870 5	698 4	0.53	0.43	24.3	22.9	C -	C -
19	Avenue/Laight	EB	T	T	395	396	0.53	0.53	30.2	30.2	С	С
	Street	WB	TR	T	1300	1333	0.94	0.96	35.3	38.9	D	D
]	Intersection	}	R	10	10	0	-	32.7	34.6	- C	- C
		mad soutium		1					J4.1	JT.U		

				New .	lersey Study Ar	ea - Existing vs N	lo-Action - AM F						
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)			/C	, ,	seconds)		.OS
			'		Existing	No-Action	Increment	Existing	No-Action	Existing	No-Action	Existing	No-Action
		WB	TR	T	1970	1988	18	1.03	1.03	58.5	61.3	E	E
				R	205	207	2	-	-	-	-	-	-
	14th Street /	WB2	TR	Т	195	197	2	0.83	0.84	80.2	80.9	F	F
	Holland Tunnel (E-	*****		R	5	5	0	-	-	-	-	-	-
1	W) & Marin	NB	L	L	270	273	3	0.95	0.97	69.9	76.7	E	E
	Boulevard (N-S)	5	T	Т	170	172	2	0.29	0.29	25.7	25.8	С	С
	bodiovara (iv o)	SB	TR	T	185	187	2	0.98	0.99	87.2	89.9	F	F
	l .			R	150	152	2	-	-	-	-	-	-
		Intersection								62.4	65.2	E	E
			L	L	60	61	1	0.10	0.11	16.9	16.9	В	В
		WB	TR	T	2795	2821	26	0.78	0.78	27.4	27.6	С	С
				R	40	40	0	-	-	-	-	-	-
4	14th Street (E-W) &	NB	L	L	85	86	1	0.25	0.25	26.6	26.7	С	С
4	Jersey Avenue (N-S)	IND	T	T	720	727	7	0.56	0.57	32.6	32.7	С	С
		SB	TR	T	135	136	1	0.32	0.33	37.9	37.9	D	D
		30	TIX.	R	810	818	8	1.03	1.04	83.6	86.2	F	F
		Intersection								38.4	39.0	D	D
			L	L	430	434	4	0.27	0.28	4.9	5.0	Α	А
		SE	TR	T	655	662	7	1.04	1.05	103.8	107.3	F	F
				R	365	369	4	-	-	-	-	-	-
	12th Street (E-W) &			L	375	379	4	-	-	-	-	-	-
5	Jersey Avenue (N-S)	EB	LTR	T	1045	1064	19	1.04	1.06	77.6	83.2	E	F
	Jersey Averide (IV-3)			R	660	667	7	-	-	-	-	-	-
		SB	L	L	125	126	1	0.72	0.73	109.0	109.1	F	F
			T	T	70	71	1	0.72	0.72	107.9	107.4	F	F
		Intersection								78.3	82.4	E	F
			L	L	70	71	1	0.11	0.12	17.1	17.1	В	В
	12th Street/Holland	EB	TR	T	1920	1948	28	1.03	1.04	57.6	62.3	E	Е
	Tunnel (E-W) &			R	55	56	1	-	-	-	-	-	-
8	Marin Boulevard (N	NB	T	T	370	374	4	0.57	0.58	26.7	26.9	С	С
	S)		R	R	445	449	4	1.03	1.04	78.4	81.3	E	F
	3)	SB	T	T	185	187	2	0.29	0.29	21.3	21.4	С	С
		Intersection								53.0	56.5	D	E

				New Jer	sey Study Area	- Existing vs No	-Action - Midday	Peak Hour					
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)		V	'/C	Delay (seconds)	L	OS
intersection #	intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Increment	Existing	No-Action	Existing	No-Action	Existing	No-Action
		WB	TR	T	1780	1779	-1	0.95	0.95	38.8	39.5	D	D
		VVD		R	175	177	2	-	-	-	-	-	-
	14th Street /	WB2	TR	T	235	237	2	0.94	0.95	95.8	97.1	F	F
	Holland Tunnel (E-	VV DZ		R	5	5	0	-	-	-	-	-	
1	W) & Marin	NB	L	L	300	303	3	0.91	0.92	62.1	64.1	E	E
	Boulevard (N-S)	IND	T	T	280	283	3	0.46	0.46	31.9	31.9	С	С
	boulevalu (IV-3)	SB	TR	T	150	152	2	0.81	0.82	67.9	68.2	E	E
		30		R	115	116	1		-	٠	-		-
		Intersection								47.9	48.7	D	D
			L	L	60	61	1	0.10	0.10	16.9	16.9	В	В
		WB	TR	T	2340	2344	4	0.77	0.77	27.6	27.7	С	С
				R	70	71	1	-	-	-	-	-	-
4	14th Street (E-W) &	NB	L	L	110	111	1	0.38	0.39	29.2	29.4	С	С
4	Jersey Avenue (N-S)	IND	T	T	495	500	5	0.38	0.39	28.4	28.4	С	С
		SB	TR	T	115	116	1	0.56	0.57	43.2	43.3	D	D
		30	TK.	R	530	535	5	0.79	0.80	59.8	60.5	E	E
		Intersection								31.5	31.6	С	С
			L	L,	295	298	3	0.23	0.23	5.5	5.5	Α	Α
		SE	TR	T	680	687	7	0.95	0.96	66.0	68.8	E	E
				R	200	202	2	-	-	-	-	-	-
	12th Street (E-W) &			L	310	313	3		-	٠	-		-
5	Jersey Avenue (N-S)	EB	LTR	T	895	894	-1	0.83	0.83	49.2	49.1	D	D
	Jersey Averlue (IV-3)			R	115	116	1		-	٠	-		-
		SB	L	L	85	86	1	0.57	0.57	81.2	81.4	F	F
		36	T	T	90	91	1	0.67	0.67	85.9	86.5	F	F
		Intersection								52.7	53.7	D	D
		_	L	Ĺ	155	157	2	0.21	0.21	15.4	15.5	В	В
	12th Street/Holland	EB	TR	T	1565	1571	6	0.81	0.81	24.9	25.2	С	С
	Tunnel (E-W) &			R	90	91	1	-	-	-	-	-	-
8	Marin Boulevard (N-	NB	T	T	425	429	4	0.81	0.82	41.9	42.0	D	D
	S)		R	R	175	177	2	0.38	0.38	22.3	22.3	С	С
	3)	SB	T	T	150	152	2	0.27	0.27	24.7	24.6	С	С
		Intersection								27.0	27.2	С	С

				New .	lersey Study Ar	ea - Existing vs N	lo-Action - PM P						
Intersection #	Intersection Name	Approach	Lane Group	Movement		Volume (vph)			'/C	Delay (seconds)		OS
intersection #	intersection value	прргоден		Wovement	Existing	No-Action	Increment	Existing	No-Action	Existing	No-Action	Existing	No-Action
		WB	TR	T	1360	1407	47	1.02	1.06	61.9	73.5	E	E
		***		R	95	96	1		-	-	-	-	-
	14th Street /	WB2	TR	T	280	283	3	1.01	1.02	109.1	110.9	F	F
	Holland Tunnel (E-	WDZ		R	10	10	0		-	-	-	-	-
1	W) & Marin	NB	L	L	425	429	4	1.04	1.05	83.7	86.1	F	F
	Boulevard (N-S)	IND	T	T	395	399	4	0.53	0.53	32.1	32.2	С	С
	bodicvara (iv-5)	SB	TR	T	110	111	1	0.96	0.97	84.9	85.6	F	F
		36		R	225	227	2	-	-	-	-	-	-
		Intersection								68.8	75.2	E	E
			L	L	35	35	0	0.05	0.05	16.3	16.3	В	В
		WB	TR	T	3560	3629	69	1.04	1.06	58.3	65.2	E	E
				R	30	30	0	-	-	-	-	-	-
4	14th Street (E-W) &	NB	L	L	165	167	2	0.41	0.42	30.5	30.6	С	С
4	Jersey Avenue (N-S)	IND	T	T	810	818	8	0.59	0.60	33.4	33.6	С	С
		SB	TR	T	70	71	1	0.16	0.16	34.9	34.9	С	С
		3D	I K	R	905	914	9	1.04	1.05	85.4	88.1	F	F
		Intersection								57.5	62.4	E	E
			L	L	355	359	4	0.23	0.23	4.0	4.0	Α	Α
		SE	TR	T	670	677	7	1.04	1.06	104.4	107.6	F	F
				R	175	177	2	-	-	-	-	-	-
	1045 04 (5)40 0			L	620	626	6	-	-	-	-	-	-
5	12th Street (E-W) & Jersey Avenue (N-S)	EB	LTR	T	1605	1617	12	1.04	1.05	74.6	78.0	E	Е
	Jersey Avenue (N-3)			R	185	187	2	-	-	-	-	-	-
		SB	L	L	40	40	0	0.38	0.38	92.5	91.9	F	F
		30	T	T	65	66	1	0.65	0.65	106.9	106.6	F	F
		Intersection								76.4	79.4	E	E
			L	L	245	247	2	0.34	0.34	19.3	19.4	В	В
	12th Ctroot/Haller d	EB	TR	T	2165	2183	18	0.56	0.57	20.4	20.6	С	С
	12th Street/Holland			R	110	111	1	-	-	-	-	-	-
8	Tunnel (E-W) &	NB	T	T	575	581	6	0.90	0.91	46.2	46.8	D	D
	Marin Boulevard (N-	IND	R	R	340	343	3	0.62	0.62	27.3	27.3	С	С
	S)	SB	T	T	110	111	1	0.19	0.19	20.7	20.6	С	С
		Intersection				İ				25.3	25.5	С	С

					Val	ume	١,	'/C	D	elav	1	.OS
ntersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			LT		20	20	0.09	0.09	4.1	4.1	A	A
		NB	T	T	835	826	0.61	0.60	6.1	6.8	A	A
1	E 37th Street & 3rd		Ť	Ť	725	728	0.50	0.58	16.8	18.6	В	В
	Avenue	WB	R	R	260	263	1.05	0.75	117.7	47.9	F	D
		Intersection							21.6	17.4	С	В
		CD.	L	L	415	438	0.45	0.65	19.3	33.2	В	С
		SB	Т	T	1020	1006	0.55	0.52	20.7	12.1	С	В
	E 36th Street & 2nd		TR	T	390	431	0.99	0.48	76.9	27.5	Е	С
2	Avenue	EB		R	45	47	-	-	-	-	-	-
		WB	L	L	515	515	1.05	1.67	87.6	340.7	F	F
		Intersection							46.2	93.6	D	F
			LT	L	95	94	-	-	-	-	-	-
		NB		T	1000	1005	0.54	0.54	19.4	19.4	В	В
	F 2.44b Ctma.et 0. 2md		R	R	105	104	1.04	1.02	121.2	116.9	F	F
3	E 34th Street & 3rd Avenue	EB	T	T	415	416	1.01	1.01	72.9	73.5	E	E
	Avenue	WB	T	T	400	402	1.03	1.04	82.7	84.1	F	F
		WD	R	R	50	50	0.18	0.18	21.3	21.3	С	С
		Intersection							47.5	47.5	D	D
		NB	LT	L	110	109	-	-	-	-	-	-
	E 35th Street & 3rd	ND		T	940	946	0.57	0.48	3.7	2.5	Α	Α
4	Avenue	WB	T	T	575	574	0.61	0.61	26.4	26.4	С	С
	Avenue	WB	R	R	55	55	0.16	0.16	20.7	20.7	С	С
		Intersection							11.8	11.0	В	В
			L	L	370	370	0.48	0.66	12.3	34.1	В	С
		SB	TR	T	1465	1453	0.78	0.83	21.4	24.7	С	С
	E 34th Street & 2nd			R	120	120	-	1.18	-	162.2	-	F
5	Ave	EB	TR	T	560	572	0.69	0.76	31.3	34.8	С	С
	7.1.0			R	115	116	-	0.63	-	42.3	-	D
		WB	T	T	205	195	0.56	0.51	32.1	30.5	С	С
		Intersection							23.2	35.3	С	D
		SB	TR	T	1405	1393	0.82	0.56	25.5	16.1	С	В
	<u> </u>			R	175	175	-	0.55	-	19.5	-	В
6	E 35th Street & 2nd	EB	R	R	470	473	0.64	0.64	26.7	26.8	C	С
-	Ave	WB	T	T	90	87	0.22	0.14	19.9	18.3	В	В
			L	L	80	77	0.10	0.14	17.9	18.9	В	B B
		Intersection		-	00	, ,	0.10	0.17	25.2	19.0	С	_

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Intersection #	Intersection Name	Approach	Lane Group	Movement		ume				elay		OS
			1.7		Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	LT	L	45	44	0.17	0.16	8.8	6.5	A	A
	E 37th Street & 3rd		T	T	650	635	0.50	0.49	8.1	5.9	A	A
1	Avenue	WB	1	T	575	577	0.83	0.95	30.6	49.3	С	D
	-		R	R	260	265	1.01	0.73	103.5	44.8	F	D
		Intersection							29.5	29.2	С	C
		SB	L	L	235	242	0.23	0.43	12.3	28.6	В	С
_	E 36th Street & 2nd		T	T	1045	1035	0.57	0.50	16.7	11.7	В	В
2	Avenue	EB	TR	T	1230	1278	0.83	1.34	31.1	189.4	С	F
				R	85	85	-	-	-	-	-	-
		Intersection							23.7	106.1	С	F
			LT	L	25	24	-	-	-	-	-	-
		NB		T	1070	1075	0.48	0.48	19.0	18.5	В	В
	E 34th Street & 3rd		R	R	175	173	0.79	0.78	48.2	47.2	D	D
3	Avenue	EB	T	T	450	445	0.98	0.96	64.6	62.0	E	E
	Avenue	WB	T	T	450	450	0.98	0.98	65.0	65.0	E	E
		WD	R	R	80	80	0.30	0.30	23.4	23.4	С	С
		Intersection							39.8	38.9	D	D
		NB	LT	L	85	83	-	-	-	-	-	-
	E 35th Street & 3rd	IND		T	1065	1072	1.02	0.82	66.8	14.3	E	В
4		WB	T	T	520	519	0.57	0.57	25.4	25.4	С	С
	Avenue	VVD	R	R	60	60	0.19	0.19	21.4	21.4	С	С
		Intersection							52.2	18.0	D	В
			L	L	230	229	0.35	0.37	12.2	29.5	В	С
		SB	TR	T	1335	1325	0.62	0.73	16.9	21.9	В	С
	E 2.445 Charact 0. 200 d			R	45	45	-	0.34	-	18.9	-	В
5	E 34th Street & 2nd	EB	TR	T	585	591	0.70	0.75	31.2	34.3	С	С
	Ave	FB		R	130	130	-	0.59	-	37.9	-	D
		WB	T	T	260	253	0.67	0.63	35.8	33.8	D	С
	•	Intersection							22.4	27.4	С	С
			TR	Т	1050	1040	0.98	0.58	38.1	12.1	D	В
		SB		R	80	80	-	-	-	-	-	-
,	E 35th Street & 2nd	EB	R	R	475	476	0.62	0.62	26.1	26.1	С	С
6	Ave		T	T	90	88	0.21	0.15	19.8	18.4	В	В
		WB	L	L	85	83	0.11	0.15	18.0	19.0	В	В
		Intersection	_	_	**		****		32.8	16.6	C	В

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Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	ume No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			LT	L	25	25	- EXISTING	NO-ACTION	- EXISTING	NO-ACTION	EXISTING	NO-ACTION
		NB	T	T	890	873	0.53	0.52	3.4	2.9	A	A
1	E 37th Street & 3rd		T	T	625	618	0.33	0.52	15.7	17.2	В	B
•	Avenue	WB	R	R	270	274	1.05	0.69	111.8	42.1	F	D
	•	Intersection			270	271	1.00	0.07	20.6	14.0	C	В
			L	L	325	364	0.32	0.55	13.3	30.2	В	C
		SB	T	T	1590	1567	0.61	0.67	16.4	14.4	В	В
2	E 36th Street & 2nd		TR	T	910	1044	0.57	0.79	24.4	33.4	C	C
	Avenue	EB		R	60	61	-	-	-	-	-	-
		Intersection				-			18.7	23.4	В	С
			LT	L	70	69	-	-	-	-	-	-
		NB		Т	1410	1418	0.65	0.65	21.9	21.2	С	С
			R	R	125	124	0.69	0.68	38.9	38.6	D	D
3	E 34th Street & 3rd	EB	T	T	385	386	0.81	0.81	40.2	40.3	D	D
	Avenue	MD	T	T	435	431	1.05	1.04	83.6	80.6	F	F
		WB	R	R	80	79	0.30	0.30	23.5	23.4	С	С
		Intersection							37.0	35.9	D	D
		NB	LT	L	175	173	-	-	-	-	-	-
	F 25th Ctroot 9 2rd	IND		T	1315	1324	0.95	0.81	20.7	9.0	С	Α
4	E 35th Street & 3rd	WB	T	T	435	429	0.49	0.48	24.0	23.9	С	С
	Avenue	VVD	R	R	35	35	0.13	0.13	20.4	20.4	С	С
		Intersection							21.5	12.6	С	В
			L	L	260	259	0.27	0.42	7.3	24.3	Α	С
		SB	TR	T	1680	1657	0.73	0.84	14.8	28.5	В	С
	E 34th Street & 2nd			R	55	55	-	1.28	-	231.7	-	F
5	Ave	EB	TR	T	415	428	0.57	0.58	28.5	29.4	С	С
	7.00			R	110	111	-	0.60	-	39.0	-	D
		WB	T	T	215	202	0.55	0.50	31.6	30.0	С	С
		Intersection							18.2	33.5	В	С
		SB	TR	T	1555	1533	0.82	0.61	13.7	10.8	В	В
				R	95	95	-	0.29	-	10.2		В
6	E 35th Street & 2nd	EB	R	R	435	437	0.56	0.56	24.7	24.8	С	С
	Ave	WB	T	T	5	1	0.01	-	17.0	17.0	В	В
			L	L	5	1	0.01	-	17.0	17.0	В	В
		Intersection							16.0	13.8	В	В

					Vol	ume	V	//C	De	elay	L	.OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Actio
		NB	LT	L	25	25	0.08	0.08	3.6	3.7	Α	Α
	F 27th Chant 0 2nd	IND	T	T	1075	1063	0.56	0.55	4.4	4.9	Α	Α
1	E 37th Street & 3rd	WB	T	T	370	372	0.34	0.29	14.8	14.4	В	В
	Avenue	VVD	R	R	335	339	1.00	0.98	101.9	78.4	F	E
		Intersection							17.4	21.8	В	С
		SB	L	L	410	421	0.32	0.53	13.1	29.6	В	С
	E 2/41- Charact 0 2-4	SB	T	T	1540	1530	0.60	0.67	16.3	14.3	В	В
2	E 36th Street & 2nd	EB	TR	T	560	580	0.35	0.56	21.4	28.7	С	С
	Avenue	FB		R	50	50	-	-	-	-	-	-
		Intersection							17.0	20.3	В	С
			LT	L	40	39	-	-	-	-	-	-
		NB		T	1260	1257	0.52	0.52	19.0	18.9	В	В
	5044.04 40.04		R	R	195	193	0.58	0.57	26.1	25.8	С	С
3	E 34th Street & 3rd	EB	T	T	500	500	0.52	0.52	24.5	24.5	С	С
	Avenue	WB	T	T	320	321	0.36	0.36	22.1	22.1	С	С
		VVB	R	R	100	100	0.32	0.33	23.5	23.6	С	С
		Intersection							21.3	21.3	С	С
		NB	LT	L	55	54	-	-	-	-	-	-
	E 25th Charles 0 2and	NB		T	1305	1303	0.62	0.52	5.9	4.3	Α	Α
4	E 35th Street & 3rd	WB	T	T	460	461	0.51	0.51	24.3	24.3	С	С
	Avenue	VVB	R	R	60	60	0.17	0.17	20.7	20.7	С	С
		Intersection							11.2	10.1	В	В
			L	L	350	350	0.31	0.57	7.7	26.7	Α	С
		SB	TR	T	1420	1406	0.55	0.72	8.8	14.3	Α	В
	E 2.411. Charact 0. 2 and			R	105	105	-	0.28	-	8.0	-	Α
5	E 34th Street & 2nd	EB	TR	T	620	623	0.65	0.66	29.8	29.9	С	С
	Ave	ED		R	75	75	-	-	-	-	-	-
		WB	T	T	225	210	0.31	0.28	24.9	24.5	С	С
		Intersection							15.4	20.6	В	С
		SB	TR	T	1495	1485	0.81	0.68	12.5	11.5	В	В
		ЭD		R	95	95	-	-	-	-	-	-
6	E 35th Street & 2nd	EB	R	R	295	295	0.37	0.37	21.1	21.2	С	С
6	Ave	WB	T	T	90	86	0.18	0.13	19.3	18.2	В	В
		VVD	L	L	85	81	0.10	0.13	17.8	18.6	В	В
	ľ	Intersection					•		14.3	13.5	В	В

				Lincoln Tunnel	Study Area - Ex	kisting vs No-Act	ion - AM Peak	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		/C	De	elay	L	OS
IIIter section #	intersection name	Арргоасп	Larie Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		SB	TR	T	1065	1059	0.46	0.46	15.3	15.3	В	В
	9th Ave and 33rd	36		R	60	60	-	-	-	-	-	-
1	Street	WB	L	L	50	50	0.19	0.19	25.1	25.1	С	С
	011001		T	T	100	100	0.25	0.25	24.9	24.9	С	С
		Intersection							16.5	16.5	В	В
		SB	L	L	245	245	0.81	0.81	54.1	54.1	D	D
		-	R	R	155	155	0.87	0.87	81.2	81.2	F	F
_	Dyer Ave and 34th	EB	LT	L	0	0	-	-	-	-	-	-
2	Street			T	410	411	0.62	0.62	19.2	19.2	В	В
		WB	T	T	350	350	0.52	0.52	16.8	16.8	В	В
			R	R	75	75	0.11	0.11	8.6	8.6	A	A
		Intersection	-	-	1005	1000	0.70	0.70	32.0	32.1	С	С
		NB	T	T	1825	1833	0.73	0.73	29.4	29.5	C	С
			R	R	220	222	0.55	0.56	29.3	29.4	C	С
	12th Ave and 34th	SB	L	L	170	169	0.41	0.41	53.2	53.0	D	D
3	Street		T	T	2010	2023	0.68	0.69	2.9	2.9	A	A
		WB	L	L	140	141	0.60	0.60	61.5	61.6	E	E
			R	R	200	200	0.34	0.34	34.7	34.7	C	C
		Intersection	1.7		/2	(0			20.7	20.7	С	С
		CD	LT	L	60	60	- 0.40	- 0.40	- 21.4	- 21.4	-	-
		SB		T	1065	1068	0.48	0.48	21.4	21.4	C	C
	11th Avo and 40 d		R	R	90	90	0.28	0.28	21.3	21.4	С	C
4	11th Ave and 42nd	EB	I	T	200	199	0.48	0.48	24.6	24.6	C	C
	Street		R	R	230	230	0.56	0.56	32.1	32.2	C	C
		WB	L	L	125	126	0.57	0.57	23.1	23.3	С	С
		Internation	T	T	395	396	0.40	0.40	14.3	14.3	В	В
		Intersection	TD	-	70	70	0.21	0.24	21.2	21.2	С	C
		NB	TR	T	70	70	0.31	0.31	32.2	32.2	С	С
			L	R	20 435	20 434	0.69	0.69	37.5	37.4	- D	- D
		SB	T T	L T	635	633	0.69	0.69	33.5	33.5	С	C
	12th Ave and 34th	36	R	R	210	209	0.77	0.77	36.1	36.0	D	D
5	Street		K	L	0	0	-	-	-	-	-	-
	Street	EB	LTR	T	140	140	0.27	0.27	25.2	25.2	С	С
		25	LIK	R	25	25	-	-	-	-	-	-
		WB	R	R	0	0	-	-	-	_	-	-
		Intersection			-	-			33.5	33.4	С	С
			LT	L	0	0	-	-	-	-	-	-
	4011 4 100 1	NB		Т	1240	1241	0.51	0.51	16.2	16.2	В	В
6	10th Ave and 33rd	14/5	TR	T	0	0	0.34	0.34	22.4	22.5	С	С
	Street	WB		R	160	160	-	-	-	-	-	-
		Intersection							16.9	16.9	В	В
				L	115	115	-	-	-	-	-	-
		SB	LTR	T	905	907	0.76	0.76	24.8	24.9	С	С
]	R	110	110	-	-	-	-	-	-
			L	L	110	110	0.76	0.76	47.0	47.0	D	D
7	11th Ave and 34th	EB	T	T	200	201	0.29	0.29	26.1	26.1	С	С
,	Street		R	R	80	80	0.60	0.61	45.6	46.0	D	D
			L	L	175	176	0.77	0.78	39.8	40.6	D	D
		WB	TR	T	230	231	0.83	0.83	50.7	51.3	D	D
				R	25	25	-	-	-	-	-	-
		Intersection						ļ	32.2	32.5	С	С
		NB	LT	L	170	172	-	-	-	-	-	-
	10th Ave and 41st			T	1225	1224	0.71	0.71	25.3	25.4	С	С
8	Street	WB	T	T	525	531	0.38	0.38	14.7	14.8	В	В
			R	R	485	484	0.99	0.99	72.2	71.8	E	E
		Intersection		_	00	00-:		0.77	32.4	32.3	С	С
		NB	T	T	2250	2254	0.98	0.98	72.7	73.0	E	E
			R	R	155	155	0.40	0.40	46.2	46.1	D	D
		SB	L T	L	275	274	0.50	0.50	56.0	55.9	E	E
	10th Arra and 400		T	T	2215	2220	0.88	0.88	30.4	30.5	С	С
9	12th Ave and 42nd	ED	LTD	L T	5 0	5 0	- 0.02	- 0.02	47.0	47.0	- D	- D
	Street	EB	LTR		0	0	0.03	0.03	47.0	47.0	- -	1
	1		 	R	125	126	0.37	0.37	53.1	53.2	D	- D
						170	U.57	U.57	33. I	1 33.7	l)	ı D
		WB	L P	_								r
		WB Intersection	R	R	360	360	0.50	0.50	29.1 50.1	29.1 50.2	C	C D

	,			Lincoln Tunnel S	,							00
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		/C		elay		OS
			TD	т.	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		SB	TR	T	980 65	977 64	0.43	0.42	14.9	14.9	B	B -
1	9th Ave and 33rd		L	R L	70	70	0.28	0.28	26.5	26.5	C	C
'	Street	WB	T	T	110	108	0.27	0.28	25.2	25.1	C	C
		Intersection		'	110	100	0.27	0.27	16.6	16.5	В	В
			L	L	160	159	0.44	0.44	37.2	37.2	D	D
		SB	R	R	95	95	0.54	0.54	47.3	47.3	D	D
			LT	L	5	5	-	-	-	-	-	-
2	Dyer Ave and 34th	EB		T	370	370	0.52	0.52	16.5	16.5	В	В
	Street		Т	Т	405	405	0.59	0.59	18.2	18.2	В	В
		WB	R	R	170	170	0.25	0.25	9.9	9.9	A	А
		Intersection			-				21.1	21.1	С	С
			Т	T	1385	1396	0.61	0.61	23.5	23.6	С	С
		NB	R	R	215	217	0.58	0.58	28.4	28.6	С	С
	1046 1000 000 10446	CD	L	L	180	180	0.62	0.62	63.4	63.3	E	E
3	12th Ave and 34th	SB	T	T	1665	1675	0.60	0.60	16.2	16.3	В	В
	Street	WD	L	L	130	131	0.49	0.49	42.4	42.5	D	D
		WB	R	R	220	220	0.30	0.30	26.2	26.2	С	С
		Intersection							24.1	24.2	С	С
			LT	L	50	50	-	-	-	-	-	-
		SB		T	1115	1102	0.63	0.48	36.6	21.5	D	С
			R	R	100	100	0.44	0.32	38.6	22.1	D	С
4	11th Ave and 42nd	EB	Т	T	185	185	0.66	0.50	43.1	24.9	D	С
7	Street	LD	R	R	280	277	0.78	0.59	64.1	33.0	Е	С
		WB	L	L	135	135	0.34	0.50	12.7	19.2	В	В
		WB	T	T	580	581	0.43	0.51	12.7	16.1	В	В
		Intersection							32.2	21.2	С	С
		NB	TR	T	265	263	0.88	0.87	59.5	58.7	E	E
				R	10	10	-	-	-	-	-	-
			L	L	190	189	0.28	0.28	25.6	25.6	С	С
		SB	Т	T	250	249	0.33	0.33	24.8	24.8	С	С
5	12th Ave and 34th		R	R	80	80	0.25	0.25	25.2	25.2	С	С
	Street	ED	LTD	L	0	0	- 0.20	- 0.20	-	- 2F F	-	-
		EB	LTR	T R	200 30	198 30	0.30	0.30	25.5	25.5	С	С
		WB	R		0	0	-	-	-	-	-	-
		Intersection	ĸ	R	U	U	-	-	34.9	34.6	C	- C
			LT	L	0	0	-	-	-	-	-	-
		NB	L	T	1310	1310	0.49	0.49	15.9	15.9	В	В
6	10th Ave and 33rd		TR	T	30	27	0.47	0.41	23.5	23.5	С	C
Ü	Street	WB	110	R	145	145	-	-	-	-	-	-
		Intersection			1.10	1.0			17.0	17.0	В	В
				L	75	75	-	-	-	-	-	-
		SB	LTR	T	735	736	0.67	0.67	22.3	22.3	С	С
				R	120	120	-	-	-	-	-	-
			L	L	160	160	0.96	0.96	79.8	81.2	E	F
				T	180	182	0.29	0.29	26.1	26.1	С	С
7	11th Ave and 34th	EB	T							22.5	_	С
7	11th Ave and 34th Street	EB	T R	R	55	55	0.38	0.39	33.4	33.5	С	
7			R L	L	55 140	140	0.38 0.51	0.39 0.51	23.4	23.4	С	C
7		EB WB	R	L	55 140 230	140 231						
7		WB	R L	L	55 140	140	0.51	0.51	23.4 51.0	23.4 51.3	C D -	C D
7			R L TR	L T R	55 140 230 35	140 231 35	0.51 0.84	0.51 0.84	23.4 51.0	23.4 51.3	C D	С
7		WB	R L	L T R	55 140 230 35	140 231 35 233	0.51 0.84 -	0.51 0.84 -	23.4 51.0 - 32.9	23.4 51.3 - 33.1	C D - C	C D - C
·	Street	WB	R L TR	L T R	55 140 230 35 240 1450	140 231 35 233 1450	0.51 0.84 - - 0.78	0.51 0.84 - - - 0.78	23.4 51.0 - 32.9 - 27.1	23.4 51.3 - 33.1 - 27.0	C D - C C	C D - C C
7		WB	R L TR	L T R	55 140 230 35 240 1450 710	140 231 35 233 1450 690	0.51 0.84 - - 0.78 0.42	0.51 0.84 - - 0.78 0.40	23.4 51.0 - 32.9 - 27.1 15.1	23.4 51.3 - 33.1 - 27.0 14.9	C D - C C B	C D - C C B
·	Street 10th Ave and 41st	WB Intersection NB WB	R L TR	L T R	55 140 230 35 240 1450	140 231 35 233 1450	0.51 0.84 - - 0.78	0.51 0.84 - - - 0.78	23.4 51.0 - 32.9 - 27.1 15.1 65.4	23.4 51.3 - 33.1 - 27.0 14.9 65.4	C D - C C B E E	C D - C C B B E
·	Street 10th Ave and 41st	WB Intersection NB	R L TR	L T R L T T R R	55 140 230 35 240 1450 710 540	140 231 35 233 1450 690 540	0.51 0.84 - - 0.78 0.42 0.97	0.51 0.84 - - 0.78 0.40 0.97	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3	C D	C D - C C B E C C
·	Street 10th Ave and 41st	WB Intersection NB WB	R L TR	L T R L T T R T T T T T T T T T T T T T	55 140 230 35 240 1450 710 540	140 231 35 233 1450 690 540	0.51 0.84 - - 0.78 0.42 0.97	0.51 0.84 - 0.78 0.40 0.97	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8	C D	C D C C B B E C D D
·	Street 10th Ave and 41st	WB Intersection NB WB Intersection	R L TR	L T R L T T R R T R R R R R R	55 140 230 35 240 1450 710 540	140 231 35 233 1450 690 540	0.51 0.84 - - 0.78 0.42 0.97 1.02 0.45	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8	C D - C C B B E C C D C C	C D - C C B B E C C D C C
·	Street 10th Ave and 41st	WB Intersection NB WB Intersection	R L TR LT T R T R	L T R L T T R T R R L T T R R L L T T R	55 140 230 35 240 1450 710 540 1850 125 340	140 231 35 233 1450 690 540 1860 125 337	0.51 0.84 - - 0.78 0.42 0.97 1.02 0.45 0.65	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45 0.65	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9	C D - C C B B C C D C D	C D C C B B C C D D C C D D
8	Street 10th Ave and 41st Street	WB Intersection NB WB Intersection NB	R L TR	L T R L T T R T R C T T T R T T T T T T T T T T	55 140 230 35 240 1450 710 540 1850 125 340 1775	140 231 35 233 1450 690 540 1860 125 337 1783	0.51 0.84 - - 0.78 0.42 0.97 1.02 0.45	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2 38.6	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9 39.1	C D - C C B B C C D D D D	C D - C C B E C C C C C C C C C C C C C C C C
·	Street 10th Ave and 41st Street 12th Ave and 42nd	WB Intersection NB WB Intersection NB SB	R L TR LT T R T R T T T T T T T T T T	L T R L T R R L T L L L L L L L L L L L	55 140 230 35 240 1450 710 540 1850 125 340 1775 5	140 231 35 233 1450 690 540 1860 125 337 1783 5	0.51 0.84 - 0.78 0.42 0.97 1.02 0.45 0.65	0.51 0.84 0.78 0.40 0.97 1.03 0.45 0.65 0.93	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2	23.4 51.3 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9 39.1	C D C C C B E C C D C D	C D C C B B C C D C D C C D C C C C C C
8	Street 10th Ave and 41st Street	WB Intersection NB WB Intersection NB	R L TR LT T R T R	L T R R L L T T L L T T T T T T T T T T	55 140 230 35 240 1450 710 540 1850 125 340 1775 5	140 231 35 233 1450 690 540 1860 125 337 1783 5	0.51 0.84 - - 0.78 0.42 0.97 1.02 0.45 0.65 0.65 0.93 -	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45 0.65 0.93 - 0.19	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2 38.6 - 35.5	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9 39.1 - 35.5	C D C C C B E C C D C D C D D D	C D C C B B E C C D D C C D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D D C C D D D D C C D D D D C C D D D D C C D D D D D C C D D D D D C C D D D D D C C D D D D D C C D D D D D C C D
8	Street 10th Ave and 41st Street 12th Ave and 42nd	WB Intersection NB WB Intersection NB SB EB	R L TR LT T R T R LT T LT LT LT LT LT LT R	L T R R L T T R L T T R R L T T R R L T T R R R L T T R R R L T T R R R R	55 140 230 35 240 1450 710 540 1850 125 340 1775 5 0	140 231 35 233 1450 690 540 1860 125 337 1783 5 0	0.51 0.84 - 0.78 0.42 0.97 1.02 0.45 0.65 0.93 - 0.19	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45 0.65 0.93 - 0.19	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2 38.6 - 35.5	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9 39.1 - 35.5	C D C C C B B C C D C D C D C C D C C C C	C D C C B E C D C D C D C D C D C C D C C C C C C
8	Street 10th Ave and 41st Street 12th Ave and 42nd	WB Intersection NB WB Intersection NB SB	R L TR LT T R T R T T T T T T T T T T	L T R R L L T T L L T T T T T T T T T T	55 140 230 35 240 1450 710 540 1850 125 340 1775 5	140 231 35 233 1450 690 540 1860 125 337 1783 5	0.51 0.84 - - 0.78 0.42 0.97 1.02 0.45 0.65 0.65 0.93 -	0.51 0.84 - 0.78 0.40 0.97 1.03 0.45 0.65 0.93 - 0.19	23.4 51.0 - 32.9 - 27.1 15.1 65.4 31.3 53.3 22.9 49.2 38.6 - 35.5	23.4 51.3 - 33.1 - 27.0 14.9 65.4 31.3 54.8 22.8 48.9 39.1 - 35.5	C D C C C B E C C D C D C D D D	C D C C B B E C C D D C C D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D C C D D D D C C D D D D C C D D D D C C D D D D C C D D D D D C C D D D D D C C D D D D D C C D D D D D C C D D D D D C C D

				Lincoln Tunne		kisting vs No-Act						
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		/C		elay		OS
		111.	· ·		Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		SB	TR	T	1050	1042	0.41	0.41	14.7	14.7	В	В
1	9th Ave and 33rd		L	R L	85 95	85 95	0.37	0.37	28.6	28.6	- C	- C
'	Street	WB	T	T	210	211	0.48	0.37	28.9	29.0	C	C
		Intersection		'	210	211	0.40	0.40	18.0	18.0	В	В
			L	L	165	167	0.47	0.48	37.7	37.8	D	D
		SB	R	R	105	105	0.52	0.52	45.2	45.2	D	D
		ED.	LT	L	0	0	-	-	-	-	-	-
2	Dyer Ave and 34th	EB		T	400	400	0.55	0.55	17.2	17.2	В	В
	Street	MD	T	T	555	553	0.79	0.78	25.7	25.5	С	С
		WB	R	R	90	90	0.13	0.13	8.8	8.8	Α	Α
		Intersection							24.9	24.8	С	С
		NB	T	T	2355	2322	0.75	0.74	23.0	22.7	С	С
		ND	R	R	290	286	0.51	0.50	20.1	19.9	С	В
	12th Ave and 34th	SB	L	L	295	293	1.05	1.04	118.2	116.8	F	F
3	Street		T	T	2285	2288	0.74	0.74	24.0	24.0	С	С
	21.721	WB	L	L	85	86	0.47	0.48	57.6	57.6	E	E
			R	R	220	220	0.39	0.39	44.9	44.9	D	D
		Intersection	L						30.0	29.9	С	С
		CD	LT	L	15	15	-	-	-	-	-	-
		SB	-	T	700	700	0.43	0.33	33.3	19.8	C	В
	11th Ave and 42nd		R	R	45 10F	45	0.21	0.15	32.9	19.3	С	В
4		EB	T	T	185	183	0.72	0.55	46.2	26.1	D	С
	Street		R L	R L	290 175	288 176	0.90	0.65 0.50	83.5 12.7	37.0 19.4	F B	D B
		WB	T	T	185	185	0.33	0.30	10.5	19.4	В	В
		Intersection			103	103	0.23	0.30	35.9	21.6	D	С
			TR	T	145	142	0.48	0.47	35.4	35.1	D	D
		NB		R	5	5	-	-	-	-	-	-
			L	L	355	356	0.54	0.54	31.0	31.0	С	С
		SB	T	T	535	536	0.59	0.59	28.4	28.4	С	С
5	12th Ave and 34th		R	R	105	105	0.31	0.31	26.1	26.1	С	С
Э	Street			L	120	120	-	-	-	-	-	-
		EB	LTR	T	150	150	0.49	0.49	28.5	28.5	С	С
				R	35	35	-	-	-	-	-	-
		WB	R	R	0	0	-	-	-	-	-	-
		Intersection							29.4	29.3	С	С
		NB	LT	L	0	0	-	-	-	-	-	-
,	10th Ave and 33rd		TD	T	1650 180	1641	0.61	0.61	17.5	17.5	<u>В</u> В	В
6	Street	WB	TR	T R	115	181	0.45	0.45	18.9	18.9	<u>-</u>	В
		Intersection		K	115	115	-	-	17.8	17.7	В	В
		intersection		L	35	35	_		-	-	-	-
		SB	LTR	T	245	245	0.26	0.26	16.3	16.3	В	В
		35	LIK	R	60	60	-	0.26	- 10.3	- 10.3	- -	- D
			L	L	220	218	0.97	0.96	74.4	72.4	E	E
7	11th Ave and 34th	EB	T	T	305	302	0.42	0.42	28.0	27.9	C	C
7	Street		R	R	60	59	0.40	0.39	33.4	33.3	C	C
			L	L	110	110	0.42	0.42	20.2	20.2	С	С
		WB	TR	T	245	246	0.90	0.90	58.6	59.0	E	E
				R	45	45	-	-	-	-	-	-
		Intersection							38.5	38.3	D	D
		NB	LT	L	285	292	-	-	-	-	-	-
	10th Ave and 41st	.15		Ţ	1610	1603	0.84	0.88dl	29.0	29.1	C	С
8	Street	WB	T	T	210	214	0.14	0.14	12.4	12.4	В	В
	2001		R	R	80	79	0.22	0.22	31.7	31.7	С	С
		Intersection		_	04:5	0.455	0	0.5-	27.3	27.4	С	С
		NB	T	T	2640	2609	0.88	0.87	16.7	16.4	В	В
			R	R	125	123	0.28	0.28	7.6	7.6	A	A
		SB	L T	L T	350 3510	348	1.05	1.05	124.7	123.4	F	F
	12th Ave and 42nd		 	L	2510 5	2509 5	0.91	0.91	29.2	29.2	<u> </u>	C -
9	Street	EB	LTR	T	0	0	0.04	0.04	47.0	47.0	D	- D
	Jucci	20	LIK	R	0	0	-	-	-	47.0	-	-
			L	L	95	95	0.37	0.37	53.8	53.8	D	D
										- 5.0		
		WB	R	R	135	135	0.28	0.28	35.3	35.3	D	D

			Red	Hook Study Are	ea - Existing vs N	lo-Action - AM	Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Vol	ume	V	//C	De	elay	L	OS
IIItersection#	intersection Name	Арргоасті	Larie Group	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		EB	TR	110	112	0.42	0.42	44.5	44.6	D	D
		ED	IK	0	0	-	-	-	-	-	-
		NB	LT	260	260	-	-	-	-	-	-
		IND	LI	2445	2425	0.65	0.65	7.5	7.8	Α	Α
	Hamilton Avonuo	SB	TR	1085	1118	0.39	0.40	8.2	8.3	Α	Α
1	Hamilton Avenue, 1 Clinton Street &	(at West 9th)	IK	80	82	-	-	-	-	-	-
!	West 9th Street	SB	L	240	249	0.28	0.29	4.8	4.7	Α	Α
	West 4th street	(at Clinton St)	TR	845	866	0.52	0.53	6.6	6.7	Α	Α
		(at clinton st)	TK.	115	118		-	-	-		-
		WB	L	115	115	0.14	0.14	54.2	54.5	D	D
		VVD	T	145	145	0.24	0.24	58.3	58.4	E	E
		Intersection						9.8	10.0	Α	Α
	Hamilton Avenue	NB	T	2110	2081	0.61	0.60	14.6	14.5	В	В
2		WB	R	245	243	0.42	0.42	36.6	36.5	D	D
	Street	Intersection						17.3	17.1	В	В

			Red H	look Study Area	- Existing vs No	-Action - Midda	y Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Vol	ume	V	'/C	De	elay	L	OS
Intersection#	intersection warne	Арргоаст	Lane Group	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		EB	TR	110	114	0.37	0.39	41.5	41.8	D	D
		LD	TIX.	0	0	-	-	-	-	-	-
		NB	LT	245	245	-	-	-	-		-
	Hamilton Avenue,	ND	Li	2185	2226	0.61	0.62	8.0	8.4	Α	Α
		SB	TR	1125	1167	0.42	0.43	9.3	9.5	Α	Α
1		(at West 9th)	TIX.	90	93	-	-	-	-	-	-
'	West 9th Street	SB (at Clinton St)	L	245	258	0.27	0.28	4.8	4.7	Α	Α
	West 7th street		t) TR	880	905	0.56	0.57	7.2	7.3	Α	Α
		(at clinton st)	TK.	130	134	-	-	-	-	-	-
		WB	L	130	130	0.14	0.14	55.7	55.6	E	E
		WD	T	115	115	0.16	0.16	56.2	56.1	E	E
		Intersection						10.2	10.4	В	В
	Hamilton Avenue	NB	T	1945	1967	0.53	0.54	10.8	10.9	В	В
2	NB & West 9th	WB	R	130	132	0.28	0.29	38.7	38.8	D	D
	Street							12.8	13.0	В	В

			Rec	l Hook Study Ar	ea - Existing vs N	lo-Action - PM	Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Vol	ume	V	//C	De	elay	L	OS
Intersection#	intersection warne	Арргоаст	Lane Group	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		EB	TR	120	120	0.35	0.35	40.8	40.8	D	D
		LD	TK	0	0	-	-		-	-	-
		NB	LT	200	200	-	-	1	-	-	-
	Hamilton Avenue,	ND	Li	2145	2066	0.58	0.56	9.4	9.6	Α	Α
		SB (at West 9th)	TR	1280	1312	0.45	0.46	9.6	9.7	Α	Α
1	Clinton Street &		TIX.	55	57	-	-	-	-	-	-
'	West 9th Street	SB (at Clinton St)	L	285	287	0.29	0.29	4.1	4.1	Α	Α
	West 7th 3theet		r St) TR	995	1022	0.61	0.63	7.0	7.1	Α	Α
		(at clinton st)	TK.	105	108	-	-	-	-	-	-
		WB	L	105	105	0.15	0.15	57.9	58.6	E	E
		VVD	T	95	95	0.16	0.16	58.2	58.9	E	E
		Intersection						10.6	10.7	В	В
	Hamilton Avenue	NB	T	1805	1729	0.50	0.48	12.3	11.3	В	В
2	NB & West 9th	WB	R	135	130	0.29	0.27	38.7	38.5	D	D
	Street	Intersection						14.4	13.5	В	В

			Red Ho	,	Existing vs No-A	Action - Late Niç	ght Peak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Vol	ume	V	//C	De	elay	L	OS
Intersection#	intersection warne	Арргоаст	Lane Group	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		EB	TR	55	55	0.17	0.17	37.4	37.4	D	D
		LD	TK.	0	0	-	-	-	-	-	-
		NB	LT	75	75	-	-	-	-	-	-
		ND	Li	1345	1282	0.37	0.36	7.7	8.0	Α	Α
	Hamilton Avonus	SB	TR	735	739	0.25	0.25	7.8	7.8	Α	Α
1	Hamilton Avenue, 1 Clinton Street &	(at West 9th)	TIX.	45	45	-	-	-	-	-	-
'	West 9th Street	SB (at Clinton St)	L	190	192	0.20	0.20	2.6	2.6	Α	Α
	West 7th 3theet		TR	545	547	0.29	0.29	2.5	2.5	Α	Α
		(at clinton st)	I K	25	25	-	-	-	-	-	-
		WB	L	25	25	0.03	0.03	60.1	59.8	E	E
		VVD	T	50	50	0.07	0.07	60.4	61.0	E	E
		Intersection						7.9	8.1	Α	Α
-	Hamilton Avenue	NB	T	1095	1034	0.29	0.27	8.1	8.0	Α	Α
2	NB & West 9th	WB	R	80	76	0.16	0.15	36.8	36.7	D	D
ì	Street	Intersection						10.3	10.2	В	В

				RFK Bridge	Study Area - Ex	risting vs No-Ac	tion - AM Peak	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		'/C	De	elay	L	OS
IIItersection#	intersection warne	Арргоасп	Lane Group		Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NW	L	L2 L	30 190	30 190	0.97	0.97	85.0	85.0	- F	- F
		INVV	R	R	415	415	0.97	0.97	7.3	7.3	A	A
				T	1240	1240	0.56	0.56	21.9	21.9	C	C
1	126th Street and	SB	TR	R	45	45	-	-	-	-	-	-
	2nd Avenue			L	40	40	-	-	-	-	-	-
		WB	LTR	T	30	30	0.81	0.80	58.1	57.6	E	E
				R	95	94	-	-	-	-	-	-
		Intersection			105	T ===	0.54	0.54	28.9	28.9	C	С
		SB	L	L	495 760	501 754	0.54 0.58	0.54 0.58	7.3 6.9	7.4 6.9	A A	A A
		30	TR	R	55	55	0.56	0.36	0.9	0.9	- A	- A
				Ľ	385	394	1.04	1.06	83.2	90.2	F	F
	125th Street and	SW	LR	R	130	133	-	-	-	-	-	-
2	2nd Avenue	EB	TR	T	600	627	0.83	0.86	41.7	44.2	D	D
		LD	IK	R	40	40	-	-	-	-	-	-
		WB	LT	L	25	22	-	-	-	-	-	-
				T	70	61	0.26	0.22	29.5	28.9	C	C
		Intersection		т	140	140	0.4/	0.47	32.5	34.9	С	C
		NB	TR	T R	140 80	140 80	0.46	0.46	18.5	18.5	- B	B -
			t	L	145	145	-	-	-	-		-
4.	E 134th Street & St.	SB	LT	T	105	105	0.62	0.62	20.2	20.2	С	С
11	Ann's Avenue			L	140	140	-	-	-	-	-	-
		EB	LTR	Т	120	120	0.80	0.80	33.1	33.1	С	С
				R	45	45	-	-	-	-	-	-
		Intersection				1			24.8	24.8	С	С
		ND	LTD	L	25	25	-	-	-	-	-	-
		NB	LTR	T R	105 30	105 30	0.56	0.56	46.0	46.0	D	D
				L	55	55	-	-	-	-	-	-
		SB	LTR	T	70	70	0.57	0.57	48.6	48.6	D	D
	Ct Assals Assassas			R	25	25	-	-	-	-	-	-
22	St Ann's Ave and Bruckner Blvd			L	50	50	-	-	-	-		-
	Bruckfiel Bivu	EB	LTR	T	1440	1440	0.90	0.90	25.6	25.6	С	С
				R	30	30	-	-	-	-	-	-
		WD	LTD	L	40	40	- 0.50	-	- 11 /	- 11 /	- D	- D
		WB	LTR	T R	480 65	480 65	0.50	0.50	11.6	11.6	B	B -
		Intersection		IX.	03	03		I	24.9	24.9	C	C
			Т	Т	110	96	0.29	0.26	38.0	37.3	D	D
		NB	R	R	20	17	0.03	0.02	7.3	7.3	А	А
		SB	Т	T	545	558	0.61	0.62	25.8	26.5	С	С
17	31st St & Astoria	35	R	R	170	174	0.40	0.41	23.5	23.9	С	С
	Blvd	EB	LTR	L T	10 350	10 362	- 0.40	0.51	32.3	- 22.4	- C	- C
		EB	LIK	R	350 25	362 26	0.49	0.51	32.3	32.6	<u> </u>	-
		Intersection		r.	23	20		-	28.5	28.8	C	C
				L	20	18			-	-	-	-
		NB	LT	T	105	94	0.23	0.21	24.1	21.0	С	С
		SB	TR	T	250	262	0.78	0.81	108.0	109.4	F	F
24	Hoyt N & 31st St	36	118	R	130	131		-		-	-	-
	,	1475	L	L	400	401	0.26	0.26	9.3	9.3	A	A
		WB	T	l l	2120	2135	0.66	0.66	14.0	14.1	B	В
		Intersection	R	R	35	35	0.10	0.10	8.5 26.8	8.5 27.3	A C	A C
			_	T	110	97	0.18	0.16	21.9	21.9	C	C
		NB	TR	R	10	9	-	-	-	-	-	-
		SB	LT	L	20	20	-	-	-	-		-
3	Hoyt S & 31st St	3B	LI	T	630	643	0.37	0.38	15.2	15.7	В	В
3	Hoyt 3 & 31st St		LT	L	15	15		-	-	-	-	-
		EB		T	865	893	0.77	0.79	45.6	46.5	D	D
		Indiana II	R	R	85	89	0.36	0.38	41.1	41.7	D	D
		Intersection							32.7	33.6	С	С

	1			RFK Bridge St		sting vs No-Actio Iume		ık Hour VC	D.	elay	-	OS
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			L	L2	0	0	-	-	-	-	-	-
		NW		L	120	120	0.55	0.55	41.3	41.3	D	D
			R	R T	1050 1045	1050 1042	0.70 0.47	0.70 0.47	13.0 20.8	13.0 20.7	B C	B C
1	126th Street and	SB	TR	R	50	49	-	-	-	-	-	-
	2nd Avenue			L	45	45	-	-	-	-	-	-
		WB	LTR	Т	20	20	0.68	0.68	46.0	46.0	D	D
				R	90	90	-	-		-	-	-
		Intersection			0.45	040		0.00	20.3	20.3	C	C
		SB	L	L T	315 730	318 724	0.37 0.54	0.38 0.54	6.2	6.2 6.8	A A	A A
		35	TR	R	45	45		-	-	-	- A	- A
		CVA	I.D.	L	305	314	0.98	1.02	72.7	80.0	E	F
2	125th Street and	SW	LR	R	125	129		-		-	-	-
2	2nd Avenue	EB	TR	T	545	555	0.71	0.72	36.4	36.8	D	D
				R	50	50	-	-	•	-	-	-
		WB	LT	L T	20 70	18 64	0.21	0.19	28.5	28.3	C	- C
		Intersection		1	70	04	U.Z I	0.19	28.5	30.6	C	C
			TO	T	170	170	0.51	0.51	14.0	14.1	В	В
		NB	TR	R	80	80	-	-	-	-	-	-
		SB	LT	L	110	110		-	-	-	-	-
11	E 134th Street & St.	35		T	95	95	0.53	0.53	17.9	18.0	В	В
	Ann's Avenue	ED	LTD	L	155	155	-	-	-		-	-
		EB	LTR	T R	140 85	140 85	0.94	0.94	51.5	51.5	D	D .
		Intersection		K	63	63	-	-	31.7	31.7	C	C
		intersection		L	20	20	-	-	-	-	-	-
		NB	LTR	T	140	140	0.80	0.80	55.7	55.7	E	E
	St Ann's Ave and			R	75	75	-	-		-	-	-
		SB	LTR	L	85	85	-	-	-	-		-
			LIK	T R	60 35	60 35	0.72	0.73	59.0	59.3	<u>E</u> .	E -
22				L	55	55	-	-	<u> </u>	-	<u> </u>	-
	Bruckner Blvd	EB	LTR	T	1260	1260	0.98	0.98	41.0	41.0	D	D
				R	35	35	-	-		-	-	-
				L	40	40	-	-		-	-	-
		WB	LTR	T	760	760	0.70	0.70	19.9	19.9	В	В
		latana atian		R	55	55	-	-	37.1	- 37.1	- D	- D
		Intersection	T	T	165	117	0.45	0.32	32.9	30.4	С	C
		NB	R	R	5	3	0.45	- 0.32	4.4	4.3	A	A
		CD	T	T	240	242	0.29	0.29	11.6	11.6	В	В
17	31st St & Astoria	SB	R	R	115	115	0.38	0.38	14.7	14.8	В	В
17	Blvd			L	20	20	-	-	-	-	-	-
		EB	LTR	T	360	364	0.45	0.46	22.2	22.3	С	С
		Intersection		R	40	40	-	-	20.5	19.5	- C	- B
		Intersection			130	102		-	20.5	19.5	- -	- В
		NB	LT	T	60	41	0.38	0.29	11.4	9.5	В	A
		SB	TR	Ť	205	206	0.37	0.37	23.1	23.1	C	C
24	Hoyt N & 31st St	28	IK	R	70	70		-		-	-	-
24	HOYLIN & SISLSL		L	L	215	215	0.17	0.17	11.2	11.2	В	В
		WB	T	T	1680	1684	0.67	0.67	16.7	16.7	В	В
		Interessis-	R	R	65	65	0.17	0.17	12.0	12.0	В	В
		Intersection	—	T	180	133	0.22	0.16	16.4 9.8	16.4 11.4	B A	B B
		NB	TR	R	180 5	133	0.22	0.16	9.8	11.4	A	В .
		0-		L	140	140	-	-	-	-	-	-
2		SB	LT	T	280	281	0.41	0.41	13.3	13.2	В	В
3	Hoyt S & 31st St		LT	L	10	10	1	-	-	-	-	-
		EB		T	850	861	0.55	0.55	25.9	26.0	С	С
			R	R	75	76	0.23	0.23	23.8	23.9	С	С
		Intersection							20.4	20.9	С	C

				RFK Bridge	e Study Area - E	xisting vs No-Ac	tion - PM Peak	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		//C	De	elay	L	OS
IIItersection#	intersection Name	Арргоаст	Larie Group	L2	Existing 25	No-Action 25	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NW	L	L	180	180	0.93	0.93	76.4	76.4	F F	F
			R	R	765	765	0.55	0.55	10.0	10.0	В	В
	126th Street and	SB	TR	T	1405	1472	0.56	0.58	21.8	22.2	С	С
1	2nd Avenue	30	IK.	R	35	35	-	-	-	-	-	-
	Zila / Wellac			L	45	47	-	-	-	-	-	-
		WB	LTR	T	25	25	0.56	0.57	39.5	40.0	D	D
		Intersection		R	50	51	-	-	23.9	24.1	- C	- C
		intersection	L	L	580	663	0.61	0.69	8.4	9.9	A	A
		SB		T	835	822	0.55	0.55	6.6	6.4	A	A
			TR	R	60	59	-	-	-	-	-	-
		SW	LR	L	400	369	0.96	0.88	62.5	51.0	E	D
2	125th Street and			R	150	138	-	-	-	-	-	-
	2nd Avenue	EB	TR	T	595	686	0.70	0.81	35.8	39.9	D -	D -
				R L	20 25	20 55		1	-			-
		WB	LT	T	80	176	0.23	0.63	28.7	38.3	C	D
	į į	Intersection					0.20	0.00	25.3	25.0	C	C
		NB	TR	T	110	110	0.41	0.41	10.9	10.9	В	В
		IAD	1 IX	R	100	100	-	-	-	-	-	-
	5 40 111 01 11 11	SB	LT	L	110	110	-	-	-	-	-	-
11	E 134th Street & St.			T	50	50	0.38	0.38	13.8	13.8	В	В
	Ann's Avenue	EB	LTR	L T	155 140	155 140	0.78	0.78	30.3	30.3	C	C
		LD	LIK	R	30	30	-	-		30.3	-	-
		Intersection			00	00			20.5	20.5	С	С
				L	20	20	-	-	-	-	-	-
		NB	LTR	T	95	95	0.50	0.50	43.0	43.0	D	D
				R	30	30	-	-	-	-	-	-
		SB	LTR	L T	35	35 20	- 0.20	- 0.20	- 20 /	39.6	- D	-
		30	LIK	R	20 25	25	0.29	0.29	39.6	39.0	D -	D -
22	St Ann's Ave and			L	50	50	-	-	-	-		-
	Bruckner Blvd	EB	LTR	T	1300	1300	0.85	0.85	22.5	22.5	С	С
				R	45	45	-	-	-	-	-	-
		14/5		L	25	25	-	-	-	-	-	-
		WB	LTR	T	610	610	0.46	0.46	11.4	11.4	В	В
	ŀ	Intersection		R	65	65	-	-	21.1	21.1	C	C
			Т	T	175	42	0.47	0.11	33.5	27.5	C	C
		NB	R	R	20	5	0.03	0.01	4.6	4.4	A	A
		SB	Т	T	475	478	0.58	0.58	76.7	76.7	E	E
17	31st St & Astoria	JD	R	R	220	222	0.74	0.75	93.8	94.5	F	F
	Blvd	EB	LTR	L	15	16	- 0.47	- 0.50	- 22.4	- 22.0	-	-
		FR	LIK	T R	360 45	388 48	0.47	0.50	22.4	23.0	<u>C</u>	C -
		Intersection		К	45	48	-	-	54.9	57.3	- D	E
				L	50	17	-	-	-	-	-	-
		NB	LT	T	135	47	0.36	0.12	97.0	27.8	F	С
		SB	TR	T	125	121	0.36	0.36	38.5	38.4	D	D
24	Hoyt N & 31st St	35		R	70	70		-	-	-		-
-	.,	WB	L T	L	510	513	0.33	0.34	9.7	9.7	A	A
		WB	R	T R	1515 35	1523 35	0.47 0.07	0.47 0.07	10.7 7.8	10.7 7.8	B A	B A
		Intersection	, n	٨	30	JJ	0.07	0.07	19.6	13.3	В	В
			TD	T	175	53	0.25	0.08	103.7	37.4	F	D
		NB	TR	R	15	5	-	-	-	-	-	-
		SB	LT	L	20	20	-	-	-	-	-	-
3	Hoyt S & 31st St	36	-'	T	615	614	0.39	0.39	13.6	13.2	В	В
	,	EB	LT	L T	10 990	11	- 0.57	0 / 1	- 20.0	- 22.2	- C	- C
		EB	R	R	990 80	1071 86	0.56 0.24	0.61 0.25	32.3 29.0	33.2 29.3	C	C
		Intersection	R	ĸ	00	00	0.24	0.20	33.5	26.4	C	C
									55.5	25.7	J	

				RFK Bridge St		ing vs No-Action						
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume	-	//C		elay		OS
			·	L2	Existing 5	No-Action 5	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NW	L	L	75	75	0.36	0.36	35.3	35.3		D
			R	R	535	535	0.40	0.40	8.1	8.1	A	A
	40/11-011	SB	TR	T	570	560	0.24	0.24	18.2	18.2	В	В
1	126th Street and 2nd Avenue	28	IK	R	20	20	-	-	-	-	-	-
	Ziiu Averiue			L	20	20	-	-	-	-	-	-
		WB	LTR	T	35	35	0.46	0.46	35.7	35.7	D	D
				R	60	60	-	-	-	-	-	-
		Intersection			110	100	0.40	0.40	16.7	16.6	В	В
		SB	L	L T	110 465	109 456	0.13	0.13	5.7	5.7 6.3	A A	A
		30	TR	R	20	20	0.32	0.31	6.3	0.3	A	A
	l			L	165	174	0.58	0.61	36.8	37.6	D	D
	125th Street and	SW	LR	R	145	153	-	-	-	-	-	-
2	2nd Avenue	ED.	TR	T	530	535	0.67	0.68	34.8	34.9	С	С
		EB	IK	R	50	50	-	-	-	-	-	-
	1	WB	LT	L	10	9	-	-	-	-	-	-
	<u> </u>			T	80	70	0.17	0.15	27.8	27.5	С	С
		Intersection							23.3	23.8	С	С
		NB	TR	T	100	100	0.21	0.21	17.0	17.0	В	В
				R	20	20	-	-	-	-	-	-
	E 134th Street & St.	SB	LT	L T	40 50	40 50	0.18	0.18	10.9	10.9	- В	- В
11	Ann's Avenue			L	190	190	U.10	0.10	10.9	10.9		В -
	Aiiii 3 Avenue	EB	LTR	T	90	90	0.70	0.70	25.0	25.0	C	C
				R	35	35	-	-	-	-	-	-
	İ	Intersection							20.6	20.6	С	С
				L	10	10	-	-	-	-	-	-
		NB	LTR	T	55	55	0.24	0.24	33.0	33.0	С	С
				R	15	15	-	-	-	-	-	-
		CD.	LTD	L	30	30	-	-	-	-	-	-
		SB	LTR	T	10	10	0.25	0.25	35.0	35.0	С	С
22	St Ann's Ave and			R L	45 40	45 40	-	-	-	-	-	-
22	Bruckner Blvd	EB	LTR	T	1515	1515	0.88	0.88	26.6	26.6	C	C
		25	2	R	10	10	-	-	-	-	-	-
				L	10	10	-	-	-	-	-	-
		WB	LTR	T	500	500	0.33	0.33	12.2	12.2	В	В
				R	25	25	-	-	-	-	-	-
		Intersection							23.7	23.7	С	С
		NB	T	T	140	120	0.40	0.34	31.8	30.7	С	С
			R	R	15	13	0.02	0.02	4.5	4.5	A	A
	31st St & Astoria	SB	T	T	345	345	0.47	0.47	9.3	9.2	Α	A
17	3 IST ST & ASTORIA Blvd		R	R L	165 10	165 10	0.38	0.39	10.0	10.0	A -	A -
	bivu	EB	LTR	T	285	286	0.32	0.32	20.2	20.2	C	C
				R	15	15	-	-	-		-	-
		Intersection				1			16.0	15.5	В	В
		NB	LT	L	90	80		<u> </u> -		-		-
		IND	LI	T	60	51	0.27	0.23	8.7	7.7	Α	A
	1 [SB	TR	T	220	220	0.28	0.28	21.7	21.7	С	С
24	Hoyt N & 31st St			R	40	40	-	-	- 10.5	-		-
	. ,	WD.	L	L	440	440	0.33	0.33	48.5	45.6	D	D
		WB	T	T	1105	1105	0.42	0.42	13.2 10.4	13.2 10.4	В	В
		Intersection	R	R	20	20	0.04	0.04	10.4 21.8	21.2	B C	B C
				T	145	126	0.18	0.16	7.8	8.3	A	A
		NB	TR	R	5	4	-	-	-	-	-	-
		CD	1.7	L	205	205	-	-	-	-	-	-
3	Hout C P 21-1 C	SB	LT	T	455	455	0.65	0.65	27.2	26.9	С	С
3	Hoyt S & 31st St		LT	L	5	5		-		-	-	-
		EB		T	740	744	0.44	0.44	24.3	24.3	С	С
			R	R	55	55	0.17	0.17	22.7	22.7	С	С
		Intersection							24.0	24.1	С	C

				Upper East S	tudy Area - Exi	sting vs No-Acti	on - AM Peak H	lour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		//C		elay		OS
		- ' '		L	Existing 15	No-Action 14	Existing -	No-Action	Existing -	No-Action	Existing -	No-Action
	E (011: 01: 11: 0	NB	LTR	T	310	296	-	-	-	-	-	-
1	E 60th Street & Queensboro Bridge			R	510	487	-	-	-	-	-	-
'	Exit	EB	LT	L	0	0	-	-	-	-	-	-
				T	10	10	•	-	•	-	-	-
		Intersection	Unsignalized	L	95	94	0.24	0.24	19.9	19.8	В	В
	F (0) 0	NB	T	T	1050	1000	0.57	0.55	22.5	22.1	C	C
2	E 60th Street & 3rd Ave	WB	T	T	350	384	0.65	0.72	16.1	19.1	В	В
	AVC		R	R	225	242	1.03	1.11	87.7	110.3	F	F
		Intersection	<u> </u>	T	(70	(70	0.20	0.20	29.4	33.5	C	C
		NB SB	T T	T	670 460	670 447	0.38 0.28	0.38 0.27	20.3 19.0	20.3 18.9	C B	C B
		JD	L	Ĺ	250	219	0.20	0.29	29.6	28.7	C	C
	E 60th Street &	EB	T	T	0	0	0.35	0.31	30.0	29.0	C	C
3	York Ave		R	R	50	50	0.13	0.13	25.7	25.7	С	С
	TOTAL	WD	L	L	0	0	-	-	-	-	-	-
		WB	T R	T R	0	0	-	-	-	-	-	-
		Intersection	I.	, ,	Ü	Ü			21.7	21.4	С	С
			T	T	765	1023	1.02	1.36	67.5	198.1	E	F
		EB	RR2	R	15	15	0.11	0.11	25.5	25.5	С	С
4	E 59th Street & 2nd			R2	15	15	- 0.45	- 0.00	- 11.1	- 27.1	- D	-
4	Ave	SB	L2 L2L	L2 L	980 5	1332 5	0.65	0.88	11.1	27.1	B -	C -
		Ju	T	T	840	856	0.45	0.46	7.3	7.1	A	A
		Intersection							26.6	75.9	C	E
		NWB	L2	L2	700	769	0.49	0.54	20.2	20.9	С	С
		5	L	L	525	577	0.59	0.65	22.8	24.1	С	С
	E 60th Street & 2nd	SB	LT	L2 T	10 1120	10 1420	0.58	0.73	20.1	23.6	- C	- C
5	Ave	3b	R	R	40	39	0.38	0.73	16.0	16.0	В	В
		WB	LT	L	5	4	-	-	-	-		-
			LI	T	10	10	0.03	0.03	15.5	15.4	В	В
		Intersection		-	40/0	440/	0.54	0.54	20.6	22.8	С	С
		NB	TR	T R	1260 50	1196 47	0.54	0.51	16.9	16.5	B -	В -
6	E 60th Street & 1st		ı	L	270	275	0.76	0.77	42.6	43.8	D	D
	Ave	EB	T	T	250	222	0.23	0.20	16.6	16.4	В	В
		Intersection							20.5	20.6	С	С
		SB	TR	T	960	939	0.68	0.58	22.4	20.4	С	С
7	E 60th Street &		1	R L	80 95	78 101	0.32	0.25 0.34	34.6	17.9 34.1	- C	B C
,	Lexington Ave	WB	T	T	350	377	0.32	0.45	35.1	34.1	D	C
		Intersection						5.10	26.3	25.0	C	C
		NB	LT	L	105	104	-	-	-	-	-	-
	E 60th Street &	IND	E.I	T	950	917	0.54	0.53	19.4	21.5	В	С
8a	Park Ave NB	WB	TR	T R	335 95	357 98	0.59	0.59	41.3	30.6	D	С
		Intersection		К	95	98	-	-	26.0	24.5	- C	- C
				T	1200	1198	0.70	0.68	21.9	24.0	C	C
	E 60th Street &	SB	TR	R	95	95	-	-	-	-	-	-
8b	Park Ave NB	WB	LT	L	75	80	-	-	-		-	-
				T	365	381	0.58	0.58	13.5	15.3	В	В
		Intersection	L	L	140	134	0.37	0.32	19.6 20.9	21.6 20.5	B C	C
	5 (AU A)	NB	T	T	815	782	0.66	0.32	18.1	18.3	В	В
9	E 60th Street & Madison Ave	WB	TR	Ť	335	348	0.55	0.59	24.1	21.7	C	C
	ividuison Ave		1 K	R	125	128	-	-	-	-	-	-
		Intersection	-	+	745	/01	0.44	0.71	20.4	19.7	C	В
	E 62nd Street &	NB	T R	T R	715 750	681 715	0.41	0.61 0.62	8.5 45.9	11.2 13.9	A D	B B
10	Queensboro Bridge			L	10	10	0.99	-	40.9	13.9	-	- D
	Exit	EB	LT	Ť	240	232	0.42	0.41	30.8	30.6	С	С
		Intersection							28.3	15.0	С	В
		SB	T	T	870	851	0.63	0.90	13.5	27.1	В	C
11	E 60th Street & 5th		R L	R L	280 150	274 153	0.80 0.43	0.78 0.44	30.5 27.5	29.1 27.4	C C	C
11	Ave	WB	T	T	325	329	0.43	0.44	39.7	24.2	D	C
		Intersection							23.3	26.8	C	C
		NB	TR	T	490	472	0.84	0.81	43.3	40.9	D	D
		IND		R	550	527	0.68	0.65	8.7	7.9	A	A
		SB	L	L T	355 375	353 372	0.67 0.47	0.65 0.47	42.1 13.8	39.2 13.8	D B	D B
12	E 63rd Street &	JD	TR	R	75	75	- 0.47	- 0.47	13.8	- 13.8	- B	- B
	York Ave		L	L	275	270	0.57	0.56	42.7	42.3	D	D
		WB	TR	Ť	255	251	0.59	0.58	40.2	39.9	D	D
		Ind. 22	111	R	75	74	-	-	- 07.4	- 24.5	-	-
		Intersection	D.	P	225	222			27.4	26.5	С	С
13	E 53rd Street &	SB SWB	R R	R R	235 260	233 258	-	-	-	-	-	-
10	FDR Drive	Intersection	Unsignalized	I K	200	230	1					
			J									

				Upper East S		sting vs No-Actio						
Intersection #	Intersection Name	Approach	Lane Group	Movement	Vol	ume	V	'/C	De	elay	L	OS
IIItersection#	intersection Name	Арргоаст	Larie Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
	E 61st Street & 5th	SB	T	T	880	867	0.58	0.57	22.3	22.4	С	С
14	Ave	WB	L	L	270	258	0.27	0.26	19.0	18.8	В	В
	Ave	Intersection			0	0	-	-	21.5	21.6	С	С
		SB	LT	L	90	89	-	-	-	-	-	-
	E 65th Street & 5th	3D	LI	T	785	773	0.54	0.54	5.0	4.9	Α	Α
15	Ave	EB	T	T	785	781	0.97	0.97	56.7	55.7	E	E
	Ave	ED	R	R	340	338	0.97	0.97	70.8	69.7	E	E
		Intersection							36.5	36.0	D	D
		SB	TR	T	810	798	0.70	0.70	21.2	21.0	С	С
	E 66th Street & 5th	30	I IX	R	320	318	-	-	-	-	-	-
16	Avenue	WB	LT	L	65	64	-	-	,	-	-	-
	Avenue	VVD	LI	T	420	410	0.55	0.54	28.4	28.1	С	С
		Intersection							23.3	23.1	С	С
	SB		L	75	74	-	-	-	-	-	-	
			LTR	T	665	660	0.74	0.73	29.4	29.2	С	С
				R	100	99		-	,	-		-
17	E 79th Street & 5th	et & 5th EB	T	T	400	397	0.74	0.74	40.1	39.8	D	D
17	Ave		R	R	245	243	1.04	1.03	102.1	101.2	F	F
		WB	L	L	100	98	0.88	0.87	93.4	90.7	F	F
		WD	T	T	450	441	0.50	0.49	24.3	24.1	С	С
		Intersection							42.1	41.7	D	D
				L	55	53	-	-	-	-	-	-
		NB	LTR	T	395	380	0.48	0.46	22.8	22.4	С	С
				R	0	0	-	-	-	-	-	-
				L	0	0	-	-	-	-	-	-
18	E 71st Street &	SB	LTR	T	390	384	0.43	0.43	21.8	21.7	С	С
10	York Ave			R	60	59	-	-	-	-	-	
			L	L	160	160	0.41	0.42	31.5	31.5	С	С
		WB	TR	T	125	125	0.63	0.62	38.0	37.9	D	D
			IK	R	115	114	-	-	-	-	-	-
		Intersection							26.4	26.3	С	С

				Upper East Stu	dy Area - Existi	ng vs No-Action	- Midday Peak	Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement	Vol	ume	V	/C		elay		OS
				L	Existing 15	No-Action 15	Existing	No-Action	Existing	No-Action	Existing	No-Action
	E 40th Street 0	NB	LTR	T	280	277	-	-	-	-	-	-
1	E 60th Street & Queensboro Bridge			R	635	628		-	-	-	-	-
	Exit	EB	LT	L	5	5	-	-		-		-
		Intersection	Unsignalized	T	15	15	•	-	-	-	-	-
			L	L	75	74	0.19	0.19	19.0	19.0	В	В
		NB	T	T	985	969	0.59	0.58	22.8	22.7	С	С
2	E 60th Street & 3rd		Ţ	T	265	264	0.56	0.55	4.9	4.8	А	Α
-	Ave	WB	R	R	275	275	1.05	1.05	88.6	88.7	F	F
		Intersection							29.4	29.4	С	С
		NB	T	T	525	525	0.31	0.31	19.3	19.3	В	В
		SB	T	T	690	681	0.39	0.39	20.5	20.4	С	С
		ED.	L	L	420	412	0.56	0.55	35.9	35.6	D	D
3	E 60th Street &	EB	T R	T R	0 35	0 35	0.58 0.10	0.57 0.10	37.0 25.3	36.5 25.3	D C	D C
J	York Ave		L	L	0	0	-	-	-	-	-	-
		WB	T	T	0	0		-		-		-
			R	R	0	0		-	-	-	-	-
		Intersection	T	T	670	875	0.78	1.02	24.2 33.2	24.0 65.5	C C	C E
		EB		R	90	112	0.78	0.47	25.9	27.2	C	C
	E 59th Street &		RR2	R2	70	70		-		-		-
4	2nd Ave		L2	L2	800	1044	0.56	0.73	17.8	46.4	В	D
		SB	L2L T	L	5 1585	6 1579	- 0.72	0.73	- 21 /	- 40.7	- C	- D
		Intersection	T	T	1585	15/9	0.73	U./3	31.4 28.0	40.7 47.7	C	D D
			L2	L2	965	963	0.79	0.79	28.9	28.8	C	C
		NWB	L	L	515	514	0.64	0.64	25.5	25.4	Č	C
		0.5	LT	L2	20	20		-	-	-		-
5	E 60th Street & 2nd Ave	SB	R	T R	1415 20	1656 20	0.75	0.87 0.06	26.6 14.9	40.8 14.9	C B	D B
	Znu Ave			L	10	10	-	- 0.06	- 14.9	14.9	- -	- B
		WB	LT	T	5	5	0.01	0.01	15.2	15.2	В	В
		Intersection							27.0	34.2	С	С
		NB	TR	T	955	940	0.46	0.44	16.0	15.7	В	В
6	E 60th Street & 1st		L	R L	85 280	84 280	0.24 0.81	0.81	15.2 45.4	45.6	B D	- D
0	Ave	EB	T	T	370	363	0.34	0.34	17.9	17.8	В	В
		Intersection							21.4	21.3	С	С
		SB	TR	T	950	938	0.66	0.88	22.0	33.6	С	С
7	E 60th Street &			R	70 65	69 66	•	0.26 0.25	-	19.4 18.7	-	B B
,	Lexington Ave	WB	L T	L T	275	272	0.39	0.29	18.0	17.9	- B	В
		Intersection			210	212	0.57	0.27	21.0	29.0	C	C
		NB	LT	L	65	64		-				-
	E 60th Street &	IND	Li	T	910	900	0.51	0.51	18.8	21.6	В	С
8a	Park Ave NB	WB	TR	T R	270 75	266 75	0.42	0.42	16.6	28.3	B	C
		Intersection		Х	73	75		-	18.2	23.4	- В	C
			TD	T	920	915	0.56	0.55	19.3	22.1	В	C
	E 60th Street &	SB	TR	R	100	99	-	-	-	-		-
8b	Park Ave NB	WB	LT	L	115	116	- 0.42	- 0.42	- 14.1	12.0	- D	- D
		Intersection		T	220	214	0.43	0.43	14.1 17.9	13.8 20.0	B B	B B
			L	L	110	109	0.30	0.27	19.7	19.7	В	В
	E 60th Street &	NB	Т	T	660	652	0.56	0.51	15.9	14.5	В	В
9	Madison Ave	WB	TR	T	250	243	0.37	0.40	20.3	19.6	С	В
		Intersection		R	70	70	•	-	- 17.5	16.5	- B	- В
			T	T	775	810	0.42	0.67	8.6	12.3	A	В
	E 62nd Street &	NB	R	R	745	779	0.96	0.69	40.1	16.0	D	В
10	Queensboro Bridge	EB	LT	L	0	0		-		-		-
	Exit			T	210	206	0.23	0.33	27.9	29.4	C	С
		Intersection	T	T	640	632	0.49	0.71	24.8 15.3	15.4 21.5	В	B C
	5 (OIL OIL	SB	R	R	290	286	1.02	1.01	79.3	76.2	E	E
11	E 60th Street & 5th Ave	WB	L	L	150	151	-	0.42		27.0		С
	AVC		T	T	210	201	0.49	0.25	12.8	22.1	В	С
		Intersection		-	405	404	0.70	0.70	28.3	33.9	С	С
		NB	TR	T R	425 435	424 432	0.73 0.77	0.73 0.67	36.9 20.3	36.8 16.1	D C	D B
			L	L	430	432	0.77	0.67	35.5	16.4	D	В
	E 63rd Street &	SB	TR	T	465	463	0.30	0.40	6.6	8.0	A	A
12	York Ave			R	70	70			-			-
		WB	L	L T	320 260	317 258	0.93	0.92 0.94	86.4 74.5	85.0 73.6	F E	F E
		VVD	TR	R	65	258 65	0.94	- 0.94	74.5	/3.6	<u>t</u> .	E
		Intersection				- 55			38.8	34.2	D	C
	E 53rd Street &	SB	R	R	150	149		-	-	-	-	-
13	FDR Drive	SWB	R	R	355	353	-	-		-		-
		Intersection	Unsignalized									

				Upper East Stu	ıdy Area - Existi	ng vs No-Action	- Midday Peak	Hour				
Interception #	Interception Name	Anneach	Lama Craum	Marramant	Vol	ume	V	/C	De	elay	L	SC
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
	E 61st Street & 5th	SB	Ţ	T	640	628	0.42	0.41	19.9	19.8	В	В
14	Ave	WB	L	L	290	290	0.28	0.28	19.1	19.1	В	В
	Ave	Intersection							19.6	19.6	В	В
		SB	LT	L	85	85		-	-	-		-
	E 65th Street & 5th	JD	Li	T	535	533	0.39	0.39	7.5	7.6	Α	Α
15	Ave	EB	T	T	640	638	0.75	0.75	34.3	34.2	С	С
	Ave	LD	R	R	300	299	0.88	0.88	54.6	54.5	D	D
		Intersection							27.5	27.5	С	С
		SB	TR	T	540	538	0.65	0.65	20.2	20.2	С	С
	E 66th Street & 5th	3D	I K	R	410	410	-	-	-	-	-	-
16	Avenue	WB	LT	L	80	80	-	-	-	-	-	-
	Avenue	WD	LI	T	475	474	0.66	0.66	30.8	30.8	С	С
		Intersection							24.1	24.1	С	С
				L	65	65	-	-	-	-	-	-
		SB	LTR	T	445	445	0.66	0.66	27.7	27.7	С	С
				R	150	150	-	-	-	-	-	-
17	E 79th Street & 5th	EB	T	T	460	458	0.72	0.72	38.8	38.7	D	D
17	Ave	LD	R	R	190	189	0.92	0.92	79.8	78.1	E	E
		WB	L	L	70	70	0.82	0.82	92.6	92.6	F	F
		WD	T	T	545	543	0.56	0.56	25.2	25.1	С	С
		Intersection							37.1	36.9	D	D
				L	65	64	-	-	-	-	-	-
		NB	LTR	T	395	390	0.50	0.49	23.1	23.0	С	С
				R	0	0	-	-	-	-	-	-
				L	0	0	-	-	-	-	-	-
18	E 71st Street &	SB	LTR	T	350	348	0.40	0.40	21.2	21.2	С	С
18	York Ave			R	55	55	-	-	-	-	-	-
			L	L	205	205	0.66	0.66	41.1	41.1	D	D
		WB	TD	T	160	160	0.78	0.78	46.8	46.3	D	D
			TR	R	140	139	-	-	-	-	-	-
		Intersection			Ì				30.7	30.6	С	С

	,		1	Upper East S		sting vs No-Acti			_			
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume No-Action		/C No Action		No Action		OS No Action
			1	L	Existing 5	No-Action 5	Existing -	No-Action -	Existing -	No-Action	Existing -	No-Action
	E (Oth Chart)	NB	LTR	T	125	130		-		-	-	-
1	E 60th Street & Queensboro Bridge			R	315	328	-	-	-	-	-	-
	Exit	EB	LT	L	0	0	-	-	-	-		-
			Unaismalizad	T	10	10	•	-	-	-		-
		Intersection	Unsignalized L	L	90	92	0.24	0.25	19.8	19.9	В	В
		NB	T	T	875	892	0.49	0.50	21.3	21.4	C	C
2	E 60th Street & 3rd Ave	WB	T	T	350	331	0.56	0.53	7.4	7.0	A	Α
	Ave	WB	R	R	165	162	0.77	0.75	41.6	40.6	D	D
		Intersection							20.4	20.4	С	С
		NB SB	T	T T	445 1050	445 1016	0.24	0.24 0.53	18.6 23.1	18.6 22.8	B C	B C
		28	L	L	170	170	0.55	0.53	27.7	28.1	C	C
		EB	T	T	0	15	0.25	0.27	27.9	28.3	C	C
3	E 60th Street & York Ave		R	R	45	45	0.11	0.11	25.3	25.3	C	С
	TOLK AVE		L	L	0	0		-		-		
		WB	T	T	0	0	-	-	-	-	-	-
		Interception	R	R	0	0	-	-	22.5	22.4	- C	C
		Intersection	T	Т	780	1063	0.88	1.20	39.0	127.9	D	F
		EB		R	40	47	0.39	0.41	25.6	25.9	C	С
	E 59th Street &		RR2	R2	105	104	-	-	-	-	-	-
4	E 59th Street & 2nd Ave		L2	L2	1155	1561	0.83	1.12	24.5	78.7	С	E
	2.107100	SB	L2L	L	0	0	- 0.50	- 0.40	- 11.7	- 0.0	- D	-
		Intersection	T	T	1050	1028	0.50	0.49	11.7 24.1	8.9	B C	A F
		Intersection	L2	L2	700	670	0.43	0.41	19.2	72.4 19.0	В	B
		NWB	L	L	475	454	0.43	0.41	19.5	19.3	В	В
			LT	L2	10	10		-	-	-	-	-
5	E 60th Street &	SB		T	1500	1914	0.57	0.86	19.7	33.3	В	С
Ü	2nd Ave		R	R	40	39	0.12	0.12	15.8	15.8	В	В
		WB	LT	L T	5 0	5 0	-	-	15.2	- 15.2	- B	- В
		Intersection		'	U	0	-	-	19.5	27.8	В	С
			TD	Т	1080	1091	0.45	0.46	15.8	15.8	В	В
	E 60th Street & 1st	NB	TR	R	40	40	-	-		-	-	-
6	Ave	EB	L	L	150	148	0.51	0.51	30.7	30.7	С	С
	7100		T	T	175	190	0.16	0.18	16.0	16.1	В	В
		Intersection		т.	745	724	0.57	0.49	17.5 20.2	17.5 18.9	B C	B B
		SB	TR	T R	745 60	724 58	0.57	0.49	- 20.2	16.9	-	B
7	E 60th Street &	14/5	L	L	100	98	0.33	0.32	19.3	19.4	В	В
	Lexington Ave	WB	T	T	340	325	0.36	0.35	18.1	18.1	В	В
		Intersection							19.6	18.7	В	В
		NB	LT	L	75	77	-	-	-	-	-	-
8a	E 60th Street &			T T	990	1014	0.52	0.53	18.8	21.3	B B	C
88	Park Ave NB	WB	TR	R	315 85	298 85	0.44	0.40	14.9	26.4	- B	C -
		Intersection		K	03	03		_	17.7	22.7	В	С
		SB	TD	Т	860	851	0.52	0.50	18.6	20.5	В	C
	E 60th Street &	ЭB	TR	R	100	99	-	-	-	-	-	-
8b	Park Ave NB	WB	LT	L	110	109	- 0.47	- 0.44	- 12.0	- 10.4		
				T	280	266	0.47	0.44	12.9	12.4	В	В
		Intersection	L	L	105	106	0.29	0.26	16.9 19.4	18.1 19.5	B B	B B
	5 (OIL OIL)	NB	T	T	890	901	0.29	0.26	22.2	23.0	С	С
9	E 60th Street & Madison Ave	WB	TR	Т	285	271	0.42	0.41	21.3	14.1	С	В
	ividuison Ave		i N	R	95	94	-	-	-	-		-
		Intersection	-	-	2/5	207	0.00	0.50	21.8	20.4	C	C
	E 62nd Street &	NB	T R	T R	365 770	387 816	0.22	0.52 0.55	7.0 36.3	9.9 12.1	A D	A B
10	Queensboro Bridge			L L	0	0	0.94	0.55	36.3	- 12.1	- D	- В
	Exit	EB	LT	T	105	105	0.17	0.17	27.6	27.6	C	C
		Intersection							26.2	12.1	С	В
		SB	T	T	585	566	0.48	0.68	9.8	15.2	Α	В
4.4	E 60th Street & 5th	35	R	R	275	266	0.88	0.85	41.1	37.6	D	D
11	Ave	WB	L T	L T	150 240	150 227	0.46	0.46 0.24	13.5 13.1	27.7 21.9	B B	C
		Intersection			240	221	0.49	0.24	17.5	21.9	В	C
			TD	T	395	389	0.96	0.94	71.1	68.3	E	E
		NB	TR	R	245	239	0.33	0.32	9.2	9.1	А	A
			L	L	420	416	1.01	1.00	99.2	97.1	F	F
40	E 63rd Street &	SB	TR	T	675	671	0.87	0.86	44.7	44.0	D	D
12	York Ave			R L	75 410	75 398	0.53	0.51	39.8	39.3	- D	- D
		WB	L	T	175	398 171	0.53	0.51	39.8	39.3	D D	D D
			TR	R	175	15	-	-	-	-	-	-
		Intersection							50.4	49.4	D	D
	E 53rd Street &	SB	R	R	210	207	-	-	-	-		-
		SWB	R	R	325	321	-	-	-	-	-	-
13	FDR Drive	Intersection	Unsignalized									

				Upper East S	Study Area - Exi	sting vs No-Acti	on- PM Peak H	our				
Intersection #	Intersection Name	Annroach	Lana Craun	Movement	Vol	ume	V	'/C	De	elay	L	OS
Intersection #	Intersection Name	Approach	Lane Group	iviovement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
	E 61st Street & 5th	SB	T	T	690	661	0.49	0.47	20.9	20.6	С	С
14	Ave	WB	L	L	170	171	0.18	0.18	18.0	18.0	В	В
	Ave	Intersection							20.3	20.1	С	С
		SB	LT	L	65	65	-	-	-	-	-	-
	E 65th Street & 5th	30	LI	T	660	656	0.42	0.42	7.3	7.3	Α	Α
15		EB	T	T	735	737	0.88	0.88	42.7	42.9	D	D
	Ave	ED	R	R	360	361	0.97	0.97	70.6	71.2	E	E
		Intersection							34.2	34.4	С	С
		SB	TR	T	635	631	0.85dr	0.71	21.7	21.6	С	С
	E 66th Street & 5th	28	IK	R	380	378	-	-	-	-	-	-
16		WB	LT	L	90	90	-	-	-	-	-	-
	Avenue	WB	LI	T	515	517	0.65	0.65	30.6	30.6	С	С
		Intersection							24.8	24.8	С	С
				L	70	69	-	-	-	-	-	-
		SB	LTR	T	565	561	0.73	0.72	29.3	29.2	С	С
				R	180	178	-	-	-	-	-	-
17	E 79th Street & 5th	EB	T	T	415	416	0.72	0.73	39.0	39.1	D	D
17	Ave	ED	R	R	215	216	0.98	0.99	88.8	90.9	F	F
		WB	L	L	50	50	0.53	0.53	58.7	58.7	E	E
		WD	T	T	555	554	0.60	0.60	26.1	26.1	С	С
		Intersection							37.8	38.1	D	D
				L	35	35	-	-	-	-	-	-
		NB	LTR	T	430	421	0.48	0.47	22.6	22.4	С	С
				R	0	0		-	-	-	-	-
				L	0	0		-		-		-
18	E 71st Street &	SB	LTR	T	565	556	0.66	0.65	27.0	26.8	С	С
۱۵	York Ave			R	85	84	-	-	-	-	-	-
			L	L	115	115	0.31	0.31	29.0	29.0	С	С
		WB		T	125	125	0.52	0.52	33.8	33.7	C	C
			TR	R	95	94	-	-	-	-	-	-
		Intersection							26.8	26.6	С	С

	1		1	Upper East Stud	,	g vs No-Action -	•					00
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume No Action		/C No Action		elay No Action		OS No Action
				L	Existing 10	No-Action 10	Existing -	No-Action -	Existing -	No-Action -	Existing -	No-Action -
	E 60th Street &	NB	LTR	T	90	89	-	-	-	-		-
1	Queensboro Bridge			R	310	308	-	-	-	-		-
	Exit	EB	LT	L T	0 30	0 30	-	-	-	-	-	-
		Intersection	Unsignalized	!	30	30	-	-	-	-	-	-
			L	L	80	79	0.16	0.16	18.2	18.2	В	В
	E 60th Street & 3rd	NB	T	T	1070	1059	0.52	0.52	21.6	21.5	С	С
2	Ave	WB	T	T	375	378	0.65	0.66	13.3	13.3	В	В
		Intersection	R	R	160	160 0	0.74	0.74	43.4 21.7	43.2 21.6	D C	D C
		NB	T	T	475	475	0.27	0.27	18.8	18.8	В	В
		SB	T	T	640	635	0.32	0.32	19.5	19.5	В	В
			L	L	250	247	0.34	0.34	29.7	29.6	С	С
3	E 60th Street &	EB	T R	T R	0 45	0 45	0.36	0.35 0.11	30.1 25.2	30.0 25.2	C	C
3	York Ave		L	L	0	0	-	-	- 25.2	- 25.2	-	-
		WB	T	T	0	0		-		-		-
			R	R	0	0	-	-	-	-		-
		Intersection	_	-	705	040	0.70	0.00	21.5	21.4	C	С
		EB	T	T R	705 155	819 166	0.78	0.90 0.86	32.4 46.3	41.2 50.2	C D	D D
	F 5011 01	LU	RR2	R2	120	120	- 0.83	- 0.80	40.3	50.2	- D	-
4	E 59th Street & 2nd Ave		L2	L2	995	1151	0.69	0.80	12.0	17.3	В	В
	ZIIU AVE	SB	L2L	L	10	11	-	-	-		-	-
		Interception	T	T	1215	1209	0.58	0.58	8.6	7.7	A	A
		Intersection	L2	L2	470	474	0.29	0.29	18.5 17.6	22.7 17.6	B B	C B
		NWB	L	L	440	444	0.40	0.40	19.2	19.2	В	В
			LT	L2	30	30		-	-	-		
5	E 60th Street &	SB		T	1745	1892	0.64	0.82	20.7	25.9	С	С
	2nd Ave		R	R L	90 5	89 5	0.24	0.24	17.2	17.2	B -	B -
		WB	LT	T	5	5	0.01	0.01	15.2	15.2	В	В
		Intersection				Ü	0.01	0.01	19.8	23.1	В	C
		NB	TR	T	1305	1290	0.52	0.52	16.6	16.5	В	В
,	E 60th Street & 1st			R	100	99	-	-		- 07.0	-	-
6	Ave	EB	L T	L T	145 195	145 193	0.41	0.41 0.18	27.3 16.1	27.3 16.1	C B	C B
		Intersection	'		170	173	0.10	0.18	17.5	17.5	В	В
		SB	TR	T	1120	1113	0.69	0.94	22.5	40.4	C	D
	E 60th Street &	30		R	70	70		0.17		16.7		В
7	Lexington Ave	WB	L	L	160	160	0.35	0.37	19.4	21.4	В	C
		Intersection	T	T	295	297	0.33	0.35	18.0 21.3	19.8 33.3	B C	B C
			1.7	L	55	55		-	-	-	-	-
	E 60th Street &	NB	LT	T	555	552	0.32	0.32	16.2	18.7	В	В
8a	Park Ave NB	WB	TR	T	330	332	0.46	0.46	12.6	28.9	В	С
		Intersection		R	35	35	-	-	14.8	22.8	- B	- C
				T	885	877	0.55	0.54	19.1	21.8	В	C
	E 60th Stroot 8	SB	TR	R	105	104		-		-		
8b	E 60th Street & Park Ave NB	WB	LT	L	110	110	-	-		-		-
			-	T	275	277	0.47	0.48	7.5	10.0	A	В
		Intersection	L	L	85	82	0.18	0.16	15.6 17.3	18.3 17.5	B B	B B
	F (Oth Chr t o	NB	T	T	920	911	0.73	0.66	19.9	17.7	В	В
9	E 60th Street & Madison Ave	WB	TR	T	265	266	0.43	0.48	18.1	16.1	В	В
				R	115	115	-	-	- 10.0	- 17.0		
		Intersection	T	T	995	982	0.55	0.70	19.3 10.1	17.2 13.0	B B	B B
	E 62nd Street &	NB	R	R	755	746	0.90	0.70	29.9	16.7	С	В
10	Queensboro Bridge	EB	LT	L	10	10	-	-		-		-
	Exit			T	145	142	0.25	0.25	28.6	28.5	С	С
		Intersection	-	т	000	07/	0.72	0.01	19.3	15.4	В	В
		SB	T R	T R	880 285	876 284	0.63	0.91 0.71	11.8 20.3	26.0 20.1	B C	C
11	E 60th Street & 5th	WID	L	L	170	169	0.71	0.71	11.3	24.9	В	C
	Ave	WB	T	Т	180	179	0.44	0.21	12.3	21.7	В	С
		Intersection			4	46-		0	13.4	24.3	В	С
		NB	TR	T R	195 390	189 377	0.47	0.46 0.47	35.5 8.1	35.1 7.9	D A	D A
			L	L	370	377	0.48	0.47	26.1	25.7	C	C
	E 62rd Ctroot 0	SB	TR	T	385	385	0.46	0.46	19.4	19.3	В	В
12	E 63rd Street & York Ave			R	50	50		-	-	-		
		/A/D	L	L	330	330	0.54	0.54	40.2	40.2	D	D
		WB	TR	T R	295 25	295 25	0.54	0.54	37.2	37.2	D	D -
		Intersection		^	-23	2.0	-	-	25.3	25.3	C	C
	F 53rd Stroot 9	SB	R	R	160	158		-	-	-		-
13	E 53rd Street & FDR Drive	SWB	R	R	365	365	-	-	-	-		-
13		Intersection	Unsignalized									

			l	Jpper East Stud	ly Area - Existin	g vs No-Action -	Late Night Pea	ık Hour				
Interception #	Intersection Name	Anneach	Lana Craum	Marramant	Vol	ume	V	/C	De	elay	L	SC
Intersection #	intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
	E 61st Street & 5th	SB	T	T	975	976	0.59	0.59	22.3	22.6	С	С
14	Ave	WB	L	L	190	184	0.20	0.19	18.2	18.2	В	В
	Ave	Intersection							21.6	21.8	С	С
		SB	LT	L	75	75	-	-	-	-	-	-
	E 65th Street & 5th	36		T	735	731	0.47	0.47	6.7	6.6	Α	Α
15	Ave	EB	T	T	670	669	0.75	0.74	33.7	33.6	С	С
	Ave	LD	R	R	205	205	0.58	0.58	32.7	32.7	С	С
		Intersection							20.0	20.0	С	С
		SB	TR	T	750	747	0.56	0.56	18.2	18.2	В	В
	E 66th Street & 5th	30	IK	R	255	255		-	-	-		-
16	Avenue	WB	LT	L	60	59		-	-	-		-
	Avenue	WD	LI	T	475	468	0.61	0.60	29.6	29.4	С	С
		Intersection							22.2	22.1	С	С
				L	60	60	-	-	-	-	-	-
		SB	LTR	T	615	617	0.56	0.56	25.1	25.1	С	С
				R	70	70		-	-	-		-
17	E 79th Street & 5th	EB	T	T	355	354	0.56	0.56	34.1	34.1	С	С
17	Ave	LD	R	R	110	110	0.41	0.38	34.0	33.0	С	С
		WB	L	L	55	54	0.60	0.55	63.5	57.9	E	Е
		WD	T	T	395	388	0.41	0.40	22.6	22.5	С	С
		Intersection							28.4	28.1	С	С
				L	10	10	-	-	-	-	-	-
		NB	LTR	T	245	236	0.22	0.21	18.5	18.4	В	В
				R	0	0	-	-	-	-	-	-
				L	0	0	-	-	-	-	-	-
18	E 71st Street &	SB	LTR	T	315	317	0.31	0.32	19.8	19.8	В	В
10	York Ave			R	40	40	-	-	-	-	-	-
			L	L	80	80	0.20	0.20	26.7	26.7	С	С
		WB	TD	T	180	180	0.59	0.59	35.3	35.3	D	D
			TR	R	100	100	-	-	-	-	-	-
		Intersection							24.6	24.6	С	С

				Upper West Sid	le Study Area - I	Existing vs No-A	ction - AM Peak	k Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		/C	De	elay	L	OS
intersection#	intersection Name	Approach	Lane Group	iviovement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			L	L	105	104	0.37	0.36	20.5	20.4	С	С
		NB	T	T	190	187	0.36	0.35	16.8	16.7	В	В
			R	R	65	64	0.22	0.22	15.8	15.7	В	В
		SB	TR	T	415	414	0.60	0.60	27.8	27.8	С	С
	W 72nd Street &			R L	30 10	30 10	-	-	-	-	-	-
1	West End Ave	EB	LTR	T	135	131	0.67	0.64	38.3	37.4	D D	- D
	West Life Ave	LD	LIK	R	120	116	-	-	-	-	-	-
				L	85	84	-	-	-	-	-	-
		WB	LTR	T	140	138	0.77	0.75	45.3	43.9	D	D
				R	45	44	-	-	-	-	-	-
		Intersection							30.5	30.0	С	С
				L	20	19	-	-	-	-	-	-
		NB	LTR	T	385	370	0.49	0.47	10.2	10.1	В	В
				R	60	57	-	-	-	-	-	-
			L	L	55	55	0.25	0.25	15.0	14.8	В	В
2	W 61st Street &	SB	TR	T	585	574	0.37	0.36	13.4	13.4	В	В
2	West End Ave		in.	R	35	35	-	-	-	-	-	
			1.70	L	20	20					-	<u> </u>
		EB	LTR	T	15	15	0.34	0.34	28.9	28.9	С	С
		Intone 11		R	55	55	-	-	105	- 10.5	-	
		Intersection		,	/0	/^			13.5	13.5	В	В
		NB	LTR	L	60	60	- 0.77	- 0.77	- 40.0	- 40.0	- D	-
		IND	LIK	T R	30 10	30 10	0.66	0.66	48.3	48.3	D -	D -
				L	15	15	-	-	-	-	-	-
		SB	LTR	T	130	130	1.03	1.03	88.6	87.9	F	F
		35	LIK	R	155	154	-	-	-	-	-	-
3a	W 79th Street &			ï	5	5		_	_	_	_	-
	Riverside Drive	EB	TR	T	510	502	0.60	0.59	12.7	12.6	В	В
				R	335	330	-	-	-	-	-	-
				L	5	5	-	-	-	-	-	-
		WB	TR	T	595	590	0.46	0.46	10.7	10.6	В	В
				R	25	25	-	-	-	-	-	-
		Intersection							26.8	26.7	С	С
		NB	TR	L	210	2143	0.35	1.05	22.2	65.6	С	E
	W 56th Street &			R	100	1170	-	0.91	-	47.9	-	D
4a	12th Avenue	EB	LT	L	465	2958	- 0.07	0.52	- 7.0	0.7	-	A
				T	705	0	0.86		7.0	32.1	A	C
		Intersection	_	-	01.45	2012	1.05	0.50	10.6	206.8	В	
	W E4th Stroot 9	NB	T	T	2145	2013	1.05	0.59	65.9	15.6	E	В
4b	W 56th Street & West Side Highway	SB	L T	L T	1170 2950	2958 0	0.91 0.52	0.92	47.9 0.7	33.2	D A	С
	vvest slue i ligitivay	Intersection	1	'	2900	U	0.02	-	32.2	-	C	-
			L	ı	75	30	1.01	0.77	206.8	30.1	F	C
		NB	T	T	2015	130	0.59	0.77	15.6	6.2	В	A
		0.0		Ť	2950	0	0.92	-	33.0	28.2	C	C
F	W 55th Street &	SB	TR	R	0	0	-	-	-	-	-	
5a	West Side Highway		LT	L	125	282		0.36	-	11.8	-	В
	Ů,	WB		T	30	0	0.76	-	29.2	-	С	
			R	R	130	0	0.36	-	6.1	-	А	
		Intersection							28.1	-	С	
		NB	LT	L	0	286		0.54	-	57.9	-	E
		IND		T	280	30	0.36	-	11.8	-	В	-
5b	W 55th Street &			L	0	105	-	0.41	-	37.2	-	D
	12th Avenue	WB	LTR	T	285	0	0.54	-	57.9	37.2	E	D
		Indiana di	ļ	R	30	328	-	0.78	- 24.0	48.5	-	D
		Intersection							36.2	14.3	D	В
_	W 55th Street &	WB	L	L	105	64	0.41	-	36.3	-	D	-
5c	West Side Highway Arterial	Intersection							36.3	27.9	D	С

				Upper West Sid	e Study Area - I	Existing vs No-A	ction - AM Peak	K Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement	Vol	ume	V	/C		elay		OS
IIIICI SCUIUII#	intersection ivaille	Approacri	Lane Group	MICAGILIGILE	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	L	L	330	972	0.79	0.73	49.0	5.9	D	Α
,	W 60th Street &		T	T	510	78	0.42	-	14.4	-	В	-
6	Broadway	SB	TR	T R	860 65	235 157	0.90	0.92 0.29	29.2	46.5 3.8	C	D A
		Intersection		K	03	157		0.27	28.7	12.5	C	В
				Т	995	91	0.74	-	6.4	-	A	-
	M/ (Oth Ctroot 0	SB	TR	R	80	912	-	0.47	-	14.5	-	В
7	W 60th Street & Columbus Ave	WB	L	L	235	170	0.91	0.48	45.5	44.6	D	D
	Coldinada		T	T	160	65	0.30	0.31	3.8	42.9	Α	D
		Intersection			0.5	4.0		0.00	12.6	20.9	В	С
		NB	LT	L T	95 955	19 372	0.50	0.09	14.8	11.1 12.3	- B	В
8	W 60th Street &		T	T	175	609	0.50	0.34	44.9	3.1	D D	B A
Ü	Amsterdam Ave	WB	R	R	65	20	0.31	-	42.8	-	D	-
		Intersection							21.0	-	С	-
		NB	L	L	20	0	0.10	0.12	11.2	21.3	В	С
		IND	T	T	390	30	0.35	-	12.5	-	В	-
		SB	TR	T	620	140	0.33	-	3.0	-	A	-
				R	20	52		0.68	-	56.0 -	-	E .
9	W 60th Street &	EB	LTR	L T	5 0	69 0	0.12		21.3	16.7	- C	- В
	West End Ave	20	2110	R	30	972	-	0.44	-	3.2	-	A
				L	140	5		-	-	-	-	-
		WB	LTR	T	60	117	0.70	-	56.3	-	E	-
				R	70	10		0.46	-	38.9	-	D
		Intersection		-	40-7		0.11		16.9	23.6	В	C
		NB	TR	T R	1015 5	0 182	0.46	-	3.2	8.1	Α	A
	W 61st Street &			R I	120	1050	-	0.77	-	22.2	-	- C
10	Amsterdam Ave	EB	LT	Ţ	10	0	0.47	-	39.1	22.2	D	C
		WB	R	R	10	493	0.04	0.34	23.6	9.6	С	A
		Intersection							8.0	-	А	-
	W 61st Street &	SB	LT	L	185	20	-	-	-	-	-	-
11	Columbus Ave			Т	1075	801	0.79	0.56	22.8	19.7	С	В
		Intersection	TD	-	405	4.4	0.25	0.54	22.8	- 05.7	C	- 0
		NB	TR	T R	495 15	44 108	0.35	0.54	9.6	25.7	A	С
			LT	L	20	0		-	-	17.0		В
12	W 61st Street &	SB		T	815	598	0.57	0.32	19.9	13.4	В	В
12	Broadway			L	30	74	-	0.23	-	28.1	-	С
		EB	LTR	T	45	0	0.55	-	25.6	15.1	С	В
		Internation		R	110	15		-	- 47.4	- 19.1	- B	-
		Intersection NB	T	T	610	169	0.33	0.44	17.1 13.4	23.2	В	B C
13	W 61st Street &	EB	i	<u>'</u>	80	165	0.25	0.57	29.3	28.7	C	C
	Columbus Ave	Intersection	_				0.20	0.07	15.4	43.6	В	D
				L	15	45	-	-	-	-	-	-
		NB	LTR	T	225	15	0.54	0.18	23.3	44.0	С	D
				R	170	312	-	0.92		61.6		E
		SB	LTR	L T	165 385	10 167	0.96	0.04 0.84	51.3	23.5	- D	C D
		ЭD	LIK	R	385 45	224	- 0.96	0.84	51.3	52.4 40.8	- -	D D
14	W 81st Street &		L	L	15	118	0.18	0.41	44.0	30.1	D	C
	Central Park West	EB	TR	T	315	0	0.93	-	63.4	39.7	E	D
			ı IX	R	10	65	0.03	-	23.5	-	С	
		WD	L	L	170	353	0.85	0.43	54.4	3.4	D	A
		WB	T R	T R	230 120	656 45	0.73	0.57	42.0 30.2	20.4	D C	С
		Intersection	٨	1\	120	40	0.41		44.8	31.3	D	C
			1-	L	65	314		0.80	-	44.6	-	D
		NB	LT	T	355	231	0.43	0.65	3.5	37.0	А	D
		SB	TR	T	665	0	0.58	-	20.5	23.6	С	С
15	W 66th Street &	35		R	45	388	-	0.84	-	37.7	-	D
	Central Park West	\A/D	L T	L T	180	255	0.52	- 0.00	31.5	59.2	C	- E
		WB	R	R	320 235	370 463	0.81	0.98 0.56	46.0 37.5	9.8	D D	A
		Intersection	٨	1\	233	403	0.00	0.50	24.1	22.9	С	C
			TD	T	390	499	0.84	0.77	37.9	36.1	D	D
		NB	TR	R	255	25	-	-	-	-	-	-
		SB	LT	L	375	0	1.00	-	62.9	35.2	E	D
16	W 65th Street &	JD		T	470	0	0.57	-	10.1	-	В	-
	Central Park West		L	L	30	0	0.09	-	22.9	-	С	-
	1	EB	TR	T	505	0	0.77	-	36.5	-	D	-
		Intersection		R	25	0	•	-	- 36.1	-	- D	-

			l	Ipper West Side	Study Area - Ex	isting vs No-Acti	on - Midday Pe	ak Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		'/C	D	elay	L	.OS
intersection #	intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			L	L	115	115	0.34	0.34	19.0	19.0	В	В
		NB	T	T	285	284	0.49	0.49	19.8	19.8	В	В
			R	R	70	70	0.23	0.23	16.5	16.5	В	В
		SB	TR	T R	330 55	329 55	0.57	0.57	29.4	29.4	C	С
	W 72nd Street &			L	25	25	-	-		-	-	-
1	West End Ave	EB	LTR	T	110	108	0.64	0.63	38.8	38.5	D	D
				R	90	89	-	-	-	-	-	-
				L	80	80	-	-	-	-	-	-
		WB	LTR	T	155	155	0.89	0.89	60.0	59.6	E	E
				R	50	50	-	-	-	-	-	-
		Intersection			_	_			34.3	34.2	С	С
		ND	LTD	L	5	5	-	-	-	-	-	-
		NB	LTR	T R	370 60	366 60	0.42	0.42	9.4	9.5	A	A
			L		15	14	0.07	0.07	12.7	12.6	- В	В
	W 61st Street &	SB		L T	575	568	0.07	0.07	14.0	14.0	В	В
2	West End Ave	05	TR	R	15	15	-	-	-	-	-	-
				L	5	5	-	-	-	-	-	-
		EB	LTR	T	20	20	0.17	0.17	24.0	24.0	С	С
				R	35	35	-	-	-	-	-	-
		Intersection							12.8	12.8	В	В
				L	70	70	-	-	-	-		-
		NB	LTR	T	45	45	0.46	0.46	31.6	31.6	С	С
				R	5	5	-	-	-	-	-	-
			1.70	L	5	5	-	-		-	-	-
		SB	LTR	T	65	65	0.68	0.68	38.8	38.8	D	D
3a	W 79th Street &			R	130	130	-	-	-	-	-	-
Sd	Riverside Drive	EB	TR	L T	20 315	20 313	0.53	0.53	12.7	12.7	- В	В
		LD	IIX	R	360	357	-	- 0.55	- 12.7	- 12.7	- D	- D
				K	0	0	-	-		-		-
		WB	TR	T	535	533	0.38	0.38	10.6	10.6	В	В
				R	50	50	-	_	-	-	-	-
		Intersection							16.8	16.8	В	В
		NB	TR	L	255	2417	0.25	0.78	4.0	10.5	A	В
	W 56th Street &	IND	IK	R	85	560		0.91		63.0	-	E
4a	12th Avenue	EB	LT	L	270	2307	-	0.81	-	49.6	-	D
	Lannivende			T	290	0	0.84	-	16.8	33.6	В	С
		Intersection			_				11.6	165.1	В	F
	MEAN Charles	NB	T	T	2415	2232	0.78	0.71	10.5	19.0	В	В
4b	W 56th Street & West Side Highway	SB	L T	L T	560 2305	2307	0.91 0.81	0.91	63.0 49.6	79.9	E D	Е
	vvest side nighway	Intersection		1	∠305	0	υ.δ1	-	49.6 33.6	-	C	-
			L	L	155	65	1.05	0.80	165.1	26.5	F	C
		NB	T	T T	2230	185	0.71	0.60	19.0	5.9	В	A
		CD		Ť	2305	0	0.91	-	79.9	50.5	E	D
F :	W 55th Street &	SB	TR	R	0	0	-	-	-	-	-	-
5a	West Side Highway		LT	L	160	298		0.43	•	15.5		В
		WB		T	65	0	0.80	-	25.7	-	С	-
			R	R	185	0	0.42	-	5.9	-	Α	
		Intersection							50.4	-	D	
		NB	LT	L	0	412	-	0.56	-	42.7	-	D
	MEET CL.			T	295	45	0.43	-	15.4	-	В	
5b	W 55th Street &	1475	LTD	L	0	220	-	0.57	- 40.7	66.0	-	E
	12th Avenue	WB	LTR	T	410	0	0.56	- 0.02	42.6	66.0	D	E
		Intersection		R	45	338	-	0.83	21.0	52.2 13.6	- C	D B
	MEET CL.	Intersection			0		0		31.9			R
5c	W 55th Street &	WB	L	L	220	79	0.57	-	64.5	-	E	-
OC OC	West Side Highway Arterial	Intersection							64.5	32.6	Е	С

			U	Jpper West Side								
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		//C		elay		OS
			,		Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	L T	L	340 455	967 123	0.84	0.74	52.7 13.7	6.6	D	A
6	W 60th Street &			T T	760	214	0.37	0.75	35.3	25.2	B D	- C
-	Broadway	SB	TR	R	80	203	-	0.32	-	3.5	-	A
		Intersection							33.1	8.8	С	Α
		SB	TR	T	980	64	0.75	-	6.8	-	Α	-
-	W 60th Street &			R	125	1031	- 0.75	0.48	-	14.6	-	В
7	Columbus Ave	WB	L T	L T	215 205	241 85	0.75 0.32	0.60	25.0 3.5	45.3 41.1	C A	D D
		Intersection	'	'	203	65	0.32	0.30	9.0	22.0	A	C
		NB	LT	L	65	10		0.05	-	10.3	-	В
	W 60th Street &	INB	LI	T	1045	356	0.49	0.29	14.7	11.8	В	В
8	Amsterdam Ave	WB	T	T	245	588	0.61	0.30	45.5	5.2	D	Α
		Intonoction	R	R	85	15	0.36	-	41.1 22.1	-	D C	-
		Intersection	L	L	10	0	0.05	0.07	10.4	20.6	В	C
		NB	T	T	360	20	0.00	-	11.9	-	В	-
		CD		Ť	595	170	0.31	-	5.1	-	A	-
		SB	TR	R	15	60	-	0.72	-	47.9	-	D
	W 60th Street &	F2	1.70	L	0	75	-	-	-	-	-	-
9	West End Ave	EB	LTR	T	0	0	0.07	- 0.47	20.6	17.9	С	В
				R L	20 170	1106 10	-	0.47	-	3.6	-	A -
		WB	LTR	T	65	84	0.73	-	48.1	-	D D	-
				R	75	10	-	0.28	-	34.0	-	С
		Intersection							18.0	23.9	В	С
•		NB	TR	T	1120	0	0.48	-	3.6	6.8	Α	Α
				R	10	224	-	-	-	-	-	-
10	W 61st Street & Amsterdam Ave	EB	LT	L	85	1090	- 0.20	0.82	- 24.0	23.8	-	C
	Amsterdam Ave	WB	R	R	10 20	0 442	0.29	0.28	34.0 23.9	23.8 5.1	C	C A
		Intersection	K	K	20	442	0.00	0.20	6.7	-	A	-
	M/ (4 - 1 C) 1 O		1.7	L	225	30		-	-	-	-	-
11	W 61st Street & Columbus Ave	SB	LT	T	1105	688	0.83	0.53	24.2	19.2	С	В
	Columbus Ave	Intersection							24.2	-	С	-
		NB	TR	T	445	35	0.29	0.66	5.1	37.9	Α	D
			LT	R	10 30	144 0	-	-	-	18.0	-	- В
	W 61st Street &	SB	LI	L T	695	617	0.54	0.34	19.3	13.6	- B	В
12	Broadway			Ĺ	45	73	-	0.25	-	24.0	-	C
	,	EB	LTR	T	35	0	0.66	-	37.8	14.7	D	В
				R	145	40	-	-	-	-	-	-
		Intersection	_						18.0	21.7	В	С
13	W 61st Street &	NB EB	T	T L	630	255	0.35	0.91	13.6	60.8 29.3	B C	E C
13	Columbus Ave	Intersection	L	L	75	85	0.26	0.48	24.9 14.9	35.8	В	D
		mersection		L	40	40		-	-	-	-	-
		NB	LTR	T	395	15	0.94	0.20	46.5	44.7	D	D
				R	255	299		0.74		40.7		D
				L	85	30	0.75	0.19	58.2	27.2	E	С
		SB	LTR	T	305	178	0.77	0.91	35.8	64.5	D	E
14	W 81st Street &		L	R L	40 15	261 158	0.20	0.64 0.57	44.7	36.0 35.2	- D	D D
• •	Central Park West	EB		T	300	0	0.20	-	40.9	38.7	D	D
			TR	R	30	45	0.19	-	27.2		C	-
			L	L	180	474	0.92	0.44	67.1	1.6	E	А
		WB	T	T	265	585	0.65	0.55	36.3	20.6	D	С
		Intersection	R	R	160	55	0.57	-	35.4 44.0	36.1	D D	- D
		Intersection		L	45	387		0.98	- 44.0	71.1	-	E
		NB	LT	T	475	273	0.44	0.70	1.6	49.0	A	D
		SB	TR	Ť	590	0	0.56	-	20.6	30.9	C	C
15	W 66th Street &	JD	/K	R	55	464	-	0.81	-	34.6	-	С
13	Central Park West	MD	L	L	220	200	0.66		36.3	-	D	-
		WB	T R	T R	390 275	332 471	0.99 0.82	0.78 0.54	72.8 49.6	34.0 11.0	E D	C B
		Intersection	К	ĸ	210	4/1	0.02	0.34	31.4	25.5	С	C
			TD	T	465	363	0.81	0.61	34.6	32.0	C	C
		NB	TR	R	200	30	-	-	-	-	-	-
		SB	LT	L	335	0	0.78	-	34.6	28.1	C	C
16	W 65th Street &	ЭD		T	475	0	0.54	-	11.0	-	В	-
.0	Central Park West		L	L	55	0	0.18	-	25.5	-	C	-
	1	EB	TR	T	365	0	0.62	-	32.1	-	С	-
		Intersection		R	30	0	-	-	28.3	-	- C	-

				Upper West Sic	le Study Area -	Existing vs No-A	ction - PM Peal	k Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		7/C	De	elay	L	OS
Intersection#	intersection name	Арргоаст	Larie Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
			L	L	150	150	0.37	0.37	18.3	18.3	В	В
		NB	T	T	625	626	0.87	0.87	33.9	34.0	С	С
			R	R	135	135	0.34	0.34	15.8	15.8	В	В
		SB	TR	T	365	363	0.65	0.64	35.8	35.7	D	D
	M 70- 1 Ct 1 0			R	30	30	-	-	-	-	-	-
1	W 72nd Street &	ED	LTD	L	20	20	- 0.75	- 0.75	- 44.5	- 41.7	-	
	West End Ave	EB	LTR	T R	95 90	96 90	0.65	0.65	41.5	41.7	D	D
				L	80	79	-	-	-	-	-	-
		WB	LTR	T	120	120	0.83	0.83	55.3	55.3	E	E
		WB	LIK	R	45	45	-	-	-	-	-	-
		Intersection		, ,	43	43			35.5	35.6	D	D
		Intersection		L	15	15	_	-	-	-	-	-
		NB	LTR	T	750	746	0.68	0.68	10.9	10.9	В	В
				R	45	48	-	-	-	-	-	-
			L	L	35	35	0.23	0.23	15.6	15.6	В	В
2	W 61st Street &	SB		T	740	723	0.40	0.39	13.7	13.6	В	В
2	West End Ave		TR	R	20	20	-	-	-	-	-	-
				L	25	25	-	-	-	-	-	-
		EB	LTR	T	20	20	0.27	0.27	27.2	27.2	С	С
				R	35	35	-	-	-	-	-	-
		Intersection							13.1	13.0	В	В
				L	40	40	-	-	-	-	-	-
		NB	LTR	Т	185	185	0.78	0.78	46.6	46.6	D	D
				R	15	15	-	-	-	-	-	-
				L	5	5	-	-	-	-	-	-
		SB	LTR	Т	60	60	0.63	0.62	39.1	39.0	D	D
	W 79th Street &			R	100	99	-	-	-	-	-	-
3a	Riverside Drive	ED	TD	L	60	60					•	
		EB	TR	T	610	605	0.78	0.78	17.3	17.1	В	В
				R	355	352	-	-		-	-	-
		WB	TR	L T	0 420	0 419	0.41	0.41	9.5	9.5	- A	- A
		VVD	I K	R	155	156		-	9.5	9.0	- A	A
		Intersection		I. I.	155	150	-	-	20.7	20.6	C	C
				L	295	2667	0.29	0.79	4.2	8.7	A	A
		NB	TR	R	130	570	-	0.92	- 4.2	77.6	-	F
4a	W 56th Street &			L	160	2014	-	0.36		0.2	-	A
	12th Avenue	EB	LT	T	410	0	0.76	-	17.2	13.9	В	В
		Intersection							11.4	73.1	В	E
		NB	Т	Т	2690	2478	0.80	0.68	8.8	15.9	A	В
41-	W 56th Street &		L	Ĺ	570	2014	0.92	0.66	77.6	23.7	E	C
4b	West Side Highway	SB	T	T	2010	0	0.36	-	0.2	-	А	-
		Intersection							13.9	25.3	В	С
		NB	L	L	15	10	0.21	0.88	73.1	39.1	E	D
		IND	T	T	2500	189	0.68	0.77	16.1	22.9	В	С
		SB	TR	Т	2010	0	0.66	-	23.7	20.8	С	С
5a	W 55th Street &	JD	I IX	R	0	0	-	-		-	-	-
Ja	West Side Highway		LT	L	315	399	0.80	0.46	25.3	13.4	С	В
		WB		T	10	0	0.88	-	39.1	-	D	-
			R	R	190	0	0.78	-	23.6	-	С	-
		Intersection							20.9	-	С	-
		NB	LT	L	0	514	-	0.76	-	64.7	-	E
				T	405	20	0.47	-	13.5	-	В	-
5b	W 55th Street &	1475	1.70	L	0	25	- 0.7/	0.08	- / 4 7	7.1	-	A
	12th Avenue	WB	LTR	T	515	0	0.76	-	64.7	7.1	E	A
		Indiana 12	ļ	R	20	303	-	0.71	- 40.7	44.1	-	D
		Intersection							42.6	15.3	D	В
	W 55th Street &	WB	L	L	25	88	0.08	-	7.1	-	Α	-
5c	West Side Highway	Intersection							7.1	34.1	А	С
	Arterial	IIICISECTION							7.1	34.1	А	

				Upper West Sid	le Study Area -	Existing vs No-A	ction - PM Peal	k Hour				
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		'/C	De	elay	L	OS
IIIter section #	intersection name	Арргоасті	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	L	L	305	1133	0.71	0.82	44.3	8.1	D	Α
	W 60th Street &	IND	T	T	645	126	0.49	-	15.3	-	В	-
6	Broadway	SB	TR	T	865	190	0.95	0.69	47.0	25.9	D	С
	broadway		110	R	90	201	-	0.35	-	5.0	-	A
		Intersection							35.8	9.7	D	A
		SB	TR	T	1170	97	0.84	-	9.0	-	Α	-
_	W 60th Street &			R	130	1371	-	0.65	-	17.1	-	В
7	Columbus Ave	WB	L	L	190	222	0.69	0.60	25.7	45.7	С	D
			T	Ť	205	105	0.36	0.49	5.1	46.1	A	D
		Intersection			0.5	10		0.05	10.4	22.6	В	С
		NB	LT	L T	95	10	-	0.05	- 1(0	10.5	-	В
8	W 60th Street &		T	T T	1345 230	679 748	0.64	0.54	16.8 46.1	15.1 5.8	B D	B A
0	Amsterdam Ave	WB	R	R	105	10	0.62	0.39	45.8	0.0	D	A
		Intersection	IX.	IX.	103	10	0.47	_	22.6	-	C	
			L	L	10	0	0.06	0.10	10.5	21.0	В	С
		NB	T	T	680	25	0.54	-	15.2	-	В	-
				Ť	765	130	0.40	_	5.9	-	A	-
		SB	TR	R	10	69	-	0.74	-	44.2	-	D
	M (OH C)			Ĺ	10	120	-	-	-	-	-	-
9	W 60th Street &	EB	LTR	T	0	0	0.10	-	21.0	16.9	С	В
	West End Ave			R	25	1456	-	0.61	-	3.4	-	А
				L	130	20		-	-	-	-	
		WB	LTR	T	75	98	0.74	-	45.0	-	D	-
				R	120	5		0.32	-	32.5	-	С
		Intersection							17.0	23.9	В	С
		NB	TR	T	1430	0	0.60	-	3.3	5.7	Α	А
		ND	TIX.	R	20	194	-	-	-	-	-	-
10	W 61st Street &	EB	LT	L	95	1259	-	0.83	-	24.4	-	С
	Amsterdam Ave			T	5	0	0.31	-	32.1	24.4	С	С
		WB	R	R	20	630	0.07	0.38	23.9	5.3	С	A
		Intersection							5.6	-	A	-
4.4	W 61st Street &	SB	LT	L	195	40	-	-	-	-	-	-
11	Columbus Ave			T	1300	814	0.85	0.60	25.7	20.6	C	С
		Intersection	TD	-	/25	20	0.00	0.51	25.7	- 20.7	C	-
		NB	TR	T	635 10	38	0.38	0.51	5.3	32.7	А	С
			LT	R L	40	121 0	-	-	-	16.2	-	- В
	W 61st Street &	SB	LI	T	835	806	0.62	0.42	20.9	14.5	C	В
12	Broadway			i i	35	88	-	0.42	-	26.1	-	C
	D. Gaarray	EB	LTR	T	40	0	0.51	-	32.4	15.7	С	В
				R	120	25	-	-	-	-	-	-
		Intersection							16.3	22.8	В	С
		NB	Т	T	825	255	0.44	0.80	14.6	41.6	В	D
13	W 61st Street &	EB	L	L	90	59	0.30	0.44	25.8	30.8	С	С
	Columbus Ave	Intersection							15.8	29.1	В	С
				L	25	34	-	-	-	-	-	-
		NB	LTR	T	620	25	0.98	0.28	49.5	47.1	D	D
				R	255	306	-	0.89	-	55.4	-	E
				L	60	25	0.91	0.13	113.0	25.5	F	С
		SB	LTR	T	275	204	0.66	0.99	29.5	79.0	С	E
	W 81st Street &			R	35	283		0.74	-	40.9	-	D
14	Central Park West	F.5	L	L	25	209	0.28	0.75	47.1	45.6	D	D
		EB	TR	T	305	0	0.88	-	55.0	40.2	E	D
				R	25	35	0.13	- 0 FF	25.5	12.0	С	- D
		WB	L	L	205 285	645 586	0.99 0.74	0.55 0.54	78.9 41.2	13.0 20.3	E D	B
		٧٧B	R	R	285	40	0.74	0.54	41.2	20.3	D	C
		Intersection	IV.	ı\	210	40	0.75	-	50.6	29.7	D	C
				L	35	391	-	1.03	-	85.6	-	F
		NB	LT	T	645	292	0.55	0.85	13.0	51.7	В	D
			_	T	585	0	0.54	-	20.3	34.6	C	C
	W 66th Street &	SB	TR	R	40	630	-	0.94	-	51.0	-	D
15	Central Park West		L	L	175	250	0.46	-	29.9	-	С	-
		WB	T	T	395	326	1.04	0.91	88.2	95.3	F	F
			R	R	295	433	0.86	0.50	53.0	9.8	D	А
		Intersection							35.3	25.4	D	С
		NB	TR	T	630	462	0.94	0.78	50.8	38.3	D	D
		IND	IK.	R	250	40		-	-	-	-	
		SB	LT	L	330	0	0.92	-	96.2	46.0	F	D
16	W 65th Street &	ЭĐ	LI .	T	430	0	0.50	-	9.7	-	А	-
10	Central Park West	·	L	L	50	0	0.17	-	25.4	-	С	-
		EB	TR	T	460	0	0.78	-	38.1	-	D	
				R	40	0	-	-	-	-	-	-
		Intersection							46.2		D	

			Up	per West Side S		ting vs No-Actio			_	-1		00
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume No Astion		V/C		elay No Astion		OS No Action
		• • • • • • • • • • • • • • • • • • • •	·		Existing 95	No-Action 93	Existing 0.24	No-Action 0.23	Existing	No-Action 16.0	Existing	No-Action
		NB	L T	L T	135	133	0.24	0.23	16.1 15.1	15.1	B B	B B
		ND	R	R	60	59	0.20	0.20	15.0	15.1	В	В
			TR	T	295	295	0.41	0.41	26.2	26.2	C	C
		SB	110	R	25	25	-	-	-	-	-	-
	W 72nd Street &			Ĺ	10	10	-	-	-	-	-	-
1	West End Ave	EB	LTR	T	105	104	0.47	0.46	33.1	33.1	С	С
				R	80	79	-	-	-	-	-	-
				L	65	65	-	-	-	-	-	-
		WB	LTR	Т	125	126	0.58	0.58	36.4	36.5	D	D
				R	30	30	-	-	-	-	-	-
		Intersection							27.0	27.0	С	С
				L	10	10	-	-	-	-	-	-
		NB	LTR	T	275	269	0.27	0.26	8.4	8.2	Α	Α
				R	25	24	-	-	-	-	-	-
	144 (44 - 1 - 1 - 1 - 1 - 2	CD	L	L	30	30	0.10	0.10	12.8	12.7	В	В
2	W 61st Street &	SB	TR	T R	555	555	0.28	0.28	13.5	13.5	B -	В
	West End Ave		-		15 10	15 10	-	-	-	-		
		EB	LTR	L T	20	20	0.16	0.16	23.8	23.8	- C	- C
		LD	LIK	R	25	25	-	-	- 23.8	- 23.8	-	-
		Intersection		ı\	2 U	20			12.5	12.5	- В	В
		microconori		L	40	40			12.3	12.5	-	-
		NB	LTR	T	35	35	0.25	0.25	26.1	26.1	C	C
			2	R	5	5	-	-	-	-	-	-
				L	5	5	-	-	-	-	-	-
		SB	LTR	T	50	50	0.46	0.46	30.4	30.4	С	С
				R	85	85	-	-		-	-	
3a	W 79th Street &			L	5	5	-	-	-	-	-	-
	Riverside Drive	EB	TR	T	400	396	0.42	0.42	11.1	11.1	В	В
				R	175	173	-	-	-	-	-	-
				L	0	0	-	-	-	-	-	-
		WB	TR	T	485	484	0.36	0.36	10.4	10.4	В	В
				R	30	30	-	-	-	-	-	-
		Intersection							13.8	13.8	В	В
		NB	TR	L	155	2966	0.13	0.85	0.2	21.3	Α	С
	W 56th Street &			R	45	420	-	0.84	-	60.8	-	E
4a	12th Avenue	EB	LT	L	140	1338	-	0.25		0.1	-	A
				Т	280	0	0.76	-	14.6	19.0	В	В
		Intersection							9.6	55.0	A	D
		NB	T	T	2980	2696	0.85	0.83	22.5	24.6	С	С
4b	W 56th Street &	SB	L	L	420	1338	0.84	0.55	60.8	23.7	E	С
	West Side Highway	Interest to	T	T	1340	0	0.25	-	0.1		A	-
		Intersection		,	Г	-	0.07	0.20	19.7	4.0	В	-
		NB	L	L	5	5	0.06	0.39	55.0	6.9	D	A
			Т	T	2710 1340	270 0	0.83 0.55	0.54	25.0 23.7	7.4 22.7	C C	A C
	W 55th Street &	SB	TR	R	0	0	0.55		23.7	22.1	-	C
5a	West Side Highway			L	105	195	<u> </u>	0.26		12.7	-	В
	cst olde i ligitivaly	WB	LT	T	5	0	0.39	- 0.20	7.0	-	A	-
			R	R	270	0	0.54	-	7.6	-	A	
		Intersection	.,	.,	2.0	ŭ	0.01		22.9	-	C	-
				L	0	380		0.45	-	40.4	-	D
		NB	LT	T	200	10	0.26	-	12.8	-	В	-
	W 55th Street &			Ĺ	0	10	-	0.03	-	2.5	-	Α
5b	12th Avenue	WB	LTR	T	380	0	0.44	-	40.1	2.5	D	A
				R	0	312	-	0.68	-	42.1	-	D
		Intersection	ĺ		-			1	30.6	13.3	С	В
	W 55th Street &	WB	L	L	10	85	0.03	_	2.5	-	A	-
5c	West Side Highway	****	-	-	10	00	0.03		2.0	-	,,	
	Arterial	Intersection							2.5	25.3	Α	С

			Up	per West Side S		ting vs No-Actio						
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		V/C		elay		OS
					Existing 315	No-Action	Existing 0.68	No-Action	Existing 42.3	No-Action 5.8	Existing D	No-Action
		NB	L T	L T	480	1024 70	0.84	0.70	13.3		В	A -
6	W 60th Street &	SB	TR	Ť	625	235	0.76	0.75	25.7	28.6	C	С
	Broadway	28	IK	R	85	162		0.27		4.9	-	А
		Intersection							25.4	9.4	С	A
		SB	TR	T R	1030 70	40 949	0.71	0.40	5.9	13.5	A -	- B
7	W 60th Street &		L	L	235	147	0.74	0.40	28.2	44.0	C	D
•	Columbus Ave	WB	T	T	165	85	0.27	0.30	4.9	43.6	A	D
		Intersection							9.4	20.0	А	В
		NB	LT	L	40	15	•	0.06	-	10.4	-	В
0	W 60th Street &			T	960	258	0.40	0.18	13.5	10.8	В	В
8	Amsterdam Ave	WB	T R	T R	150 85	570 10	0.39	0.29	28.5 27.9	5.2	C	A -
		Intersection	K	IX.	03	10	0.30		16.7	-	В	-
		NB	L	L	15	0	0.06	0.04	10.4	20.0	В	В
		IND	T	T	265	15	0.19	-	10.8	-	В	-
		SB	TR	T	570	100	0.29	-	5.2	-	A	-
				R L	10 0	42 45	-	0.47	-	41.8	-	D -
9	W 60th Street &	EB	LTR	T	0	45 0	0.04	-	20.0	13.8	- В	- В
,	West End Ave			R	15	1019	-	0.43	-	5.0	-	A
				L	100	15		-	-	-	-	-
		WB	LTR	T	45	70	0.47	-	41.7	-	D	-
		Intersection		R	45	4	-	0.20	13.9	30.3	- B	C
			_	Т	1030	0	0.44	-	5.0	22.6 7.2	A	A
		NB	TR	R	15	184	-	-	-	-	- A	- A
10	W 61st Street &	EB	LT	L	70	1094	-	0.70	-	19.8	-	В
10	Amsterdam Ave			T	5	0	0.20	-	30.4	19.8	С	В
		WB	R	R	25	476	0.07	0.26	22.6	5.0	C	A
		Intersection		L	185	20		-	7.2	-	A -	-
11	W 61st Street &	SB	LT	T	1100	590	0.71	0.39	19.9	17.1	В	В
	Columbus Ave	Intersection		·	1100	0,0	0.71	0.07	19.9	-	В	-
		NB	TR	T	480	29	0.27	0.49	5.0	34.8	А	С
		ND		R	0	115		-		-	-	-
	W//1st Ctss st 0	SB	LT	L T	20 595	0 683	0.39	0.34	17.0	15.4	- B	В
12	W 61st Street & Broadway			L	40	49	- 0.39	0.34	17.2	13.6 19.0	- B	B B
	broadway	EB	LTR	T	30	0	0.49	-	34.8	14.0	С	В
				R	115	30	•	-		-		-
		Intersection							15.4	20.5	В	С
10	W 61st Street &	NB	T	T	695	170	0.34	0.36	13.6	21.4	В	C
13	Columbus Ave	EB Intersection	L	L	50	55	0.16	0.19	18.9 14.0	19.5 24.4	B B	B C
		IIItersection		L	30	25	_		-	- 24.4	-	-
		NB	LTR	T	320	15	0.59	0.18	24.3	44.0	С	D
				R	170	244	-	0.66	-	36.4	-	D
		0-		L	55	30		0.09		24.2	-	С
		SB	LTR	T	200	93	0.38	0.37	20.8	21.2	С	C
14	W 81st Street &		L	R L	25 15	210 137	0.18	0.56 0.43	44.0	32.7 30.2	- D	C
	Central Park West	EB	TR	T	245	0	0.66	-	36.5	26.8	D	C
			IK	R	30	30	0.09	-	24.2	-	С	-
			L	L	95	444	0.38	0.34	21.3	1.2	С	A
		WB	T	T R	215	403 30	0.57	0.36	33.1	17.5	C	В
		Intersection	R	К	140	3U	0.44	-	30.4 27.5	26.3	C	- C
			17	L	30	360	-	0.86	-	49.0	-	D
		NB	LT	T	445	242	0.34	0.73	1.2	41.4	Α	D
		SB	TR	T	410	0	0.37	-	17.6	24.5	В	С
15	W 66th Street &			R	30	439	- 0.20	0.84	- 2/ 4	35.8	-	D
	Central Park West	WB	L T	L T	105 365	305 212	0.29	0.57	26.4 50.5	22.3	C D	- C
		VVD	R	R	245	295	0.87	0.57	41.9	6.8	D	A
		Intersection	,		-10	_,,		5.02	25.0	24.5	C	C
		NB	TR	T	440	419	0.84	0.61	35.9	31.6	D	C
		IND	1 K	R	305	30		-		-	-	-
	M//F#F C/ 2	SB	LT	L	215	0	- 0.40	-	-	28.0		С
	W 65th Street & Central Park West		L	T L	300 35	0	0.48 0.10	-	10.4 24.5	-	B C	-
16			l L	L								
16	Celliai Paik West	EB		T	420	0	0.61	_	31.5	-	С	-
16	Central Park West	EB	TR	T R	420 30	0	0.61	-	31.5	-	C -	-

				LDR Study	Area - Existing	vs No-Action - A	M Peak Hour					
Intersection #	Intersection Name	0	Lama Cuassa	Movement	Volume		V/C		Delay		LOS	
		Approach	Lane Group	wovement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	NBL	L	55	55	0.15	0.15	11.1	11.1	В	В
			NBT	Т	210	210	0.18	0.18	10.3	10.3	В	В
		SB	SBT	T	220	220	0.44	0.44	23.0	23.0	С	С
1	W 179th St &		SBR	R	80	80	-	-	-	-	-	-
1	Broadway		WBL	L	45	45	-	-	-	-	-	-
		WB	WBT	T	145	153	0.70	0.72	38.4	39.8	D	D
			WBR	R	50	50	-	-	-	-	-	-
	1	Intersection							23.5	24.0	C.	C.

				LDR Study	Area - Existing	vs No-Action - M	ID Peak Hour					
Intersection #	Intersection Name	0b	Lama Cuassa	Movement	Volume		V/C		Delay		LOS	
		Approach	Lane Group	wovement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	NBL	L	140	140	0.36	0.36	15.6	15.6	В	В
		ND	NBT	Т	330	330	0.25	0.25	11.4	11.4	В	В
		SB	SBT	T	220	220	0.44	0.44	24.1	24.1	С	С
1	W 179th St &	30	SBR	R	105	105	-	-	-	-	-	-
1	Broadway		WBL	L	40	40	-	-	-	-	-	-
		WB	WBT	T	200	196	0.74	0.73	38.4	37.7	D	D
			WBR	R	50	50	-	-	-	-	-	-
	1	Intersection							23.2	22.9	C.	C.

				LDR Study	Area - Existing	vs No-Action - P	M Peak Hour					
Internación #	Intersection Name	Approach	Lane Group	Movement	Volume		V/C		Delay		LOS	
Intersection #					Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action
		NB	NBL	L	135	135	0.30	0.30	14.1	14.1	В	В
		ND	NBT	Т	340	340	0.27	0.27	11.6	11.6	В	В
		SB	SBT	T	230	230	0.41	0.41	23.7	23.7	С	С
1	W 179th St &		SBR	R	100	100	-	-	-	=	=	-
1	Broadway		WBL	L	35	35	-	-	-	=	=	-
		WB	WBT	T	220	217	0.77	0.76	40.2	39.6	D	D
			WBR	R	60	60	-	-	-	-	-	-
		Intersection							23.5	23.3	С	С

	1		1	LES Study		vs No-Action - Al ume		//C	De	elay	10	15
Intersection #	Intersection Name	Approach	Lane Group	Movement	Existing	No-Action	Existing	No-Action	Existing	No-Action	-	No-Actio
			NBL	L	10	10	LAISTING	NO-ACTION	LAISTING	NO-ACTION	LAISTING	INO-ACTIO
		NB	NBT	T	355	355	0.76	0.76	39.1	39.1	D	D
		5	NBR2	R2	155	165	0.42	0.45	28.8	29.5		C
			SBL	T	75	85	0.69	0.78	66.7	86.2		F
		SB	SBT	T	50	50	0.15	0.15	23.6	23.6	C C C C B B B B B C C C D D B B B B B C C D D B B B B	C
			SBR	R	10	10						
	Park Row/Chatham		EBT	Т	20	20	0.09	0.09	22	22	С	С
1	Square &	EB	EBR	R	10	10	0	0	0	0	1 D 5 C 2 E 5 C C 0 0 5 C C 0 0 6 C C 6 C C 8 C 8 C 8 C 8 C 8 C 8 C 8 C 8 C 8 C	0
	Worth/Oliver St &		WBL	L	135	133	0.46	0.46	29.6	29.6		С
	Mott St	WB	WBT	Т	15	15	0.3	0.3	21.3	21.5	С	С
			WBR	R	170	168				33 (
			SWL2	L2	55	55						
		SWB SWL L 0 0	0.24	0.24	33	33	С	С				
			SWR	R	0	0						
		Intersection							33.5	35.5		D
		NB	NBL	L	95	95	0.2	0.2	16.4	16.4	В	В
			NBR	R	30	30	0.07	0.07	14.9	14.9	В	В
	Chatham Square &	EB	EBT	Т	170	190	0.16	0.18	18.4	19.2	Existing D C E C C C C C C C C B B B B C C B B A C C C C	В
2	E Broadway	LB	EBR	R	135	135	0.29	0.29	57	59.7		E
	L bloadway	WB	WBL	L	120	120	0.35	0.35	10.2	10.4		В
		WB	WBT	Т	225	221	0.22	0.21	6.4	6.4		Α
		Intersection							20.1	20.9	С	С
		NB	NBL	L	140	140	0.58	0.58	41.5	41.5		D
		.,,,,	NBR	T	250	250	0.55	0.55	19.8	19.8	В	В
	Chatham	EB	EBT	T	195	215	0.24	0.27	6.2	5.8	Α	Α
3	Square/Bowery &		EBR2	R2	5	5					C B B B B C C D B A A	
	Divison St	WB	WBL	L	5	5						
			WBT	T	205	201	0.25	0.25	20.2	20.1		С
		Intersection							20.6	20.1	С	С

				LES Study Ar	ea - Existing v	s No-Action - Mi	dday Peak Hour							
Intersection #	Intersection Name	Approach	Lane Group	Movement	Vol	ume	V	/c	De	elay	LO	S	Calibration Edits	Notes
intersection #	intersection Name	Approacn	Lane Group	wovement	Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Action		
			NBL	L	10	10								Based on video observation.
		NB	NBT	T	215	215	0.49	0.49	29.3	29.3	C	C		
			NBR2	R2	170	172	0.46	0.47	30	30.2	C	С		
			SBL	T	160	163	0.82	0.84	88	95.2	F	F		
		SB	SBT	T	75	75	0.22	0.22	24.6	24.6	C	C		
	Park Row/Chatham		SBR	R	10	10								
	Square &	EB	EBT	T	20	20	0.11	0.11	22.2	22.2	С	C		
1	Worth/Oliver St &	25	EBR	R	20	20								
	Mott St		WBL	L	155	140	0.48	0.44	25.6	25.6	C	C		
	WOLL ST	WB	WBT	T	20	20	0.3	0.27	17.4	18.2	В	В		
			WBR	R	180	165								Based on video observation
			SWL2	L2	40	40								
		SWB	SWL	L	0	0	0.17	0.17	31.8	31.8	C	C		
			SWR	R	0	0								
		Intersection							35.4	37.3	D	D		
		NB	NBL	L	85	85	0.15	0.15	15.8	15.8	В	В		
			NBR	R	35	35	0.08	0.08	14.9	14.9	В	В		
	Chatham Square &	EB	EBT	T	205	210	0.2	0.2	19.4	20	В	В		
2	E Broadway		EBR	R	185	185	0.37	0.37	84.9	84.7	F	F		
	,	WB	WBL	L	130	130	0.35	0.35	7.1	7.7	A	Α		
			WBT	T	270	240	0.23	0.21	4.7	4.7	A	A		
		Intersection							26.5	27.3	C	C		
		NB	NBL	L	110	110	0.43	0.43	36.6	36.6	D	D		
		-	NBR	T	225	225	0.41	0.41	16.3	16.3	В	В		
	Chatham	EB	EBT	T	230	235	0.28	0.29	5.5	5.7	A	Α		
3	Square/Bowery &		EBR2	R2	10	10	0	0	0	0	0	0		
	Divison St	WB	WBL	L	5	5	0	0	0	0	0	0		
			WBT	T	290	260	0.33	0.3	21.1	20.7	C	С		
	1	Internation							17.7	17.4	D	n		7

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				LES Study		vs No-Action - P						
Intersection #	Intersection Name	Approach	Lane Group	Movement		ume		/C		elay	LC	
			·		Existing	No-Action	Existing	No-Action	Existing	No-Action	Existing	No-Actio
			NBL	L	5	5						
		NB	NBT	T	175	175	0.37	0.37	26.8	26.8		С
	Worth/Oliver St & Mott St		NBR2	R2	225	230	0.61	0.62	37.5	39		D
			SBL	T	190	195	0.71	0.73	61.6	68.8	C C C C C C C C C C C C C C C C C C C	E
		SB	SBT	T	95	95	0.24	0.24	24.7	24.7		С
	Dark Bow/Chatham		SBR	R	5	5						
		EB	EBT	T	25	25	0.09	0.09	22.1	22.1	С	С
1	· ·	LD	EBR	R	10	10	0	0	0	0	C D E C C C C C C C C C C C C C C C C C	0
	,		WBL	L	150	143	0.48	0.46	28.6	28.7		С
	Mott St	WB	WBT	T	20	20	0.32	0.31	20.5	21		С
			WBR	R	195	188						
			SWL2	L2	55	55					С	
		SWB	SWL	L	0	0	0.24	0.24	33	33	С	С
		SWR	R	0	0							
		Intersection							33.3	35.1		D
		ND	NBL	L	105	105	0.2	0.2	16.3	16.3	В	В
		NB	NBR	R	45	45	0.09	0.09	15	15	В	В
		ED.	EBT	Т	270	280	0.25	0.26	38.2	45.5	C D E C C C C C C C C C C C C C C C C C	D
2		EB	EBR	R	225	225	0.39	0.39	84.5	84.4	F	F
	E Broadway	14/0	WBL	L	125	125	0.34	0.35	9.4	9.9	Α	А
		WB	WBT	Т	260	246	0.24	0.22	6.2	6.4	C D E C C C C C C D D D D D D D C C C C	А
		Intersection							32.8	35.4		D
		ND	NBL	NBL L 155 155 0.62	0.62	0.62	43	43	D	D		
		NB	NBR	Т	395	395	0.74	0.74	26.5	26.5	С	С
	Chatham		EBT	Т	305	315	0.37	0.38	6.3	6.2	Α	А
3	Square/Bowery &	EB	EBR2	R2	10	10	0	0	0	0	D E C C B B B D D F A A C C D C C A O O O O	0
	Divison St	1445	WBL	L	5	5	0	0	0	0		0
		WB	WBT	Т	230	216	0.26	0.25	20.3	20.1		С
	 	Intersection							21.7	21.5		C