Appendix H:
Mitigation

Traffic Mitigation

Table MA-T1
2033 No Action, With Action and Mitigation Conditions Level of Service Analysis
Weekday AM Peak Hour

Intersection	Weekday AM											
	2033 No Action				2033 With Action				2033 Mitigation			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections												
Jay Street (West) and Sands Street												
Eastbound	L	0.48	46.4	D	L	0.52	50.2	D	L	0.45	41.6	D
	TR	0.88	58.8	E	TR	0.97	76.0	E+	TR	0.89	57.8	E
Westbound	L	0.28	34.0	C	L	0.40	40.8	D	L	0.32	34.1	C
	T	0.71	36.7	D	T	0.73	37.3	D	T	0.67	33.7	C
	R	0.14	27.9	C	R	0.16	28.6	C	R	0.15	26.7	C
Northbound	LTR	0.88	48.1	D	LTR	0.92	54.3	D	LTR	0.92	54.3	D
	R	0.48	10.5	B	R	0.49	10.6	B	R	0.51	11.9	B
	Intersection		37.6	D	Intersection		43.1	D	Intersection		38.4	D
Flatbush Avenue and Tillary Street												
Eastbound	L	0.92	98.5	F	L	0.92	99.6	F	Unmitigated			
	T	0.98	69.2	E	T	0.98	69.2	E				
	R	0.85	53.9	D	R	0.89	59.8	E+				
Westbound	L	1.28	226.0	F	L	1.31	237.4	F+				
	TR	0.95	43.2	D	TR	0.97	47.5	D				
	R	1.19	138.9	F	R	1.32	193.9	F+				
Northbound	L	1.08	123.0	F	L	1.08	123.0	F				
	T	0.86	38.9	D	T	0.88	40.7	D				
	R	1.12	111.5	F	R	1.34	204.4	F+				
Southbound	T	0.65	41.1	D	T	0.66	41.1	D				
	R	0.26	23.9	C	R	0.26	23.9	C				
	Intersection		80.5	F	Intersection		94.4	F				
Flatbush Avenue/Gold Street and Myrtle Avenue												
Eastbound	L	1.15	189.3	F	L	1.25	231.6	F+	L	1.15	188.8	F
	TR	0.70	53.6	D	TR	0.70	54.1	D	TR	0.68	51.6	D
Westbound	L	0.26	42.4	D	L	0.35	47.0	D	L	0.33	44.7	D
	TR	1.14	138.9	F	TR	1.19	161.0	F+	TR	1.16	145.0	F+
Northbound	TR	0.98	46.8	D	TR	0.99	49.2	D	TR	1.00	52.1	D
Southbound	L	0.43	58.4	E	L	0.43	58.4	E	L	0.45	59.5	E
	TR	0.73	18.8	B	TR	0.75	19.8	B	TR	0.77	20.7	C
	Intersection		48.0	D	Intersection		52.5	D	Intersection		51.8	D
Gold Street and Sands Street												
Eastbound	TR	0.37	14.6	B	TR	0.45	15.8	B	Unmitigated			
Westbound	LTR	0.65	21.8	C	LTR	0.68	21.1	C				
Northbound	L	1.27	164.2	F	L	1.60	305.2	F+				
	TR	0.96	66.7	E	TR	1.24	152.7	F+				
Southbound	LTR	0.60	36.1	D	LTR	0.69	41.8	D				
	Intersection		54.7	D	Intersection		89.3	F				
Gold Street and Nassau Street												
Westbound	LTR	1.09	76.4	E	LTR	1.19	108.0	F+	Unmitigated			
Northbound	L	0.09	11.2	B	L	0.14	11.3	B				
	TR	0.55	18.4	B	TR	0.83	32.2	C				
Southbound	L	0.40	28.5	C	L	0.93	80.7	F+				
	TR	0.38	26.6	C	TR	0.48	30.3	C				
	Intersection		50.7	D	Intersection		73.7	E				
Gold Street and Tillary Street												
Eastbound	L	0.39	14.7	B	L	0.40	15.4	B	L	0.40	16.1	B
	TR	0.76	11.6	B	TR	0.76	11.7	B	TR	0.77	12.2	B
Westbound	T	0.53	21.3	C	T	0.55	21.6	C	T	0.56	22.3	C
	R	0.44	21.8	C	R	0.66	29.2	C	R	0.67	30.6	C
Southbound	LTR	0.65	52.1	D	LTR	0.74	60.6	E+	LTR	0.72	56.9	E
	Intersection		19.1	B	Intersection		20.5	C	Intersection		21.0	C
Navy Street and Sands Street												
Eastbound	LTR	0.55	18.8	B	LTR	0.63	21.2	C	Unmitigated			
Westbound	LTR	0.48	26.1	C	LTR	0.96	69.9	E+				
Northbound	L	1.18	133.9	F	L	1.30	181.8	F+				
	TR	0.97	61.4	E	TR	1.15	117.1	F+				
Southbound	LTR	0.56	28.1	C	LTR	0.64	32.1	C				
	Intersection		60.6	E	Intersection		91.8	F				
Navy Street and Nassau Street/Flushing Avenue												
Eastbound	LTR	0.43	18.7	B	LTR	1.01	61.0	E+	LTR	0.94	46.1	D
Westbound	LT	0.91	52.4	D	LT	1.11	107.1	F+	LT	1.07	92.8	F+
	R	0.55	21.0	C	R	0.65	25.0	C	R	0.62	22.2	C
Northbound	L	0.88	15.8	B	L	0.98	31.2	C	L	1.01	39.2	D
	T	0.65	18.5	B	T	0.65	18.5	B	T	0.69	21.4	C
	R	0.16	19.7	B	R	0.16	19.6	B	R	0.18	21.8	C
Southbound	L	0.67	53.7	D	L	0.82	65.6	E+	L	0.74	55.0	E
	TR	0.48	28.6	C	TR	0.67	33.0	C	TR	0.74	38.6	D
	Intersection		28.6	C	Intersection		49.7	D	Intersection		46.0	D
Navy Street/Ashland Place and Myrtle Avenue												
Eastbound	LTR	0.52	24.4	C	LTR	0.52	24.4	C	LTR	0.52	24.4	C
Westbound	LTR	1.12	107.1	F	LTR	1.12	107.1	F	LTR	1.12	107.1	F
Northbound	TR	0.97	83.3	F	TR	1.03	97.1	F+	TR	0.98	81.6	F
Southbound	L	0.61	41.4	D	L	0.61	40.6	D	L	0.66	45.6	D
	TR	0.48	15.3	B	TR	0.54	15.7	B	TR	0.54	15.7	B
	Intersection		63.2	E	Intersection		65.0	E	Intersection		62.3	E

Notes:
L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service
+ Denotes an increase in delay that exceeds the CEQR Technical Manual significant adverse impact threshold

Table MA-T2
2033 No Action, With Action and Mitigation Conditions Level of Service Analysis
Weekday Midday Peak Hour

Intersection	Weekday Midday											
	2033 No Action				2033 With Action				Mitigation			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections												
Flatbush Avenue and Tillary Street												
Eastbound	L	0.50	56.7	E	L	0.51	57.2	E	Unmitigated			
	T	0.93	60.9	E	T	0.93	60.9	E				
	R	0.72	39.9	D	R	0.77	44.3	D				
Westbound	L	1.06	113.9	F	L	1.08	118.7	F+				
	TR	0.77	27.1	C	TR	0.78	27.5	C				
	R	0.93	59.2	E	R	1.06	96.8	F+				
Northbound	L	1.08	126.2	F	L	1.08	126.2	F				
	T	0.57	27.7	C	T	0.59	28.0	C				
	R	1.08	96.7	F	R	1.15	124.7	F+				
Southbound	T	0.67	41.3	D	T	0.67	41.4	D				
	R	0.26	23.8	C	R	0.26	23.8	C				
	Intersection		59.8	E	Intersection		65.6	E				
Gold Street and Tillary Street												
Eastbound	L	0.19	13.9	B	L	0.20	13.6	B	L	0.20	14.7	B
	TR	0.80	16.8	B	TR	0.80	16.0	B	TR	0.81	16.8	B
Westbound	T	0.49	21.7	C	T	0.49	21.8	C	T	0.50	22.5	C
	R	0.32	20.5	C	R	0.44	23.2	C	R	0.45	24.0	C
Southbound	LTR	0.59	47.9	D	LTR	0.70	55.8	E+	LTR	0.68	53.1	D
	Intersection		21.0	C	Intersection		21.4	C	Intersection		21.9	C
Navy Street and Sands Street												
Eastbound	LTR	0.46	16.7	B	LTR	0.58	19.1	B	LTR	0.64	24.8	C
Westbound	LTR	0.47	25.5	C	LTR	0.76	38.6	D	LTR	0.87	54.9	D
Northbound	L	1.04	80.0	E	L	1.17	126.9	F+	L	1.03	77.8	E
	TR	0.50	20.2	C	TR	0.55	21.5	C	TR	0.51	18.8	B
Southbound	LTR	0.45	24.5	C	LTR	0.47	25.3	C	LTR	0.43	22.2	C
	Intersection		36.3	D	Intersection		48.6	D	Intersection		41.1	D
Navy Street and Nassau Street/Flushing Avenue												
Eastbound	LTR	0.28	15.5	B	LTR	0.39	16.3	B	LTR	0.40	16.5	B
Westbound	LT	0.68	29.0	C	LT	0.78	35.4	D	LT	0.81	38.3	D
	R	0.37	14.8	B	R	0.39	15.2	B	R	0.39	15.2	B
Northbound	L	0.38	32.0	C	L	0.46	36.7	D	L	0.44	35.3	D
	T	0.65	30.4	C	T	0.66	30.8	C	T	0.66	30.6	C
	R	0.24	26.6	C	R	0.24	26.8	C	R	0.24	26.4	C
Southbound	L	0.93	91.5	F	L	1.04	118.9	F+	L	0.94	88.0	F
	TR	0.46	27.6	C	TR	0.63	32.4	C	TR	0.63	30.4	C
	Intersection		31.2	C	Intersection		36.3	D	Intersection		33.8	C

Notes:
L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service
+ Denotes an increase in delay that exceeds the CEQR Technical Manual significant adverse impact threshold

Table MA-T3
2033 No Action, With Action and Mitigation Conditions Level of Service Analysis
Weekday PM Peak Hour

Intersection	Weekday PM											
	2033 No Action				2033 With Action				Mitigation			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections												
Jay Street (West) and Sands Street												
Eastbound	L	0.20	35.6	D	L	0.21	36.1	D	L	0.17	31.5	C
	TR	0.97	85.4	F	TR	1.18	148.1	F+	TR	0.99	84.1	F
Westbound	L	0.50	54.8	D	L	0.91	134.0	F+	L	0.61	61.6	E+
	T	0.55	36.8	D	T	0.56	37.0	D	T	0.48	32.8	C
	R	0.17	33.1	C	R	0.19	33.7	C	R	0.15	30.0	C
Northbound	LTR	1.07	85.1	F	LTR	1.09	90.8	F+	LTR	1.06	81.3	F
	R	0.61	10.2	B	R	0.63	10.6	B	R	0.66	12.9	B
	Intersection		51.8	D	Intersection		67.2	E	Intersection		51.4	D
Flatbush Avenue and Tillary Street												
Eastbound	L	0.36	51.4	D	L	0.37	51.7	D	Unmitigated			
	T	1.20	145.5	F	T	1.20	145.5	F				
	R	0.76	44.2	D	R	0.81	49.4	D				
Westbound	L	1.07	113.4	F	L	1.09	119.3	F+				
	TR	0.88	37.1	D	TR	0.92	40.4	D				
	R	0.81	46.3	D	R	0.94	68.1	E+				
Northbound	L	1.09	130.4	F	L	1.09	130.4	F				
	T	0.54	27.0	C	T	0.56	27.3	C				
	R	0.99	71.6	E	R	1.24	162.2	F+				
Southbound	T	0.79	45.3	D	T	0.80	45.7	D				
	R	0.27	23.9	C	R	0.27	23.9	C				
	Intersection		74.4	E	Intersection		84.8	F				
Flatbush Avenue/Gold Street and Myrtle Avenue												
Eastbound	L	0.93	103.3	F	L	0.96	113.2	F+	L	0.87	88.1	F
	TR	0.93	79.8	E	TR	0.95	84.3	F+	TR	0.89	70.1	E
Westbound	L	0.46	55.2	E	L	0.61	70.2	E+	L	0.54	58.6	E
	TR	0.74	56.4	E	TR	0.78	60.3	E	TR	0.73	53.9	D
Northbound	TR	0.73	28.7	C	TR	0.73	28.1	C	TR	0.75	29.7	C
Southbound	L	0.53	60.4	E	L	0.53	60.4	E	L	0.53	60.4	E
	TR	0.80	22.6	C	TR	0.81	22.9	C	TR	0.83	24.8	C
	Intersection		34.7	C	Intersection		35.9	D	Intersection		34.8	C
Gold Street and Sands Street												
Eastbound	TR	0.37	14.6	B	TR	0.47	16.1	B	Unmitigated			
Westbound	LTR	0.64	18.4	B	LTR	0.66	18.4	B				
Northbound	L	0.97	72.8	E	L	1.26	165.4	F+				
	TR	0.67	38.3	D	TR	1.22	149.3	F+				
Southbound	LTR	0.62	35.6	D	LTR	0.70	40.7	D				
	Intersection		30.4	C	Intersection		56.5	E				
Gold Street and Nassau Street												
Westbound	LTR	0.87	31.8	C	LTR	1.00	35.5	D	LTR	1.03	44.8	D
Northbound	L	0.05	18.8	B	L	0.07	19.4	B	L	0.07	18.7	B
	TR	0.48	25.9	C	TR	0.89	55.0	E+	TR	0.86	49.7	D
Southbound	L	0.46	28.8	C	L	0.99	90.7	F+	L	0.95	78.1	E+
	TR	0.34	25.2	C	TR	0.38	26.8	C	TR	0.37	25.9	C
	Intersection		29.0	C	Intersection		47.9	D	Intersection		48.5	D
Gold Street and Tillary Street												
Eastbound	L	0.22	10.0	B	L	0.22	10.0	A	L	0.24	14.4	B
	TR	0.92	22.9	C	TR	0.92	22.6	C	TR	0.97	29.1	C
Westbound	T	0.47	20.2	C	T	0.48	20.4	C	T	0.52	23.3	C
	R	0.24	18.1	B	R	0.50	24.1	C	R	0.55	28.5	C
Southbound	LTR	0.94	97.5	F	LTR	1.11	147.2	F+	LTR	0.96	99.6	F
	Intersection		27.5	C	Intersection		31.5	C	Intersection		32.2	C
Navy Street and Sands Street												
Eastbound	LTR	0.49	18.4	B	LTR	0.67	23.1	C	Unmitigated			
Westbound	LTR	0.60	29.2	C	LTR	1.10	108.5	F+				
Northbound	L	1.20	143.0	F	L	1.39	221.7	F+				
	TR	0.74	31.0	C	TR	0.84	36.2	D				
Southbound	LTR	0.51	25.9	C	LTR	0.61	29.5	C				
	Intersection		51.8	D	Intersection		82.1	F				
Navy Street and Nassau Street/Flushing Avenue												
Eastbound	LTR	0.54	21.0	C	LTR	1.08	75.5	E+	LTR	0.96	44.0	D
Westbound	LT	1.04	86.3	F	LT	1.38	220.1	F+	LT	1.27	170.9	F+
	R	0.59	21.9	C	R	0.70	26.4	C	R	0.64	22.1	C
Northbound	L	0.58	11.3	B	L	0.68	17.0	B	L	0.72	20.8	C
	T	0.60	18.0	B	T	0.61	18.9	B	T	0.67	23.0	C
	R	0.41	20.1	C	R	0.41	20.7	C	R	0.47	24.8	C
Southbound	L	1.17	158.5	F	L	1.30	199.1	F+	L	1.17	144.9	F
	TR	0.57	28.0	C	TR	0.75	34.0	C	TR	0.86	45.6	D
	Intersection		44.7	D	Intersection		84.2	F	Intersection		67.4	E
Navy Street and Tillary Street/Park Avenue (North)												
Westbound	LT	0.97	51.9	D	LT	0.99	57.3	E+	Unmitigated			
	R	0.52	22.0	C	R	0.59	24.4	C				
Northbound	LT	0.66	21.5	C	LT	0.76	24.8	C				
Southbound	T	0.47	18.1	B	T	0.54	18.7	B				
	R	0.47	19.7	B	R	0.78	30.0	C				
	Intersection		30.8	C	Intersection		34.2	C				
Navy Street and Tillary Street/Park Avenue (South)												
Eastbound	LTR	0.59	21.1	C	LTR	0.60	21.3	C	Unmitigated			
Northbound	TR	0.35	23.4	C	TR	0.37	23.2	C				
Southbound	L	0.79	33.3	C	L	0.96	58.0	E+				
	T	0.75	20.7	C	T	0.80	22.3	C				
	Intersection		23.0	C	Intersection		26.8	C				
Navy Street/Ashland Place and Myrtle Avenue												
Eastbound	LTR	0.79	36.2	D	LTR	0.80	37.5	D	Unmitigated			
Westbound	LTR	0.87	46.2	D	LTR	0.87	46.5	D				
Northbound	TR	1.04	100.5	F	TR	1.12	126.0	F+				
Southbound	L	1.07	108.8	F	L	1.07	106.5	F				
	TR	0.55	17.0	B	TR	0.61	17.8	B				
	Intersection		54.9	D	Intersection		60.0	E				

Notes:
L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service
+ Denotes an increase in delay that exceeds the CEQR Technical Manual significant adverse impact threshold

Table MA-T4
2033 No Action, With Action and Mitigation Conditions Level of Service Analysis
Saturday Peak Hour

Intersection	Saturday Midday											
	2033 No Action				2033 With Action				Mitigation			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections												
Jay Street (West) and Sands Street												
Eastbound	L	0.06	26.7	C	L	0.07	26.9	C	L	0.07	26.9	C
	TR	0.59	36.5	D	TR	0.69	40.6	D	TR	0.69	40.6	D
Westbound	L	0.25	31.5	C	L	0.40	37.6	D	L	0.40	37.6	D
	T	0.34	29.3	C	T	0.35	29.4	C	T	0.35	29.4	C
	R	0.04	26.1	C	R	0.04	26.2	C	R	0.04	26.2	C
Northbound	LTR	1.08	93.3	F	LTR	1.11	104.2	F+	LTR	1.07	90.4	F
	R	0.57	11.8	B	R	0.59	12.2	B	R	0.59	12.2	B
	Intersection		46.2	D	Intersection		50.1	D	Intersection		45.7	D
Flatbush Avenue and Tillary Street												
Eastbound	L	1.06	131.4	F	L	1.06	132.9	F	Unmitigated			
	T	1.11	106.4	F	T	1.11	106.4	F				
	R	0.50	31.3	C	R	0.56	34.0	C				
Westbound	L	0.73	66.6	E	L	0.74	68.9	E				
	TR	1.12	92.9	F	TR	1.19	116.3	F+				
	R	1.04	78.8	E	R	1.30	174.9	F+				
Northbound	L	1.05	119.0	F	L	1.05	119.0	F				
	T	0.65	29.4	C	T	0.66	29.8	C				
	R	1.02	76.6	E	R	1.14	117.9	F+				
Southbound	T	0.48	37.1	D	T	0.49	37.2	D				
	R	0.22	22.9	C	R	0.22	22.9	C				
	Intersection		74.1	E	Intersection		88.3	F				
Flatbush Avenue/Gold Street and Myrtle Avenue												
Eastbound	L	0.55	55.6	E	L	0.58	58.4	E	L	0.54	54.1	D
	TR	0.86	66.9	E	TR	0.88	69.8	E	TR	0.85	64.8	E
Westbound	L	0.25	41.5	D	L	0.38	47.6	D	L	0.35	45.1	D
	TR	0.84	66.0	E	TR	0.89	73.5	E+	TR	0.86	67.6	E
Northbound	TR	0.89	34.9	C	TR	0.90	35.9	D	TR	0.91	36.9	D
Southbound	L	0.64	66.1	E	L	0.64	66.1	E	L	0.64	66.1	E
	TR	0.46	13.8	B	TR	0.48	14.2	B	TR	0.49	14.5	B
	Intersection		35.0	C	Intersection		36.7	D	Intersection		36.3	D
Gold Street and Tillary Street												
Eastbound	L	0.42	16.1	B	L	0.42	16.1	B	L	0.45	23.0	C
	TR	0.93	23.1	C	TR	0.93	22.9	C	TR	0.98	30.6	C
Westbound	T	0.58	23.4	C	T	0.64	24.8	C	T	0.69	28.3	C
	R	0.44	22.5	C	R	0.63	28.1	C	R	0.68	33.2	C
Southbound	LTR	0.76	57.5	E	LTR	0.92	83.0	F+	LTR	0.80	60.2	E
	Intersection		25.3	C	Intersection		28.0	C	Intersection		31.8	C
Navy Street and Sands Street												
Eastbound	LTR	0.32	13.4	B	LTR	0.52	14.8	B	Unmitigated			
Westbound	LTR	0.37	23.0	C	LTR	0.77	38.7	D				
Northbound	L	1.06	84.2	F	L	1.28	170.8	F+				
	TR	0.57	21.8	C	TR	0.65	24.0	C				
Southbound	LTR	0.46	24.6	C	LTR	0.50	25.9	C				
	Intersection		37.9	D	Intersection		57.3	E				
Navy Street and Nassau Street/Flushing Avenue												
Eastbound	LTR	0.28	14.4	B	LTR	0.42	15.6	B	LTR	0.45	16.2	B
Westbound	LT	0.65	27.7	C	LT	0.81	37.6	D	LT	0.86	44.9	D
	R	0.42	15.5	B	R	0.46	16.2	B	R	0.46	16.2	B
Northbound	L	0.47	33.4	C	L	0.61	41.3	D	L	0.55	37.8	D
	T	0.72	30.6	C	T	0.73	31.0	C	T	0.73	29.9	C
	R	0.24	24.4	C	R	0.24	24.4	C	R	0.24	23.1	C
Southbound	L	0.76	60.9	E	L	0.93	86.5	F+	L	0.76	55.9	E
	TR	0.46	27.7	C	TR	0.71	35.8	D	TR	0.71	37.1	D
	Intersection		27.7	C	Intersection		33.8	C	Intersection		32.7	C

Notes:
L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service
+ Denotes an increase in delay that exceeds the CEQR Technical Manual significant adverse impact threshold

Pedestrian Mitigation

Table MA-P1
2033 No Action, With Action, and Mitigation Conditions Sidewalk Analysis
Weekday AM Peak Hour

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Jay Street and York Street	East sidewalk along Jay Street between York Street and York Street Subway Station	None	Unmitigated	11.6	E	9.3	F	9.3	F
Bridge Street and York Street	South sidewalk along York Street between Jay Street and Bridge Street	None	Unmitigated	49.6	C	28.8	D	28.8	D
Gold Street and Sands Street	West sidewalk along Gold Street between Sands Street and Nassau Street	None	Unmitigated	31.5	D	8.0	F	8.0	F
Gold Street and Nassau Street	West sidewalk along Gold Street between Nassau Street and Concord Street	None	Unmitigated	597.8	A	25.5	D	25.5	D
Gold Street and Concord Street	East sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	30.1	D	9.5	F	9.5	F
	West sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	68.2	C	17.0	E	17.0	E
Gold Street and Tillary Street (Eastbound)	East sidewalk along Gold Street between Tillary Street and Johnson Street	None	Unmitigated	55.0	C	29.7	D	29.7	D

Notes:
*Mitigation measure proposed to address significant adverse impact in a separate peak hour

Table MA-P2
2033 No Action, With Action, and Mitigation Conditions Sidewalk Analysis
Weekday Midday Peak Hour

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Jay Street and York Street	East sidewalk along Jay Street between York Street and York Street Subway Station	None	Unmitigated	32.3	D	24.1	D	24.1	D
Gold Street and Sands Street	West sidewalk along Gold Street between Sands Street and Nassau Street	None	Unmitigated	162.7	B	25.9	D	25.9	D
Gold Street and Concord Street	North sidewalk along Concord Street between Gold Street and Prince Street	None	Unmitigated	1485.0	A	30.4	D	30.4	D
	East sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	84.6	C	25.1	D	25.1	D

Table MA-P3
2033 No Action, With Action, and Mitigation Conditions Sidewalk Analysis
Weekday PM Peak Hour

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Jay Street and York Street	East sidewalk along Jay Street between York Street and York Street Subway Station	None	Unmitigated	9.4	F	7.9	F	7.9	F
Bridge Street and York Street	South sidewalk along York Street between Jay Street and Bridge Street	None	Unmitigated	48.5	C	27.2	D	27.2	D
Gold Street and Sands Street	West sidewalk along Gold Street between Sands Street and Nassau Street	None	Unmitigated	32.2	D	7.8	F	7.8	F
Gold Street and Nassau Street	West sidewalk along Gold Street between Nassau Street and Concord Street	None	Unmitigated	401.7	B	24.6	D	24.6	D
Gold Street and Concord Street	North sidewalk along Concord Street between Gold Street and Prince Street	None	Unmitigated	131.0	B	30.7	D	30.7	D
	East sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	33.8	D	10.3	F	10.3	F
	West sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	60.2	C	14.2	E	14.2	E
Gold Street and Tillary Street (Eastbound)	East sidewalk along Gold Street between Tillary Street and Johnson Street	None	Unmitigated	55.8	C	28.0	D	28.0	D

Table MA-P4
2033 No Action, With Action, and Mitigation Conditions Sidewalk Analysis
Saturday Peak Hour

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Jay Street and York Street	East sidewalk along Jay Street between York Street and York Street Subway Station	None	Unmitigated	15.4	E	11.2	E	11.2	E
Bridge Street and York Street	South sidewalk along York Street between Jay Street and Bridge Street	None	Unmitigated	134.6	B	31.1	D	31.1	D
Gold Street and Sands Street	West sidewalk along Gold Street between Sands Street and Nassau Street	None	Unmitigated	65.4	C	11.3	E	11.3	E
Gold Street and Concord Street	East sidewalk along Gold Street between Concord Street and Tillary Street	None	Unmitigated	83.6	C	16.4	E	16.4	E

Notes:
*Mitigation measure proposed to address significant adverse impact in a separate peak hour

Table MA-P5
2033 No Action, With Action, and Mitigation Conditions Corner Analysis
Weekday AM Peak Hour

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Tillary Street	Northwest	Shift 5 seconds from FDW to Walk for north and south crosswalks	N/A*	227.9	A	148.0	A	150.4	A
	Northeast		N/A*	427.4	A	300.4	A	301.7	A
	Southwest		N/A*	323.5	A	222.1	A	224.2	A
Flatbush Avenue Extension and Myrtle Avenue	Southeast	Shift 1 second of green time from the SB phase to the EB/WB phase	N/A**	444.5	A	393.1	A	393.3	A
Gold Street and Sands Street	Northwest	Shift 1 second from FDW to Walk for east and west crosswalks	N/A*	132.3	A	56.7	B	57.1	B
	Northeast		N/A*	167.2	A	72.1	A	72.4	A
	Southwest		N/A*	70.7	A	19.4***	D	20.0	D
	Southeast		N/A*	202.5	A	81.8	A	82.3	A
Gold Street and Tillary Street (Westbound)	Northwest	Shift 1 second of green time from EB/WB phase to the SB phase	N/A**	600.1	A	248.3	A	251.2	A
	Northeast		N/A**	65.8	A	25.7	C	28.8	C
Gold Street and Tillary Street (Eastbound)	Southwest	Shift 1 second of green time from EB/WB phase to the SB phase	N/A**	621.3	A	255.8	A	258.9	A
	Southeast		N/A**	340.0	A	175.7	A	179.2	A
Navy Street and Nassau Street/Flushing Avenue	Northwest	Shift 1 second of green time from the NB/SB T/SB R phase to the WB R/NB L/SB L phase and shift 1 second of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A**	356.2	A	207.9	A	209.9	A
	Southwest		N/A**	178.6	A	660.7	A	653.6	A

Notes:
*Mitigation measure proposed to address crosswalk impacts at the intersection
**Mitigation measure proposed to address traffic impacts at the intersection
***The SFP for the analyzed corner is 19.43

Table MA-P6
2033 No Action, With Action, and Mitigation Conditions Corner Analysis
Weekday Midday Peak Hour

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Gold Street and Tillary Street (Westbound)	Northwest	Shift 1 second of green time from EB/WB phase to the SB phase	N/A*	1846.4	A	586.2	A	586.5	A
	Northeast		N/A*	202.2	A	84.4	A	84.7	A
Gold Street and Tillary Street (Eastbound)	Southwest	Shift 1 second of green time from EB/WB phase to the SB phase	N/A*	1689.4	A	572.9	A	573.2	A
	Southeast		N/A*	895.2	A	423.6	A	424.0	A
Navy Street and Sands Street	Northwest	Shift 3 seconds of green time from the EB/WB phase to the NB/SB phase	N/A*	871.5	A	246.1	A	246.1	A
	Northeast		N/A*	2677.1	A	1043.0	A	1042.0	A
	Southwest		N/A*	850.7	A	341.4	A	342.2	A
Navy Street and Nassau Street/Flushing Avenue	Northwest	Shift 1 second of green time from the EB/WB phase to the WB R/NB L/SB L phase	N/A*	1378.0	A	446.0	A	460.9	A
	Southwest		N/A*	1953.7	A	1469.9	A	1434.6	A

Notes:
*Mitigation measure proposed to address traffic impacts at the intersection

Table MA-P7
2033 No Action, With Action, and Mitigation Conditions Corner Analysis
Weekday PM Peak Hour

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Tillary Street	Northwest	Shift 5 seconds from FDW to Walk for north and south crosswalks	N/A*	222.8	A	143.5	A	144.9	A
	Northeast		N/A*	616.5	A	357.7	A	360.3	A
	Southwest		N/A*	337.4	A	233.9	A	235.3	A
Flatbush Avenue Extension and Myrtle Avenue	Southeast	Shift 2 seconds of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A**	438.6	A	383.9	A	388.1	A
Gold Street and Sands Street	Northwest	Shift 1 second from FDW to Walk for east and west crosswalks; Shift 2 seconds from FDW to Walk for north and south crosswalks	N/A*	133.8	A	48.3	B	48.9	B
	Northeast		N/A*	155.2	A	60.1	A	60.7	A
	Southwest		Fully Mitigated	74.8	A	19.2	D	19.7	D
	Southeast		N/A*	218.2	A	77.3	A	77.8	A
Gold Street and Nassau Street	Northwest	Shift 1 second from the WB phase to the NB/SB phase	N/A**	1654.6	A	535.8	A	538.2	A
	Northeast		N/A**	260.4	A	85.6	A	87.5	A
	Southwest		N/A**	164.0	A	29.9	C	29.2	C
	Southeast		N/A**	304.6	A	52.6	B	52.1	B
Gold Street and Tillary Street (Westbound)	Northwest	Shift 4 seconds of green time from the EB/WB phase to the SB phase; Shift 8 seconds from FDW to Walk for east and west crosswalks	N/A*/**	594.5	A	227.7	A	232.0	A
	Northeast		Fully Mitigated	57.1	B	17.2	D	21.5	D
Gold Street and Tillary Street (Eastbound)	Southwest	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A**	643.9	A	242.5	A	245.7	A
	Southeast		N/A**	339.9	A	160.7	A	164.5	A
Navy Street and Nassau Street/Flushing Avenue	Northwest	Shift 1 second of green time from the NB/SB T/SB R phase to the WB R/NB L/SB L phase and shift 2 seconds of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A**	492.6	A	222.3	A	226.3	A
	Southwest		N/A**	206.2	A	571.6	A	559.0	A

Notes:
*Mitigation measure proposed to address crosswalk impacts at the intersection
**Mitigation measure proposed to address traffic impacts at the intersection

Table MA-P8
2033 No Action, With Action, and Mitigation Conditions Corner Analysis
Saturday Peak Hour

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Myrtle Avenue	Southeast	Shift 1 second of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A*	598.5	A	454.4	A	461.6	A
Gold Street and Tillary Street (Westbound)	Northwest	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	1608.5	A	430.6	A	431.8	A
	Northeast		N/A*	160.0	A	52.8	B	53.8	B
Gold Street and Tillary Street (Eastbound)	Southwest	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	1269.4	A	386.0	A	387.0	A
	Southeast		N/A*	727.8	A	275.1	A	276.4	A
Navy Street and Nassau Street/Flushing Avenue	Northwest	Shift 2 seconds of green time from the EB/WB phase to the WB R/NB L/SB L phase	N/A*	1612.0	A	261.7	A	264.5	A
	Southwest		N/A*	1253.2	A	675.8	A	667.5	A

Notes:
*Mitigation measure proposed to address traffic impacts at the intersection

Table MA-P9
2033 No Action, With Action, and Mitigation Conditions Crosswalk Analysis
Weekday AM Peak Hour

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Tillary Street	North	Shift 5 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	33.4	C	17.8	D	29.8	C
	South	Shift 5 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	24.6	C	13.1	E	20.4	D
Flatbush Avenue Extension and Myrtle Avenue	East	Shift 1 second of green time from the SB phase to the EB/WB phase	N/A***	45.7	B	37.4	C	37.6	C
Gold Street and Sands Street	East	Shift 1 second from FDW to Walk for east and west crosswalks	N/A**	71.2	A	26.5	C	28.1	C
	West	Shift 1 second from FDW to Walk for east and west crosswalks	Unmitigated*	45.1	B	17.5	D	18.7	D
Gold Street and Tillary Street (Westbound)	East	Shift 8 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	36.9	C	18.3	D	25.8	C
	West	Shift 8 seconds from FDW to Walk for east and west crosswalks	N/A**	62.2	A	20.1	D	29.1	C
Gold Street and Tillary Street (Eastbound)	East	Shift 8 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	39.3	C	19.2	D	27.6	C
	West	Shift 8 seconds from FDW to Walk for east and west crosswalks	N/A**	73.5	A	23.7	D	33.5	C
Navy Street and Nassau Street/Flushing Avenue	West	Shift 1 second of green time from the NB/SB T/SB R phase to the WB R/NB L/SB L phase and shift 2 seconds of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A***	53.0	B	35.8	C	31.4	C

Notes:
*Mitigation measures proposed would partially mitigate the impact
**Mitigation measures proposed to address separate corner or crosswalk impacts at the intersection
***Mitigation measures proposed to address traffic impacts

Table MA-P10
2033 No Action, With Action, and Mitigation Conditions Crosswalk Analysis
Weekday Midday Peak Hour

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Gold Street and Tillary Street (Westbound)	East	Shift 1 second of green time from the EB/WB phase to the SB phase	N/A*	123.0	A	50.4	B	52.5	B
	West	Shift 1 second of green time from the EB/WB phase to the SB phase	N/A*	277.9	A	54.9	B	57.3	B
Gold Street and Tillary Street (Eastbound)	East	Shift 1 second of green time from the EB/WB phase to the SB phase	N/A*	119.6	A	48.9	B	51.1	B
	West	Shift 1 second of green time from the EB/WB phase to the SB phase	N/A*	292.7	A	57.6	B	60.0	B
Navy Street and Nassau Street/Flushing Avenue	North	Shift 3 seconds of green time from the EB/WB phase to the NB/SB phase	N/A*	476.8	A	156.7	A	139.5	A
	West	Shift 3 seconds of green time from the EB/WB phase to the NB/SB phase	N/A*	387.9	A	94.7	A	106.5	A

Notes:
*Mitigation measures proposed to address traffic impacts

Table MA-P11
2033 No Action, With Action, and Mitigation Conditions Crosswalk Analysis
Weekday PM Peak Hour

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Tillary Street	North	Shift 5 seconds from FDW to Walk for north and south crosswalks	N/A**	45.4	B	21.7	D	33.8	C
	South	Shift 5 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	30.6	C	14.9	E	22.8	D
Flatbush Avenue Extension and Myrtle Avenue	East	Shift 1 second of green time from the SB phase to the EB/WB phase	N/A***	49.0	B	39.4	C	37.2	C
Gold Street and Sands Street	East	Shift 1 second from FDW to Walk for east and west crosswalks	N/A**	72.0	A	23.5	D	24.9	C
	West	Shift 1 second from FDW to Walk for east and west crosswalks	Fully Mitigated	51.0	B	17.0	D	18.0	D
Gold Street and Nassau Street	East	Shift 1 second from the WB phase to the NB/SB phase	N/A***	95.3	A	26.9	C	28.1	C
	South	Shift 1 second from the WB phase to the NB/SB phase	N/A***	131.8	A	20.8	D	19.8	D
	West	Shift 1 second from the WB phase to the NB/SB phase	N/A***	108.8	A	33.1	C	33.7	C
Gold Street and Concord Street	East	None	Unmitigated	93.6	A	19.2	D	19.2	D
Gold Street and Tillary Street (Westbound)	East	Shift 8 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	37.0	C	16.7	D	25.9	C
	West	Shift 8 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	62.5	A	18.5	D	30.2	C
Gold Street and Tillary Street (Eastbound)	East	Shift 8 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	34.9	C	15.6	D	25.4	C
	West	Shift 8 seconds from FDW to Walk for east and west crosswalks	N/A**	71.1	A	21.0	D	32.5	C
Navy Street and Nassau Street/Flushing Avenue	West	Shift 1 second of green time from the NB/SB T/SB R phase to the WB R/NB L/SB L phase and shift 2 seconds of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A***	78.9	A	36.3	C	30.4	C

Notes:
*Mitigation measures proposed would partially mitigate the impact
**Mitigation measures proposed to address separate corner or crosswalk impacts at the intersection
***Mitigation measures proposed to address traffic impacts

Table MA-P12
2033 No Action, With Action, and Mitigation Conditions Crosswalk Analysis
Saturday Peak Hour

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2033 No Action		2033 With Action		2033 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Flatbush Avenue Extension and Myrtle Avenue	East	Shift 1 second of green time from the NB/SB T/SB R phase to the EB/WB phase	N/A*	75.2	A	46.4	B	45.3	B
Gold Street and Tillary Street (Westbound)	East	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	97.9	A	33.0	C	38.5	C
	West	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	203.9	A	37.7	C	44.5	B
Gold Street and Tillary Street (Eastbound)	East	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	92.4	A	31.1	C	36.8	C
	West	Shift 4 seconds of green time from the EB/WB phase to the SB phase	N/A*	219.0	A	40.4	B	47.0	B

Notes:
*Mitigation measures proposed to address traffic impacts