

## **Appendix G: Mitigation**

**Traffic**

## Traffic Tables

Table MA-T1  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday AM Peak Hour

Intersection	Weekday AM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0.04	62.3	E	LTR	0.04	62.3	E		LTR	0.04	62.3	E		
Northbound	TR	0.86	22.4	C	TR	0.93	28.1	C		TR	0.97	36.0	D		
Southbound	L	1.37	260.5	F	L	1.62	367.1	F	+	L	1.33	239.9	F		
	TR	0.82	21.2	C	TR	0.82	21.2	C		TR	0.86	25.1	C		
	Intersection			32.7	C	Intersection			42.8	D	Intersection			42.0	D
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated					
Westbound	L	0.20	54.0	D	L	0.20	54.0	D							
	R	2.7	840.3	F	R	3.39	1148.0	F	+						
Northbound	T	0.65	13.8	B	T	0.66	14.0	B							
Southbound	TR	0.80	18.4	B	TR	0.80	18.4	B							
	Intersection			111.5	F	Intersection			174.6	F					
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.31	20.4	C	T	0.29	20.2	C		T	0.29	20.2	C		
	R	2.98	930.9	F	R	2.98	930.9	F		R	2.98	930.9	F		
Westbound	L	0.94	113.6	F	L	1.09	153.3	F	+	L	0.89	93.3	F		
	LT	0.36	13.0	B	LT	0.36	13.0	B		LT	0.34	11.8	B		
Southbound	L	0.34	24.8	C	L	0.34	24.8	C		L	0.38	27.2	C		
	T	0.78	30.2	C	T	0.79	30.3	C		T	0.84	33.9	C		
	R	0.41	28.5	C	R	0.41	28.5	C		R	0.45	31.5	C		
	Intersection			278.8	F	Intersection			280.1	F	Intersection			279.5	F
<b>Eleventh Avenue and West 34th Street</b>															
Eastbound	L	0.56	27.3	C	L	0.46	24.4	C		Unmitigated					
	T	0.59	32.9	C	T	0.55	31.7	C							
	R	1.26	177.9	F	R	0.97	83.9	F							
Westbound	L	1.14	127.3	F	L	1.14	127.2	F							
	TR	0.73	39.4	D	TR	0.82	45.8	D							
Southbound	LTR	1.13	92.2	F	LTR	1.15	98.1	F	+						
	Intersection			91.0	F	Intersection			86.9	F					
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	0.85	56.6	E	+	Unmitigated					
Westbound	L	1.23	163.0	F	L	1.04	96.0	F							
	LT	0.80	44.3	D	LT	0.95	62.3	E	+						
Southbound	TR	0.98	43.4	D	TR	1.02	54.9	D							
	Intersection			60.1	E	Intersection			60.6					E	
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	TR	0.03	28.4	C		TR	0.03	29.2	C		
Southbound	LTR	1.25	144.6	F	LTR	1.29	163.8	F	+	LTR	1.26	147.1	F		
	Intersection			144.6	F	Intersection			163.4	F	Intersection			146.7	F
<b>Eleventh Avenue and West 30th Street</b>															
Eastbound	T	0.83	40.0	D	T	1.00	68.9	E	+	Unmitigated					
	R	0.43	23.8	C	R	0.61	29.1	C							
Southbound	LT	1.07	68.2	E	LT	1.17	107.2	F	+						
	Intersection			62.4	E	Intersection			96.6	F					
<b>Eleventh Avenue and West 29th Street</b>															
Westbound	L	0.68	45.0	D	L	0.68	45.0	D		L	0.68	45.0	D		
	T	0.62	19.4	B	T	0.75	24.3	C		T	0.81	29.6	C		
Southbound	TR	1.15	102.9	F	TR	1.24	140.8	F	+	TR	1.13	93.6	F		
	Intersection			85.2	F	Intersection			113.1	F	Intersection			78.6	E
<b>Eleventh Avenue and West 24th Street</b>															
Eastbound	R	0.28	27.4	C	R	0.28	27.4	C		R	0.29	28.3	C		
Northbound	L	0.34	27.8	C	L	0.34	27.8	C		L	0.35	28.8	C		
Southbound	L	0.44	10.3	B	L	0.44	10.3	B		L	0.44	10.3	B		
	TR	1.48	255.7	F	TR	1.51	265.5	F	+	TR	1.45	240.8	F		
	R	0.32	27.8	C	R	0.32	28.0	C		R	0.31	26.7	C		
	Intersection			157.6	F	Intersection			164.2	F	Intersection			149.8	F
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.53	300.4	F	TR	1.55	308.9	F	+	TR	1.51	289.9	F		
Northbound	T	0.89	29.4	C	T	0.90	30.5	C		T	0.91	32.1	C		
Southbound	T	0.75	18.0	B	T	0.75	18.0	B		T	0.76	18.8	B		
	Intersection			85.9	F	Intersection			88.6	F	Intersection			85.2	F
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>															
Westbound	R	0.04	11.2	B	R	0.04	11.2	B		R	0.04	11.6	B		
Northbound	T	0.20	41.4	D	T	0.20	41.4	D		T	0.20	40.6	D		
	Intersection			33.7	C	Intersection			33.7	C	Intersection			33.3	C
<b>Tenth Avenue and West 35th Street</b>															
Westbound	TR	1.29	178.5	F	TR	1.31	187.5	F	+	TR	1.27	168.6	F		
Northbound	LT	0.60	20.9	C	LT	0.66	21.9	C		LT	0.68	22.9	C		
	Intersection			62.5	E	Intersection			63.6	E	Intersection			59.6	E
<b>Tenth Avenue and West 34th Street</b>															
Eastbound	LT	1.37	216.7	F	LT	1.35	207.6	F		LT	1.24	160.1	F		
Westbound	T	1.04	81.4	F	T	1.07	89.0	F	+	T	1.03	77.6	E		
	R	0.49	29.7	C	R	0.49	29.7	C		R	0.47	28.2	C		
Northbound	LTR	0.67	20.4	C	LTR	0.78	23.2	C		LTR	0.80	24.5	C		
	Intersection			66.9	E	Intersection			64.4	E	Intersection			55.7	E

Table MA-T1  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday AM Peak Hour

Intersection	Weekday AM Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Tenth Avenue and West 33rd Street</b>													
Westbound	TR	1.23	148.7	F	TR	1.27	166.6	F	+	TR	1.23	148.7	F
Northbound	LT	0.84	25.9	C	LT	0.88	28.1	C		LT	0.90	30.6	C
	Intersection			E	Intersection			E		Intersection			E
<b>Tenth Avenue and West 30th Street</b>													
Eastbound	L	0.62	34.8	C	L	1.28	181.0	F	+	Unmitigated			
	T	2.00	490.8	F	T	2.11	540.5	F	+				
Northbound	T	0.76	26.4	C	T	0.77	26.5	C					
	R	2.17	564.7	F	R	2.14	552.7	F					
	Intersection			F	Intersection			F					
<b>Tenth Avenue and West 29th Street</b>													
Westbound	T	0.98	65.8	E	T	1.11	105.4	F	+	T	0.99	62.8	E
	R	1.24	156.8	F	R	1.29	179.7	F	+	R	1.13	111.2	F
Northbound	LT	0.61	19.1	B	LT	0.62	19.3	B		LT	0.69	23.1	C
	Intersection			E	Intersection			E		Intersection			D
<b>Tenth Avenue and West 23rd Street</b>													
Eastbound	LT	0.43	21.2	C	LT	0.44	21.4	C		LT	0.41	19.5	B
Westbound	TR	1.08	100.7	F	TR	1.15	124.6	F	+	TR	1.06	91.8	F
Northbound	LTR	0.78	27.1	C	LTR	0.77	26.7	C		LTR	0.82	29.9	C
	Intersection			D	Intersection			D		Intersection			D
<b>Ninth Avenue and West 42nd Street</b>													
Eastbound	T	1.13	116.2	F	T	1.16	127.6	F	+	T	1.11	109.8	F
	R	0.26	28.5	C	R	0.26	28.5	C		R	0.25	27.4	C
Westbound	L	1.13	149.5	F	L	1.13	149.5	F		L	1.13	149.5	F
	T	0.19	14.7	B	T	0.21	14.9	B		T	0.21	14.3	B
Southbound	L	0.68	57.6	E	L	0.68	57.6	E		L	0.68	57.6	E
	TR	0.79	26.6	C	TR	0.80	27.1	C		TR	0.82	28.7	C
	Intersection			E	Intersection			E		Intersection			E
<b>Ninth Avenue and West 34th Street</b>													
Eastbound	T	1.21	143.8	F	T	1.23	148.9	F	+	T	1.19	131.8	F
	R	0.99	84.9	F	R	0.99	83.8	F		R	0.95	71.9	E
Westbound	T	0.78	32.1	C	T	0.80	33.6	C		T	0.78	31.4	C
Southbound	L	0.55	46.2	D	L	0.55	46.2	D		L	0.55	46.2	D
	TR	0.60	19.4	B	TR	0.62	19.7	B		TR	0.63	20.6	C
	Intersection			E	Intersection			E		Intersection			E
<b>Ninth Avenue and West 29th Street</b>													
Westbound	L	0.25	21.4	C	L	0.25	21.4	C		Unmitigated			
	T	1.34	195.6	F	T	1.47	248.7	F	+				
Southbound	TR	1.11	83.0	F	TR	1.13	91.2	F	+				
	Intersection			F	Intersection			F					
<b>Ninth Avenue and West 23rd Street</b>													
Eastbound	T	0.48	31.0	C	T	0.49	31.3	C		T	0.48	30.0	C
	R	0.71	46.4	D	R	0.71	46.4	D		R	0.67	42.2	D
Westbound	T	0.88	53.5	D	T	0.94	63.8	E	+	T	0.90	55.9	E
Southbound	L	0.90	76.2	E	L	0.90	76.2	E		L	0.90	76.2	E
	TR	0.65	17.2	B	TR	0.65	17.2	B		TR	0.66	18.1	B
	Intersection			C	Intersection			C		Intersection			C
<b>Eighth Avenue and West 36th Street</b>													
Eastbound	L	0.64	40.3	D	L	0.64	40.3	D		Unmitigated			
	T	1.23	150.7	F	T	1.27	163.9	F	+				
Northbound	T	0.35	13.2	B	T	0.37	13.4	B					
	R	1.10	127.6	F	R	1.08	121.5	F					
	Intersection			F	Intersection			F					
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.19	132.9	F	T	1.20	137.6	F	+	T	1.16	121.4	F
Westbound	T	0.63	30.3	C	T	0.66	31.1	C		T	0.64	29.6	C
	-	-	-	-	-	-	-	-		-	-	-	-
	R	0.46	28.7	C	R	0.46	28.7	C		R	0.44	27.3	C
Northbound	L	0.49	46.4	D	L	0.49	46.4	D		L	0.49	46.4	D
	TR	0.62	22.5	C	TR	0.64	23.0	C		TR	0.66	24.1	C
	Intersection			E	Intersection			E		Intersection			E
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.06	17.5	B	TR	0.06	17.5	B		TR	0.06	20.2	C
Northbound	L	0.90	73.8	E	L	1.17	147.7	F	+	L	0.92	69.6	E
	TR	0.44	19.3	B	TR	0.46	19.5	B		TR	0.41	16.5	B
	Intersection			C	Intersection			D		Intersection			C
<b>Eighth Avenue and West 30th Street</b>													
Eastbound	L	0.72	39.0	D	L	0.79	44.5	D		L	0.73	37.8	D
	T	1.10	93.5	F	T	1.16	116.5	F	+	T	1.11	94.1	F
Northbound	TR	0.44	17.9	B	TR	0.45	18.0	B		TR	0.47	19.5	B
	Intersection			D	Intersection			E		Intersection			D
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.07	88.0	F	TR	1.16	118.7	F	+	Unmitigated			
Northbound	L	1.07	102.4	F	L	1.12	117.5	F	+				
	T	0.28	13.9	B	T	0.29	14.0	B					
	Intersection			E	Intersection			E					

Table MA-T1  
**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Weekday AM Peak Hour**

Intersection	Weekday AM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.42	25.5	C	L	0.42	25.5	C		L	0.38	22.3	C		
	T	0.98	65.7	E	T	1.09	96.7	F	+	T	1.00	65.6	E		
Southbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	0.71	22.6	C	TR	0.73	22.9	C		TR	0.79	26.8	C		
	-	-	-	-	-	-	-	-		-	-	-	-		
	Intersection			34.5	C	Intersection			44.4	D	Intersection			37.6	D
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	1.11	111.6	F	TR	1.17	133.9	F	+	TR	1.09	101.8	F		
Southbound	L	0.55	22.7	C	L	0.55	22.7	C		L	0.59	26.3	C		
	T	0.56	16.3	B	T	0.57	16.5	B		T	0.60	18.1	B		
	Intersection			41.1	D	Intersection			47.9	D	Intersection			40.8	D
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	0.90	55.9	E	T	0.97	68.4	E	+	Unmitigated					
	R	0.36	27.6	C	R	0.36	27.6	C							
Northbound	L	0.88	51.4	D	L	0.95	65.5	E	+						
	T	0.52	16.0	B	T	0.52	16.0	B							
	Intersection			27.6	C	Intersection			32.2					C	
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	1.04	86.9	F	LT	1.09	104.2	F	+	LT	1.05	90.0	F		
Northbound	TR	0.61	17.3	B	TR	0.62	17.4	B		TR	0.63	18.3	B		
	Intersection			32.3	C	Intersection			36.8	D	Intersection			34.3	C
<b>Unsignalized Intersections</b>															
<b>Lincoln Tunnel and West 33rd Street</b>															
Southbound	R	1.57	325.5	F	R	1.67	370.0	F	+	Unmitigated					
<b>Notes:</b> L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact. <sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.															

Table MA-T2

**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Weekday Midday Peak Hour**

Intersection	Weekday Midday Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 42nd Street</b>															
Eastbound	LTR	0.04	32.1	C	LTR	0.04	32.1	C		LTR	0.04	32.9	C		
Westbound	L	0.13	33.2	C	L	0.13	33.2	C		L	0.13	34.0	C		
	R	0.70	27.0	C	R	0.70	27.0	C		R	0.71	28.3	C		
Northbound	TR	1.39	214.5	F	TR	1.41	224.8	F	+	TR	1.38	210.3	F		
Southbound	L	0.75	51.6	D	L	0.75	51.6	D		L	0.75	51.6	D		
	T	0.89	34.9	C	T	0.92	37.4	D		T	0.90	35.3	D		
Intersection			125.3	F	Intersection			131.2	F		Intersection			123.3	F
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D		
Northbound	TR	0.80	20.8	C	TR	0.88	24.0	C		TR	0.91	28.4	C		
Southbound	L	0.96	104.2	F	L	1.12	151.2	F	+	L	0.96	97.5	F		
	TR	0.63	16.7	B	TR	0.63	16.7	B		TR	0.66	18.9	B		
Intersection			23.1	C	Intersection			27.8	C		Intersection			28.5	C
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	39.2	D	LR	0.00	39.2	D		Unmitigated					
Westbound	L	0.18	42.0	D	L	0.18	42.0	D							
	R	1.68	370.4	F	R	2.25	624.0	F	+						
Northbound	T	0.63	14.9	B	T	0.65	15.2	B							
Southbound	TR	0.61	14.7	B	TR	0.61	14.7	B							
Intersection			53.0	D	Intersection			98.3	F						
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.26	19.7	B	T	0.23	19.4	B		T	0.23	19.4	B		
	R	2.66	789.9	F	R	2.66	789.9	F		R	2.66	789.9	F		
Westbound	L	1.12	156.2	F	L	1.33	231.5	F	+	L	1.08	136.4	F		
	LT	0.56	16.6	B	LT	0.56	16.6	B		LT	0.54	15.0	B		
Southbound	L	0.2	22.0	C	L	0.2	22.0	C		L	0.22	23.8	C		
	T	0.77	29.6	C	T	0.79	30.2	C		T	0.85	33.8	C		
	R	0.30	25.0	C	R	0.30	25.0	C		R	0.34	27.9	C		
Intersection			211.6	F	Intersection			214.4	F		Intersection			210.8	F
<b>Eleventh Avenue and West 38th Street</b>															
Northbound	L	0.00	10.3	B	L	0.00	10.3	B		Unmitigated					
	TR	0.33	13.2	B	TR	0.33	13.2	B							
Southbound	L	0.58	21.0	C	L	0.58	21.0	C							
	TR	1.03	51.1	D	TR	1.06	62.6	E	+						
Intersection			41.1	D	Intersection			49.6	D						
<b>Eleventh Avenue and West 37th Street</b>															
Eastbound	LR	0.00	23.5	C	LR	0.00	23.5	C		LR	0.00	26.5	C		
Westbound	L	0.51	32.4	C	L	0.62	36.3	D		L	0.74	47.1	D		
	R	0.50	33.5	C	R	0.50	33.5	C		R	0.59	41.5	D		
Northbound	T	0.17	12.5	B	T	0.17	12.5	B		T	0.15	10.4	B		
Southbound	T	1.09	73.9	E	T	1.18	111.7	F	+	T	1.09	70.0	E		
Intersection			60.7	E	Intersection			89.4	F		Intersection			59.7	E
<b>Eleventh Avenue and West 36th Street</b>															
Northbound	TR	0.28	13.1	B	TR	0.26	12.9	B		Unmitigated					
Southbound	LT	1.01	45.5	D	LT	1.05	56.9	E	+						
Intersection			40.3	D	Intersection			50.6	D						
<b>Eleventh Avenue and West 34th Street</b>															
Eastbound	L	1.26	184.5	F	L	1.08	126.0	F		Unmitigated					
	T	0.36	27.5	C	T	0.33	27.0	C							
	R	0.86	63.9	E	R	1.03	99.8	F	+						
Westbound	L	0.69	33.4	C	L	0.75	37.8	D							
	TR	0.90	55.7	E	TR	1.01	80.1	F	+						
Southbound	LTR	1.00	47.9	D	LTR	1.07	67.6	E	+						
Intersection			57.8	E	Intersection			70.9	E						
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	1.74	380.6	F	+	Unmitigated					
Westbound	L	0.76	48.9	D	L	0.89	62.9	E	+						
	LT	0.54	34.9	C	LT	0.82	44.8	D							
Southbound	TR	0.77	27.3	C	TR	1.00	48.0	D							
Intersection			30.8	C	Intersection			111.3	F						
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	TR	0.07	28.9	C		Unmitigated					
Southbound	LTR	1.03	57.5	E	LTR	1.28	158.7	F	+						
Intersection			57.5	E	Intersection			157.7	F						
<b>Eleventh Avenue and West 31st Street Extension</b>															
Eastbound	TR	0.26	21.0	C	-	-	-	-		Unmitigated					
Southbound	LTR	1.01	50.0	D	LT	1.18	112.2	F	+						
Intersection			48.6	D	Intersection			112.2	F						
<b>Eleventh Avenue and West 30th Street</b>															
Eastbound	T	0.68	30.5	C	T	0.84	41.3	D		Unmitigated					
	R	0.46	26.3	C	R	0.70	36.9	D							
Southbound	LT	0.86	29.3	C	LT	1.19	118.8	F	+						
	Intersection			29.3	C	Intersection			102.5					F	

Table MA-T2  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday Midday Peak Hour

Intersection	Weekday Midday Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Eleventh Avenue and West 24th Street</b>															
Eastbound	R	0.24	26.8	C	R	0.24	26.8	C		R	0.26	28.7	C		
Northbound	L	0.25	26.8	C	L	0.25	26.8	C		L	0.28	28.6	C		
Southbound	L	0.31	8.7	A	L	0.31	8.7	A		L	0.31	8.7	A		
	TR	1.24	149.5	F	TR	1.32	181.7	F	+	TR	1.22	141.4	F		
	R	0.25	26.5	C	R	0.33	29.5	C		R	0.29	26.8	C		
	Intersection			99.6	F	Intersection			121.8	F	Intersection			96.5	F
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.39	226.3	F	TR	1.46	256.2	F	+	TR	1.37	218.3	F		
Northbound	T	0.83	26.6	C	T	0.85	27.8	C		T	0.88	30.7	C		
Southbound	T	0.62	16.0	B	T	0.62	16.0	B		T	0.64	17.4	B		
	Intersection			71.2	E	Intersection			80.4	F	Intersection			72.7	E
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>															
Westbound	R	0.05	13.1	B	R	0.05	13.1	B		R	0.06	14.1	B		
Northbound	T	0.09	26.5	C	T	0.09	26.5	C		T	0.09	25.1	C		
	Intersection			20.9	C	Intersection			20.9	C	Intersection			20.6	C
<b>Tenth Avenue and West 35th Street</b>															
Westbound	TR	0.85	52.1	D	TR	0.92	61.8	E	+	TR	0.89	54.7	D		
Northbound	LT	0.66	20.6	C	LT	0.74	22.3	C		LT	0.76	23.4	C		
	Intersection			25.6	C	Intersection			28.5	C	Intersection			28.3	C
<b>Tenth Avenue and West 34th Street</b>															
Eastbound	LT	1.37	220.5	F	LT	1.36	215.9	F		LT	1.25	166.8	F		
Westbound	T	0.92	53.7	D	T	0.98	65.7	E	+	T	0.95	57.7	E		
	R	0.54	30.6	C	R	0.54	30.6	C		R	0.52	28.9	C		
Northbound	LTR	0.81	24.5	C	LTR	0.98	40.5	D		LTR	1.01	47.4	D		
	Intersection			57.7	E	Intersection			65.2	E	Intersection			62.4	E
<b>Tenth Avenue and West 33rd Street</b>															
Westbound	TR	0.78	37.9	D	TR	0.95	58.0	E	+	TR	0.92	51.1	D		
Northbound	LT	0.80	23.8	C	LT	0.98	38.8	D		LT	1.00	44.8	D		
	Intersection			26.6	C	Intersection			42.7	D	Intersection			46.1	D
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.67	38.1	D	L	1.50	273.8	F	+	Unmitigated					
	T	1.39	220.7	F	T	1.88	434.0	F	+						
Northbound	T	0.88	31.7	C	T	0.96	41.1	D							
	R	3.03	953.2	F	R	3.01	945.6	F							
	Intersection			257.1	F	Intersection			312.5					F	
<b>Tenth Avenue and West 29th Street</b>															
Westbound	T	0.73	34.8	C	T	0.83	41.7	D		T	0.73	31.7	C		
	R	1.10	108.6	F	R	1.30	186.1	F	+	R	1.12	108.1	F		
Northbound	LT	0.74	21.7	C	LT	0.78	22.6	C		LT	0.86	28.4	C		
	Intersection			36.6	D	Intersection			52.5	D	Intersection			42.0	D
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.30	19.3	B	LT	0.32	19.6	B		LT	0.30	18.0	B		
Westbound	TR	1.09	108.0	F	TR	1.20	145.1	F	+	TR	1.10	106.6	F		
Northbound	LTR	0.93	36.3	D	LTR	0.95	39.6	D		LTR	1.01	52.9	D		
	Intersection			47.3	D	Intersection			57.1	E	Intersection			58.7	E
<b>Ninth Avenue and West 42nd Street</b>															
Eastbound	T	1.13	116.4	F	T	1.19	137.9	F	+	T	1.14	118.9	F		
	R	0.45	33.4	C	R	0.45	33.4	C		R	0.43	31.8	C		
Westbound	L	0.97	97.5	F	L	0.97	97.5	F		L	0.97	97.5	F		
	T	0.32	16.3	B	T	0.36	16.8	B		T	0.35	16.1	B		
Southbound	L	0.65	54.9	D	L	0.65	54.9	D		L	0.65	54.9	D		
	TR	0.89	32.3	C	TR	0.92	34.9	C		TR	0.94	38.9	D		
	Intersection			53.3	D	Intersection			59.0	E	Intersection			57.2	E
<b>Ninth Avenue and West 35th Street</b>															
Westbound	LT	1.02	84.0	F	LT	1.18	135.2	F	+	LT	1.14	118.7	F		
Southbound	TR	0.56	14.0	B	TR	0.58	14.4	B		TR	0.59	15.1	B		
	Intersection			31.3	C	Intersection			46.5	D	Intersection			42.7	D
<b>Ninth Avenue and West 34th Street</b>															
Eastbound	T	0.97	66.6	E	T	1.02	80.2	F	+	T	0.99	69.7	E		
	R	0.74	46.4	D	R	0.75	47.4	D		R	0.72	43.0	D		
Westbound	T	1.01	64.5	E	T	1.05	77.3	E	+	T	1.02	68.2	E		
Southbound	L	0.78	61.6	E	L	0.78	61.6	E		L	0.78	61.6	E		
	TR	0.65	20.5	C	TR	0.69	21.4	C		TR	0.71	22.5	C		
	Intersection			44.4	D	Intersection			50.2	D	Intersection			46.3	D
<b>Ninth Avenue and West 30th Street</b>															
Eastbound	T	0.57	31.6	C	T	0.79	39.0	D		T	0.76	36.6	D		
	R	0.85	46.8	D	R	0.94	59.3	E	+	R	0.90	51.1	D		
Southbound	LTR	0.71	25.5	C	LTR	0.72	25.7	C		LTR	0.74	26.9	C		
	Intersection			31.6	C	Intersection			36.7	D	Intersection			34.9	C
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.23	21.8	C	L	0.23	21.8	C		Unmitigated					
	T	0.95	58.0	E	T	1.16	120.1	F	+						
Southbound	TR	0.87	30.9	C	TR	0.91	33.9	C							
	Intersection			37.1	D	Intersection			57.1					E	

Table MA-T2  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday Midday Peak Hour

Intersection	Weekday Midday Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Eighth Avenue and West 42nd Street</b>													
Eastbound	L	0.87	60.1	E	L	0.87	60.1	E		L	0.87	60.1	E
	T	0.40	13.4	B	T	0.43	13.8	B		T	0.41	12.5	B
Westbound	T	1.01	79.2	E	T	1.07	97.4	F	+	T	0.99	71.8	E
	-	-	-	-	-	-	-	-		-	-	-	-
	R	0.12	26.1	C	R	0.12	26.1	C		R	0.11	24.4	C
Northbound	T	0.62	26.6	C	T	0.65	27.4	C		T	0.70	29.8	C
	R	0.42	30.8	C	R	0.42	30.8	C		R	0.48	35.5	D
	Intersection			D	Intersection			D		Intersection			D
<b>Eighth Avenue and West 36th Street</b>													
Eastbound	L	0.64	41.3	D	L	0.64	41.3	D		Unmitigated			
	T	0.89	46.0	D	T	0.97	61.0	E	+				
Northbound	T	0.45	15.6	B	T	0.49	16.1	B					
	R	1.17	157.2	F	R	1.19	165.2	F	+				
	Intersection			D	Intersection			D					
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.09	95.2	F	T	1.13	111.7	F	+	T	1.07	85.9	F
Westbound	T	1.08	93.8	F	T	1.14	114.0	F	+	T	1.07	87.6	F
	-	-	-	-	-	-	-	-		-	-	-	-
	R	0.44	27.9	C	R	0.44	27.9	C		R	0.41	25.4	C
Northbound	L	0.58	50.7	D	L	0.58	50.7	D		L	0.58	50.7	D
	TR	0.55	20.9	C	TR	0.59	21.6	C		TR	0.63	23.7	C
	Intersection			E	Intersection			E		Intersection			E
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.03	17.8	B	TR	0.03	17.8	B		TR	0.04	19.8	B
Northbound	L	1.02	102.4	F	L	1.21	165.1	F	+	L	1.00	89.8	F
	TR	0.49	21.1	C	TR	0.52	21.6	C		TR	0.48	19.2	B
	Intersection			D	Intersection			E		Intersection			D
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.02	71.2	E	TR	1.21	137.7	F	+	Unmitigated			
Northbound	L	0.74	39.6	D	L	0.76	41.6	D					
	T	0.27	13.8	B	T	0.28	13.9	B					
	Intersection			D	Intersection			E					
	Intersection			D	Intersection			E					
<b>Eighth Avenue and West 23rd Street</b>													
Eastbound	T	0.85	49.9	D	T	0.88	54.2	D		T	0.82	44.9	D
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.09	110.4	F	TR	1.18	140.3	F	+	TR	1.09	105.0	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.74	56.6	E	L	0.74	56.6	E		L	0.74	56.6	E
	TR	0.47	16.6	B	TR	0.49	16.9	B		TR	0.52	18.5	B
	Intersection			D	Intersection			D		Intersection			D
<b>Seventh Avenue and West 29th Street</b>													
Westbound	L	0.45	26.2	C	L	0.45	26.2	C		L	0.41	23.9	C
	T	0.76	36.7	D	T	0.98	66.0	E	+	T	0.92	51.9	D
Southbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	0.71	22.4	C	TR	0.73	23.1	C		TR	0.77	25.6	C
	-	-	-	-	-	-	-	-		-	-	-	-
	Intersection			C	Intersection			C		Intersection			C
<b>Sixth Avenue and West 29th Street</b>													
Westbound	T	0.66	35.1	D	T	0.82	45.4	D		Unmitigated			
	R	0.33	27.0	C	R	0.33	27.0	C					
Northbound	L	1.11	117.3	F	L	1.30	187.4	F	+				
	T	0.47	17.1	B	T	0.47	17.1	B					
	Intersection			C	Intersection			D					

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.

<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

Table MA-T3

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday PM Peak Hour

Intersection	Weekday PM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 42nd Street</b>															
Eastbound	LTR	0.08	47.2	D	LTR	0.08	47.2	D		LTR	0.08	48.0	D		
Westbound	L	0.31	51.2	D	L	0.31	51.2	D		L	0.32	52.3	D		
	R	0.52	40.6	D	R	0.52	40.6	D		R	0.53	41.6	D		
Northbound	TR	1.20	127.4	F	TR	1.22	136.8	F	+	TR	1.21	129.7	F		
Southbound	L	1.18	169.3	F	L	1.18	169.3	F		L	1.18	169.3	F		
	T	1.06	65.2	E	T	1.08	73.6	E	+	T	1.07	68.6	E		
Intersection				F	Intersection				F		Intersection				F
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0	61.7	E	LTR	0.00	61.7	E		LTR	0.00	62.6	E		
Northbound	TR	1.00	39.7	D	TR	1.05	54.5	D		TR	1.05	54.5	D		
Southbound	L	1.26	218.3	F	L	1.34	249.5	F	+	L	1.27	221.0	F		
	TR	0.84	22.2	C	TR	0.84	22.2	C		TR	0.84	22.2	C		
Intersection				D	Intersection				D		Intersection				D
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated					
Westbound	L	0.14	52.9	D	L	0.14	52.9	D							
	R	2.38	693.2	F	R	2.8	881.2	F	+						
Northbound	T	0.80	17.7	B	T	0.81	18.2	B							
Southbound	TR	0.83	19.2	B	TR	0.83	19.2	B							
	Intersection				F	Intersection								F	
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.25	20.9	C	T	0.24	20.8	C		T	0.24	20.8	C		
	R	2.31	631.9	F	R	2.31	631.9	F		R	2.31	631.9	F		
Westbound	L	1.46	272.5	F	L	1.63	345.5	F	+	L	1.41	248.1	F		
	LT	0.33	11.6	B	LT	0.33	11.6	B		LT	0.32	10.5	B		
Southbound	L	0.03	21.1	C	L	0.03	21.1	C		L	0.04	22.5	C		
	T	0.59	27.0	C	T	0.62	27.6	C		T	0.67	29.8	C		
	R	0.29	26.9	C	R	0.29	26.9	C		R	0.32	29.5	C		
	Intersection				F	Intersection				F		Intersection			
<b>Eleventh Avenue and West 39th Street</b>															
Westbound	LTR	0.35	25.3	C	LTR	0.35	25.3	C		LTR	0.38	27.2	C		
Northbound	LT	0.18	12.6	B	LT	0.18	12.6	B		LT	0.17	11.5	B		
Southbound	TR	1.39	201.9	F	TR	1.45	228.1	F	+	TR	1.39	199.7	F		
Intersection				F	Intersection				F		Intersection				F
<b>Eleventh Avenue and West 38th Street</b>															
Northbound	L	0.00	10.3	B	L	0.00	10.3	B		Unmitigated					
	TR	0.21	11.9	B	TR	0.21	11.9	B							
Southbound	L	0.50	17.7	B	L	0.50	17.7	B							
	TR	1.21	123.2	F	TR	1.27	147.4	F	+						
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 37th Street</b>															
Eastbound	LR	0.00	22.8	C	LR	0.00	22.8	C		LR	0.00	24.2	C		
Westbound	L	0.33	27.4	C	L	0.46	30.1	C		L	0.50	32.8	C		
	R	0.21	25.9	C	R	0.21	25.9	C		R	0.23	27.8	C		
Northbound	T	0.10	10.9	B	T	0.10	10.9	B		T	0.09	9.9	A		
Southbound	T	1.40	204.5	F	T	1.45	229.0	F	+	T	1.39	201.6	F		
Intersection				F	Intersection				F		Intersection				F
<b>Eleventh Avenue and West 36th Street</b>															
Northbound	TR	0.24	12.7	B	TR	0.22	12.5	B		Unmitigated					
Southbound	LT	1.32	171.6	F	LT	1.38	198.2	F	+						
	Intersection				F	Intersection								F	
<b>Eleventh Avenue and West 34th Street</b>															
Eastbound	L	0.93	67.4	E	L	0.92	70.5	E		Unmitigated					
	T	0.56	31.8	C	T	0.50	30.3	C							
	R	1.01	96.4	F	R	1.47	267.9	F	+						
Westbound	L	0.87	56.2	E	L	0.97	76.5	E	+						
	TR	0.82	47.0	D	TR	0.94	63.5	E	+						
Southbound	LTR	1.12	86.4	F	LTR	1.22	127.9	F	+						
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	2.23	597.2	F	+	Unmitigated					
Westbound	L	0.85	57.0	E	L	1.00	84.6	F	+						
	LT	0.59	35.9	D	LT	1.00	71.7	E	+						
Southbound	TR	0.92	34.6	C	TR	1.29	163.4	F	+						
Intersection				D	Intersection				F						
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	TR	0.01	28.1	C		Unmitigated					
Southbound	LTR	1.05	63.6	E	LTR	1.32	176.5	F	+						
	Intersection				E	Intersection								F	
<b>Eleventh Avenue and West 31st Street Extension</b>															
Eastbound	TR	0.61	29.4	C	-	-	-	-		Unmitigated					
Southbound	LTR	1.07	67.7	E	LT	1.25	140.9	F	+						
	Intersection				E	Intersection								F	

Table MA-T3  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday PM Peak Hour

Intersection	Weekday PM Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Eleventh Avenue and West 30th Street</b>													
Eastbound	T	0.68	29.7	C	T	1.02	70.6	E	+	Unmitigated			
	R	0.48	25.5	C	R	0.70	34.3	C					
Southbound	LT	1.09	74.4	E	LT	1.52	263.4	F	+				
	Intersection			E	Intersection			F					
<b>Eleventh Avenue and West 29th Street</b>													
Westbound	L	0.79	53.0	D	L	0.79	53.0	D		L	0.79	53.0	D
	T	0.63	19.7	B	T	0.73	23.3	C		T	0.76	26.3	C
Southbound	TR	0.94	38.6	D	TR	1.07	70.0	E	+	TR	1.00	48.7	D
	Intersection			D	Intersection			E		Intersection			D
<b>Eleventh Avenue and West 24th Street</b>													
Eastbound	R	0.22	26.6	C	R	0.22	26.6	C		R	0.24	28.4	C
Northbound	L	0.42	28.9	C	L	0.42	28.9	C		L	0.46	31.0	C
Southbound	L	0.38	9.5	A	L	0.38	9.5	A		L	0.38	9.5	A
	TR	1.12	101.0	F	TR	1.21	138.1	F	+	TR	1.13	102.2	F
	R	0.41	30.9	C	R	0.41	31.1	C		R	0.38	28.3	C
	Intersection			E	Intersection			F		Intersection			E
<b>Twelfth Avenue and Eleventh Avenue</b>													
Westbound	TR	1.70	382.1	F	TR	1.81	429.1	F	+	TR	1.71	381.9	F
Northbound	T	0.94	33.5	C	T	0.96	36.8	D		T	0.98	42.2	D
Southbound	T	0.66	15.0	B	T	0.66	15.0	B		T	0.67	16.3	B
	Intersection			F	Intersection			F		Intersection			F
<b>Eleventh Avenue and West 22nd Street <sup>1</sup></b>													
Westbound	R	0.09	11.3	B	R	0.09	11.3	B		R	0.09	12.1	B
Northbound	T	0.21	42.3	D	T	0.21	42.3	D		T	0.20	40.7	D
	Intersection			C	Intersection			C		Intersection			C
<b>Tenth Avenue and West 36th Street</b>													
Eastbound	LT	0.74	31.4	C	LT	0.71	30.3	C		LT	0.82	38.7	D
Northbound	TR	1.02	48.7	D	TR	1.14	95.5	F	+	TR	1.03	51.1	D
	Intersection			D	Intersection			F		Intersection			D
<b>Tenth Avenue and West 34th Street</b>													
Eastbound	LT	1.61	320.7	F	LT	1.52	285.5	F		Unmitigated			
Westbound	T	0.83	42.3	D	T	0.90	49.9	D					
	R	1.11	109.5	F	R	1.11	109.5	F					
Northbound	LTR	0.88	26.9	C	LTR	1.06	60.4	E	+				
	Intersection			E	Intersection			F					
<b>Tenth Avenue and West 33rd Street</b>													
Westbound	TR	0.95	58.2	E	TR	1.20	136.5	F	+	Unmitigated			
Northbound	LT	0.97	37.8	D	LT	1.25	139.1	F	+				
	Intersection			D	Intersection			F					
<b>Tenth Avenue and West 30th Street</b>													
Eastbound	L	0.53	31.0	C	L	1.58	306.1	F	+	Unmitigated			
	T	1.93	455.8	F	T	2.53	725.6	F	+				
Northbound	T	0.98	44.0	D	T	1.08	75.3	E	+				
	R	1.24	177.3	F	R	1.24	177.3	F					
	Intersection			F	Intersection			F					
<b>Tenth Avenue and West 29th Street</b>													
Westbound	T	0.99	67.9	E	T	1.12	105.4	F	+	Unmitigated			
	R	1.07	94.9	F	R	1.27	171.9	F	+				
Northbound	LT	0.83	24.3	C	LT	0.87	26.1	C					
	Intersection			D	Intersection			E					
<b>Tenth Avenue and West 23rd Street</b>													
Eastbound	LT	0.34	19.9	B	LT	0.37	20.3	C		Unmitigated			
Westbound	TR	1.10	108.2	F	TR	1.23	154.3	F	+				
Northbound	LTR	1.25	144.9	F	LTR	1.29	160.1	F	+				
	Intersection			F	Intersection			F					
<b>Ninth Avenue and West 42nd Street</b>													
Eastbound	T	0.98	69.5	E	T	1.04	87.0	F	+	Unmitigated			
	R	0.41	32.8	C	R	0.41	32.8	C					
Westbound	L	0.98	101.5	F	L	0.98	101.5	F					
	T	0.36	16.8	B	T	0.40	17.4	B					
Southbound	L	0.78	67.0	E	L	0.78	67.0	E					
	TR	1.00	49.0	D	TR	1.04	59.1	E	+				
	Intersection			D	Intersection			E					
<b>Ninth Avenue and West 35th Street</b>													
Westbound	LT	0.92	59.9	E	LT	1.11	111.1	F	+	Unmitigated			
Southbound	TR	0.52	13.4	B	TR	0.55	13.9	B					
	Intersection			C	Intersection			D					
<b>Ninth Avenue and West 34th Street</b>													
Eastbound	T	0.85	43.0	D	T	0.92	51.5	D		T	0.86	42.4	D
	R	0.96	74.5	E	R	0.98	79.4	E		R	0.89	58.9	E
Westbound	T	1.03	70.1	E	T	1.08	86.7	F	+	T	1.03	67.8	E
Southbound	L	0.68	52.7	D	L	0.68	52.7	D		L	0.68	52.7	D
	TR	0.59	19.2	B	TR	0.64	20.1	C		TR	0.68	22.1	C
	Intersection			D	Intersection			D		Intersection			D

Table MA-T3

**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Weekday PM Peak Hour**

Intersection	Weekday PM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Ninth Avenue and West 33rd Street</b>															
Westbound	LT	0.94	64.7	E	LT	1.06	94.4	F	+	LT	0.96	63.8	E		
Southbound	TR	0.74	21.0	C	TR	0.83	24.6	C		TR	0.89	31.1	C		
	Intersection			C	Intersection			41.7	D		Intersection			39.1	D
<b>Ninth Avenue and West 30th Street</b>															
Eastbound	T	0.89	45.6	D	T	1.14	110.5	F	+	Unmitigated					
	R	0.99	70.4	E	R	1.12	108.4	F	+						
Southbound	LTR	0.72	23.2	C	LTR	0.73	23.4	C							
	Intersection			D	Intersection			70.2	E						
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.28	21.8	C	L	0.28	21.8	C		Unmitigated					
	T	1.27	165.1	F	T	1.52	273.9	F	+						
Southbound	TR	0.84	27.9	C	TR	0.89	30.6	C							
	Intersection			E	Intersection			109.9	F						
<b>Eighth Avenue and West 42nd Street</b>															
Eastbound	L	0.89	63.4	E	L	0.89	63.4	E		Unmitigated					
	T	0.32	12.3	B	T	0.36	12.8	B							
Westbound	T	1.06	94.7	F	T	1.13	120.0	F	+						
	-	-	-	-	-	-	-	-							
	R	0.15	26.8	C	R	0.15	26.8	C							
Northbound	T	0.66	27.4	C	T	0.70	28.5	C							
	R	1.11	171.3	F	R	1.11	171.3	F							
	Intersection			D	Intersection			55.2	E						
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.42	31.2	C	L	0.42	31.2	C		Unmitigated					
	T	1.09	94.9	F	T	1.2	135.8	F	+						
Northbound	T	0.45	14.4	B	T	0.49	15.0	B							
	R	1.31	211.9	F	R	1.38	238.8	F	+						
	Intersection			E	Intersection			85.6	F						
<b>Eighth Avenue and West 34th Street</b>															
Eastbound	T	0.96	58.5	E	T	1.01	72.3	E	+	T	0.95	55.8	E		
Westbound	T	1.15	115.7	F	T	1.21	142.5	F	+	T	1.14	111.7	F		
	-	-	-	-	-	-	-	-		-	-	-	-		
	R	0.41	27.2	C	R	0.41	27.2	C		R	0.38	24.8	C		
Northbound	L	0.67	55.7	E	L	0.67	55.7	E		L	0.67	55.7	E		
	TR	0.74	25.6	C	TR	0.79	27.6	C		TR	0.83	31.2	C		
	Intersection			E	Intersection			71.8	E		Intersection			60.5	E
<b>Eighth Avenue and West 33rd Street</b>															
Westbound	TR	0.13	18.1	B	TR	0.13	18.1	B		TR	0.14	20.2	C		
Northbound	L	1.12	131.1	F	L	1.33	211.3	F	+	L	1.11	121.5	F		
	TR	0.47	19.7	B	TR	0.51	20.1	C		TR	0.47	17.8	B		
	Intersection			D	Intersection			68.8	E		Intersection			44.4	D
<b>Eighth Avenue and West 30th Street</b>															
Eastbound	L	0.97	70.6	E	L	1.17	131.3	F	+	Unmitigated					
	T	1.02	67.0	E	T	1.24	145.7	F	+						
Northbound	TR	0.50	18.7	B	TR	0.52	19.0	B							
	Intersection			D	Intersection			80.4	F						
<b>Eighth Avenue and West 29th Street</b>															
Westbound	TR	1.38	210.1	F	TR	1.59	303.3	F	+	Unmitigated					
Northbound	L	0.97	80.9	F	L	1.00	89.4	F	+						
	T	0.32	14.2	B	T	0.34	14.4	B							
	Intersection			F	Intersection			146.6	F						
<b>Eighth Avenue and West 23rd Street</b>															
Eastbound	T	0.93	59.7	E	T	0.98	69.2	E	+	T	0.94	60.7	E		
Westbound	T	0.56	30.5	C	T	0.65	33.4	C		T	0.63	31.8	C		
	-	-	-	-	-	-	-	-		-	-	-	-		
	R	0.59	34.4	C	R	0.59	34.4	C		R	0.57	32.6	C		
Northbound	L	0.25	35.6	D	L	0.25	35.6	D		L	0.25	35.6	D		
	TR	0.53	18.1	B	TR	0.57	18.6	B		TR	0.58	19.4	B		
	Intersection			C	Intersection			32.7	C		Intersection			31.0	C
<b>Seventh Avenue and West 30th Street</b>															
Eastbound	T	0.87	44.6	D	T	0.98	61.7	E	+	Unmitigated					
	R	0.72	38.9	D	R	0.93	63.9	E	+						
Southbound	L	0.91	72.6	E	L	0.91	72.6	E							
	T	0.55	18.9	B	T	0.55	18.9	B							
	Intersection			C	Intersection			40.4	D						
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.51	28.3	C	L	0.51	28.3	C		Unmitigated					
	T	1.13	112.2	F	T	1.38	211.4	F	+						
Southbound	T	0.63	20.3	C	T	0.66	20.9	C							
	-	-	-	-	-	-	-	-							
	R	1.14	141.1	F	R	1.14	141.1	F							
	Intersection			E	Intersection			87.6	F						

Table MA-T3  
**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Weekday PM Peak Hour**

Intersection	Weekday PM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	0.85	49.1	D	TR	0.97	67.6	E	+	TR	0.90	52.8	D		
Southbound	L	0.45	19.1	B	L	0.45	19.1	B		L	0.48	21.7	C		
	T	0.57	16.3	B	T	0.60	16.7	B		T	0.62	18.3	B		
	Intersection			C	Intersection			28.0	C		Intersection			26.1	C
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	1.41	229.3	F	T	1.60	313.2	F	+	Unmitigated					
	R	0.52	33.4	C	R	0.52	33.4	C							
Northbound	L	1.15	138.6	F	L	1.43	246.2	F	+						
	T	0.54	16.1	B	T	0.54	16.1	B							
	Intersection			E	Intersection			116.5	F						
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	1.02	82.1	F	LT	1.14	119.4	F	+	LT	1.03	78.7	E		
Northbound	TR	0.67	18.4	B	TR	0.69	18.7	B		TR	0.74	21.7	C		
	Intersection			C	Intersection			39.9	D		Intersection			33.7	C
<b>Unsignalized Intersections</b>															
<b>Lincoln Tunnel and West 33rd Street</b>															
Southbound	R	0.61	74.7	F	R	0.93	153.9	F	+	Unmitigated					
<b>Notes:</b> L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact. <sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.															

Table MA-T4

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday Evening Peak Hour

Intersection	Weekday Evening Peak Hour													
	No Action				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	
<b>Signalized Intersections</b>														
<b>Twelfth Avenue and West 42nd Street</b>														
Eastbound	LTR	0.06	46.8	D	LTR	0.06	46.8	D		LTR	0.06	47.6	D	
Westbound	L	0.23	49.2	D	L	0.23	49.2	D		L	0.24	50.2	D	
	R	0.54	41.1	D	R	0.54	41.1	D		R	0.55	42.2	D	
Northbound	TR	1.11	88.1	F	TR	1.13	96.8	F	+	TR	1.11	90.4	F	
Southbound	L	0.80	80.2	F	L	0.80	80.2	F		L	0.80	80.2	F	
	T	0.69	20.4	C	T	0.71	21.0	C		T	0.70	20.2	C	
Intersection			63.7	E	Intersection			68.7	E	Intersection			64.9	E
<b>Twelfth Avenue and West 30th Street</b>														
Eastbound	LTR	0.00	61.7	E	LTR	0.00	61.7	E		LTR	0.00	61.7	E	
Northbound	TR	0.92	26.9	C	TR	0.96	31.6	C		TR	0.98	36.5	D	
Southbound	L	0.95	118.0	F	L	1.03	138.3	F	+	L	0.93	109.8	F	
	TR	0.56	14.0	B	TR	0.56	14.0	B		TR	0.57	15.2	B	
Intersection			25.9	C	Intersection			30.0	C	Intersection			32.6	C
<b>Twelfth Avenue and West 29th Street</b>														
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated				
Westbound	L	0.14	53.0	D	L	0.14	53.0	D						
	R	1.56	333.1	F	R	1.9	481.1	F	+					
Northbound	T	0.78	16.8	B	T	0.79	17.1	B						
Southbound	TR	0.55	12.1	B	TR	0.55	12.1	B						
	Intersection			40.8	D	Intersection			59.7					E
<b>Eleventh Avenue and West 42nd Street</b>														
Eastbound	T	0.40	23.2	C	T	0.40	23.2	C		T	0.40	23.2	C	
	R	1.73	375.9	F	R	1.73	375.9	F		R	1.73	375.9	F	
Westbound	L	0.72	57.4	E	L	0.88	77.4	E	+	L	0.76	57.3	E	
	LT	0.34	11.7	B	LT	0.34	11.7	B		LT	0.33	10.6	B	
Southbound	L	0.2	23.3	C	L	0.2	23.3	C		L	0.22	25.1	C	
	T	0.85	33.6	C	T	0.87	34.7	C		T	0.93	41.5	D	
	R	0.38	28.2	C	R	0.38	28.2	C		R	0.43	32.0	C	
	Intersection			85.6	F	Intersection			86.4	F	Intersection			89.0
<b>Eleventh Avenue and West 34th Street</b>														
Eastbound	L	0.40	20.0	B	L	0.39	20.6	C		Unmitigated				
	T	0.41	28.5	C	T	0.38	27.9	C						
Westbound	R	0.70	43.9	D	R	1.09	114.0	F	+					
	L	0.71	34.9	C	L	0.79	41.9	D						
Southbound	TR	0.60	33.3	C	TR	0.70	37.7	D						
	LTR	0.84	26.8	C	LTR	0.91	31.9	C						
Intersection			29.1	C	Intersection			40.6	D					
<b>Eleventh Avenue and West 33rd Street</b>														
Eastbound	-	-	-	-	R	2.14	556.0	F	+	Unmitigated				
Westbound	L	0.78	50.7	D	L	0.96	75.9	E	+					
	LT	0.52	34.5	C	LT	0.92	54.7	D						
Southbound	TR	0.72	25.9	C	TR	0.98	43.2	D						
Intersection			30.1	C	Intersection			155.4	F					
<b>Eleventh Avenue and West 32nd Street Extension</b>														
Eastbound	TR	0.00	28.0	C	TR	0.00	28.0	C		TR	0.00	31.7	C	
Southbound	LTR	0.90	33.0	C	LTR	1.17	111.7	F	+	LTR	1.04	54.4	D	
	Intersection			33.0	C	Intersection			111.6	F	Intersection			54.4
<b>Eleventh Avenue and West 31st Street Extension</b>														
Eastbound	TR	0.33	22.3	C	-	-	-	-		Unmitigated				
Southbound	LTR	0.90	31.9	C	LT	1.11	83.8	F	+					
	Intersection			31.3	C	Intersection			83.8					F
<b>Eleventh Avenue and West 30th Street</b>														
Eastbound	T	0.52	24.5	C	T	0.65	28.4	C		T	0.71	33.4	C	
	R	0.18	19.0	B	R	0.29	20.8	C		R	0.33	23.7	C	
Southbound	LT	0.74	23.9	C	LT	1.12	86.0	F	+	LT	1.03	50.5	D	
	Intersection			23.8	C	Intersection			76.7	E	Intersection			47.4
<b>Eleventh Avenue and West 24th Street</b>														
Eastbound	R	0.15	25.8	C	R	0.15	25.8	C		R	0.17	27.5	C	
Northbound	L	0.31	27.5	C	L	0.31	27.5	C		L	0.34	29.3	C	
Southbound	L	0.27	8.3	A	L	0.27	8.3	A		L	0.27	8.3	A	
	TR	1.08	86.8	F	TR	1.17	118.7	F	+	TR	1.09	85.7	F	
	R	0.43	29.8	C	R	0.44	30.3	C		R	0.40	27.5	C	
	Intersection			59.0	E	Intersection			79.4	E	Intersection			59.7
<b>Twelfth Avenue and Eleventh Avenue</b>														
Westbound	TR	1.41	253.5	F	TR	1.50	289.4	F	+	TR	1.41	250.6	F	
Northbound	T	0.90	29.4	C	T	0.92	30.8	C		T	0.94	34.3	C	
Southbound	T	0.50	12.3	B	T	0.50	12.3	B		T	0.51	13.3	B	
	Intersection			68.8	E	Intersection			78.6	E	Intersection			72.6
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>														
Westbound	R	0.05	10.9	B	R	0.05	10.9	B		R	0.05	11.7	B	
Northbound	T	0.18	41.7	D	T	0.18	41.7	D		T	0.17	40.1	D	
	Intersection			32.7	C	Intersection			32.7	C	Intersection			31.8
<b>Tenth Avenue and West 33rd Street</b>														
Westbound	TR	0.77	37.0	D	TR	1.01	69.2	E	+	Unmitigated				
Northbound	LT	0.78	22.9	C	LT	1.01	45.6	D						
	Intersection			25.6	C	Intersection			50.4					D

Table MA-T4  
2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Weekday Evening Peak Hour

Intersection	Weekday Evening Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.61	32.9	C	L	1.43	237.6	F	+	Unmitigated					
	T	1.09	100.5	F	T	1.80	399.1	F	+						
Northbound	T	0.80	27.4	C	T	0.92	34.5	C							
	R	1.87	427.5	F	R	1.88	433.0	F	+						
	Intersection			F	Intersection			213.6	F						
<b>Tenth Avenue and West 29th Street</b>															
Westbound	T	0.81	40.6	D	T	0.87	46.7	D		T	0.77	34.1	C		
	R	0.84	45.7	D	R	1.05	89.6	F	+	R	0.92	52.3	D		
Northbound	LT	0.66	20.0	B	LT	0.70	20.8	C		LT	0.78	25.1	C		
	Intersection			C	Intersection			36.2	D		Intersection			31.0	C
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.28	19.0	B	LT	0.31	19.4	B		Unmitigated					
Westbound	TR	1.10	109.4	F	TR	1.21	152.3	F	+						
Northbound	LTR	1.04	58.8	E	LTR	1.07	72.1	E	+						
	Intersection			E	Intersection			79.9	E						
<b>Ninth Avenue and West 35th Street</b>															
Westbound	LT	0.98	70.3	E	LT	1.15	121.2	F	+	LT	1.00	69.8	E		
Southbound	TR	0.48	12.9	B	TR	0.51	13.3	B		TR	0.56	16.2	B		
	Intersection			C	Intersection			44.9	D		Intersection			31.9	C
<b>Ninth Avenue and West 33rd Street</b>															
Westbound	LT	0.80	44.9	D	LT	0.92	59.9	E	+	LT	0.89	53.4	D		
Southbound	TR	0.68	19.3	B	TR	0.76	21.4	C		TR	0.78	22.7	C		
	Intersection			C	Intersection			29.6	C		Intersection			29.2	C
<b>Ninth Avenue and West 30th Street</b>															
Eastbound	T	0.43	28.4	C	T	0.68	33.6	C		T	0.66	32.1	C		
	R	0.81	42.2	D	R	0.94	57.8	E	+	R	0.90	50.2	D		
Southbound	LTR	0.71	22.9	C	LTR	0.72	22.9	C		LTR	0.74	24.1	C		
	Intersection			C	Intersection			33.3	C		Intersection			31.8	C
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.24	21.0	C	L	0.24	21.0	C		Unmitigated					
	T	1.01	71.0	E	T	1.21	140.9	F	+						
Southbound	TR	0.84	27.5	C	TR	0.88	30.0	C							
	Intersection			D	Intersection			61.0	E						
<b>Ninth Avenue and West 23rd Street</b>															
Eastbound	T	0.50	31.3	C	T	0.55	32.5	C		T	0.53	31.1	C		
	R	0.44	32.8	C	R	0.44	32.8	C		R	0.43	31.3	C		
Westbound	T	0.79	45.4	D	T	0.89	56.8	E	+	T	0.86	51.1	D		
Southbound	L	0.99	94.9	F	L	0.99	94.9	F		L	0.99	94.9	F		
	TR	0.53	15.1	B	TR	0.56	15.6	B		TR	0.57	16.3	B		
	Intersection			C	Intersection			33.1	C		Intersection			32.4	C
<b>Eighth Avenue and West 42nd Street</b>															
Eastbound	L	0.77	49.3	D	L	0.77	49.3	D		Unmitigated					
	T	0.39	13.3	B	T	0.42	13.8	B							
Westbound	-	-	-	-	-	-	-	-							
	TR	1.13	120.8	F	TR	1.19	143.1	F	+						
	-	-	-	-	-	-	-	-							
Northbound	T	0.64	27.1	C	T	0.69	28.1	C							
	R	1.10	171.5	F	R	1.10	171.5	F							
	Intersection			D	Intersection			58.1	E						
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.41	29.6	C	L	0.41	29.6	C		Unmitigated					
	T	1.13	108.5	F	T	1.24	151.2	F	+						
Northbound	T	0.44	14.3	B	T	0.48	14.8	B							
	R	1.22	162.8	F	R	1.26	179.2	F	+						
	Intersection			E	Intersection			89.2	F						
<b>Eighth Avenue and West 34th Street</b>															
Eastbound	T	1.03	78.7	E	T	1.09	99.1	F	+	T	1.03	76.5	E		
Westbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	1.19	135.8	F	TR	1.25	161.6	F	+	TR	1.18	129.8	F		
	-	-	-	-	-	-	-	-		-	-	-	-		
Northbound	L	0.47	44.9	D	L	0.47	44.9	D		L	0.47	44.9	D		
	TR	0.70	24.3	C	TR	0.75	25.8	C		TR	0.79	28.9	C		
	Intersection			E	Intersection			80.1	F		Intersection			67.6	E
<b>Eighth Avenue and West 33rd Street</b>															
Westbound	TR	0.08	17.7	B	TR	0.08	17.7	B		TR	0.09	19.7	B		
Northbound	L	1.09	121.1	F	L	1.29	195.3	F	+	L	1.08	109.8	F		
	TR	0.48	19.8	B	TR	0.52	20.3	C		TR	0.48	17.9	B		
	Intersection			D	Intersection			64.5	E		Intersection			41.2	D
<b>Eighth Avenue and West 29th Street</b>															
Westbound	TR	1.20	133.2	F	TR	1.40	216.4	F	+	Unmitigated					
Northbound	L	0.72	38.4	D	L	0.74	39.7	D							
	T	0.32	14.3	B	T	0.34	14.5	B							
	Intersection			E	Intersection			98.8	F						

Table MA-T4  
**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Weekday Evening Peak Hour**

Intersection	Weekday Evening Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Eighth Avenue and West 23rd Street</b>															
Eastbound	T	0.98	69.8	E	T	1.02	80.8	F	+	T	0.95	61.7	E		
Westbound	-	-	-	-	-	-	-	-	-	-	-	-	-		
	TR	1.09	105.3	F	TR	1.17	133.9	F	+	TR	1.09	103.5	F		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
Northbound	L	0.05	32.0	C	L	0.05	32.0	C		L	0.05	32.0	C		
	TR	0.51	17.8	B	TR	0.54	18.2	B		TR	0.57	19.9	B		
	Intersection			48.5	D	Intersection			57.8	E	Intersection			47.7	D
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.36	24.0	C	L	0.36	24.0	C		Unmitigated					
	T	1.00	68.1	E	T	1.22	146.8	F	+						
Southbound	-	-	-	-	-	-	-	-	-						
	TR	0.77	24.1	C	TR	0.80	25.2	C							
	-	-	-	-	-	-	-	-	-						
	Intersection			35.3	D	Intersection			60.3					E	
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	1.09	101.5	F	T	1.25	160.3	F	+	Unmitigated					
	R	0.36	27.3	C	R	0.36	27.3	C							
Northbound	L	0.73	34.7	C	L	0.93	62.7	E	+						
	T	0.47	15.3	B	T	0.47	15.3	B							
	Intersection			37.6	D	Intersection			57.2					E	
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	1.00	73.7	E	LT	1.12	108.8	F	+	LT	1.00	68.6	E		
Northbound	TR	0.61	17.2	B	TR	0.62	17.5	B		TR	0.67	20.1	C		
	Intersection			30.0	C	Intersection			39.6	D	Intersection			31.9	C
<b>Sixth Avenue and West 23rd Street</b>															
Eastbound	T	0.99	62.2	E	T	1.02	72.0	E	+	Unmitigated					
Westbound	-	-	-	-	-	-	-	-	-						
	TR	0.62	27.8	C	TR	0.70	31.1	C							
	-	-	-	-	-	-	-	-	-						
Northbound	L	0.34	21.2	C	L	0.34	21.2	C							
	T	0.44	14.9	B	T	0.45	15.1	B							
	R	0.94	73.1	E	R	0.94	73.1	E							
<b>Notes:</b> L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact. <sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.															

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Saturday Midday/Afternoon Peak Hour

Intersection	Saturday Midday/Afternoon Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Twelfth Avenue and West 54th Street</b>													
Northbound	TR	1.05	56.5	E	TR	1.07	64.7	E	+	TR	1.06	58.4	E
Southbound	L	0.33	33.2	C	L	0.33	33.2	C		L	0.34	34.1	C
	T	0.75	19.2	B	T	0.76	19.6	B		T	0.75	18.7	B
	Intersection		38.5	D	Intersection		42.9	D		Intersection		39.3	D
<b>Twelfth Avenue and West 42nd Street</b>													
Eastbound	LTR	0.06	32.5	C	LTR	0.06	32.5	C		LTR	0.07	33.3	C
Westbound	L	0.23	34.7	C	L	0.23	34.7	C		L	0.24	35.6	D
	R	0.57	22.5	C	R	0.57	22.5	C		R	0.58	23.4	C
Northbound	TR	1.23	144.6	F	TR	1.26	157.1	F	+	TR	1.23	145.2	F
Southbound	L	0.82	56.2	E	L	0.82	56.2	E		L	0.82	56.2	E
	T	1.02	56.8	E	T	1.05	66.0	E	+	T	1.03	59.4	E
	Intersection		97.3	F	Intersection		106.8	F		Intersection		98.7	F
<b>Twelfth Avenue and West 30th Street</b>													
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D
Northbound	TR	0.83	21.8	C	TR	0.88	23.8	C		TR	0.89	25.1	C
Southbound	L	1.22	186.5	F	L	1.26	201.1	F	+	L	1.19	173.2	F
	TR	0.79	20.8	C	TR	0.79	20.8	C		TR	0.81	21.8	C
	Intersection		29.6	C	Intersection		31.5	C		Intersection		31.2	C
<b>Twelfth Avenue and West 29th Street</b>													
Eastbound	LR	0.00	39.2	D	LR	0.00	39.2	D		LR	0.00	36.0	D
Westbound	L	0.11	41.1	D	L	0.11	41.1	D		L	0.09	37.5	D
	R	1.94	485.5	F	R	2.25	623.7	F	+	R	1.91	469.1	F
Northbound	T	0.66	15.3	B	T	0.67	15.6	B		T	0.71	18.6	B
Southbound	TR	0.77	18.3	B	TR	0.77	18.3	B		TR	0.81	22.1	C
	Intersection		67.1	E	Intersection		90.5	F		Intersection		74.6	E
<b>Eleventh Avenue and West 42nd Street</b>													
Eastbound	T	0.27	19.8	B	T	0.27	19.8	B		T	0.27	19.8	B
	R	1.93	461.8	F	R	1.93	461.8	F		R	1.93	461.8	F
Westbound	L	1.03	126.4	F	L	1.30	218.8	F	+	L	1.06	126.9	F
	LT	0.49	15.1	B	LT	0.49	15.1	B		LT	0.47	13.6	B
Southbound	L	0.18	21.6	C	L	0.18	21.6	C		L	0.2	23.3	C
	T	0.81	30.7	C	T	0.83	31.5	C		T	0.89	36.0	D
	R	0.44	27.8	C	R	0.44	27.8	C		R	0.49	31.3	C
	Intersection		120.9	F	Intersection		125.3	F		Intersection		122.6	F
<b>Eleventh Avenue and West 39th Street</b>													
Westbound	LTR	0.32	25.5	C	LTR	0.32	25.5	C		LTR	0.34	27.3	C
Northbound	LT	0.12	13.2	B	LT	0.12	13.2	B		LT	0.12	12.1	B
Southbound	TR	1.24	137.5	F	TR	1.29	159.1	F	+	TR	1.23	132.8	F
	Intersection		117.3	F	Intersection		135.9	F		Intersection		114.1	F
<b>Eleventh Avenue and West 38th Street</b>													
Northbound	L	0.31	22.2	C	L	0.31	22.2	C		Unmitigated			
	TR	0.16	11.4	B	TR	0.16	11.4	B					
Southbound	L	0.49	17.3	B	L	0.49	17.3	B					
	TR	1.11	79.5	E	TR	1.15	98.5	F	+				
	Intersection		65.3	E	Intersection		80.7	F					
<b>Eleventh Avenue and West 37th Street</b>													
Eastbound	LR	0.00	23.5	C	LR	0.00	23.5	C		LR	0.00	24.9	C
Westbound	L	0.55	33.6	C	L	0.69	39.4	D		L	0.75	45.5	D
	R	0.27	27.5	C	R	0.27	27.5	C		R	0.29	29.5	C
Northbound	T	0.08	11.8	B	T	0.08	11.8	B		T	0.07	10.8	B
Southbound	T	1.16	102.7	F	T	1.21	122.8	F	+	T	1.16	99.9	F
	Intersection		87.6	F	Intersection		103.4	F		Intersection		85.9	F
<b>Eleventh Avenue and West 36th Street</b>													
Northbound	TR	0.15	11.9	B	TR	0.13	11.7	B		Unmitigated			
Southbound	LT	1.04	55.2	E	LT	1.10	75.1	E	+				
	Intersection		50.9	D	Intersection		69.7	E					
<b>Eleventh Avenue and West 34th Street</b>													
Eastbound	L	0.60	28.4	C	L	0.54	26.6	C		Unmitigated			
	T	0.45	29.3	C	T	0.42	28.6	C					
	R	1.09	119.5	F	R	1.59	316.6	F	+				
Westbound	L	0.87	54.5	D	L	0.96	71.1	E	+				
	TR	0.68	36.5	D	TR	0.75	39.8	D					
Southbound	LTR	0.97	39.6	D	LTR	1.05	61.8	E	+				
	Intersection		45.7	D	Intersection		85.2	F					
<b>Eleventh Avenue and West 33rd Street</b>													
Eastbound	-	-	-	-	R	2.37	662.9	F	+	Unmitigated			
Westbound	L	0.77	49.7	D	L	0.99	82.3	F	+				
	LT	0.49	33.9	C	LT	0.98	65.4	E	+				
Southbound	TR	0.83	28.9	C	TR	1.12	91.4	F	+				
	Intersection		31.7	C	Intersection		207.2	F					
<b>Eleventh Avenue and West 32nd Street Extension</b>													
Eastbound	TR	0.00	28.0	C	TR	0.04	28.5	C		Unmitigated			
Southbound	LTR	1.09	75.6	E	LTR	1.40	210.4	F	+				
	Intersection		75.6	E	Intersection		209.7	F					
<b>Eleventh Avenue and West 31st Street Extension</b>													
Eastbound	TR	0.33	22.4	C	-	-	-	-		Unmitigated			
Southbound	LTR	1.11	83.3	F	LT	1.33	180.8	F	+				
	Intersection		80.3	F	Intersection		180.8	F					

Table MA-T5

**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Saturday Midday/Afternoon Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Eleventh Avenue and West 30th Street</b>															
Eastbound	T	0.65	29.4	C	T	0.73	32.6	C		Unmitigated					
	R	0.44	25.0	C	R	0.50	26.7	C							
Southbound	LT	0.95	36.7	D	LT	1.41	216.3	F	+						
	Intersection			D	Intersection			186.8	F						
<b>Eleventh Avenue and West 29th Street</b>															
Westbound	L	0.67	42.4	D	L	0.67	42.4	D		L	0.67	42.4	D		
	T	0.53	16.9	B	T	0.57	17.7	B		T	0.59	19.6	B		
Southbound	TR	0.94	38.3	D	TR	1.07	71.1	E	+	TR	1.01	49.2	D		
	Intersection			D	Intersection			60.1	E		Intersection			43.8	D
<b>Eleventh Avenue and West 24th Street</b>															
Eastbound	R	0.26	27.0	C	R	0.26	27.0	C		R	0.28	28.9	C		
Northbound	L	0.27	26.9	C	L	0.27	26.9	C		L	0.30	28.7	C		
Southbound	L	0.47	10.6	B	L	0.47	10.6	B		L	0.47	10.6	B		
	TR	1.23	143.5	F	TR	1.31	177.3	F	+	TR	1.22	137.4	F		
	R	0.49	33.7	C	R	0.51	35.3	D		R	0.47	31.6	C		
	Intersection			F	Intersection			108.2	F		Intersection			85.9	F
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.41	235.2	F	TR	1.48	266.9	F	+	TR	1.40	228.6	F		
Northbound	T	0.81	25.4	C	T	0.83	26.4	C		T	0.86	28.9	C		
Southbound	T	0.54	14.4	B	T	0.54	14.4	B		T	0.55	15.7	B		
	Intersection			E	Intersection			86.6	F		Intersection			77.8	E
<b>Eleventh Avenue and West 22nd Street <sup>1</sup></b>															
Westbound	R	0.06	13.2	B	R	0.06	13.2	B		R	0.06	13.2	B		
Northbound	T	0.14	27.2	C	T	0.14	27.2	C		T	0.14	27.2	C		
	Intersection			C	Intersection			22.7	C		Intersection			22.7	C
<b>Tenth Avenue and West 35th Street</b>															
Westbound	TR	0.82	47.6	D	TR	0.89	56.1	E	+	TR	0.86	50.1	D		
Northbound	LT	0.70	21.3	C	LT	0.79	23.6	C		LT	0.81	24.9	C		
	Intersection			C	Intersection			28.2	C		Intersection			28.5	C
<b>Tenth Avenue and West 34th Street</b>															
Eastbound	LT	1.07	100.7	F	LT	1.10	113.6	F	+	LT	1.02	85.4	F		
Westbound	T	0.74	35.1	D	T	0.80	39.0	D		T	0.78	36.4	D		
	R	0.44	26.5	C	R	0.44	26.5	C		R	0.42	25.4	C		
Northbound	LTR	0.80	23.4	C	LTR	0.95	33.9	C		LTR	0.98	38.6	D		
	Intersection			C	Intersection			42.4	D		Intersection			42.4	D
<b>Tenth Avenue and West 33rd Street</b>															
Westbound	TR	0.69	32.5	C	TR	0.92	50.9	D		Unmitigated					
Northbound	LT	0.83	24.6	C	LT	1.10	76.2	E	+						
	Intersection			C	Intersection			71.6	E						
<b>Tenth Avenue and West 31st Street</b>															
Eastbound	L	0.58	32.7	C	L	1.40	227.7	F	+	Unmitigated					
	T	1.62	320.0	F	T	2.30	622.5	F	+						
Northbound	T	0.88	31.6	C	T	1.01	51.5	D							
	R	1.19	154.5	F	R	1.19	154.5	F							
	Intersection			F	Intersection			234.5	F						
<b>Tenth Avenue and West 29th Street</b>															
Westbound	T	0.77	36.5	D	T	0.82	39.9	D		Unmitigated					
	R	1.10	108.2	F	R	1.35	204.5	F	+						
Northbound	LT	0.80	23.5	C	LT	0.85	25.1	C							
	Intersection			D	Intersection			57.3	E						
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.42	20.8	C	LT	0.45	21.4	C		Unmitigated					
Westbound	TR	1.14	127.6	F	TR	1.31	194.6	F	+						
Northbound	LTR	1.00	48.1	D	LTR	1.04	58.7	E	+						
	Intersection			E	Intersection			73.7	E						
<b>Ninth Avenue and West 42nd Street</b>															
Eastbound	T	0.88	52.2	D	T	0.96	65.1	E	+	T	0.89	50.7	D		
	R	0.47	33.6	C	R	0.47	33.6	C		R	0.43	30.5	C		
Westbound	L	0.70	57.0	E	L	0.70	57.0	E		L	0.70	57.0	E		
	T	0.27	15.6	B	T	0.32	16.2	B		T	0.31	14.8	B		
Southbound	L	0.80	68.4	E	L	0.80	68.4	E		L	0.80	68.4	E		
	TR	0.82	27.6	C	TR	0.85	29.2	C		TR	0.90	33.9	C		
	Intersection			D	Intersection			38.2	D		Intersection			38.1	D
<b>Ninth Avenue and West 35th Street</b>															
Westbound	LT	1.07	93.7	F	LT	1.23	154.8	F	+	LT	1.08	94.3	F		
Southbound	TR	0.60	14.7	B	TR	0.63	15.2	B		TR	0.69	18.6	B		
	Intersection			C	Intersection			52.6	D		Intersection			38.9	D
<b>Ninth Avenue and West 34th Street</b>															
Eastbound	T	0.93	57.7	E	T	1.00	73.3	E	+	T	0.94	56.2	E		
	R	0.72	43.0	D	R	0.66	38.1	D		R	0.60	33.5	C		
Westbound	T	0.98	56.8	E	T	1.03	70.7	E	+	T	0.98	55.4	E		
Southbound	L	0.51	44.0	D	L	0.51	44.0	D		L	0.51	44.0	D		
	TR	0.69	21.2	C	TR	0.74	22.3	C		TR	0.78	24.8	C		
	Intersection			D	Intersection			44.6	D		Intersection			38.9	D

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Saturday Middy/Afternoon Peak Hour

Intersection	Saturday Middy/Afternoon Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Ninth Avenue and West 33rd Street</b>															
Westbound	LT	0.79	45.0	D	LT	0.95	67.7	E	+	LT	0.88	52.7	D		
Southbound	TR	0.74	21.9	C	TR	0.83	25.4	C		TR	0.88	29.3	C		
	Intersection			26.0	C	Intersection			33.8	C	Intersection			33.9	C
<b>Ninth Avenue and West 30th Street</b>															
Eastbound	T	0.66	33.9	C	T	0.91	48.9	D		T	0.81	37.3	D		
	R	1.13	116.0	F	R	1.29	177.4	F	+	R	1.11	101.8	F		
Southbound	LTR	0.82	29.2	C	LTR	0.83	29.3	C		LTR	0.91	36.9	D		
	Intersection			50.4	D	Intersection			69.6	E	Intersection			52.4	D
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.26	22.1	C	L	0.26	22.1	C		Unmitigated					
	T	1.28	171.4	F	T	1.53	277.2	F	+						
Southbound	TR	0.93	35.0	D	TR	0.97	41.4	D							
	Intersection			72.7	E	Intersection			113.2					F	
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.81	51.5	D	L	0.81	51.5	D		Unmitigated					
	T	1.23	146.6	F	T	1.33	188.5	F	+						
Northbound	T	0.50	16.2	B	T	0.54	17.0	B							
	R	1.15	139.6	F	R	1.18	149.7	F	+						
	Intersection			82.8	F	Intersection			99.5	F					
<b>Eighth Avenue and West 33rd Street</b>															
Westbound	TR	0.02	17.6	B	TR	0.02	17.6	B		TR	0.02	19.5	B		
Northbound	L	1.10	125.0	F	L	1.36	225.2	F	+	L	1.12	125.5	F		
	TR	0.52	21.6	C	TR	0.56	22.3	C		TR	0.52	19.7	B		
	Intersection			44.2	D	Intersection			71.8	E	Intersection			45.5	D
<b>Eighth Avenue and West 30th Street</b>															
Eastbound	L	0.80	43.7	D	L	1.00	76.4	E	+	Unmitigated					
	T	0.90	41.9	D	T	1.13	102.6	F	+						
Northbound	TR	0.49	18.5	B	TR	0.51	18.8	B							
	Intersection			29.2	C	Intersection			55.3					E	
<b>Eighth Avenue and West 29th Street</b>															
Westbound															
Northbound	L	1.08	109.8	F	L	1.10	115.2	F	+	Unmitigated					
	T	0.40	15.1	B	T	0.43	15.3	B							
	Intersection			48.4	D	Intersection			78.2					E	
<b>Eighth Avenue and West 23rd Street</b>															
Eastbound	T	0.99	73.3	E	T	1.04	87.2	F	+	T	0.97	66.5	E		
Westbound	-	-	-	-	-	-	-	-	-	-	-	-	-		
	TR	1.11	113.5	F	TR	1.20	147.9	F	+	TR	1.12	113.8	F		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
Northbound	L	0.26	35.5	D	L	0.26	35.5	D		L	0.26	35.5	D		
	TR	0.53	17.4	B	TR	0.56	17.9	B		TR	0.59	19.5	B		
	Intersection			48.1	D	Intersection			58.7	E	Intersection			48.5	D
<b>Seventh Avenue and West 30th Street</b>															
Eastbound	T	0.88	45.2	D	T	1.00	68.6	E	+	T	0.95	53.5	D		
	R	0.58	30.1	C	R	0.76	39.7	D		R	0.71	34.1	C		
Southbound	L	0.55	27.6	C	L	0.55	27.6	C		L	0.60	32.3	C		
	T	0.49	18.0	B	T	0.49	18.0	B		T	0.51	19.6	B		
	Intersection			27.6	C	Intersection			36.6	D	Intersection			32.5	C
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.41	25.1	C	L	0.41	25.1	C		Unmitigated					
	T	0.94	55.7	E	T	1.19	133.2	F	+						
Southbound	-	-	-	-	-	-	-	-	-						
	TR	0.68	21.6	C	TR	0.71	22.4	C							
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Intersection			31.1	C	Intersection			56.7	E					
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	1.01	80.2	F	TR	1.16	128.5	F	+	TR	1.04	81.8	F		
Southbound	L	0.40	17.2	B	L	0.40	17.2	B		L	0.44	20.3	C		
	T	0.52	15.5	B	T	0.55	16.0	B		T	0.58	18.3	B		
	Intersection			32.2	C	Intersection			47.2	D	Intersection			36.0	D
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	0.94	61.7	E	T	1.10	106.0	F	+	Unmitigated					
	R	0.28	25.9	C	R	0.28	25.9	C							
Northbound	L	1.13	131.9	F	L	1.41	237.4	F	+						
	T	0.50	17.4	B	T	0.50	17.4	B							
	Intersection			38.9	D	Intersection			64.9	E					
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	0.84	47.0	D	LT	0.97	67.4	E	+	LT	0.91	52.7	D		
Northbound	TR	0.64	19.6	B	TR	0.66	19.9	B		TR	0.69	21.9	C		
	Intersection			24.9	C	Intersection			30.3	C	Intersection			28.6	C

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.

<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

Table MA-T6

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Saturday Evening Peak Hour

Intersection	Saturday Evening Peak Hour													
	No Action				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	
<b>Signalized Intersections</b>														
<b>Twelfth Avenue and West 42nd Street</b>														
Eastbound	LTR	0.03	32.0	C	LTR	0.03	32.0	C		LTR	0.03	33.5	C	
Westbound	L	0.21	34.2	C	L	0.21	34.2	C		L	0.22	35.9	D	
	R	0.42	18.9	B	R	0.42	18.9	B		R	0.43	20.3	C	
Northbound	TR	1.17	120.5	F	TR	1.21	135.4	F	+	TR	1.16	112.5	F	
Southbound	L	0.68	48.8	D	L	0.68	48.8	D		L	0.68	48.8	D	
	T	1.03	59.5	E	T	1.07	72.0	E	+	T	1.03	58.4	E	
Intersection			85.7	F	Intersection			97.8	F	Intersection			81.7	F
<b>Twelfth Avenue and West 30th Street</b>														
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D	
Northbound	TR	0.72	18.2	B	TR	0.77	19.5	B		TR	0.78	20.4	C	
Southbound	L	1.15	158.7	F	L	1.18	170.6	F	+	L	1.12	146.1	F	
	TR	0.72	18.6	B	TR	0.72	18.6	B		TR	0.73	19.4	B	
Intersection			25.7	C	Intersection			27.0	C	Intersection			26.5	C
<b>Twelfth Avenue and West 29th Street</b>														
Eastbound	LR	0.00	39.2	D	LR	0.00	39.2	D		Unmitigated				
Westbound	L	0.11	40.7	D	L	0.11	40.7	D						
	R	1.37	236.8	F	R	1.77	407.3	F	+					
Northbound	T	0.59	14.0	B	T	0.60	14.3	B						
Southbound	TR	0.71	16.8	B	TR	0.71	16.8	B						
	Intersection			35.0	C	Intersection			58.3					E
<b>Eleventh Avenue and West 42nd Street</b>														
Eastbound	T	0.31	20.4	C	T	0.31	20.4	C		T	0.31	20.4	C	
	R	1.72	371.1	F	R	1.72	371.1	F		R	1.72	371.1	F	
Westbound	L	0.99	114.3	F	L	1.26	204.5	F	+	L	1.03	118.0	F	
	LT	0.38	13.3	B	LT	0.38	13.3	B		LT	0.37	12.0	B	
Southbound	L	0.11	20.6	C	L	0.11	20.6	C		L	0.11	22.1	C	
	T	0.80	30.3	C	T	0.84	31.8	C		T	0.90	36.6	D	
	R	0.41	26.5	C	R	0.41	26.5	C		R	0.45	29.5	C	
Intersection			86.5	F	Intersection			91.5	F	Intersection			89.2	F
<b>Eleventh Avenue and West 34th Street</b>														
Eastbound	L	0.27	18.0	B	L	0.27	19.0	B		Unmitigated				
	T	0.46	29.4	C	T	0.44	29.0	C						
	R	0.68	42.8	D	R	1.41	241.0	F	+					
Westbound	L	0.89	56.1	E	L	1.03	87.4	F	+					
	TR	0.62	33.6	C	TR	0.73	38.7	D						
Southbound	LTR	0.78	24.5	C	LTR	0.90	30.8	C						
	Intersection			30.6	C	Intersection			61.8	E				
<b>Eleventh Avenue and West 33rd Street</b>														
Eastbound	-	-	-	-	R	2.58	754.5	F	+	Unmitigated				
Westbound	L	0.83	54.9	D	L	1.15	132.8	F	+					
	LT	0.55	35.0	D	LT	1.12	110.1	F	+					
Southbound	TR	0.62	24.1	C	TR	1.14	99.5	F	+					
	Intersection			30.0	C	Intersection			255.4					F
<b>Eleventh Avenue and West 32nd Street Extension</b>														
Eastbound	TR	0.00	28.0	C	TR	0.00	28.0	C		Unmitigated				
Southbound	LTR	0.93	35.5	D	LTR	1.29	163.3	F	+					
	Intersection			35.5	D	Intersection			163.2					F
<b>Eleventh Avenue and West 31st Street Extension</b>														
Eastbound	TR	0.21	20.2	C	-	-	-	-		Unmitigated				
Southbound	LTR	0.92	34.0	C	LT	1.23	134.3	F	+					
	Intersection			33.5	C	Intersection			134.3					F
<b>Eleventh Avenue and West 30th Street</b>														
Eastbound	T	0.65	29.1	C	T	0.68	30.5	C		Unmitigated				
	R	0.20	20.1	C	R	0.27	21.3	C						
Southbound	LT	0.75	25.5	C	LT	1.26	149.4	F	+					
	Intersection			25.9	C	Intersection			131.5					F
<b>Eleventh Avenue and West 24th Street</b>														
Eastbound	R	0.24	26.8	C	R	0.24	26.8	C		R	0.26	28.6	C	
Northbound	L	0.30	27.3	C	L	0.30	27.3	C		L	0.33	29.1	C	
Southbound	L	0.42	10.0	B	L	0.42	10.0	B		L	0.42	10.0	B	
	TR	1.02	64.9	E	TR	1.11	96.1	F	+	TR	1.03	68.2	E	
	R	0.20	25.0	C	R	0.21	25.1	C		R	0.19	23.3	C	
Intersection			42.6	D	Intersection			60.5	E	Intersection			45.7	D
<b>Twelfth Avenue and Eleventh Avenue</b>														
Westbound	TR	1.24	161.6	F	TR	1.32	198.0	F	+	TR	1.25	164.4	F	
Northbound	T	0.78	24.3	C	T	0.80	25.2	C		T	0.83	27.5	C	
Southbound	T	0.58	15.2	B	T	0.58	15.2	B		T	0.60	16.5	B	
	Intersection			53.0	D	Intersection			63.5	E	Intersection			56.8
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>														
Westbound	R	0.07	13.3	B	R	0.07	13.3	B		R	0.08	14.3	B	
Northbound	T	0.06	26.1	C	T	0.06	26.1	C		T	0.06	24.8	C	
Intersection			18.9	B	Intersection			18.9	B	Intersection			18.9	B
<b>Tenth Avenue and West 34th Street</b>														
Eastbound	LT	1.03	85.9	F	LT	1.05	93.0	F	+	LT	0.98	71.0	E	
Westbound	T	0.68	32.4	C	T	0.76	36.3	D		T	0.74	34.1	C	
	R	0.40	25.4	C	R	0.40	25.4	C		R	0.39	24.4	C	
Northbound	LTR	0.73	21.6	C	LTR	0.89	28.1	C		LTR	0.92	30.5	C	
	Intersection			32.8	C	Intersection			37.1	D	Intersection			35.7

Table MA-T6

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project  
Saturday Evening Peak Hour

Intersection	Saturday Evening Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Tenth Avenue and West 33rd Street</b>													
Westbound	TR	0.71	33.2	C	TR	1.10	96.3	F	+	Unmitigated			
Northbound	LT	0.76	22.3	C	LT	1.04	55.0	E	+				
Intersection		24.3	C	Intersection		63.8	E						
<b>Tenth Avenue and West 30th Street</b>													
Eastbound	L	0.55	30.7	C	L	1.41	229.7	F	+	Unmitigated			
	T	1.23	151.5	F	T	2.01	495.3	F	+				
Northbound	T	0.82	28.2	C	T	0.98	43.5	D					
	R	1.58	300.1	F	R	1.75	373.9	F	+				
Intersection		109.1	F	Intersection		229.5	F						
<b>Tenth Avenue and West 29th Street</b>													
Westbound	T	0.55	27.9	C	T	0.61	29.3	C		Unmitigated			
	R	0.88	49.8	D	R	1.18	132.5	F	+				
Northbound	LT	0.67	20.1	C	LT	0.73	21.3	C					
Intersection		25.8	C	Intersection		42.5	D						
<b>Tenth Avenue and West 23rd Street</b>													
Eastbound	LT	0.30	19.3	B	LT	0.34	19.8	B		Unmitigated			
Westbound	TR	1.10	108.4	F	TR	1.25	164.1	F	+				
Northbound	LTR	0.95	39.0	D	LTR	1.01	51.9	D					
Intersection		49.6	D	Intersection		69.7	E						
<b>Ninth Avenue and West 42nd Street</b>													
Eastbound	T	0.95	62.8	E	T	1.02	79.5	E	+	T	0.94	59.5	E
	R	1.02	102.6	F	R	1.02	102.6	F		R	0.91	72.3	E
Westbound	L	0.64	54.6	D	L	0.64	54.6	D		L	0.64	54.6	D
	T	0.27	15.8	B	T	0.33	16.7	B		T	0.31	15.3	B
Southbound	L	0.74	62.2	E	L	0.74	62.2	E		L	0.74	62.2	E
	TR	0.78	26.2	C	TR	0.83	27.9	C		TR	0.87	31.8	C
Intersection		42.1	D	Intersection		45.7	D	Intersection		41.6	D		
<b>Ninth Avenue and West 35th Street</b>													
Westbound	LT	0.80	42.6	D	LT	0.99	73.2	E	+	LT	0.89	49.6	D
Southbound	TR	0.63	15.1	B	TR	0.67	16.0	B		TR	0.72	18.8	B
Intersection		20.2	C	Intersection		28.4	C	Intersection		25.5	C		
<b>Ninth Avenue and West 30th Street</b>													
Eastbound	T	0.49	30.0	C	T	0.77	37.9	D		T	0.69	32.2	C
	R	0.96	60.9	E	R	1.12	109.3	F	+	R	0.99	63.1	E
Southbound	LTR	0.80	28.2	C	LTR	0.80	28.3	C		LTR	0.88	34.6	C
Intersection		36.7	D	Intersection		51.3	D	Intersection		41.3	D		
<b>Ninth Avenue and West 29th Street</b>													
Westbound	L	0.25	21.9	C	L	0.25	21.9	C		Unmitigated			
	T	1.03	75.7	E	T	1.27	166.3	F	+				
Southbound	TR	0.90	32.0	C	TR	0.95	37.9	D					
Intersection		42.1	D	Intersection		72.1	E						
<b>Ninth Avenue and West 23rd Street</b>													
Eastbound	T	0.45	30.9	C	T	0.50	32.0	C		T	0.44	28.4	C
	R	0.57	38.7	D	R	0.57	38.7	D		R	0.50	32.8	C
Westbound	T	0.88	56.3	E	T	1.03	86.9	F	+	T	0.92	57.2	E
Southbound	L	0.72	54.0	D	L	0.72	54.0	D		L	0.72	54.0	D
	TR	0.63	17.8	B	TR	0.67	18.6	B		TR	0.72	21.5	C
Intersection		29.1	C	Intersection		35.2	D	Intersection		31.2	C		
<b>Eighth Avenue and West 42nd Street</b>													
Eastbound	L	0.64	43.7	D	L	0.64	43.7	D		Unmitigated			
	T	0.49	15.9	B	T	0.53	16.7	B					
Westbound	-	-	-	-	-	-	-	-					
	TR	0.92	63.5	E	TR	1.01	84.0	F	+				
	-	-	-	-	-	-	-	-					
Northbound	T	0.23	20.0	C	T	0.28	20.6	C					
	R	1.06	175.4	F	R	1.06	175.4	F					
Intersection		39.5	D	Intersection		44.0	D						
<b>Eighth Avenue and West 37th Street</b>													
Westbound	T	1.04	75.8	E	T	1.15	113.8	F	+	T	1.06	79.7	E
	R	0.57	37.0	D	R	0.57	37.0	D		R	0.49	30.7	C
Northbound	L	0.42	36.7	D	L	0.42	36.7	D		L	0.42	36.7	D
	T	0.46	16.3	B	T	0.51	17.0	B		T	0.55	19.5	B
Intersection		43.1	D	Intersection		58.7	E	Intersection		45.7	D		
<b>Eighth Avenue and West 36th Street</b>													
Eastbound	L	0.67	39.1	D	L	0.67	39.1	D		Unmitigated			
	T	1.17	124.2	F	T	1.28	168.1	F	+				
Northbound	T	0.36	14.4	B	T	0.40	15.0	B					
	R	0.74	40.8	D	R	0.79	45.7	D					
Intersection		66.5	E	Intersection		85.5	F						
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.03	79.1	E	T	1.11	104.0	F	+	T	1.04	80.3	F
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.16	123.6	F	TR	1.24	157.0	F	+	TR	1.17	124.2	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.65	54.2	D	L	0.65	54.2	D		L	0.65	54.2	D
	TR	0.68	24.1	C	TR	0.74	25.9	C		TR	0.78	29.0	C
Intersection		68.4	E	Intersection		84.7	F	Intersection		70.5	E		

Table MA-T6  
**2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Proposed Project**  
**Saturday Evening Peak Hour**

Intersection	Saturday Evening Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.03	17.8	B	TR	0.03	17.8	B		Unmitigated			
Northbound	L	0.93	80.3	F	L	1.28	193.5	F	+				
	TR	0.46	20.7	C	TR	0.50	21.4	C					
	Intersection		33.4	C	Intersection		65.4	E					
<b>Eighth Avenue and West 30th Street</b>													
Eastbound	L	0.74	39.4	D	L	0.97	69.1	E	+	L	0.90	52.9	D
	T	0.58	22.8	C	T	0.83	34.9	C		T	0.79	30.3	C
Northbound	TR	0.42	17.8	B	TR	0.45	18.1	B		TR	0.48	19.6	B
	Intersection		22.8	C	Intersection		32.7	C		Intersection		29.1	C
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.00	65.8	E	TR	1.23	145.6	F	+	Unmitigated			
Northbound	L	0.75	40.2	D	L	0.76	41.0	D					
	T	0.30	14.1	B	T	0.33	14.4	B					
	Intersection		35.9	D	Intersection		68.0	E					
<b>Eighth Avenue and West 23rd Street</b>													
Eastbound	T	0.79	43.8	D	T	0.85	48.8	D		T	0.76	38.5	D
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.09	107.0	F	TR	1.20	146.1	F	+	TR	1.08	97.2	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.34	37.4	D	L	0.34	37.4	D		L	0.34	37.4	D
	TR	0.58	18.2	B	TR	0.61	18.8	B		TR	0.66	21.5	C
	Intersection		40.6	D	Intersection		50.5	D		Intersection		40.4	D
<b>Seventh Avenue and West 29th Street</b>													
Westbound	L	0.34	23.4	C	L	0.34	23.4	C		Unmitigated			
	T	0.81	39.5	D	T	1.10	99.3	F	+				
Southbound	-	-	-	-	-	-	-	-					
	TR	0.66	21.2	C	TR	0.69	22	C					
	-	-	-	-	-	-	-	-		-	-	-	-
	Intersection		26.0	C	Intersection		45.6	D					
<b>Seventh Avenue and West 28th Street</b>													
Eastbound	TR	0.81	43.3	D	TR	0.96	63.6	E	+	TR	0.89	49.6	D
Southbound	L	0.39	16.6	B	L	0.39	16.6	B		L	0.41	18.4	B
	T	0.42	14.3	B	T	0.45	14.6	B		T	0.47	16.0	B
	Intersection		22.3	C	Intersection		29.1	C		Intersection		26.0	C
<b>Sixth Avenue and West 29th Street</b>													
Westbound	T	0.81	43.9	D	T	1.02	78.4	E	+	Unmitigated			
	R	0.33	26.8	C	R	0.33	26.8	C					
Northbound	L	0.90	58.4	E	L	1.15	128.9	F	+				
	T	0.52	17.7	B	T	0.52	17.7	B					
	Intersection		27.1	C	Intersection		44.7	D					

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.

<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday AM Peak Hour

Intersection	Weekday AM Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Twelfth Avenue and West 42nd Street</b>													
Eastbound	LTR	0.03	46.1	D	LTR	0.03	46.1	D		LTR	0.03	46.9	D
Westbound	L	0.26	50.1	D	L	0.26	50.1	D		L	0.27	51.1	D
	R	0.49	30.9	C	R	0.49	30.9	C		R	0.50	31.7	C
Northbound	TR	1.27	167.6	F	TR	1.28	169.5	F		TR	1.26	160.7	F
Southbound	L	0.69	60.7	E	L	0.69	60.7	E		L	0.69	60.7	E
	T	1.08	75.5	E	T	1.10	80.4	F	+	T	1.08	75.1	E
	Intersection			F	Intersection			F		Intersection			F
<b>Twelfth Avenue and West 30th Street</b>													
Eastbound	LTR	0.04	62.3	E	LTR	0.04	62.3	E		LTR	0.04	62.3	E
Northbound	TR	0.86	22.4	C	TR	0.94	29.2	C		TR	0.98	37.9	D
Southbound	L	1.37	260.5	F	L	1.62	367.1	F	+	L	1.33	239.9	F
	TR	0.82	21.2	C	TR	0.82	21.2	C		TR	0.86	25.1	C
	Intersection			C	Intersection			D		Intersection			D
<b>Twelfth Avenue and West 29th Street</b>													
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated			
Westbound	L	0.20	54.0	D	L	0.20	54.0	D					
	R	2.7	840.3	F	R	3.51	1202.0	F	+				
Northbound	T	0.65	13.8	B	T	0.66	14.1	B					
Southbound	TR	0.80	18.4	B	TR	0.80	18.4	B					
	Intersection			F	Intersection			F					
<b>Eleventh Avenue and West 42nd Street</b>													
Eastbound	T	0.31	20.4	C	T	0.29	20.2	C		T	0.29	20.2	C
	R	2.98	930.9	F	R	2.98	930.9	F		R	2.98	930.9	F
Westbound	L	0.94	113.6	F	L	1.00	128.3	F	+	L	0.91	100.5	F
	LT	0.36	13.0	B	LT	0.36	13.0	B		LT	0.35	12.4	B
Southbound	L	0.34	24.8	C	L	0.34	24.8	C		L	0.36	26.0	C
	T	0.78	30.2	C	T	0.79	30.5	C		T	0.82	32.2	C
	R	0.41	28.5	C	R	0.41	28.5	C		R	0.43	30.0	C
	Intersection			F	Intersection			F		Intersection			F
<b>Eleventh Avenue and West 39th Street</b>													
Westbound	LTR	0.35	25.4	C	LTR	0.35	25.4	C		LTR	0.36	26.3	C
Northbound	LT	0.08	11.9	B	LT	0.08	11.9	B		LT	0.08	11.3	B
Southbound	TR	1.62	303.5	F	TR	1.63	309.1	F	+	TR	1.59	292.8	F
	Intersection			F	Intersection			F		Intersection			F
<b>Eleventh Avenue and West 38th Street</b>													
Northbound	L	0.00	10.3	B	L	0.00	10.3	B		Unmitigated			
	TR	0.11	11.1	B	TR	0.11	11.1	B					
Southbound	L	0.55	19.2	B	L	0.55	19.2	B					
	TR	1.41	212.4	F	TR	1.43	217.4	F	+				
	Intersection			F	Intersection			F					
<b>Eleventh Avenue and West 37th Street</b>													
Eastbound	LR	0.00	22.8	C	LR	0.00	22.8	C		LR	0.00	23.5	C
Westbound	L	0.42	29.4	C	L	0.45	30.0	C		L	0.46	31.3	C
	R	0.15	24.8	C	R	0.15	24.8	C		R	0.15	25.6	C
Northbound	T	0.06	10.6	B	T	0.06	10.6	B		T	0.05	10.2	B
Southbound	T	1.44	223.1	F	T	1.45	227.9	F	+	T	1.42	214.1	F
	Intersection			F	Intersection			F		Intersection			F
<b>Eleventh Avenue and West 33rd Street</b>													
Eastbound	-	-	-	-	R	0.64	41.2	D		Unmitigated			
Westbound	L	1.23	163.0	F	L	1.03	91.1	F					
	LT	0.80	44.3	D	LT	0.86	49.4	D					
Southbound	TR	0.98	43.4	D	TR	1.05	63.7	E	+				
	Intersection			E	Intersection			E					
<b>Eleventh Avenue and West 32nd Street Extension</b>													
Eastbound	TR	0.00	28.0	C	-	-	-	-		Unmitigated			
Southbound	LTR	1.25	144.6	F	LT	1.27	151.5	F	+				
	Intersection			F	Intersection			F					
<b>Eleventh Avenue and West 30th Street</b>													
Eastbound	T	0.83	40.0	D	T	1.00	69.9	E	+	Unmitigated			
	R	0.43	23.8	C	R	0.59	28.5	C					
Southbound	LT	1.07	68.2	E	LT	1.13	89.0	F	+				
	Intersection			E	Intersection			F					
<b>Eleventh Avenue and West 29th Street</b>													
Westbound	L	0.68	45.0	D	L	0.68	45.0	D		L	0.68	45.0	D
Southbound	T	0.62	19.4	B	T	0.76	24.6	C		T	0.81	30.1	C
	TR	1.15	102.9	F	TR	1.26	151.2	F	+	TR	1.15	102.4	F
	Intersection			F	Intersection			F		Intersection			F
<b>Eleventh Avenue and West 24th Street</b>													
Eastbound	R	0.28	27.4	C	R	0.28	27.4	C		R	0.29	28.3	C
Northbound	L	0.34	27.8	C	L	0.34	27.8	C		L	0.35	28.8	C
Southbound	L	0.44	10.3	B	L	0.44	10.3	B		L	0.44	10.3	B
	TR	1.48	255.7	F	TR	1.51	268.6	F	+	TR	1.46	243.8	F
	R	0.32	27.8	C	R	0.33	28.0	C		R	0.31	26.8	C
	Intersection			F	Intersection			F		Intersection			F

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday AM Peak Hour

Intersection	Weekday AM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.53	300.4	F	TR	1.56	313.1	F	+	TR	1.52	294.0	F		
Northbound	T	0.89	29.4	C	T	0.91	30.9	C		T	0.92	32.4	C		
Southbound	T	0.75	18.0	B	T	0.75	18.0	B		T	0.76	18.8	B		
Intersection			85.9	F	Intersection			89.9	F		Intersection			86.4	F
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>															
Westbound	R	0.04	11.2	B	R	0.04	11.2	B		R	0.04	11.6	B		
Northbound	T	0.20	41.4	D	T	0.20	41.4	D		T	0.20	40.6	D		
Intersection			33.7	C	Intersection			33.7	C		Intersection			33.3	C
<b>Tenth Avenue and West 35th Street</b>															
Westbound	TR	1.29	178.5	F	TR	1.30	185.6	F	+	TR	1.26	166.7	F		
Northbound	LT	0.60	20.9	C	LT	0.65	21.6	C		LT	0.66	22.6	C		
Intersection			62.5	E	Intersection			63.4	E		Intersection			59.3	E
<b>Tenth Avenue and West 34th Street</b>															
Eastbound	LT	1.37	216.7	F	LT	1.34	205.5	F		LT	1.24	160.1	F		
Westbound	T	1.04	81.4	F	T	1.06	87.7	F	+	T	1.03	76.5	E		
	R	0.49	29.7	C	R	0.49	29.7	C		R	0.47	28.2	C		
Northbound	LTR	0.67	20.4	C	LTR	0.76	22.7	C		LTR	0.78	24.0	C		
Intersection			66.9	E	Intersection			64.1	E		Intersection			55.6	E
<b>Tenth Avenue and West 33rd Street</b>															
Westbound	TR	1.23	148.7	F	TR	1.27	166.9	F	+	TR	1.23	148.0	F		
Northbound	LT	0.84	25.9	C	LT	0.84	26.0	C		LT	0.87	27.9	C		
Intersection			62.1	E	Intersection			67.1	E		Intersection			63.0	E
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.62	34.8	C	L	1.15	132.4	F	+	Unmitigated					
	T	2.00	490.8	F	T	2.03	504.7	F	+						
Northbound	T	0.76	26.4	C	T	0.75	26.0	C							
	R	2.17	564.7	F	R	2.14	552.7	F							
Intersection			268.1	F	Intersection			272.8	F						
<b>Tenth Avenue and West 29th Street</b>															
Westbound	T	0.98	65.8	E	T	1.16	122.2	F	+	Unmitigated					
	R	1.24	156.8	F	R	1.25	160.4	F							
Northbound	LT	0.61	19.1	B	LT	0.60	19.0	B							
Intersection			56.3	E	Intersection			71.4	E						
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.43	21.2	C	LT	0.43	21.2	C		LT	0.41	20.3	C		
Westbound	TR	1.08	100.7	F	TR	1.09	105.9	F	+	TR	1.05	89.8	F		
Northbound	LTR	0.78	27.1	C	LTR	0.77	26.6	C		LTR	0.79	28.1	C		
Intersection			41.6	D	Intersection			42.8	D		Intersection			40.0	D
<b>Ninth Avenue and West 42nd Street</b>															
Eastbound	T	1.13	116.2	F	T	1.14	120.5	F	+	T	1.10	103.5	F		
	R	0.26	28.5	C	R	0.26	28.5	C		R	0.25	27.4	C		
Westbound	L	1.13	149.5	F	L	1.13	149.5	F		L	1.13	149.5	F		
	T	0.19	14.7	B	T	0.20	14.8	B		T	0.20	14.2	B		
Southbound	L	0.68	57.6	E	L	0.68	57.6	E		L	0.68	57.6	E		
	TR	0.79	26.6	C	TR	0.79	26.9	C		TR	0.82	28.5	C		
Intersection			56.9	E	Intersection			57.9	E		Intersection			55.0	D
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.25	21.4	C	L	0.25	21.4	C		Unmitigated					
	T	1.34	195.6	F	T	1.47	252.1	F	+						
Southbound	TR	1.11	83.0	F	TR	1.12	89.2	F	+						
Intersection			111.1	F	Intersection			133.5	F						
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.64	40.3	D	L	0.64	40.3	D		Unmitigated					
	T	1.23	150.7	F	T	1.26	160.6	F	+						
Northbound	T	0.35	13.2	B	T	0.36	13.3	B							
	R	1.10	127.6	F	R	1.09	123.5	F							
Intersection			87.8	F	Intersection			91.5	F						
<b>Eighth Avenue and West 30th Street</b>															
Eastbound	L	0.72	39.0	D	L	0.74	40.7	D		L	0.71	37.7	D		
	T	1.10	93.5	F	T	1.14	107.0	F	+	T	1.11	96.0	F		
Northbound	TR	0.44	17.9	B	TR	0.44	17.9	B		TR	0.45	18.7	B		
Intersection			47.1	D	Intersection			52.7	D		Intersection			48.7	D
<b>Eighth Avenue and West 29th Street</b>															
Westbound	TR	1.07	88.0	F	TR	1.17	121.0	F	+	Unmitigated					
Northbound	L	1.07	102.4	F	L	1.12	117.5	F	+						
	T	0.28	13.9	B	T	0.28	13.9	B							
Intersection			56.8	E	Intersection			73.0	E						
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.42	25.5	C	L	0.42	25.5	C		L	0.38	22.3	C		
	T	0.98	65.7	E	T	1.10	99.6	F	+	T	1.00	67.5	E		
Southbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	0.71	22.6	C	TR	0.72	22.7	C		TR	0.78	26.5	C		
Intersection			34.5	C	Intersection			45.3	D		Intersection			38.1	D

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
 Weekday AM Peak Hour

Intersection	Weekday AM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	1.11	111.6	F	TR	1.14	121.7	F	+	TR	1.10	105.2	F		
Southbound	L	0.55	22.7	C	L	0.55	22.7	C		L	0.57	24.4	C		
	T	0.56	16.3	B	T	0.57	16.4	B		T	0.58	17.2	B		
	Intersection			41.1	D	Intersection			44.1	D	Intersection			40.5	D
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	0.90	55.9	E	T	1.00	76.5	E	+	Unmitigated					
	R	0.36	27.6	C	R	0.36	27.6	C							
Northbound	L	0.88	51.4	D	L	0.91	56.8	E	+						
	T	0.52	16.0	B	T	0.52	16.0	B							
	Intersection			27.6	C	Intersection			32.7					C	
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	1.04	86.9	F	LT	1.06	94.5	F	+	LT	1.02	81.6	F		
Northbound	TR	0.61	17.3	B	TR	0.61	17.4	B		TR	0.63	18.2	B		
	Intersection			32.3	C	Intersection			34.3	C	Intersection			32.1	C
<b>Unsignalized Intersections</b>															
<b>Lincoln Tunnel and West 33rd Street</b>															
Southbound	R	1.57	325.5	F	R	1.74	395.4	F	+	Unmitigated					
<b>Notes:</b> L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact. <sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.															

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday Midday Peak Hour

Intersection	Weekday Midday Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Twelfth Avenue and West 30th Street</b>													
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D
Northbound	TR	0.80	20.8	C	TR	0.86	23.3	C		TR	0.90	27.4	C
Southbound	L	0.96	104.2	F	L	1.12	151.2	F	+	L	0.96	97.5	F
	TR	0.63	16.7	B	TR	0.63	16.7	B		TR	0.66	18.9	B
	Intersection		23.1	C	Intersection		27.5	C		Intersection		27.9	C
<b>Twelfth Avenue and West 29th Street</b>													
Eastbound	LR	0.00	39.2	D	LR	0.00	39.2	D		Unmitigated			
Westbound	L	0.18	42.0	D	L	0.18	42.0	D					
	R	1.68	370.4	F	R	2.14	574.3	F	+				
Northbound	T	0.63	14.9	B	T	0.64	15.1	B					
Southbound	TR	0.61	14.7	B	TR	0.61	14.7	B					
	Intersection		53.0	D	Intersection		88.5	F					
<b>Eleventh Avenue and West 42nd Street</b>													
Eastbound	T	0.26	19.7	B	T	0.23	19.4	B		T	0.23	19.4	B
	R	2.66	789.9	F	R	2.66	789.9	F		R	2.66	789.9	F
Westbound	L	1.12	156.2	F	L	1.17	172.4	F	+	L	1.05	130.0	F
	LT	0.56	16.6	B	LT	0.56	16.6	B		LT	0.55	15.8	B
Southbound	L	0.2	22.0	C	L	0.2	22.0	C		L	0.21	22.9	C
	T	0.77	29.6	C	T	0.78	29.8	C		T	0.81	31.3	C
	R	0.30	25.0	C	R	0.30	25.0	C		R	0.32	26.3	C
	Intersection		211.6	F	Intersection		212.6	F		Intersection		211.2	F
<b>Eleventh Avenue and West 39th Street</b>													
Westbound	LTR	0.44	27.6	C	LTR	0.44	27.6	C		LTR	0.46	28.6	C
Northbound	LT	0.29	14.9	B	LT	0.29	14.9	B		LT	0.28	14.3	B
Southbound	TR	1.19	117.6	F	TR	1.20	122.1	F	+	TR	1.18	109.9	F
	Intersection		91.9	F	Intersection		95.3	F		Intersection		86.4	F
<b>Eleventh Avenue and West 34th Street</b>													
Eastbound	L	1.26	184.5	F	L	1.08	123.8	F		Unmitigated			
	T	0.36	27.5	C	T	0.33	27.0	C					
	R	0.86	63.9	E	R	0.73	48.8	D					
Westbound	L	0.69	33.4	C	L	0.70	34.1	C					
	TR	0.90	55.7	E	TR	1.01	80.1	F	+				
Southbound	LTR	1.00	47.9	D	LTR	1.02	51.8	D					
	Intersection		57.8	E	Intersection		57.8	E					
<b>Eleventh Avenue and West 32nd Street Extension</b>													
Eastbound	TR	0.00	28.0	C	-	-	-	-		Unmitigated			
Southbound	LTR	1.03	57.5	E	LT	1.09	76.2	E	+				
	Intersection		57.5	E	Intersection		76.2	E					
<b>Eleventh Avenue and West 24th Street</b>													
Eastbound	R	0.24	26.8	C	R	0.24	26.8	C		R	0.25	27.7	C
Northbound	L	0.25	26.8	C	L	0.25	26.8	C		L	0.26	27.7	C
Southbound	L	0.31	8.7	A	L	0.31	8.7	A		L	0.31	8.7	A
	TR	1.24	149.5	F	TR	1.28	166.3	F	+	TR	1.23	146.0	F
	R	0.25	26.5	C	R	0.32	29.4	C		R	0.31	28.0	C
	Intersection		99.6	F	Intersection		111.1	F		Intersection		98.6	F
<b>Twelfth Avenue and Eleventh Avenue</b>													
Westbound	TR	1.39	226.3	F	TR	1.43	244.0	F	+	TR	1.39	224.8	F
Northbound	T	0.83	26.6	C	T	0.85	27.4	C		T	0.86	28.8	C
Southbound	T	0.62	16.0	B	T	0.62	16.0	B		T	0.63	16.7	B
	Intersection		71.2	E	Intersection		76.6	E		Intersection		72.7	E
<b>Eleventh Avenue and West 22nd Street <sup>1</sup></b>													
Westbound	R	0.05	13.1	B	R	0.05	13.1	B		R	0.06	13.6	B
Northbound	T	0.09	26.5	C	T	0.09	26.5	C		T	0.09	25.8	C
	Intersection		20.9	C	Intersection		20.9	C		Intersection		20.7	C
<b>Tenth Avenue and West 30th Street</b>													
Eastbound	L	0.67	38.1	D	L	1.08	105.6	F	+	Unmitigated			
	T	1.39	220.7	F	T	1.48	258.0	F	+				
Northbound	T	0.88	31.7	C	T	0.88	31.4	C					
	R	3.03	953.2	F	R	3.17	1017.0	F	+				
	Intersection		257.1	F	Intersection		275.8	F					
<b>Tenth Avenue and West 29th Street</b>													
Westbound	T	0.73	34.8	C	T	0.82	40.8	D		T	0.77	35.4	D
	R	1.10	108.6	F	R	1.20	144.5	F	+	R	1.10	106.3	F
Northbound	LT	0.74	21.7	C	LT	0.74	21.8	C		LT	0.78	24.1	C
	Intersection		36.6	D	Intersection		43.2	D		Intersection		38.2	D
<b>Tenth Avenue and West 23rd Street</b>													
Eastbound	LT	0.30	19.3	B	LT	0.30	19.3	B		LT	0.29	18.5	B
Westbound	TR	1.09	108.0	F	TR	1.11	115.0	F	+	TR	1.07	97.4	F
Northbound	LTR	0.93	36.3	D	LTR	0.92	35.5	D		LTR	0.95	39.5	D
	Intersection		47.3	D	Intersection		48.2	D		Intersection		47.6	D
<b>Ninth Avenue and West 42nd Street</b>													
Eastbound	T	1.13	116.4	F	T	1.14	120.6	F	+	T	1.10	103.3	F
	R	0.45	33.4	C	R	0.45	33.4	C		R	0.43	31.8	C
Westbound	L	0.97	97.5	F	L	0.97	97.5	F		L	0.97	97.5	F
	T	0.32	16.3	B	T	0.33	16.4	B		T	0.33	15.7	B
Southbound	L	0.65	54.9	D	L	0.65	54.9	D		L	0.65	54.9	D
	TR	0.89	32.3	C	TR	0.90	32.7	C		TR	0.92	35.8	D
	Intersection		53.3	D	Intersection		54.4	D		Intersection		52.5	D

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
 Weekday Midday Peak Hour

Intersection	Weekday Midday Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Ninth Avenue and West 35th Street</b>													
Westbound	LT	1.02	84.0	F	LT	1.07	97.6	F	+	LT	1.03	85.0	F
Southbound	TR	0.56	14.0	B	TR	0.57	14.1	B		TR	0.58	14.9	B
	Intersection		31.3	C	Intersection		35.1	D		Intersection		32.5	C
<b>Ninth Avenue and West 29th Street</b>													
Westbound	L	0.23	21.8	C	L	0.23	21.8	C		L	0.22	20.2	C
	T	0.95	58.0	E	T	1.03	76.7	E	+	T	0.97	59.7	E
Southbound	TR	0.87	30.9	C	TR	0.88	31.7	C		TR	0.93	38.4	D
	Intersection		37.1	D	Intersection		42.8	D		Intersection		43.0	D
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.09	95.2	F	T	1.10	98.5	F		T	1.07	86.5	F
Westbound	T	1.08	93.8	F	T	1.10	98.5	F	+	T	1.06	86.3	F
	-	-	-	-	-	-	-	-		-	-	-	-
	R	0.44	27.9	C	R	0.44	27.9	C		R	0.43	26.6	C
Northbound	L	0.58	50.7	D	L	0.58	50.7	D		L	0.58	50.7	D
	TR	0.55	20.9	C	TR	0.56	21.0	C		TR	0.42	22.0	C
	Intersection		64.4	E	Intersection		66.7	E		Intersection		60.0	E
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.03	17.8	B	TR	0.03	17.8	B		TR	0.04	18.5	B
Northbound	L	1.02	102.4	F	L	1.04	108.5	F	+	L	0.97	88.1	F
	TR	0.49	21.1	C	TR	0.49	21.2	C		TR	0.48	20.4	C
	Intersection		39.4	D	Intersection		41.0	D		Intersection		35.7	D
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.02	71.2	E	TR	1.08	90.4	F	+	TR	1.02	70.7	E
Northbound	L	0.74	39.6	D	L	0.76	41.6	D		L	0.84	52.5	D
	T	0.27	13.8	B	T	0.27	13.8	B		T	0.28	15.0	B
	Intersection		38.7	D	Intersection		47.0	D		Intersection		41.7	D
<b>Eighth Avenue and West 23rd Street</b>													
Eastbound	T	0.85	49.9	D	T	0.86	50.8	D		T	0.83	46.3	D
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.09	110.4	F	TR	1.11	116.8	F	+	TR	1.07	100.3	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.74	56.6	E	L	0.74	56.6	E		L	0.74	56.6	E
	TR	0.47	16.6	B	TR	0.47	16.7	B		TR	0.48	17.4	B
	Intersection		44.5	D	Intersection		46.1	D		Intersection		42.4	D
<b>Sixth Avenue and West 29th Street</b>													
Westbound	T	0.66	35.1	D	T	0.73	38.7	D		T	0.75	41.4	D
	R	0.33	27.0	C	R	0.33	27.0	C		R	0.34	28.1	C
Northbound	L	1.11	117.3	F	L	1.16	134.4	F	+	L	1.12	118.8	F
	T	0.47	17.1	B	T	0.47	17.1	B		T	0.46	16.4	B
	Intersection		34.3	C	Intersection		37.8	D		Intersection		35.6	D

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.  
<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday PM Peak Hour

Intersection	Weekday PM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 42nd Street</b>															
Eastbound	LTR	0.08	47.2	D	LTR	0.08	47.2	D		LTR	0.08	48.0	D		
Westbound	L	0.31	51.2	D	L	0.31	51.2	D		L	0.32	52.3	D		
	R	0.52	40.6	D	R	0.52	40.6	D		R	0.53	41.6	D		
Northbound	TR	1.20	127.4	F	TR	1.22	134.6	F	+	TR	1.20	127.7	F		
Southbound	L	1.18	169.3	F	L	1.18	169.3	F		L	1.18	169.3	F		
	T	1.06	65.2	E	T	1.08	71.7	E	+	T	1.07	66.8	E		
Intersection				F	Intersection				F		Intersection				F
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0	61.7	E	LTR	0.00	61.7	E		LTR	0.00	61.7	E		
Northbound	TR	1.00	39.7	D	TR	1.06	57.4	E	+	TR	1.05	53.1	D		
Southbound	L	1.26	218.3	F	L	1.34	249.5	F	+	L	1.27	221.0	F		
	TR	0.84	22.2	C	TR	0.84	22.2	C		TR	0.84	21.2	C		
Intersection				D	Intersection				D		Intersection				D
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated					
Westbound	L	0.14	52.9	D	L	0.14	52.9	D							
	R	2.38	693.2	F	R	2.89	923.0	F	+						
Northbound	T	0.80	17.7	B	T	0.82	18.3	B							
Southbound	TR	0.83	19.2	B	TR	0.83	19.2	B							
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.25	20.9	C	T	0.24	20.8	C		T	0.24	20.8	C		
	R	2.31	631.9	F	R	2.31	631.9	F		R	2.31	631.9	F		
Westbound	L	1.46	272.5	F	L	1.54	306.4	F	+	L	1.43	255.8	F		
	LT	0.33	11.6	B	LT	0.33	11.6	B		LT	0.33	11.1	B		
Southbound	L	0.03	21.1	C	L	0.03	21.1	C		L	0.03	21.8	C		
	T	0.59	27.0	C	T	0.64	27.9	C		T	0.67	29.0	C		
	R	0.29	26.9	C	R	0.29	26.9	C		R	0.30	28.2	C		
Intersection				F	Intersection				F		Intersection				F
<b>Eleventh Avenue and West 39th Street</b>															
Westbound	LTR	0.35	25.3	C	LTR	0.35	25.3	C		LTR	0.38	27.2	C		
Northbound	LT	0.18	12.6	B	LT	0.18	12.6	B		LT	0.17	11.5	B		
Southbound	TR	1.39	201.9	F	TR	1.46	233.9	F	+	TR	1.40	205.2	F		
Intersection				F	Intersection				F		Intersection				F
<b>Eleventh Avenue and West 38th Street</b>															
Northbound	L	0.00	10.3	B	L	0.00	10.3	B		Unmitigated					
	TR	0.21	11.9	B	TR	0.21	11.9	B							
Southbound	L	0.50	17.7	B	L	0.50	17.7	B							
	TR	1.21	123.2	F	TR	1.28	152.7	F	+						
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 37th Street</b>															
Eastbound	LR	0.00	22.8	C	LR	0.00	22.8	C		LR	0.00	22.8	C		
Westbound	L	0.33	27.4	C	L	0.43	29.5	C		L	0.47	32.1	C		
	R	0.21	25.9	C	R	0.21	25.9	C		R	0.23	27.8	C		
Northbound	T	0.10	10.9	B	T	0.10	10.9	B		T	0.09	9.9	A		
Southbound	T	1.40	204.5	F	T	1.47	234.5	F	+	T	1.41	206.8	F		
Intersection				F	Intersection				F		Intersection				F
<b>Eleventh Avenue and West 36th Street</b>															
Northbound	TR	0.24	12.7	B	TR	0.22	12.5	B		Unmitigated					
Southbound	LT	1.32	171.6	F	LT	1.39	200.4	F	+						
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 34th Street</b>															
Eastbound	L	0.93	67.4	E	L	0.94	74.9	E	+	Unmitigated					
	T	0.56	31.8	C	T	0.50	30.3	C							
	R	1.01	96.4	F	R	1.55	299.4	F	+						
Westbound	L	0.87	56.2	E	L	0.96	74.0	E	+						
	TR	0.82	47.0	D	TR	0.95	66.2	E	+						
Southbound	LTR	1.12	86.4	F	LTR	1.23	132.3	F	+						
Intersection				F	Intersection				F						
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	1.65	338.7	F	+	Unmitigated					
Westbound	L	0.85	57.0	E	L	0.91	66.8	E	+						
	LT	0.59	35.9	D	LT	0.92	54.9	D							
Southbound	TR	0.92	34.6	C	TR	1.31	171.7	F	+						
Intersection				D	Intersection				F						
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	-	-	-	-		Unmitigated					
Southbound	LTR	1.05	63.6	E	LT	1.24	139.3	F	+						
Intersection				E	Intersection				F						
<b>Eleventh Avenue and West 31st Street Extension</b>															
Eastbound	TR	0.61	29.4	C	-	-	-	-		Unmitigated					
Southbound	LTR	1.07	67.7	E	LT	1.17	107.9	F	+						
Intersection				E	Intersection				F						
<b>Eleventh Avenue and West 30th Street</b>															
Eastbound	T	0.68	29.7	C	T	1.04	78.6	E	+	Unmitigated					
	R	0.48	25.5	C	R	0.68	33.4	C							
Southbound	LT	1.09	74.4	E	LT	1.36	191.9	F	+						
	Intersection				E	Intersection								F	

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday PM Peak Hour

Intersection	Weekday PM Peak Hour													
	No Action				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	
<b>Signalized Intersections</b>														
<b>Eleventh Avenue and West 29th Street</b>														
Westbound	L	0.79	53.0	D	L	0.79	53.0	D		L	0.79	53.0	D	
	T	0.63	19.7	B	T	0.75	24.3	C		T	0.79	27.6	C	
Southbound	TR	0.94	38.6	D	TR	1.07	71.6	E	+	TR	1.00	49.6	D	
	Intersection			D	Intersection			60.2	E		Intersection			45.3
<b>Eleventh Avenue and West 24th Street</b>														
Eastbound	R	0.22	26.6	C	R	0.22	26.6	C		R	0.24	28.4	C	
Northbound	L	0.42	28.9	C	L	0.42	28.9	C		L	0.46	31.0	C	
Southbound	L	0.38	9.5	A	L	0.38	9.5	A		L	0.38	9.5	A	
	TR	1.12	101.0	F	TR	1.20	132.6	F	+	TR	1.12	97.4	F	
	R	0.41	30.9	C	R	0.42	31.4	C		R	0.38	28.5	C	
	Intersection			E	Intersection			81.8	F		Intersection			62.9
<b>Twelfth Avenue and Eleventh Avenue</b>														
Westbound	TR	1.70	382.1	F	TR	1.80	422.4	F	+	TR	1.69	375.6	F	
Northbound	T	0.94	33.5	C	T	0.97	37.4	D		T	0.99	43.0	D	
Southbound	T	0.66	15.0	B	T	0.66	15.0	B		T	0.67	16.3	B	
	Intersection			F	Intersection			109.2	F		Intersection			102.5
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>														
Westbound	R	0.09	11.3	B	R	0.09	11.3	B		R	0.09	12.1	B	
Northbound	T	0.21	42.3	D	T	0.21	42.3	D		T	0.20	40.7	D	
	Intersection			C	Intersection			30.3	C		Intersection			29.6
<b>Tenth Avenue and West 36th Street</b>														
Eastbound	LT	0.74	31.4	C	LT	0.71	30.3	C		LT	0.79	36.1	D	
Northbound	TR	1.02	48.7	D	TR	1.11	81.1	F	+	TR	1.03	49.9	D	
	Intersection			D	Intersection			70.6	E		Intersection			47.0
<b>Tenth Avenue and West 33rd Street</b>														
Westbound	TR	0.95	58.2	E	TR	1.17	123.4	F	+	Unmitigated				
Northbound	LT	0.97	37.8	D	LT	1.17	106.5	F	+					
	Intersection			D	Intersection			109.9	F					
<b>Tenth Avenue and West 30th Street</b>														
Eastbound	L	0.53	31.0	C	L	1.34	205.6	F	+	Unmitigated				
	T	1.93	455.8	F	T	2.35	646.9	F	+					
Northbound	T	0.98	44.0	D	T	1.05	64.8	E	+					
	R	1.24	177.3	F	R	1.24	177.3	F						
	Intersection			F	Intersection			251.4	F					
<b>Tenth Avenue and West 29th Street</b>														
Westbound	T	0.99	67.9	E	T	1.15	118.8	F	+	T	1.02	70.6	E	
	R	1.07	94.9	F	R	1.22	151.6	F	+	R	1.04	83.1	F	
Northbound	LT	0.83	24.3	C	LT	0.87	26.0	C		LT	0.96	37.1	D	
	Intersection			D	Intersection			60.5	E		Intersection			49.7
<b>Tenth Avenue and West 23rd Street</b>														
Eastbound	LT	0.34	19.9	B	LT	0.37	20.2	C		Unmitigated				
Westbound	TR	1.10	108.2	F	TR	1.20	146.0	F	+					
Northbound	LTR	1.25	144.9	F	LTR	1.29	160.4	F	+					
	Intersection			F	Intersection			143.0	F					
<b>Ninth Avenue and West 42nd Street</b>														
Eastbound	T	0.98	69.5	E	T	1.01	77.2	E	+	Unmitigated				
	R	0.41	32.8	C	R	0.41	32.8	C						
Westbound	L	0.98	101.5	F	L	0.98	101.5	F						
	T	0.36	16.8	B	T	0.38	17.1	B						
Southbound	L	0.78	67.0	E	L	0.78	67.0	E						
	TR	1.00	49.0	D	TR	1.03	57.1	E	+					
	Intersection			D	Intersection			59.1	E					
<b>Ninth Avenue and West 35th Street</b>														
Westbound	LT	0.92	59.9	E	LT	1.08	99.4	F	+	LT	0.94	59.5	E	
Southbound	TR	0.52	13.4	B	TR	0.55	13.8	B		TR	0.59	16.8	B	
	Intersection			C	Intersection			35.1	D		Intersection			27.5
<b>Ninth Avenue and West 34th Street</b>														
Eastbound	T	0.85	43.0	D	T	0.89	48.4	D		T	0.87	43.9	D	
	R	0.96	74.5	E	R	0.99	83.8	F	+	R	0.95	71.3	E	
Westbound	T	1.03	70.1	E	T	1.07	83.5	F	+	T	1.05	74.0	E	
Southbound	L	0.68	52.7	D	L	0.68	52.7	D		L	0.68	52.7	D	
	TR	0.59	19.2	B	TR	0.63	19.9	B		TR	0.65	20.8	C	
	Intersection			D	Intersection			49.0	D		Intersection			45.0
<b>Ninth Avenue and West 33rd Street</b>														
Westbound	LT	0.94	64.7	E	LT	1.02	81.7	F	+	LT	0.95	63.3	E	
Southbound	TR	0.74	21.0	C	TR	0.80	23.3	C		TR	0.84	26.6	C	
	Intersection			C	Intersection			37.3	D		Intersection			35.4
<b>Ninth Avenue and West 30th Street</b>														
Eastbound	T	0.89	45.6	D	T	1.06	81.1	F	+	T	0.95	49.7	D	
	R	0.99	70.4	E	R	1.04	85.0	F	+	R	0.91	51.2	D	
Southbound	LTR	0.72	23.2	C	LTR	0.73	23.4	C		LTR	0.79	27.3	C	
	Intersection			D	Intersection			54.4	D		Intersection			39.3
<b>Ninth Avenue and West 29th Street</b>														
Westbound	L	0.28	21.8	C	L	0.28	21.8	C		Unmitigated				
	T	1.27	165.1	F	T	1.46	246.2	F	+					
Southbound	TR	0.84	27.9	C	TR	0.87	29.5	C						
	Intersection			E	Intersection			99.1	F					

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday PM Peak Hour

Intersection	Weekday PM Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Eighth Avenue and West 42nd Street</b>															
Eastbound	L	0.89	63.4	E	L	0.89	63.4	E							
	T	0.32	12.3	B	T	0.34	12.5	B							
Westbound	T	1.06	94.7	F	T	1.09	106.0	F	+						
	-	-	-	-	-	-	-	-	-						
	R	0.15	26.8	C	R	0.15	26.8	C							
Northbound	T	0.66	27.4	C	T	0.68	28.0	C							
	R	1.11	171.3	F	R	1.11	171.3	F							
	Intersection			49.8	D	Intersection			52.1	D					
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.42	31.2	C	L	0.42	31.2	C							
	T	1.09	94.9	F	T	1.15	116.9	F	+						
Northbound	T	0.45	14.4	B	T	0.47	14.7	B							
	R	1.31	211.9	F	R	1.40	249.1	F	+						
	Intersection			67.1	E	Intersection			80.3	F					
<b>Eighth Avenue and West 34th Street</b>															
Eastbound	T	0.96	58.5	E	T	1.00	67.5	E	+	T	0.94	52.5	D		
Westbound	T	1.15	115.7	F	T	1.20	138.7	F	+	T	1.13	108.3	F		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	R	0.41	27.2	C	R	0.41	27.2	C		R	0.38	24.8	C		
Northbound	L	0.67	55.7	E	L	0.67	55.7	E		L	0.67	55.7	E		
	TR	0.74	25.6	C	TR	0.77	26.7	C		TR	0.81	30.0	C		
	Intersection			60.4	E	Intersection			69.6	E	Intersection			58.6	E
<b>Eighth Avenue and West 33rd Street</b>															
Westbound	TR	0.13	18.1	B	TR	0.13	18.1	B		TR	0.13	19.5	B		
Northbound	L	1.12	131.1	F	L	1.25	178.9	F	+	L	1.10	120.7	F		
	TR	0.47	19.7	B	TR	0.49	19.9	B		TR	0.47	18.4	B		
	Intersection			45.8	D	Intersection			59.3	E	Intersection			43.8	D
<b>Eighth Avenue and West 30th Street</b>															
Eastbound	L	0.97	70.6	E	L	1.09	103.7	F	+						
	T	1.02	67.0	E	T	1.18	121.3	F	+						
Northbound	TR	0.50	18.7	B	TR	0.51	18.9	B							
	Intersection			42.0	D	Intersection			66.6	E					
<b>Eighth Avenue and West 29th Street</b>															
Westbound	TR	1.38	210.1	F	TR	1.54	278.8	F	+						
Northbound	L	0.97	80.9	F	L	1.00	89.4	F	+						
	T	0.32	14.2	B	T	0.33	14.3	B							
	Intersection			101.4	F	Intersection			135.0	F					
<b>Eighth Avenue and West 23rd Street</b>															
Eastbound	T	0.93	59.7	E	T	0.97	67.6	E	+	T	0.93	59.4	E		
Westbound	T	0.56	30.5	C	T	0.64	32.8	C		T	0.62	31.3	C		
	-	-	-	-	-	-	-	-	-	-	-	-	-		
	R	0.59	34.4	C	R	0.59	34.4	C		R	0.57	32.6	C		
Northbound	L	0.25	35.6	D	L	0.25	35.6	D		L	0.25	35.6	D		
	TR	0.53	18.1	B	TR	0.55	18.4	B		TR	0.57	19.2	B		
	Intersection			30.2	C	Intersection			32.2	C	Intersection			30.7	C
<b>Seventh Avenue and West 30th Street</b>															
Eastbound	T	0.87	44.6	D	T	0.97	59.7	E	+						
	R	0.72	38.9	D	R	0.83	48.4	D							
Southbound	L	0.91	72.6	E	L	0.91	72.6	E							
	T	0.55	18.9	B	T	0.55	18.9	B							
	Intersection			31.8	C	Intersection			37.4	D					
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.51	28.3	C	L	0.51	28.3	C							
	T	1.13	112.2	F	T	1.31	184.4	F	+						
Southbound	T	0.63	20.3	C	T	0.64	20.6	C							
	-	-	-	-	-	-	-	-	-						
	R	1.14	141.1	F	R	1.14	141.1	F							
	Intersection			55.3	E	Intersection			78.6	E					
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	0.85	49.1	D	TR	0.90	56.3	E	+	TR	0.87	50.5	D		
Southbound	L	0.45	19.1	B	L	0.45	19.1	B		L	0.46	20.3	C		
	T	0.57	16.3	B	T	0.58	16.5	B		T	0.60	17.3	B		
	Intersection			23.1	C	Intersection			25.0	C	Intersection			24.5	C
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	1.41	229.3	F	T	1.58	302.2	F	+						
	R	0.52	33.4	C	R	0.52	33.4	C							
Northbound	L	1.15	138.6	F	L	1.30	193.7	F	+						
	T	0.54	16.1	B	T	0.54	16.1	B							
	Intersection			78.3	E	Intersection			106.9	F					
<b>Sixth Avenue and West 28th Street</b>															
Eastbound	LT	1.02	82.1	F	LT	1.08	98.1	F	+	LT	1.04	84.9	F		
Northbound	TR	0.67	18.4	B	TR	0.68	18.6	B		TR	0.70	19.5	B		
	Intersection			30.7	C	Intersection			34.5	C	Intersection			32.6	C
<b>Unsignalized Intersections</b>															
<b>Lincoln Tunnel and West 33rd Street</b>															
Southbound	R	0.61	74.7	F	R	1.11	200.7	F	+						
	Unmitigated														

Notes: L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.

<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Weekday Evening Peak Hour

Intersection	Weekday Evening Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 42nd Street</b>															
Eastbound	LTR	0.06	46.8	D	LTR	0.06	46.8	D		LTR	0.06	47.6	D		
Westbound	L	0.23	49.2	D	L	0.23	49.2	D		L	0.24	50.2	D		
	R	0.54	41.1	D	R	0.54	41.1	D		R	0.55	42.2	D		
Northbound	TR	1.11	88.1	F	TR	1.12	92.2	F	+	TR	1.10	86.7	F		
Southbound	L	0.80	80.2	F	L	0.80	80.2	F		L	0.80	80.2	F		
	T	0.69	20.4	C	T	0.69	20.5	C		T	0.69	19.8	B		
Intersection			63.7	E	Intersection			66.2	E		Intersection			62.8	E
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0.00	61.7	E	LTR	0.00	61.7	E		LTR	0.00	61.7	E		
Northbound	TR	0.92	26.9	C	TR	0.95	29.4	C		TR	0.97	33.4	C		
Southbound	L	0.95	118.0	F	L	1.03	138.3	F	+	L	0.93	109.8	F		
	TR	0.56	14.0	B	TR	0.56	14.0	B		TR	0.57	15.2	B		
Intersection			25.9	C	Intersection			28.5	C		Intersection			30.5	C
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		LR	0.00	47.2	D		
Westbound	L	0.14	53.0	D	L	0.14	53.0	D		L	0.12	49.4	D		
	R	1.56	333.1	F	R	1.77	424.2	F	+	R	1.54	320.4	F		
Northbound	T	0.78	16.8	B	T	0.78	16.9	B		T	0.81	20.1	C		
Southbound	TR	0.55	12.1	B	TR	0.55	12.1	B		TR	0.57	14.2	B		
Intersection			40.8	D	Intersection			52.0	D		Intersection			45.2	D
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.40	23.2	C	T	0.40	23.2	C		T	0.40	23.2	C		
	R	1.73	375.9	F	R	1.73	375.9	F		R	1.73	375.9	F		
Westbound	L	0.72	57.4	E	L	0.77	62.4	E	+	L	0.71	55.1	E		
	LT	0.34	11.7	B	LT	0.34	11.7	B		LT	0.33	11.1	B		
Southbound	L	0.2	23.3	C	L	0.2	23.3	C		L	0.21	24.2	C		
	T	0.85	33.6	C	T	0.85	33.6	C		T	0.88	36.0	D		
	R	0.38	28.2	C	R	0.38	28.2	C		R	0.41	30.0	C		
Intersection			85.6	F	Intersection			85.8	F		Intersection			86.7	F
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	1.11	116.7	F	+	Unmitigated					
Westbound	L	0.78	50.7	D	L	0.70	44.5	D							
	LT	0.52	34.5	C	LT	0.59	36.1	D							
Southbound	TR	0.72	25.9	C	TR	0.78	27.6	C							
	Intersection			30.1	C	Intersection			43.2					D	
<b>Eleventh Avenue and West 24th Street</b>															
Eastbound	R	0.15	25.8	C	R	0.15	25.8	C		R	0.17	27.5	C		
Northbound	L	0.31	27.5	C	L	0.31	27.5	C		L	0.34	29.3	C		
Southbound	L	0.27	8.3	A	L	0.27	8.3	A		L	0.27	8.3	A		
	TR	1.08	86.8	F	TR	1.14	109.5	F	+	TR	1.07	78.2	E		
	R	0.43	29.8	C	R	0.45	30.5	C		R	0.40	27.5	C		
Intersection			59.0	E	Intersection			73.4	E		Intersection			55.0	D
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.41	253.5	F	TR	1.47	278.0	F	+	TR	1.39	240.0	F		
Northbound	T	0.90	29.4	C	T	0.91	29.9	C		T	0.93	33.0	C		
Southbound	T	0.50	12.3	B	T	0.50	12.3	B		T	0.51	13.3	B		
Intersection			68.8	E	Intersection			75.3	E		Intersection			69.4	E
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>															
Westbound	R	0.05	10.9	B	R	0.05	10.9	B		R	0.05	11.7	B		
Northbound	T	0.18	41.7	D	T	0.18	41.7	D		T	0.17	40.1	D		
Intersection			32.7	C	Intersection			32.7	C		Intersection			31.8	C
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.61	32.9	C	L	1.08	100.8	F	+	Unmitigated					
	T	1.09	100.5	F	T	1.37	211.2	F	+						
Northbound	T	0.80	27.4	C	T	0.82	28.2	C							
	R	1.87	427.5	F	R	1.85	419.4	F							
Intersection			129.2	F	Intersection			151.1	F						
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.28	19.0	B	LT	0.30	19.3	B		Unmitigated					
Westbound	TR	1.10	109.4	F	TR	1.13	123.0	F	+						
	Northbound	LTR	1.04	58.8	E	LTR	1.04	59.0	E						
Intersection			62.8	E	Intersection			65.2	E						
<b>Ninth Avenue and West 35th Street</b>															
Westbound	LT	0.98	70.3	E	LT	1.02	80.7	F	+	LT	0.99	70.4	E		
Southbound	TR	0.48	12.9	B	TR	0.49	13.0	B		TR	0.50	13.7	B		
Intersection			28.5	C	Intersection			31.8	C		Intersection			29.4	C
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.24	21.0	C	L	0.24	21.0	C		L	0.22	19.5	B		
	T	1.01	71.0	E	T	1.08	90.4	F	+	T	1.02	70.1	E		
Southbound	TR	0.84	27.5	C	TR	0.86	28.3	C		TR	0.90	33.1	C		
Intersection			38.3	D	Intersection			44.5	D		Intersection			42.2	D
<b>Eighth Avenue and West 42nd Street</b>															
Eastbound	L	0.77	49.3	D	L	0.77	49.3	D		L	0.81	54.4	D		
	T	0.39	13.3	B	T	0.40	13.4	B		T	0.40	13.4	B		
Westbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	1.13	120.8	F	TR	1.15	127.3	F	+	TR	1.11	110.3	F		
	-	-	-	-	-	-	-	-		-	-	-	-		
Northbound	T	0.64	27.1	C	T	0.66	27.5	C		T	0.66	27.5	C		
	R	1.10	171.5	F	R	1.10	171.5	F		R	1.10	171.5	F		
Intersection			53.3	D	Intersection			54.6	D		Intersection			51.6	D

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
 Weekday Evening Peak Hour

Intersection	Weekday Evening Peak Hour												
	No Action				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
<b>Signalized Intersections</b>													
<b>Eighth Avenue and West 36th Street</b>													
Eastbound	L	0.41	29.6	C	L	0.41	29.6	C		Unmitigated			
	T	1.13	108.5	F	T	1.16	120.4	F	+				
Northbound	T	0.44	14.3	B	T	0.45	14.5	B					
	R	1.22	162.8	F	R	1.26	179.2	F	+				
	Intersection			E	Intersection			E					
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.03	78.7	E	T	1.05	86.3	F	+	T	1.02	75.5	E
Westbound	-	-	-	-	-	-	-	-	-	-	-	-	-
	TR	1.19	135.8	F	TR	1.20	141.5	F	+	TR	1.16	126.1	F
	-	-	-	-	-	-	-	-	-	-	-	-	-
Northbound	L	0.47	44.9	D	L	0.47	44.9	D		L	0.47	44.9	D
	TR	0.70	24.3	C	TR	0.72	24.8	C		TR	0.74	26.1	C
	Intersection			E	Intersection			E		Intersection			E
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.08	17.7	B	TR	0.08	17.7	B		TR	0.09	18.3	B
Northbound	L	1.09	121.1	F	L	1.14	137.0	F	+	L	1.07	111.1	F
	TR	0.48	19.8	B	TR	0.49	20.0	B		TR	0.48	19.2	B
	Intersection			D	Intersection			D		Intersection			D
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.20	133.2	F	TR	1.26	156.6	F	+	TR	1.19	127.5	F
Northbound	L	0.72	38.4	D	L	0.74	39.7	D		L	0.82	50.1	D
	T	0.32	14.3	B	T	0.33	14.3	B		T	0.34	15.6	B
	Intersection			E	Intersection			E		Intersection			E
<b>Eighth Avenue and West 23rd Street</b>													
Eastbound	T	0.98	69.8	E	T	1.02	79.5	E	+	T	0.98	69.2	E
Westbound	-	-	-	-	-	-	-	-	-	-	-	-	-
	TR	1.09	105.3	F	TR	1.11	112.5	F	+	TR	1.07	98.3	F
	-	-	-	-	-	-	-	-	-	-	-	-	-
Northbound	L	0.05	32.0	C	L	0.05	32.0	C		L	0.05	32.0	C
	TR	0.51	17.8	B	TR	0.52	17.9	B		TR	0.53	18.7	B
	Intersection			D	Intersection			D		Intersection			D
<b>Seventh Avenue and West 29th Street</b>													
Westbound	L	0.36	24.0	C	L	0.36	24.0	C		L	0.34	22.1	C
	T	1.00	68.1	E	T	1.06	87.1	F	+	T	1.00	66.9	E
Southbound	-	-	-	-	-	-	-	-	-	-	-	-	-
	TR	0.77	24.1	C	TR	0.78	24.4	C		TR	0.82	27.4	C
	-	-	-	-	-	-	-	-	-	-	-	-	-
	Intersection			D	Intersection			D		Intersection			D
<b>Sixth Avenue and West 29th Street</b>													
Westbound	T	1.09	101.5	F	T	1.14	117.9	F	+	T	1.10	102.2	F
	R	0.36	27.3	C	R	0.36	27.3	C		R	0.34	26.2	C
Northbound	L	0.73	34.7	C	L	0.79	40.4	D		L	0.82	45.6	D
	T	0.47	15.3	B	T	0.47	15.3	B		T	0.48	16.0	B
	Intersection			D	Intersection			D		Intersection			D
<b>Sixth Avenue and West 28th Street</b>													
Eastbound	LT	1.00	73.7	E	LT	1.03	82.6	F	+	LT	0.99	70.6	E
Northbound	TR	0.61	17.2	B	TR	0.61	17.3	B		TR	0.63	18.1	B
	Intersection			C	Intersection			C		Intersection			C
<b>Sixth Avenue and West 23rd Street</b>													
Eastbound	T	0.99	62.2	E	T	1.02	70.5	E	+	Unmitigated			
Westbound	-	-	-	-	-	-	-	-	-				
	TR	0.62	27.8	C	TR	0.64	28.7	C					
	-	-	-	-	-	-	-	-	-				
Northbound	L	0.34	21.2	C	L	0.34	21.2	C					
	T	0.44	14.9	B	T	0.44	14.9	B					
	R	0.94	73.1	E	R	0.94	73.1	E					
	Intersection			C	Intersection			C					

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.

<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Saturday Middy/Afternoon Peak Hour

Intersection	Saturday Middy/Afternoon Peak Hour														
	No Action				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		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D		
Northbound	TR	0.83	21.8	C	TR	0.84	22.2	C		TR	0.85	23.3	C		
Southbound	L	1.22	186.5	F	L	1.26	201.1	F	+	L	1.19	173.2	F		
	TR	0.79	20.8	C	TR	0.79	20.8	C		TR	0.81	21.8	C		
	Intersection			29.6	C	Intersection			30.7	C	Intersection			30.3	C
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.27	19.8	B	T	0.27	19.8	B		T	0.27	19.8	B		
	R	1.93	461.8	F	R	1.93	461.8	F		R	1.93	461.8	F		
Westbound	L	1.03	126.4	F	L	1.10	146.6	F	+	L	0.99	110.2	F		
	LT	0.49	15.1	B	LT	0.49	15.1	B		LT	0.48	14.4	B		
Southbound	L	0.18	21.6	C	L	0.18	21.6	C		L	0.19	22.5	C		
	T	0.81	30.7	C	T	0.81	30.5	C		T	0.83	32.2	C		
	R	0.44	27.8	C	R	0.44	27.8	C		R	0.46	29.4	C		
	Intersection			120.9	F	Intersection			122.2	F	Intersection			121.3	F
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	-	-	-	-		-	-	-	-		
Southbound	LTR	1.09	75.6	E	LT	1.11	85.5	F	+	LTR	1.08	72.2	E		
	Intersection			75.6	E	Intersection			85.5	F	Intersection			72.2	E
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.58	32.7	C	L	0.86	51.7	D		Unmitigated					
	T	1.62	320.0	F	T	1.67	344.6	F	+						
Northbound	T	0.88	31.6	C	T	0.89	32.1	C							
	R	1.19	154.5	F	R	1.19	154.5	F							
	Intersection			123.0	F	Intersection			128.7					F	
<b>Tenth Avenue and West 23rd Street</b>															
Eastbound	LT	0.42	20.8	C	LT	0.42	20.9	C		Unmitigated					
Westbound	TR	1.14	127.6	F	TR	1.17	140.3	F	+						
Northbound	LTR	1.00	48.1	D	LTR	0.99	46.3	D							
	Intersection			55.3	E	Intersection			56.2					E	
	Intersection			55.3	E	Intersection			56.2					E	
<b>Ninth Avenue and West 35th Street</b>															
Westbound	LT	1.07	93.7	F	LT	1.08	99.5	F	+	LT	1.05	86.7	F		
Southbound	TR	0.60	14.7	B	TR	0.61	14.8	B		TR	0.62	15.6	B		
	Intersection			34.4	C	Intersection			36.0	D	Intersection			33.4	C
<b>Ninth Avenue and West 29th Street</b>															
Westbound	L	0.26	22.1	C	L	0.26	22.1	C		L	0.25	21.3	C		
	T	1.28	171.4	F	T	1.33	190.9	F	+	T	1.29	172.5	F		
Southbound	TR	0.93	35.0	D	TR	0.93	35.5	D		TR	0.96	39.9	D		
	Intersection			72.7	E	Intersection			79.6	E	Intersection			77.2	E
<b>Eighth Avenue and West 36th Street</b>															
Eastbound	L	0.81	51.5	D	L	0.81	51.5	D		Unmitigated					
	T	1.23	146.6	F	T	1.25	153.4	F	+						
Northbound	T	0.50	16.2	B	T	0.51	16.4	B							
	R	1.15	139.6	F	R	1.14	135.7	F							
	Intersection			82.8	F	Intersection			84.7					F	
<b>Eighth Avenue and West 33rd Street</b>															
Westbound	TR	0.02	17.6	B	TR	0.02	17.6	B		TR	0.02	18.2	B		
Northbound	L	1.10	125.0	F	L	1.13	136.6	F	+	L	1.05	109.1	F		
	TR	0.52	21.6	C	TR	0.53	21.7	C		TR	0.52	20.9	C		
	Intersection			44.2	D	Intersection			47.2	D	Intersection			40.4	D
<b>Eighth Avenue and West 29th Street</b>															
Westbound	TR	1.06	81.6	F	TR	1.10	94.6	F	+	Unmitigated					
Northbound	L	1.08	109.8	F	L	1.10	115.2	F	+						
	T	0.40	15.1	B	T	0.40	15.1	B							
	Intersection			48.4	D	Intersection			53.5					D	
	Intersection			48.4	D	Intersection			53.5					D	
<b>Eighth Avenue and West 23rd Street</b>															
Eastbound	T	0.99	73.3	E	T	1.00	75.8	E		T	0.96	66.5	E		
Westbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	1.11	113.5	F	TR	1.12	119.5	F	+	TR	1.08	104.5	F		
	-	-	-	-	-	-	-	-		-	-	-	-		
Northbound	L	0.26	35.5	D	L	0.26	35.5	D		L	0.26	35.5	D		
	TR	0.53	17.4	B	TR	0.53	17.5	B		TR	0.54	18.3	B		
	Intersection			48.1	D	Intersection			50.0	D	Intersection			45.6	D
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.41	25.1	C	L	0.41	25.1	C		L	0.40	24.0	C		
	T	0.94	55.7	E	T	0.98	65.0	E	+	T	0.95	57.2	E		
Southbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	0.68	21.6	C	TR	0.69	21.8	C		TR	0.71	22.8	C		
	-	-	-	-	-	-	-	-		-	-	-	-		
	Intersection			31.1	C	Intersection			34.0	C	Intersection			32.4	C
<b>Seventh Avenue and West 28th Street</b>															
Eastbound	TR	1.01	80.2	F	TR	1.05	89.0	F	+	TR	1.01	76.7	E		
Southbound	L	0.40	17.2	B	L	0.40	17.2	B		L	0.41	18.2	B		
	T	0.52	15.5	B	T	0.52	15.6	B		T	0.53	16.4	B		
	Intersection			32.2	C	Intersection			34.9	C	Intersection			32.2	C

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
 Saturday Midday/Afternoon Peak Hour

Intersection	Saturday Midday/Afternoon Peak Hour												
	No Action				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	
<b>Signalized Intersections</b>													
<b>Sixth Avenue and West 29th Street</b>													
Westbound	T	0.94	61.7	E	T	0.97	66.1	E					Unmitigated
	R	0.28	25.9	C	R	0.28	25.9	C					
Northbound	L	1.13	131.9	F	L	1.19	151.7	F	+				
	T	0.50	17.4	B	T	0.50	17.4	B					
	Intersection		38.9	D	Intersection		42.5	D					
<b>Notes:</b> L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact. <sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.													

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Saturday Evening Peak Hour

Intersection	Saturday Evening Peak Hour														
	No Action				With Action				With Action						
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS		Lane Group	v/c Ratio	Delay (sec)	LOS		
<b>Signalized Intersections</b>															
<b>Twelfth Avenue and West 42nd Street</b>															
Eastbound	LTR	0.03	32.0	C	LTR	0.03	32.0	C		LTR	0.03	32.7	C		
Westbound	L	0.21	34.2	C	L	0.21	34.2	C		L	0.22	35.1	D		
	R	0.42	18.9	B	R	0.42	18.9	B		R	0.43	19.6	B		
Northbound	TR	1.17	120.5	F	TR	1.19	126.7	F	+	TR	1.16	115.3	F		
Southbound	L	0.68	48.8	D	L	0.68	48.8	D		L	0.68	48.8	D		
	T	1.03	59.5	E	T	1.05	65.8	E	+	T	1.03	59.3	E		
Intersection			85.7	F	Intersection			91.1	F		Intersection			83.2	F
<b>Twelfth Avenue and West 30th Street</b>															
Eastbound	LTR	0.00	46.8	D	LTR	0.00	46.8	D		LTR	0.00	46.8	D		
Northbound	TR	0.72	18.2	B	TR	0.75	19.1	B		TR	0.76	19.9	B		
Southbound	L	1.15	158.7	F	L	1.18	170.6	F	+	L	1.12	146.1	F		
	TR	0.72	18.6	B	TR	0.72	18.6	B		TR	0.73	19.4	B		
Intersection			25.7	C	Intersection			26.8	C		Intersection			26.3	C
<b>Twelfth Avenue and West 29th Street</b>															
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D		Unmitigated					
Westbound	L	0.11	40.7	D	L	0.11	40.7	D							
	R	1.37	236.8	F	R	1.59	329.4	F	+						
Northbound	T	0.59	14.0	B	T	0.60	14.3	B							
Southbound	TR	0.71	16.8	B	TR	0.71	16.8	B							
	Intersection			35.0	C	Intersection			46.7					D	
<b>Eleventh Avenue and West 42nd Street</b>															
Eastbound	T	0.31	20.4	C	T	0.31	20.4	C		T	0.31	20.4	C		
	R	1.72	371.1	F	R	1.72	371.1	F		R	1.72	371.1	F		
Westbound	L	0.99	114.3	F	L	1.09	144.3	F	+	L	0.98	108.5	F		
	LT	0.38	13.3	B	LT	0.38	13.3	B		LT	0.37	12.7	B		
Southbound	L	0.11	20.6	C	L	0.11	20.6	C		L	0.11	21.3	C		
	T	0.80	30.3	C	T	0.84	31.9	C		T	0.87	34.1	C		
	R	0.41	26.5	C	R	0.41	26.5	C		R	0.43	28.0	C		
Intersection			86.5	F	Intersection			87.5	F		Intersection			86.9	F
<b>Eleventh Avenue and West 34th Street</b>															
Eastbound	L	0.27	18.0	B	L	0.28	19.3	B		Unmitigated					
	T	0.46	29.4	C	T	0.44	29.0	C							
	R	0.68	42.8	D	R	1.24	170.5	F	+						
Westbound	L	0.89	56.1	E	L	0.98	74.7	E	+						
	TR	0.62	33.6	C	TR	0.74	38.9	D							
Southbound	LTR	0.78	24.5	C	LTR	0.88	29.2	C							
	Intersection			30.6	C	Intersection			49.6	D					
<b>Eleventh Avenue and West 33rd Street</b>															
Eastbound	-	-	-	-	R	1.21	155.1	F	+	Unmitigated					
Westbound	L	0.83	54.9	D	L	0.91	66.3	E	+						
	LT	0.55	35.0	D	LT	0.90	52.8	D							
Southbound	TR	0.62	24.1	C	TR	1.02	53.6	D							
Intersection			30.0	C	Intersection			68.6	E						
<b>Eleventh Avenue and West 32nd Street Extension</b>															
Eastbound	TR	0.00	28.0	C	-	-	-	-		-	-	-	-		
Southbound	LTR	0.93	35.5	D	LT	1.07	69.7	E	+	LT	1.01	48.7	D		
	Intersection			35.5	D	Intersection			69.7	E	Intersection			48.7	D
<b>Eleventh Avenue and West 24th Street</b>															
Eastbound	R	0.24	26.8	C	R	0.24	26.8	C		R	0.25	27.7	C		
Northbound	L	0.30	27.3	C	L	0.30	27.3	C		L	0.32	28.2	C		
Southbound	L	0.42	10.0	B	L	0.42	10.0	B		L	0.42	10.0	B		
	TR	1.02	64.9	E	TR	1.07	80.3	F	+	TR	1.03	67.5	E		
	R	0.20	25.0	C	R	0.21	25.0	C		R	0.20	24.1	C		
Intersection			42.6	D	Intersection			51.3	D		Intersection			44.7	D
<b>Twelfth Avenue and Eleventh Avenue</b>															
Westbound	TR	1.24	161.6	F	TR	1.28	178.4	F	+	TR	1.24	161.8	F		
Northbound	T	0.78	24.3	C	T	0.80	25.0	C		T	0.81	26.1	C		
Southbound	T	0.58	15.2	B	T	0.58	15.2	B		T	0.59	15.9	B		
	Intersection			53.0	D	Intersection			57.7	E	Intersection			54.5	D
<b>Eleventh Avenue and West 22nd Street<sup>1</sup></b>															
Westbound	R	0.07	13.3	B	R	0.07	13.3	B		R	0.07	13.8	B		
Northbound	T	0.06	26.1	C	T	0.06	26.1	C		T	0.06	25.4	C		
	Intersection			18.9	B	Intersection			18.9	B	Intersection			18.9	B
<b>Tenth Avenue and West 33rd Street</b>															
Westbound	TR	0.71	33.2	C	TR	0.96	59.3	E	+	TR	0.93	52.4	D		
Northbound	LT	0.76	22.3	C	LT	0.90	28.6	C		LT	0.93	31.3	C		
	Intersection			24.3	C	Intersection			35.0	C	Intersection			35.7	D
<b>Tenth Avenue and West 30th Street</b>															
Eastbound	L	0.55	30.7	C	L	1.02	83.1	F	+	Unmitigated					
	T	1.23	151.5	F	T	1.51	273.4	F	+						
Northbound	T	0.82	28.2	C	T	0.91	33.5	C							
	R	1.58	300.1	F	R	1.77	384.0	F	+						
Intersection			109.1	F	Intersection			152.3	F						
<b>Tenth Avenue and West 29th Street</b>															
Westbound	T	0.55	27.9	C	T	0.62	29.9	C		T	0.57	26.0	C		
	R	0.88	49.8	D	R	1.03	82.6	F	+	R	0.92	54.2	D		
Northbound	LT	0.67	20.1	C	LT	0.71	20.9	C		LT	0.77	24.1	C		
	Intersection			25.8	C	Intersection			32.1	C	Intersection			29.2	C

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Saturday Evening Peak Hour

Intersection	Saturday Evening Peak Hour												
	No Action				With Action				With Action				
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS		Lane Group	v/c Ratio	Delay (sec)	LOS
<b>Signalized Intersections</b>													
<b>Tenth Avenue and West 23rd Street</b>													
Eastbound	LT	0.30	19.3	B	LT	0.33	19.6	B		Unmitigated			
Westbound	TR	1.10	108.4	F	TR	1.20	145.4	F	+				
Northbound	LTR	0.95	39.0	D	LTR	0.99	46.9	D					
		Intersection	49.6	D	Intersection		62.5	E					
<b>Ninth Avenue and West 42nd Street</b>													
Eastbound	T	0.95	62.8	E	T	0.97	68.5	E	+	T	0.94	59.5	E
	R	1.02	102.6	F	R	1.02	102.6	F		R	0.97	86.1	F
Westbound	L	0.64	54.6	D	L	0.64	54.6	D		L	0.64	54.6	D
	T	0.27	15.8	B	T	0.29	16.1	B		T	0.29	15.4	B
Southbound	L	0.74	62.2	E	L	0.74	62.2	E		L	0.74	62.2	E
	TR	0.78	26.2	C	TR	0.81	27.1	C		TR	0.83	28.8	C
		Intersection	42.1	D	Intersection		43.4	D		Intersection		41.3	D
<b>Ninth Avenue and West 35th Street</b>													
Westbound	LT	0.80	42.6	D	LT	0.90	55.1	E	+	LT	0.87	49.2	D
Southbound	TR	0.63	15.1	B	TR	0.66	15.7	B		TR	0.68	16.6	B
		Intersection	20.2	C	Intersection		23.9	C		Intersection		23.4	C
<b>Ninth Avenue and West 30th Street</b>													
Eastbound	T	0.49	30.0	C	T	0.60	32.2	C		T	0.57	30.9	C
	R	0.96	60.9	E	R	1.01	71.6	E	+	R	0.96	60.0	E
Southbound	LTR	0.80	28.2	C	LTR	0.80	28.3	C		LTR	0.83	30.0	C
		Intersection	36.7	D	Intersection		39.9	D		Intersection		37.7	D
<b>Ninth Avenue and West 29th Street</b>													
Westbound	L	0.25	21.9	C	L	0.25	21.9	C		L	0.23	19.5	B
	T	1.03	75.7	E	T	1.15	118.0	F	+	T	1.05	80.2	F
Southbound	TR	0.90	32.0	C	TR	0.91	33.5	C		TR	0.99	49.0	D
		Intersection	42.1	D	Intersection		54.9	D		Intersection		55.7	E
<b>Ninth Avenue and West 23rd Street</b>													
Eastbound	T	0.45	30.9	C	T	0.49	31.7	C		T	0.45	29.3	C
	R	0.57	38.7	D	R	0.57	38.7	D		R	0.52	34.6	C
Westbound	T	0.88	56.3	E	T	0.98	75.2	E	+	T	0.91	57.6	E
Southbound	L	0.72	54.0	D	L	0.72	54.0	D		L	0.72	54.0	D
	TR	0.63	17.8	B	TR	0.64	18.0	B		TR	0.67	19.8	B
		Intersection	29.1	C	Intersection		32.9	C		Intersection		30.5	C
<b>Eighth Avenue and West 42nd Street</b>													
Eastbound	L	0.64	43.7	D	L	0.64	43.7	D		L	0.68	47.1	D
	T	0.49	15.9	B	T	0.50	16.2	B		T	0.50	16.2	B
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	0.92	63.5	E	TR	0.96	70.0	E	+	TR	0.92	61.2	E
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	T	0.23	20.0	C	T	0.25	20.3	C		T	0.25	20.3	C
	R	1.06	175.4	F	R	1.06	175.4	F		R	1.06	175.4	F
		Intersection	39.5	D	Intersection		40.9	D		Intersection		39.1	D
<b>Eighth Avenue and West 37th Street</b>													
Westbound	T	1.04	75.8	E	T	1.10	97.4	F	+	T	1.05	76.3	E
	R	0.57	37.0	D	R	0.57	37.0	D		R	0.52	32.5	C
Northbound	L	0.42	36.7	D	L	0.42	36.7	D		L	0.42	36.7	D
	T	0.46	16.3	B	T	0.48	16.6	B		T	0.50	18.1	B
		Intersection	43.1	D	Intersection		52.3	D		Intersection		44.1	D
<b>Eighth Avenue and West 36th Street</b>													
Eastbound	L	0.67	39.1	D	L	0.67	39.1	D		L	0.64	36.8	D
	T	1.17	124.2	F	T	1.21	137.5	F	+	T	1.18	123.6	F
Northbound	T	0.36	14.4	B	T	0.38	14.6	B		T	0.38	15.3	B
	R	0.74	40.8	D	R	0.77	43.8	D		R	0.79	47.7	D
		Intersection	66.5	E	Intersection		72.2	E		Intersection		66.8	E
<b>Eighth Avenue and West 34th Street</b>													
Eastbound	T	1.03	79.1	E	T	1.06	87.9	F	+	T	1.00	68.0	E
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.16	123.6	F	TR	1.21	143.6	F	+	TR	1.13	112.4	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.65	54.2	D	L	0.65	54.2	D		L	0.65	54.2	D
	TR	0.68	24.1	C	TR	0.70	24.8	C		TR	0.74	27.5	C
		Intersection	68.4	E	Intersection		76.8	E		Intersection		63.8	E
<b>Eighth Avenue and West 33rd Street</b>													
Westbound	TR	0.03	17.8	B	TR	0.03	17.8	B		TR	0.03	19.1	B
Northbound	L	0.93	80.3	F	L	1.10	126.4	F	+	L	0.96	83.2	F
	TR	0.46	20.7	C	TR	0.48	21.0	C		TR	0.45	19.4	B
		Intersection	33.4	C	Intersection		46.0	D		Intersection		34.5	C
<b>Eighth Avenue and West 29th Street</b>													
Westbound	TR	1.00	65.8	E	TR	1.12	101.2	F	+	Unmitigated			
Northbound	L	0.75	40.2	D	L	0.76	41.0	D					
	T	0.30	14.1	B	T	0.32	14.2	B					
		Intersection	35.9	D	Intersection		49.7	D					
<b>Eighth Avenue and West 23rd Street</b>													
Eastbound	T	0.79	43.8	D	T	0.83	47.4	D		T	0.78	40.5	D
Westbound	-	-	-	-	-	-	-	-		-	-	-	-
	TR	1.09	107.0	F	TR	1.17	133.6	F	+	TR	1.08	101.4	F
	-	-	-	-	-	-	-	-		-	-	-	-
Northbound	L	0.34	37.4	D	L	0.34	37.4	D		L	0.34	37.4	D
	TR	0.58	18.2	B	TR	0.60	18.5	B		TR	0.63	20.2	C
		Intersection	40.6	D	Intersection		47.4	D		Intersection		40.8	D

2031 No Action, With Action, and Mitigation Conditions Traffic Level of Service Analysis - Alternative Scenario  
Saturday Evening Peak Hour

Intersection	Saturday Evening Peak Hour														
	No Action				With Action					With Action					
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS		Lane Group	v/c Ratio	Delay (sec)	LOS		
<b>Signalized Intersections</b>															
<b>Seventh Avenue and West 29th Street</b>															
Westbound	L	0.34	23.4	C	L	0.34	23.4	C		L	0.33	22.5	C		
	T	0.81	39.5	D	T	0.96	58.3	E	+	T	0.93	51.9	D		
Southbound	-	-	-	-	-	-	-	-		-	-	-	-		
	TR	0.66	21.2	C	TR	0.67	21.4	C		TR	0.69	22.5	C		
	-	-	-	-	-	-	-	-		-	-	-	-		
	Intersection			26.0	C	Intersection			32.0	C	Intersection			30.8	C
<b>Sixth Avenue and West 29th Street</b>															
Westbound	T	0.81	43.9	D	T	0.92	57.8	E	+	Unmitigated					
	R	0.33	26.8	C	R	0.33	26.8	C							
Northbound	L	0.90	58.4	E	L	1.00	83.3	F	+						
	T	0.52	17.7	B	T	0.52	17.7	B							
	Intersection			27.1	C	Intersection			33.4					C	

**Notes:** L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service, + Denotes significant adverse traffic impact.  
<sup>1</sup> The Eleventh Avenue and West 22nd Street intersection is controlled by the same traffic signal as the Twelfth Avenue and Eleventh Avenue intersection and was therefore also included for detailed analysis.

# **Pedestrians**

## Pedestrians Tables

**Table MA-P1**  
**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Weekday AM Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	Fully Mitigated	55.3	C	25.7	D	36.9	D
Eleventh Avenue and West 31st Street	West sidewalk along Eleventh Avenue between West 31st Street and Site B Entrance	None	Unmitigated	42.7	C	31.3	D	31.3	D
Tenth Avenue and West 31st Street	East sidewalk along Tenth Avenue between West 31st Street and Dyer Avenue	None	Unmitigated	21.4	E	18.2	E	18.2	E

**Table MA-P2**  
**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Weekday Midday Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	58.7	C	33.6	D	47.5	C
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	16.7	E	11.9	E	11.9	E
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	12.7	E	11.4	E	11.4	E
Tenth Avenue and West 33rd Street	South sidewalk along West 33rd Street between Tenth Avenue and Ninth Avenue	None	Unmitigated	17.6	E	15.7	E	15.7	E

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

**Table MA-P3**  
**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Weekday PM Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	24.1	D	19.1	E	19.1	E
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	Fully Mitigated	49.0	C	24.4	D	35.0	D
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	7.0	F	5.3	F	5.3	F
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	15.6	E	7.9	F	7.9	F
Tenth Avenue and West 31st Street	East sidewalk along Tenth Avenue between West 31st Street and Dyer Avenue	None	Unmitigated	27.9	D	24.0	D	24.0	D
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	35.7	D	30.4	D	30.4	D
Dyer Avenue and West 31st Street	South sidewalk along West 31st Street between Dyer Avenue and Ninth Avenue	None	Unmitigated	37.7	D	26.1	D	26.1	D
Ninth Avenue and West 31st Street	South sidewalk along West 31st Street between Ninth Avenue and Eighth Avenue	None	Unmitigated	45.1	C	24.9	D	24.9	D

**Table MA-P4**  
**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Weekday Evening Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	47.9	C	31.4	D	31.4	D
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	99.8	B	66.7	C	93.1	B
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	22.6	E	13.3	E	13.3	E
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	33.1	D	10.1	F	10.1	F
Tenth Avenue and West 33rd Street	South sidewalk of West 33rd Street between Tenth Avenue and Ninth Avenue	None	Unmitigated	23.0	E	20.6	E	20.6	E

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

**Table MA-P5**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	64.3	C	59.8	C	83.5	C
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	28.1	D	16.2	E	16.2	E
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	27.4	D	10.5	F	10.5	F
Tenth Avenue and West 33rd Street	South sidewalk of West 33rd Street between Tenth Avenue and Ninth Avenue	None	Unmitigated	25.8	D	21.9	E	21.9	E
	South sidewalk of West 33rd Street between Hudson Boulevard East and Tenth Avenue	None	Unmitigated	38.1	D	28.7	D	28.7	D
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	16.2	E	14.6	E	14.6	E

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

**Table MA-P6**  
**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Proposed Project**  
**Saturday Evening Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	57.6	C	23.3	D	23.3	D
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	102.8	B	112.3	B	156.2	B
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	37.1	D	10.4	F	10.4	F
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	45.1	C	4.0	F	4.0	F
Tenth Avenue and West 33rd Street	South sidewalk of West 33rd Street between Tenth Avenue and Ninth Avenue	None	Unmitigated	32.6	D	23.2	D	23.2	D
	South sidewalk of West 33rd Street between Hudson Boulevard East and Tenth Avenue	None	Unmitigated	60.5	C	29.9	D	29.9	D
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	36.7	D	29.7	D	29.7	D

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

**Table MA-P7**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Weekday AM Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	27.6	C	33.3	C	64.4	A
	Southwest	Add 10 foot bulbout on Eleventh Avenue	N/A*	9.5	E	64.1	A	95.6	A
	Southeast	Add 10 foot bulbout on Eleventh Avenue	N/A*	-1.1	F	16.2	D	31.3	C
Tenth Avenue and West 31st Street	Southeast	Shift 3 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated**	12.2	E	8.9	E	9.5	E
Dyer Avenue and West 31st Street	Southeast	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated	15.6	D	0.9	F	2.6	F
<b>Notes:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour **Mitigation measure proposed to address crosswalk impacts at the intersection									

**Table MA-P8**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Weekday Midday Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	35.4	C	28.4	C	55.1	B
	Southwest	Add 10 foot bulbout on Eleventh Avenue	N/A*	10.8	E	37.4	C	59.4	B
	Southeast	Add 10 foot bulbout on Eleventh Avenue	N/A*	10.0	E	9.8	E	24.7	C
<b>Notes:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour **Mitigation measure proposed to address crosswalk impacts at the intersection									

**Table MA-P9**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Weekday PM Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	22.1	D	17.9	D	38.3	C
	Southwest	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	-1.0	F	24.5	C	41.6	B
	Southeast	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	7.6	F	2.7	F	13.2	E
Tenth Avenue and West 31st Street	Southeast	Shift 3 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated**	9.4	E	7.3	F	7.6	F
Dyer Avenue and West 31st Street	Southwest	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated	27.1	C	10.6	E	12.2	E
<b>Notes:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour **Mitigation measures proposed to address crosswalk impacts at the intersection									

**Table MA-P10**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Weekday Evening Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	53.0	B	34.8	C	68.4	A
	Southwest	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	16.5	D	34.6	C	57.5	B
	Southeast	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	23.2	D	10.0	E	25.4	C

**Notes:**  
 \*Mitigation measure proposed to address significant adverse impact in a separate peak hour  
 \*\*Mitigation measures proposed to address crosswalk impacts at the intersection

**Table MA-P11**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	47.6	B	36.9	C	70.9	A
	Southwest	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	23.3	D	35.9	C	56.6	B
	Southeast	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	12.2	E	1.6	F	16.6	D

**Notes:**  
 \*Mitigation measure proposed to address significant adverse impact in a separate peak hour  
 \*\*Mitigation measures proposed to address crosswalk impacts at the intersection

**Table MA-P12**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Proposed Project**  
**Saturday Evening Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	83.6	A	34.1	C	66.2	A
	Southwest	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	29.7	C	15.6	D	32.2	C
	Southeast	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Partially Mitigated	34.5	C	3.1	F	14.8	E
<b>Notes:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour **Mitigation measures proposed to address crosswalk impacts at the intersection									

**Table MA-P13**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Weekday AM Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet	N/A*	22.9	D	23.1	D	24.8	C
	West	Increase crosswalk width by 3.5 feet	N/A*	15.6	D	17.7	D	22.6	D
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	Fully Mitigated	26.1	C	11.3	E	22.1	D
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Partially Mitigated	14.3	E	6.8	F	10.0	E
	East	None	Unmitigated	14.2	E	11.9	E	11.9	E
Tenth Avenue and West 31st Street	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	21.5	D	17.8	D	20.2	D
Dyer Avenue and West 31st Street	South	Increase crosswalk width by 2.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	9.1	E	5.7	F	8.7	E
Ninth Avenue and West 31st Street	South	Shift 6 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	17.4	D	10.9	E	15.4	D

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

**Table MA-P14**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Weekday Midday Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet	Fully Mitigated	20.8	D	18.6	D	20.0	D
	West	Increase crosswalk width by 3.5 feet	Fully Mitigated	16.2	D	12.2	E	15.6	D
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	N/A*	11.9	E	11.5	E	22.3	D
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Fully Mitigated	18.3	D	12.5	E	17.7	D
	East	None	Unmitigated	14.0	E	7.4	F	7.4	F
Eleventh Avenue and West 24th Street	East	None	Unmitigated	21.9	D	11.6	E	11.6	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Partially Mitigated	5.8	F	4.1	F	5.1	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	12.7	E	11.6	E	11.6	E
Tenth Avenue and West 30th Street	North	Shift 4 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	19.6	D	14.5	E	18.7	D
Dyer Avenue and West 31st Street	South	Increase crosswalk width by 2.5 feet	N/A*	11.6	E	11.3	E	14.9	E
Ninth Avenue and West 31st Street	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	19.3	D	17.5	D	18.5	D

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

**Table MA-P15**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Weekday PM Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	19.4	D	15.5	D	17.9	D
	West	Increase crosswalk width by 3.5 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	13.0	E	8.6	E	12.1	E
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	Fully Mitigated	18.4	D	8.5	E	17.0	D
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Fully Mitigated	12.3	E	8.5	E	12.3	E
	East	None	Unmitigated	9.3	E	2.7	F	2.7	F
Hudson Boulevard East and West 33rd Street	West	Shift 1 second from FDW to Walk for west crosswalk	Fully Mitigated	1.4	F	1.2	F	1.3	F
Tenth Avenue and West 31st Street	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	20.6	D	17.1	D	19.4	D
Tenth Avenue and West 30th Street	North	Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	38.9	C	17.8	D	20.6	D
Dyer Avenue and West 31st Street	South	Increase crosswalk width by 2.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	9.3	E	6.2	F	9.3	E
Ninth Avenue and West 31st Street	South	Shift 6 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	20.4	D	12.3	E	17.4	D

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

**Table MA-P16**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Weekday Evening Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	49.3	B	36.5	C	41.7	B
	South	Add 10 foot bulbouts on southwest and southeast corners on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Partially Mitigated	3.9	F	2.6	F	2.9	F
	West	Increase crosswalk width by 3.5 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	32.7	C	18.3	D	25.2	C
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	N/A*	32.4	C	20.2	D	37.7	C
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	20.7	D	21.5	D	30.1	C
	East	None	Unmitigated	24.5	C	11.7	E	11.7	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Partially Mitigated	3.5	F	2.5	F	3.2	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	18.5	D	15.8	D	15.8	D
Dyer Avenue and West 31st Street	South	Increase crosswalk width by 2.5 feet	Fully Mitigated	20.7	D	14.9	E	19.7	D
Ninth Avenue and West 33rd Street	South	None	Unmitigated	15.8	D	14.2	E	14.2	E

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

**Table MA-P17**

**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	32.2	C	27.8	C	31.8	C
	South	Add 10 foot bulbouts on southwest and southeast corners on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Partially Mitigated	3.8	F	2.1	F	2.4	F
	West	Increase crosswalk width by 3.5 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	25.0	C	16.4	D	22.7	D
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	N/A*	15.5	D	16.1	D	30.6	C
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	16.3	D	21.6	D	30.2	C
	East	None	Unmitigated	13.1	E	3.2	F	3.2	F
Eleventh Avenue and West 24th Street	East	None	Unmitigated	16.9	D	14.3	E	14.3	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Partially Mitigated	3.8	F	2.8	F	3.5	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	20.0	D	16.0	D	16.0	D
Dyer Avenue and West 31st Street	South	Increase crosswalk width by 2.5 feet	N/A*	17.0	D	17.9	D	23.6	D

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

**Table MA-P18**

**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Proposed Project**  
**Saturday Evening Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 1 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	58.3	B	31.2	C	35.7	C
	South	Add 10 foot bulbouts on southwest and southeast corners on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Partially Mitigated	5.6	F	1.3	F	1.4	F
	West	Increase crosswalk width by 3.5 feet; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	Fully Mitigated	49.8	B	16.2	D	22.5	C
Eleventh Avenue and West 32nd Street	West	Increase crosswalk width by 9.5 feet	N/A*	33.6	C	19.8	D	37.1	C
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	16.7	D	23.1	D	32.5	C
	East	None	Unmitigated	25.0	C	5.4	F	5.4	F
	West	None	Unmitigated	21.7	D	14.7	E	14.7	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Partially Mitigated	5.3	F	2.9	F	3.7	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	23.4	D	14.4	E	14.4	E
Dyer Avenue and West 31st Street	North	Shift 1 second from FDW to Walk for north and south crosswalks	Fully Mitigated	22.2	D	18.3	D	19.9	D
	South	Increase crosswalk width by 2 feet; Shift 1 second from FDW to Walk for north and south crosswalks	N/A*	28.2	C	22.9	D	32.2	C

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

**Table MA-P19**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Weekday AM Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	22.6	E	17.6	E	17.6	E
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	Fully Mitigated	55.3	C	25.3	D	36.2	D
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	8.9	F	6.9	F	6.9	F
Tenth Avenue and West 31st Street	East sidewalk along Tenth Avenue between West 31st Street and Dyer Avenue	None	Unmitigated	21.4	E	18.0	E	18.0	E

**Table MA-P20**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Weekday Midday Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	58.7	C	33.1	D	46.8	C
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	16.7	E	14.4	E	14.4	E
Eleventh Avenue and West 30th Street	West sidewalk along Eleventh Avenue between West 30th Street and West 29th Street	None	Unmitigated	32.1	D	27.4	D	27.4	D
Eleventh Avenue and West 29th Street	West sidewalk along Eleventh Avenue between West 29th Street and West 28th Street	None	Unmitigated	35.5	D	30.2	D	30.2	D
Tenth Avenue and West 29th Street	West sidewalk along Tenth Avenue between West 29th Street and West 28th Street	None	Unmitigated	23.9	D	21.0	E	21.0	E
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	11.2	E	8.8	F	8.8	F

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

**Table MA-P21**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Weekday PM Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	South sidewalk along West 33rd Street between Site C2 and Site C1	None	Unmitigated	79.3	C	13.1	E	13.1	E
	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	24.1	D	14.4	E	14.4	E
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	Fully Mitigated	49.0	C	23.9	D	34.4	D
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	7.0	F	1.1	F	1.1	F
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	15.6	E	-1.0	F	-1.0	F
Tenth Avenue and West 33rd Street	South sidewalk along West 33rd Street between Hudson Boulevard East and Tenth Avenue	None	Unmitigated	22.0	E	16.8	E	16.8	E
Tenth Avenue and West 31st Street	East sidewalk along Eleventh Avenue between West 31st Street and Dyer Avenue	None	Unmitigated	27.9	D	23.8	D	23.8	D
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	35.7	D	27.7	D	27.7	D
Dyer Avenue and West 31st Street	South sidewalk along West 31st Street between Dyer Avenue and Ninth Avenue	None	Unmitigated	37.7	D	24.7	D	24.7	D
Ninth Avenue and West 31st Street	South sidewalk along West 31st Street between Ninth Avenue and Eighth Avenue	None	Unmitigated	45.1	C	23.5	D	23.5	D

**Table MA-P22**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Weekday Evening Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	South sidewalk along West 33rd Street between Site C2 and Site C1	None	Unmitigated	79.3	C	13.1	E	13.1	E
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	99.8	B	64.5	C	90.0	B
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	22.6	E	16.8	E	16.8	E
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	33.1	D	13.7	E	13.7	E
<b>Note:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour									

**Table MA-P23**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	South sidewalk along West 33rd Street between Site C2 and Site C1	None	Unmitigated	61.9	C	27.9	D	27.9	D
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	64.3	C	57.1	C	79.8	C
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	16.2	E	14.6	E	14.6	E
<b>Note:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour									

**Table MA-P24**

**2031 No Action, With Action, and Mitigation Conditions Sidewalk Analysis**  
**Alternative Scenario**  
**Saturday Evening Peak Hour**

Intersection	Sidewalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	South sidewalk along West 33rd Street between Site C2 and Site C1	None	Unmitigated	76.6	C	-1.5	F	-1.5	F
	North sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	57.6	C	29.8	D	29.8	D
	East sidewalk along Eleventh Avenue between West 33rd Street and West 32nd Street	Remove flower pot	N/A*	102.8	B	105.6	B	146.9	B
	South sidewalk along West 33rd Street between Eleventh Avenue and Hudson Boulevard East	None	Unmitigated	37.1	D	13.5	E	13.5	E
	South sidewalk along West 33rd Street between With Action Site Entrance and Eleventh Avenue	None	Unmitigated	45.1	C	0.2	F	0.2	F
Tenth Avenue and West 33rd Street	South sidewalk of West 33rd Street between Tenth Avenue and Ninth Avenue	None	Unmitigated	32.6	D	28.1	D	28.1	D
	South sidewalk of West 33rd Street between Hudson Boulevard East and Tenth Avenue	None	Unmitigated	60.5	C	30.7	D	30.7	D
Tenth Avenue and West 28th Street	West sidewalk along Tenth Avenue between West 28th Street and West 27th Street	None	Unmitigated	36.7	D	28.0	D	28.0	D
<b>Note:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour									

**Table MA-P25**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Weekday AM Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue;	N/A*	27.6	C	24.3	C	48.4	B
	Southeast	Add 10 foot bulbout on Eleventh Avenue; shift 3 seconds from FDW to Walk in Phase B for east/west/south crosswalks	N/A*	-1.1	F	2.5	F	12.9	E
Tenth Avenue and West 31st Street	Southeast	Shift 3 seconds from FDW to Walk for north, east, and south crosswalks	Partially Mitigated**	12.2	E	8.8	E	9.7	E
Dyer Avenue and West 31st Street	Northeast	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated**	9.7	E	1.0	F	2.5	F
	Southeast	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated**	15.6	D	1.0	F	2.7	F

**Notes:**  
\* Mitigation measure proposed to address significant adverse impact in a separate peak hour  
\*\* Mitigation measure proposed to address crosswalk impacts at the intersection

**Table MA-P26**  
**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Weekday Midday Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	35.4	C	33.2	C	63.4	A
	Southeast	Add 10 foot bulbout on Eleventh Avenue	N/A*	10.0	E	12.2	E	26.6	C
Tenth Avenue and West 35th Street	Southeast	Shift 3 seconds from FDW to Walk for east and west crosswalks	Fully Mitigated	20.3	D	18.3	D	18.8	D
Tenth Avenue and West 31st Street	Southeast	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	8.4	E	7.8	F	8.8	E

**Note:**  
\* Mitigation measure proposed to address significant adverse impact in a separate peak hour  
\*\* Mitigation measure proposed to address crosswalk impacts at the intersection

**Table MA-P27**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Weekday PM Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue; shift 1 second from FDW to Walk for north crosswalk	Fully Mitigated	22.1	D	11.3	E	X	26.4
	Southeast	Add 10 foot bulbout on Eleventh Avenue	Partially Mitigated	7.6	F	-1.9	F	X	5.2
Tenth Avenue and West 31st Street	Southeast	Shift 3 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated**	9.4	E	6.6	F	7.8	F
Dyer Avenue and West 31st Street	Northwest	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated**	21.3	D	10.5	E	11.9	E
	Northeast	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated**	25.5	C	15.9	D	16.5	D
	Southwest	Shift 2 seconds from FDW to Walk for north and south crosswalks; Shift 3 seconds from FDW to Walk for east and west crosswalks	Partially Mitigated**	27.1	C	9.8	E	11.4	E
<b>Notes:</b>									
*Mitigation measure proposed to address significant adverse impact in a separate peak hour									
**Mitigation measures proposed to address crosswalk impacts at the intersection									

**Table MA-P28**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Weekday Evening Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	53.0	B	44.0	B	84.4	A
	Southeast	Add 10 foot bulbout on Eleventh Avenue	N/A*	23.2	D	20.2	D	37.2	C
<b>Notes:</b>									
*Mitigation measure proposed to address significant adverse impact in a separate peak hour									
**Mitigation measures proposed to address crosswalk impacts at the intersection									

**Table MA-P29**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	47.6	B	62.0	A	114.8	A
	Southeast	Add 10 foot bulbout on Eleventh Avenue	N/A*	12.2	E	21.2	D	43.6	B

**Notes:**  
 \*Mitigation measure proposed to address significant adverse impact in a separate peak hour  
 \*\*Mitigation measures proposed to address crosswalk impacts at the intersection

**Table MA-P30**

**2031 No Action, With Action, and Mitigation Conditions Corner Analysis**  
**Alternative Scenario**  
**Saturday Evening Peak Hour**

Intersection	Corner	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 33rd Street	Northwest	Add 9 foot bulbout on Eleventh Avenue	N/A*	83.6	A	36.1	C	69.1	A
	Southeast	Add 10 foot bulbout on Eleventh Avenue	Partially Mitigated	34.5	C	3.7	F	16.6	D

**Notes:**  
 \*Mitigation measure proposed to address significant adverse impact in a separate peak hour  
 \*\*Mitigation measures proposed to address crosswalk impacts at the intersection

**Table MA-P31**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Weekday AM Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet	N/A*	57.1	B	66.6	A	68.9	A
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 4 feet	Fully Mitigated	22.9	D	18.1	D	23.6	D
	West	Increase crosswalk width by 6 feet	Fully Mitigated	15.6	D	13.2	E	19.7	D
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Partially Mitigated	14.3	E	6.5	F	9.5	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Fully Mitigated	2.0	F	1.5	F	1.8	F
Tenth Avenue and West 31st Street	East	Shift 3 seconds from FDW to Walk for east crosswalk	Fully Mitigated	17.9	D	16.1	D	17.7	D
	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	21.5	D	17.9	D	20.3	D
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	9.0	E	6.8	F	8.3	E
	South	Increase crosswalk width by 2.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	9.1	E	5.8	F	8.8	E
Ninth Avenue and West 31st Street	North	Shift 5 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	17.7	D	13.7	E	19.2	D
	South	Shift 5 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	17.4	D	11.0	E	16.3	D

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

**Table MA-P32**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Weekday Midday Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet; shift 1 second from FDW to Walk for west and east crosswalks	Fully Mitigated	14.6	E	12.7	E	13.7	E
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 4 feet	Fully Mitigated	20.8	D	18.0	D	23.3	D
	West	Increase crosswalk width by 6 feet	Fully Mitigated	16.2	D	14.7	E	21.8	D
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Partially Mitigated	18.3	D	10.8	E	15.3	D
	East	None	Unmitigated	14.0	E	10.9	E	10.9	E
	West	None	Unmitigated	11.3	E	9.2	E	9.2	E
Eleventh Avenue and West 29th Street	West	None	Unmitigated	20.1	D	15.3	D	15.3	D
Eleventh Avenue and West 24th Street	East	None	Unmitigated	21.9	D	11.6	E	11.6	E
Tenth Avenue and West 30th Street	North	Shift 4 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	19.6	D	14.5	E	18.2	D
Tenth Avenue and West 29th Street	West	Shift 2 seconds from FDW to Walk for west and east crosswalks	Fully Mitigated	15.4	D	13.3	E	14.3	E
Tenth Avenue and West 28th Street	East	Shift 3 seconds from FDW to Walk for west and east crosswalks	Partially Mitigated	18.9	D	15.4	D	17.0	D
	West	Shift 3 seconds from FDW to Walk for west and east crosswalks	Fully Mitigated	14.4	E	12.4	E	13.6	E
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet	Fully Mitigated	10.8	E	9.8	E	10.4	E
	South	Increase crosswalk width by 2.5 feet	Fully Mitigated	11.6	E	10.5	E	13.8	E
Ninth Avenue and West 34th Street	South	Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	20.0	D	18.0	D	19.8	D
Ninth Avenue and West 31st Street	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	19.3	D	16.5	D	19.5	D

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

**Table MA-P33**

**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Weekday PM Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet	N/A*	49.3	B	48.0	B	49.6	B
Eleventh Avenue and West 33rd Street	North	Add 9 foot bulbout on northwest corner on Eleventh Avenue; shift 1 second from FDW to Walk for north crosswalk (corner mitigation)	Unmitigated	28.1	C	18.1	D	18.0	D
	East	Increase crosswalk width by 4 feet	Partially Mitigated	19.4	D	12.6	E	16.5	D
	South	Add 10 foot bulbout on southeast corner on Eleventh Avenue (corner mitigation)	Unmitigated	1.8	F	1.2	F	1.1	F
	West	Increase crosswalk width by 6 feet	Partially Mitigated	13.0	E	5.9	F	9.1	E
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	Fully Mitigated	12.3	E	8.0	E	11.6	E
	East	None	Unmitigated	9.3	E	5.1	F	5.1	F
	West	None	Unmitigated	16.8	D	12.4	E	12.4	E
Eleventh Avenue and West 29th Street	West	None	Unmitigated	22.9	D	17.2	D	17.2	D
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Fully Mitigated	1.4	F	1.0	F	1.3	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	7.8	F	7.1	F	7.1	F
Tenth Avenue and West 31st Street	South	Shift 3 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	20.6	D	16.3	D	18.5	D
Tenth Avenue and West 30th Street	North	Shift 4 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	38.9	C	17.2	D	22.2	D
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	6.9	F	5.0	F	6.2	F
	South	Increase crosswalk width by 2.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	9.3	E	5.9	F	8.9	E
Ninth Avenue and West 31st Street	North	Shift 6 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	17.8	D	12.8	E	18.5	D
	South	Shift 6 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	20.4	D	11.7	E	18.3	D
<b>Note:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour									

**Table MA-P34**

**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Weekday Evening Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet	N/A*	58.9	B	72.2	A	74.6	A
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 4 feet	N/A*	49.3	B	43.1	B	55.0	B
	South	Add 10 foot bulbout on southeast corner on Eleventh Avenue (corner mitigation)	Unmitigated	3.9	F	3.4	F	3.2	F
	West	Increase crosswalk width by 6 feet	N/A*	32.7	C	26.7	C	38.8	C
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	20.7	D	20.7	D	29.1	C
Hudson Boulevard East and West 33rd Street	West	Shift 2 seconds from FDW to Walk for west crosswalk	Fully Mitigated	3.5	F	2.9	F	3.4	F
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet; Shift 1 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	17.0	D	14.4	E	16.7	D
	South	Increase crosswalk width by 2.5 feet; Shift 1 seconds from FDW to Walk for north and south crosswalks	Fully Mitigated	20.7	D	15.4	D	21.7	D
<b>Note:</b> *Mitigation measure proposed to address significant adverse impact in a separate peak hour									

**Table MA-P35**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Saturday Midday/Afternoon Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet	N/A*	32.4	C	37.4	C	38.7	C
Eleventh Avenue and West 33rd Street	East	Increase crosswalk width by 4 feet	N/A*	32.2	C	37.1	C	47.4	B
	West	Increase crosswalk width by 6 feet	N/A*	25.0	C	31.3	C	45.2	B
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	16.3	D	20.6	D	28.9	C
	East	None	Unmitigated	13.1	E	11.7	E	11.7	E
Eleventh Avenue and West 24th Street	East	None	Unmitigated	16.9	D	14.3	E	14.3	E
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet	N/A*	13.0	E	14.7	E	15.7	D
	South	Increase crosswalk width by 2.5 feet	N/A*	17.0	D	19.0	D	25.0	C

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

**Table MA-P36**  
**2031 No Action, With Action, and Mitigation Conditions Crosswalk Analysis**  
**Alternative Scenario**  
**Saturday Evening Peak Hour**

Intersection	Crosswalk	Recommended Mitigation Measures	Mitigation Effectiveness	2031 No Action		2031 With Action		2031 Mitigation	
				SFP	LOS	SFP	LOS	SFP	LOS
Eleventh Avenue and West 34th Street	East	Increase crosswalk width by 0.5 feet	N/A*	78.9	A	75.0	A	77.5	A
	East	Increase crosswalk width by 4 feet	N/A*	58.3	B	34.5	C	44.2	B
Eleventh Avenue and West 33rd Street	South	Add 10 foot bulbout on southeast corner on Eleventh Avenue (corner mitigation)	Unmitigated	5.6	F	1.8	F	1.7	F
	West	Increase crosswalk width by 6 feet	Fully Mitigated	49.8	B	17.4	D	25.6	C
Eleventh Avenue and West 30th Street	North	Increase crosswalk width by 3.5 feet	N/A*	16.7	D	22.4	D	31.4	C
	East	None	Unmitigated	25.0	C	15.2	D	15.2	D
	West	None	Unmitigated	21.7	D	11.7	E	11.7	E
Hudson Boulevard East and West 33rd Street	West	Shift 3 seconds from FDW to Walk for west crosswalk	Partially Mitigated	5.3	F	3.6	F	4.6	F
Tenth Avenue and West 33rd Street	South	None	Unmitigated	23.4	D	15.9	D	15.9	D
Dyer Avenue and West 31st Street	North	Increase crosswalk width by 0.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	Partially Mitigated	22.2	D	15.5	D	19.4	D
	South	Increase crosswalk width by 2.5 feet; Shift 2 seconds from FDW to Walk for north and south crosswalks	N/A*	28.2	C	20.8	D	31.2	C

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