

Appendix E: Transportation

Traffic

Traffic Figures



 Development Site

 Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Weekday AM Peak Hour



0 500 FEET

No Action Project Generated Vehicle Trips
Weekday AM Peak Hour



 Development Site

 Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Weekday Midday Peak Hour



No Action Project Generated Vehicle Trips
Weekday Midday Peak Hour

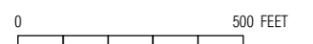


 Development Site

 Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Weekday PM Peak Hour



No Action Project Generated Vehicle Trips
Weekday PM Peak Hour

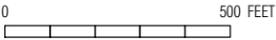


Development Site

Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Weekday Evening Peak Hour



No Action Project Generated Vehicle Trips
Weekday Evening Peak Hour

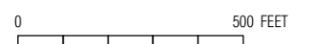


 Development Site

 Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Saturday Midday/Afternoon Peak Hour



No Action Project Generated Vehicle Trips
Saturday Midday/Afternoon Peak Hour

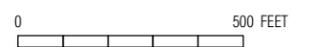


Development Site

Affected Area

0 500 FEET

No Action Project Generated Vehicle Trips
Saturday Evening Peak Hour



No Action Project Generated Vehicle Trips
Saturday Evening Peak Hour

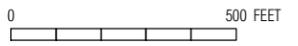


 Development Site

 Affected Area

0 500 FEET

Proposed Project Project Generated Vehicle Trips
Weekday AM Peak Hour



Proposed Project Project Generated Vehicle Trips
Weekday AM Peak Hour



Development Site

Affected Area

0 500 FEET

Proposed Project Project Generated Vehicle Trips
Weekday Midday Peak Hour



Proposed Project Project Generated Vehicle Trips
Weekday Midday Peak Hour



Development Site

Affected Area

0 500 FEET

Proposed Project Project Generated Vehicle Trips
Weekday PM Peak Hour



Proposed Project Project Generated Vehicle Trips
Weekday PM Peak Hour



Development Site

Affected Area

0 500 FEET

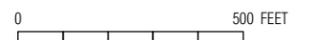
Proposed Project Project Generated Vehicle Trips
Weekday Evening Peak Hour



Development Site

Affected Area

Proposed Project Project Generated Vehicle Trips
Saturday Midday/Afternoon Peak Hour



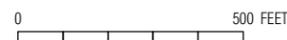
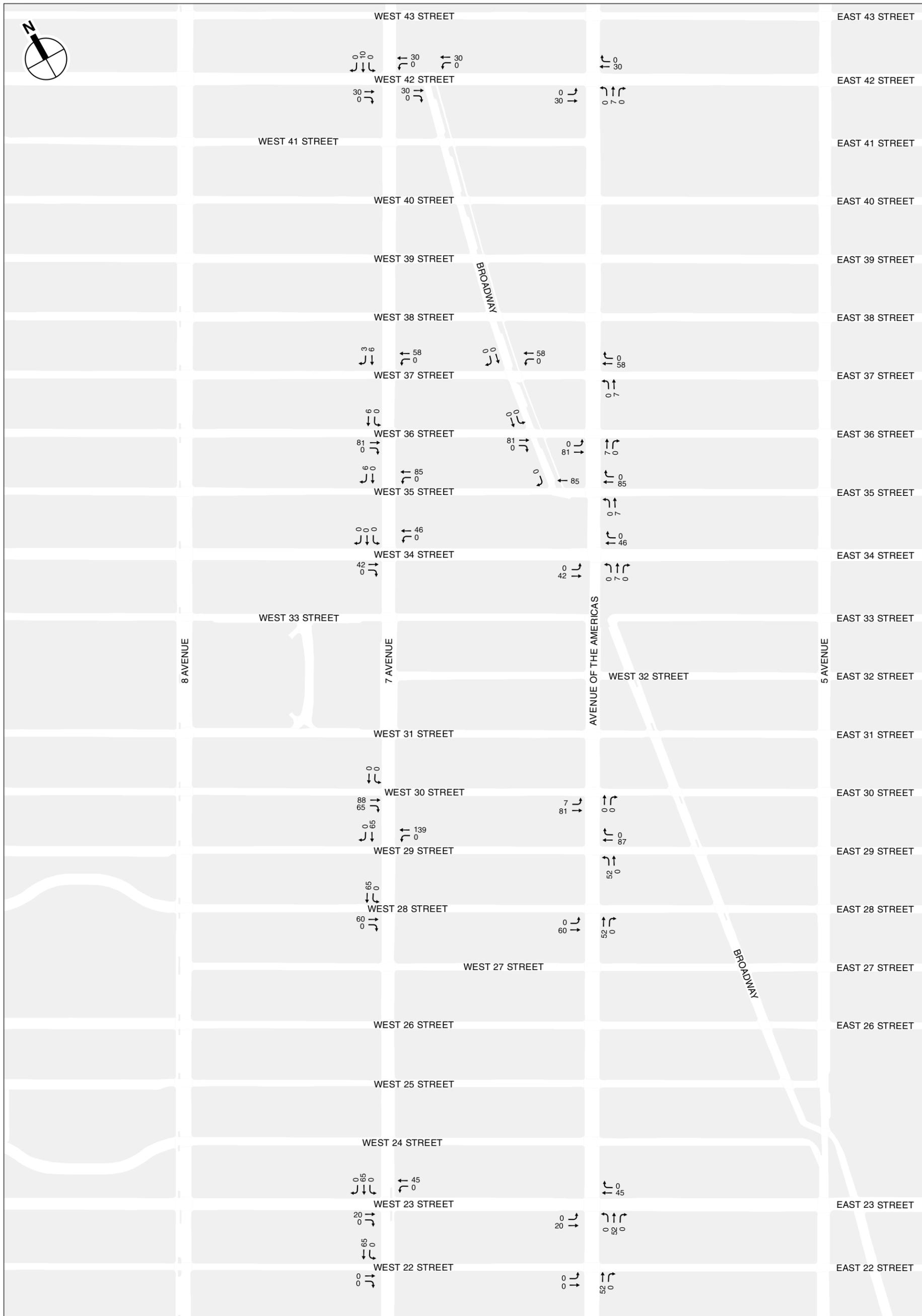
Proposed Project Project Generated Vehicle Trips
Saturday Midday/Afternoon Peak Hour



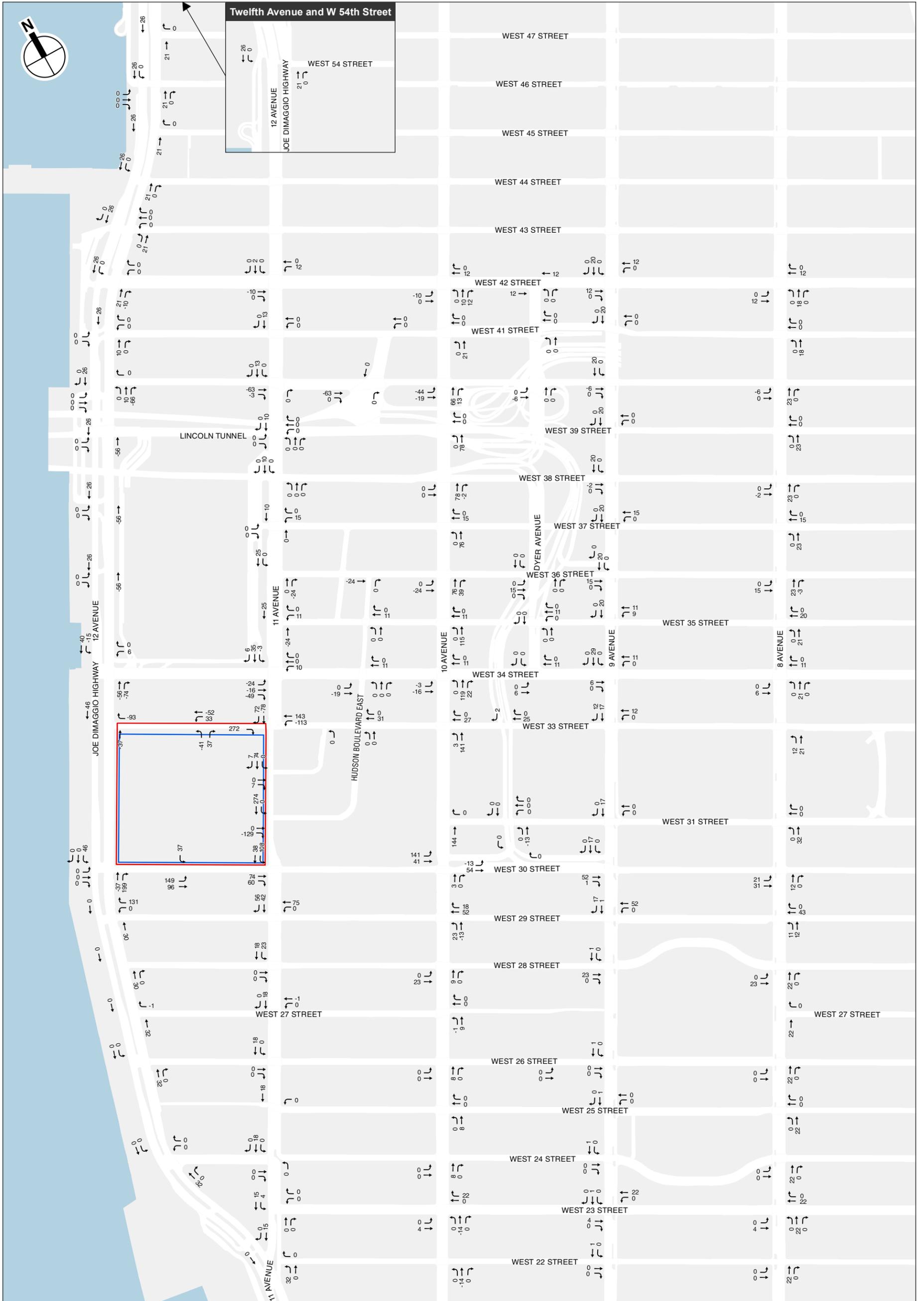
Development Site

Affected Area

Proposed Project Project Generated Vehicle Trips
Saturday Evening Peak Hour



Proposed Project Project Generated Vehicle Trips
Saturday Evening Peak Hour



 Development Site

 Affected Area

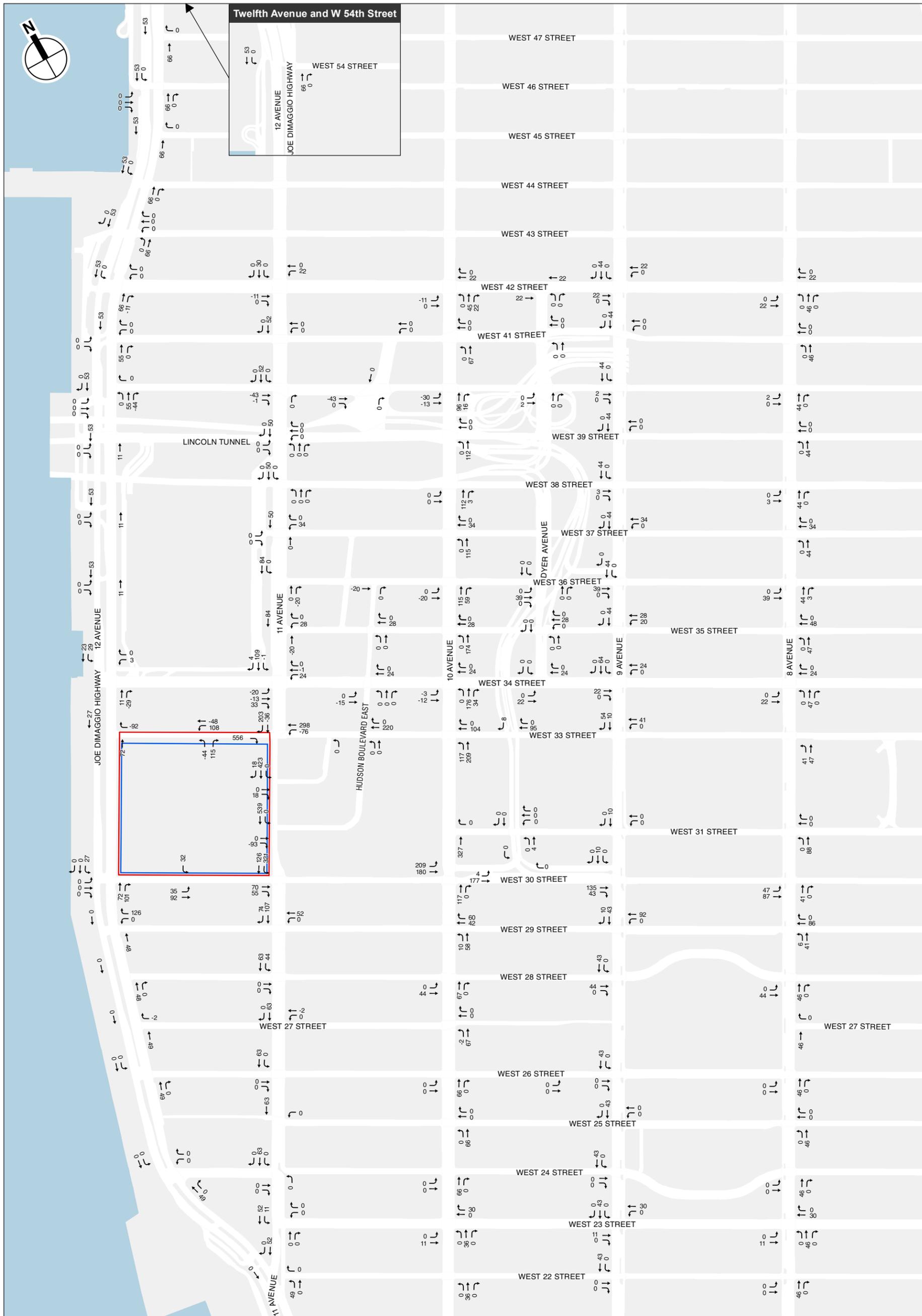
0 500 FEET

Proposed Project Incremental Vehicle Trips
Weekday AM Peak Hour



0 500 FEET

Proposed Project Incremental Vehicle Trips
Weekday AM Peak Hour



 Development Site

 Affected Area

0 500 FEET

Proposed Project Incremental Vehicle Trips
Weekday Midday Peak Hour



Proposed Project Incremental Vehicle Trips
 Weekday Midday Peak Hour
Figure TA-T14b

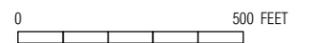


 Development Site

 Affected Area

0 500 FEET

Proposed Project Incremental Vehicle Trips
Weekday PM Peak Hour



Proposed Project Incremental Vehicle Trips
Weekday PM Peak Hour

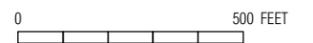


 Development Site

 Affected Area

0 500 FEET

Proposed Project Incremental Vehicle Trips
Weekday Evening Peak Hour



Proposed Project Incremental Vehicle Trips
Weekday Evening Peak Hour



 Development Site

 Affected Area

0 500 FEET

Proposed Project Incremental Vehicle Trips
Saturday Midday/Afternoon Peak Hour



Proposed Project Incremental Vehicle Trips
Saturday Midday/Afternoon Peak Hour



 Development Site

 Affected Area

0 500 FEET

Proposed Project Incremental Vehicle Trips
Saturday Evening Peak Hour



0 500 FEET

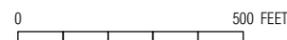
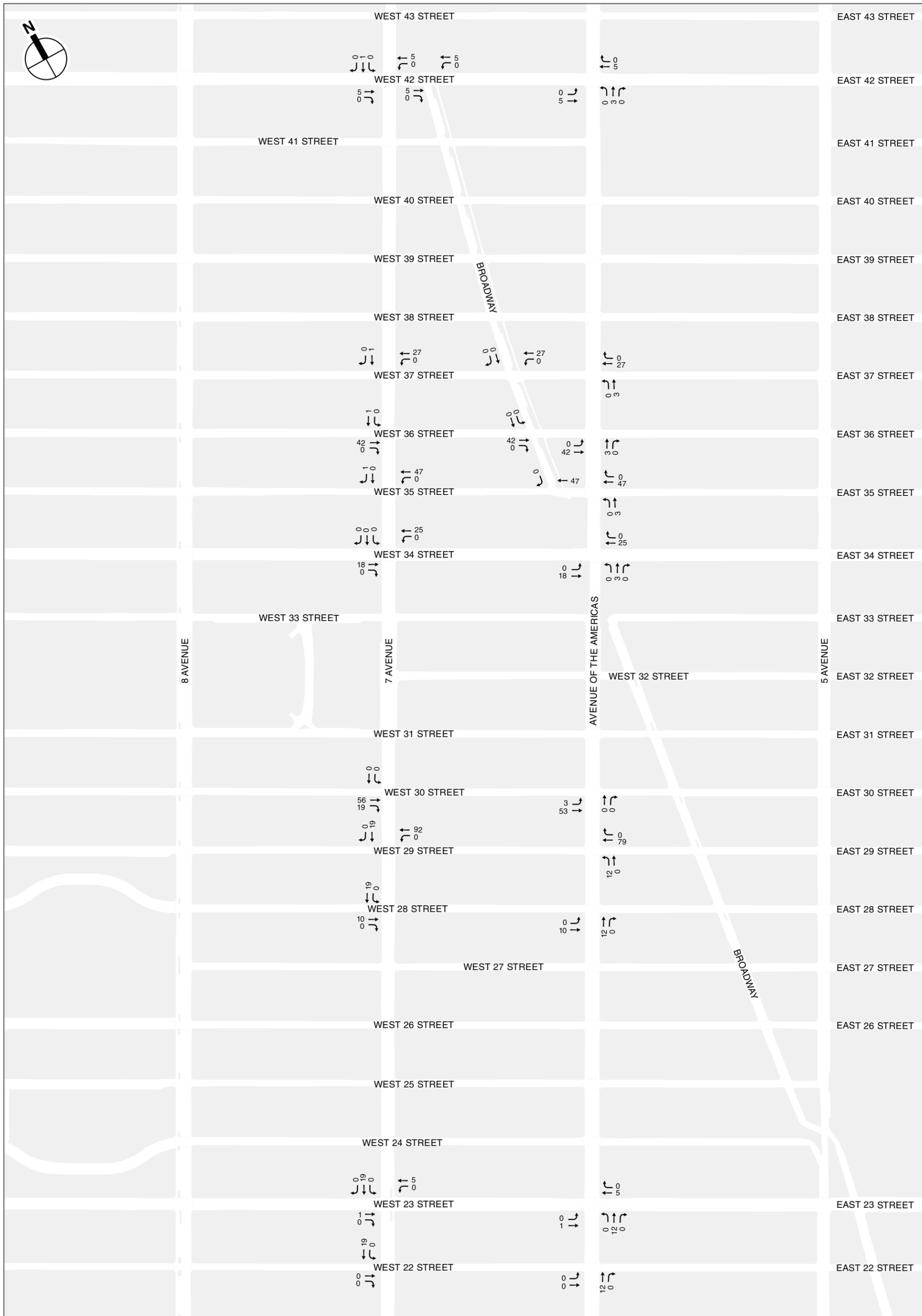
Proposed Project Incremental Vehicle Trips
Saturday Evening Peak Hour



Development Site

Affected Area

Alternative Scenario Project Generated Vehicle Trips
Weekday AM Peak Hour



Alternative Scenario Project Generated Vehicle Trips
Weekday AM Peak Hour

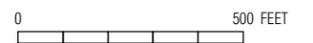


 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Project Generated Vehicle Trips
Weekday Midday Peak Hour



Alternative Scenario Project Generated Vehicle Trips
Weekday Midday Peak Hour

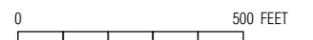


Development Site

Affected Area

0 500 FEET

Alternative Scenario Project Generated Vehicle Trips
Weekday PM Peak Hour



Alternative Scenario Project Generated Vehicle Trips
Weekday PM Peak Hour

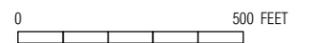


 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Project Generated Vehicle Trips
Weekday Evening Peak Hour



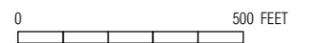
Alternative Scenario Project Generated Vehicle Trips
Weekday Evening Peak Hour



 Development Site

 Affected Area

Alternative Scenario Project Generated Vehicle Trips
Saturday Midday/Afternoon Peak Hour



Alternative Scenario Project Generated Vehicle Trips
Saturday Middy/Afternoon Peak Hour

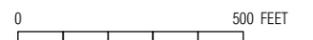


 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Project Generated Vehicle Trips
Saturday Evening Peak Hour



Alternative Scenario Project Generated Vehicle Trips
Saturday Evening Peak Hour

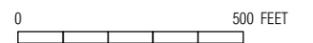


 Development Site

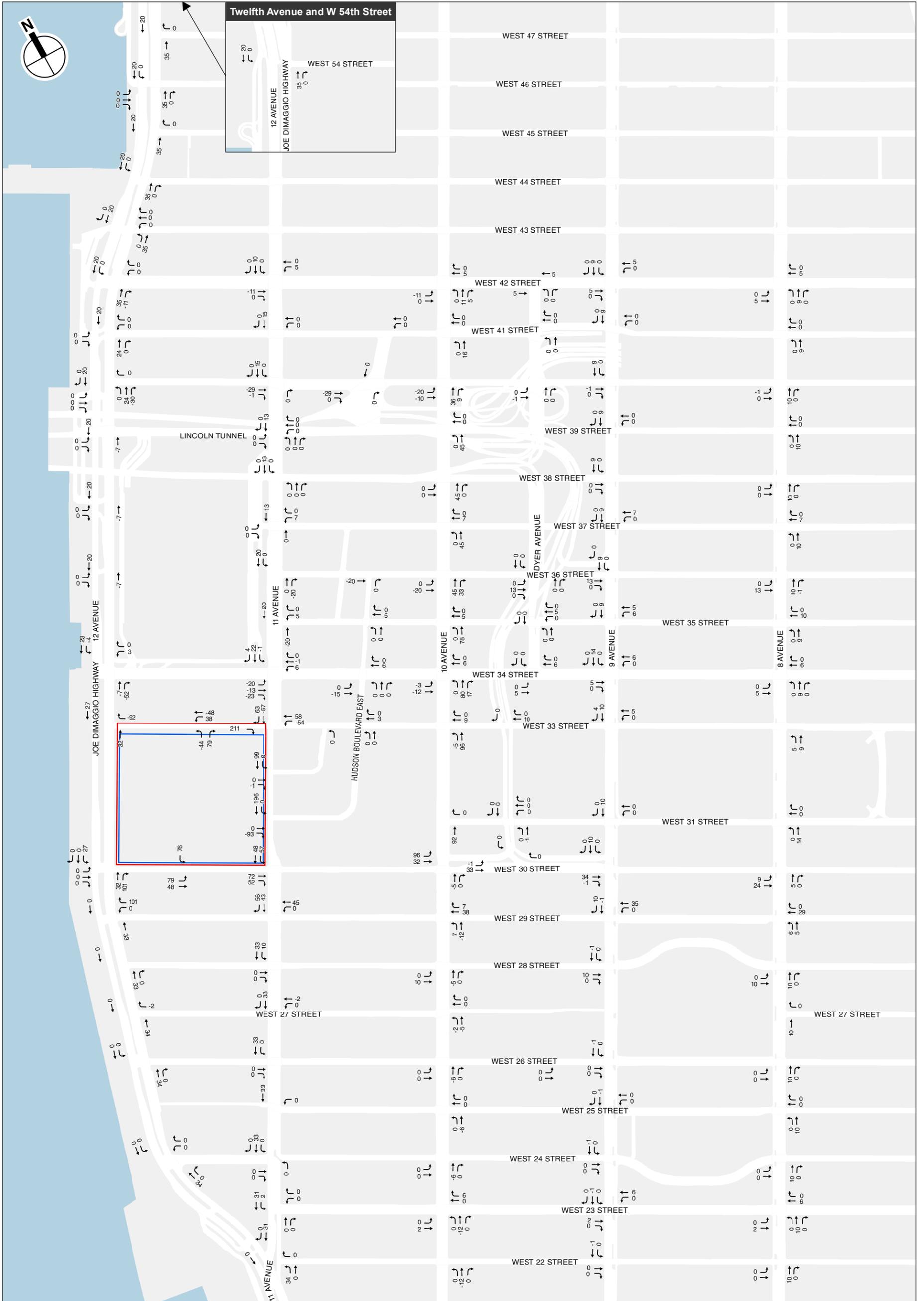
 Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Weekday AM Peak Hour



Alternative Scenario Incremental Vehicle Trips
Weekday AM Peak Hour



 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Weekday Midday Peak Hour



0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Weekday Midday Peak Hour



 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Weekday PM Peak Hour



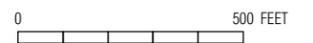
Alternative Scenario Incremental Vehicle Trips
Weekday PM Peak Hour



 Development Site
 Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
 Weekday Evening Peak Hour



Alternative Scenario Incremental Vehicle Trips
Weekday Evening Peak Hour



Development Site

Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Saturday Middy/Afternoon Peak Hour



 Development Site

 Affected Area

0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Saturday Evening Peak Hour



0 500 FEET

Alternative Scenario Incremental Vehicle Trips
Saturday Evening Peak Hour



- Development Site
- Affected Area

0 500 FEET

Existing Traffic Volumes
Weekday AM Peak Hour
Figure TA-T31



Development Site

Affected Area

0 500 FEET

Existing Traffic Volumes
Weekday PM Peak Hour



Development Site

Affected Area

0 500 FEET

Existing Traffic Volumes
Weekday Evening Peak Hour
Figure TA-T34



 Development Site

 Affected Area

0 500 FEET

Existing Traffic Volumes
Saturday Midday/Afternoon Peak Hour



 Development Site

 Affected Area

0 500 FEET

Existing Traffic Volumes
Saturday Evening Peak Hour
Figure TA-T36



Development Site

Affected Area

0 500 FEET

2031 No Action Traffic Volumes
Weekday AM Peak Hour
Figure TA-T37



Development Site

Affected Area

0 500 FEET

2031 No Action Traffic Volumes
Weekday Midday Peak Hour





Development Site

Affected Area

0 500 FEET

2031 No Action Traffic Volumes
Weekday Evening Peak Hour



Development Site

Affected Area

0 500 FEET

2031 No Action Traffic Volumes
Saturday Midday/Afternoon Peak Hour



Development Site

Affected Area

0 500 FEET

2031 No Action Traffic Volumes
Saturday Evening Peak Hour
Figure TA-T42



Development Site

Affected Area

0 500 FEET

2031 With Action Traffic Volumes
Proposed Project
Weekday AM Peak Hour
Figure TA-T43



- Development Site
- Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Proposed Project
 Weekday Midday Peak Hour
Figure TA-T44



Development Site

Affected Area

0 500 FEET

2031 With Action Traffic Volumes
Proposed Project
Weekday PM Peak Hour
Figure TA-T45



- Development Site
- Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Proposed Project
 Weekday Evening Peak Hour
Figure TA-T46



 Development Site
 Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Proposed Project
 Saturday Midday/Afternoon Peak Hour
Figure TA-T47



- Development Site
- Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Proposed Project
 Saturday Evening Peak Hour
Figure TA-T48



- Development Site
- Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Alternative Scenario
 Weekday AM Peak Hour
Figure TA-T49



Development Site

Affected Area

0 500 FEET

2031 With Action Traffic Volumes
Alternative Scenario
Weekday Midday Peak Hour
Figure TA-T50



Development Site

Affected Area

0 500 FEET

2031 With Action Traffic Volumes
Alternative Scenario
Weekday PM Peak Hour



 Development Site
 Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Alternative Scenario
 Weekday Evening Peak Hour
 Figure TA-T52



- Development Site
- Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Alternative Scenario
 Saturday Midday/Afternoon Peak Hour
Figure TA-T53



Development Site

Affected Area

0 500 FEET

2031 With Action Traffic Volumes
 Alternative Scenario
 Saturday Evening Peak Hour
Figure TA-T54

Traffic Tables

Table TA-T1
Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Twelfth Avenue and West 54th Street																								
Northbound	TR	0.71	15.1	B	TR	0.85	21.4	C	TR	0.81	18.0	B	TR	0.81	18.0	B	TR	0.81	18.0	B	TR	0.82	22.0	C
Southbound	L	0.58	57.5	E	L	0.29	34.6	C	L	0.36	51.0	D	L	0.31	49.7	D	L	0.31	49.7	D	L	0.37	33.9	C
	T	0.68	14.2	B	T	0.52	13.4	B	T	0.63	13.1	B	T	0.43	10.3	B	T	0.43	10.3	B	T	0.83	22.3	C
	Intersection		16.0	B	Intersection		18.3	B	Intersection		16.2	B	Intersection		15.6	B	Intersection		15.6	B	Intersection		22.5	C
Twelfth Avenue and West 42nd Street																								
Eastbound	LTR	0.03	46.1	D	LTR	0.04	32.1	C	LTR	0.08	47.2	D	LTR	0.06	46.8	D	LTR	0.06	46.8	D	LTR	0.03	32.0	C
Westbound	L	0.26	50.1	D	L	0.13	33.2	C	L	0.3	51.2	D	L	0.23	49.2	D	L	0.23	49.2	D	L	0.21	34.2	C
	R	0.47	30.5	C	R	0.68	26.4	C	R	0.50	40.1	D	R	0.53	40.8	D	R	0.53	40.8	D	R	0.41	18.7	B
Northbound	TR	0.94	47.9	D	TR	1.05	72.2	E	TR	0.97	43.5	D	TR	0.96	42.3	D	TR	0.96	42.3	D	TR	1.05	70.5	E
Southbound	L	0.41	52.8	D	L	0.53	44.7	D	L	0.89	90.5	F	L	0.63	69.7	E	L	0.63	69.7	E	L	0.59	46.2	D
	T	1.02	52.9	D	T	0.83	31.2	C	T	1.01	48.5	D	T	0.65	19.5	B	T	0.65	19.5	B	T	0.99	49.1	D
	Intersection		49.8	D	Intersection		50.8	D	Intersection		48.2	D	Intersection		36.0	D	Intersection		36.0	D	Intersection		57.1	E
Twelfth Avenue and West 41st Street																								
Eastbound	LR	0.06	39.0	D	LR	0.02	24.9	C	LR	0.03	46.9	D	LR	0.05	47.1	D	LR	0.05	47.1	D	LR	0.02	24.9	C
Westbound	L	0.19	41.4	D	L	0.14	26.7	C	L	0.08	47.7	D	L	0.16	49.1	D	L	0.16	49.1	D	L	0.13	26.4	C
	R	0.73	60.7	E	R	0.90	60.0	E	R	0.25	51.5	D	R	0.63	65.3	E	R	0.63	65.3	E	R	0.84	52.0	D
Northbound	T	0.61	17.8	B	T	0.62	20.5	C	T	0.73	15.1	B	T	0.70	14.3	B	T	0.70	14.3	B	T	0.72	22.8	C
Southbound	T	0.99	41.6	D	T	0.74	23.8	C	T	0.91	23.6	C	T	0.59	12.3	B	T	0.59	12.3	B	T	0.90	30.9	C
	Intersection		32.9	C	Intersection		26.1	C	Intersection		19.8	B	Intersection		15.7	B	Intersection		15.7	B	Intersection		28.8	C
Twelfth Avenue and West 30th Street																								
Eastbound	LTR	0.04	62.3	E	LTR	0	46.8	D	LTR	0	61.7	E	LTR	0	61.7	E	LTR	0	61.7	E	LTR	0	46.8	D
Northbound	TR	0.64	15.5	B	TR	0.63	16.4	B	TR	0.83	20.8	C	TR	0.82	20.4	C	TR	0.82	20.4	C	TR	0.63	16.3	B
Southbound	L	1.05	146.4	F	L	0.71	67.5	E	L	1.05	145.1	F	L	0.79	91.1	F	L	0.79	91.1	F	L	1.05	126.5	F
	TR	0.80	20.3	C	TR	0.62	16.3	B	TR	0.82	20.9	C	TR	0.54	13.7	B	TR	0.54	13.7	B	TR	0.70	18.1	B
	Intersection		23.3	C	Intersection		18.4	B	Intersection		25.2	C	Intersection		20.3	C	Intersection		20.3	C	Intersection		22.8	C
Twelfth Avenue and West 29th Street																								
Eastbound	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D
Westbound	L	0.19	53.8	D	L	0.17	41.9	D	L	0.13	52.8	D	L	0.14	52.9	D	L	0.14	52.9	D	L	0.10	40.7	D
	R	1	119.3	F	R	0.68	58.1	E	R	1.05	131.5	F	R	0.88	90.7	F	R	0.88	90.7	F	R	0.85	72.6	E
Northbound	T	0.56	12.1	B	T	0.55	13.5	B	T	0.72	15.4	B	T	0.72	15.3	B	T	0.72	15.3	B	T	0.54	13.3	B
Southbound	TR	0.78	17.6	B	TR	0.59	14.4	B	TR	0.92	25.5	C	TR	0.53	11.8	B	TR	0.53	11.8	B	TR	0.69	16.3	B
	Intersection		20.7	C	Intersection		16.5	B	Intersection		25.6	C	Intersection		18.0	B	Intersection		18.0	B	Intersection		18.4	B
Eleventh Avenue and West 42nd Street																								
Eastbound	T	0.33	24.2	C	T	0.29	25.0	C	T	0.26	23.2	C	T	0.43	25.9	C	T	0.43	25.9	C	T	0.38	26.5	C
	R	0.81	49.4	D	R	0.97	75.3	E	R	1.05	90.1	F	R	0.74	41.7	D	R	0.74	41.7	D	R	0.99	81.2	F
Westbound	L	0.16	15.8	B	L	0.23	17.2	B	L	0.55	23.6	C	L	0.24	18.3	B	L	0.24	18.3	B	L	0.24	18.5	B
	LT	0.42	18.1	B	LT	0.68	25.9	C	LT	0.40	17.6	B	LT	0.45	18.7	B	LT	0.45	18.7	B	LT	0.48	20.6	C
Southbound	L	0.34	24.8	C	L	0.2	22.8	C	L	0.03	19.7	B	L	0.18	21.6	C	L	0.18	21.6	C	L	0.11	21.3	C
	T	0.65	27.0	C	T	0.70	28.4	C	T	0.45	23.6	C	T	0.72	28.2	C	T	0.72	28.2	C	T	0.77	30.1	C
	R	0.41	28.3	C	R	0.31	26.2	C	R	0.25	24.3	C	R	0.33	25.2	C	R	0.33	25.2	C	R	0.42	27.7	C
	Intersection		27.9	C	Intersection		33.0	C	Intersection		35.8	D	Intersection		27.5	C	Intersection		27.5	C	Intersection		34.2	C
Eleventh Avenue and West 41st Street																								
Westbound	LT	1.05	92.0	F	LT	1.05	85.7	F	LT	0.13	22.2	C	LT	0.54	30.1	C	LT	0.54	30.1	C	LT	1.05	84.2	F
Southbound	TR	0.44	15.4	B	TR	0.51	17.4	B	TR	0.43	15.3	B	TR	0.48	15.9	B	TR	0.48	15.9	B	TR	0.52	17.5	B
	Intersection		33.0	C	Intersection		32.8	C	Intersection		15.5	B	Intersection		17.6	B	Intersection		17.6	B	Intersection		32.8	C
Eleventh Avenue and West 39th Street																								
Westbound	LTR	0.32	25.0	C	LTR	0.43	27.3	C	LTR	0.33	25.0	C	LTR	0.22	23.6	C	LTR	0.22	23.6	C	LTR	0.35	25.9	C
Northbound	LT	0.08	11.8	B	LT	0.29	14.9	B	LT	0.17	12.6	B	LT	0.08	11.8	B	LT	0.08	11.8	B	LT	0.09	13.0	B
Southbound	TR	0.75	22.0	C	TR	0.60	19.1	B	TR	0.74	21.3	C	TR	0.59	17.7	B	TR	0.59	17.7	B	TR	0.60	19.0	B
	Intersection		21.8	C	Intersection		19.8	B	Intersection		20.6	C	Intersection		17.9	B	Intersection		17.9	B	Intersection		19.8	B

**Table TA-T1
Existing Conditions Traffic Level of Service Analysis**

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Tenth Avenue and West 40th Street																								
Eastbound	LT	0.37	23.6	C	LT	0.34	23.0	C	LT	0.49	26.9	C	LT	0.35	23.0	C	LT	0.35	23.0	C	LT	0.26	21.8	C
Northbound	TR	0.44	17.9	B	TR	0.51	20.1	C	TR	0.68	21.7	C	TR	0.54	19.2	B	TR	0.54	19.2	B	TR	0.48	19.6	B
	Intersection		18.7	B	Intersection		20.5	C	Intersection		22.2	C	Intersection		19.6	B	Intersection		19.6	B	Intersection		19.8	B
Tenth Avenue and West 39th Street																								
Westbound	T	0.25	22.6	C	T	0.39	25.0	C	T	0.13	20.9	C	T	0.24	22.2	C	T	0.24	22.2	C	T	0.27	22.7	C
	R	0.17	21.4	C	R	0.29	23.2	C	R	0.25	22.6	C	R	0.25	22.6	C	R	0.25	22.6	C	R	0.21	21.8	C
Northbound	LT	0.49	19.3	B	LT	0.54	19.8	B	LT	0.72	23.2	C	LT	0.53	19.7	B	LT	0.53	19.7	B	LT	0.49	19.0	B
	Intersection		19.7	B	Intersection		20.7	C	Intersection		23.1	C	Intersection		20.1	C	Intersection		20.1	C	Intersection		19.6	B
Tenth Avenue and West 38th Street																								
Eastbound	LT	0.48	26.9	C	LT	0.43	25.6	C	LT	0.28	22.9	C	LT	0.33	23.6	C	LT	0.33	23.6	C	LT	0.35	23.8	C
Northbound	TR	0.32	15.3	B	TR	0.46	18.7	B	TR	0.57	18.3	B	TR	0.44	16.6	B	TR	0.44	16.6	B	TR	0.50	19.0	B
	Intersection		17.6	B	Intersection		19.7	B	Intersection		18.7	B	Intersection		17.3	B	Intersection		17.3	B	Intersection		19.6	B
Tenth Avenue and West 37th Street																								
Westbound	TR	0.51	28.2	C	TR	0.60	30.8	C	TR	0.17	21.4	C	TR	0.33	23.9	C	TR	0.33	23.9	C	TR	0.65	32.3	C
Northbound	LT	0.51	17.6	B	LT	0.53	17.8	B	LT	0.72	21.2	C	LT	0.53	17.9	B	LT	0.53	17.9	B	LT	0.50	17.3	B
	Intersection		19.2	B	Intersection		20.0	C	Intersection		21.2	C	Intersection		18.4	B	Intersection		18.4	B	Intersection		20.1	C
Tenth Avenue and West 36th Street																								
Eastbound	LT	0.23	21.7	C	LT	0.21	21.4	C	LT	0.31	22.5	C	LT	0.20	21.3	C	LT	0.20	21.3	C	LT	0.22	21.4	C
Northbound	TR	0.59	20.6	C	TR	0.61	20.9	C	TR	0.86	27.7	C	TR	0.61	20.9	C	TR	0.61	20.9	C	TR	0.62	21.0	C
	Intersection		20.7	C	Intersection		21.0	C	Intersection		27.0	C	Intersection		20.9	C	Intersection		20.9	C	Intersection		21.0	C
Tenth Avenue and West 35th Street																								
Westbound	TR	0.93	59.6	E	TR	0.60	32.2	C	TR	0.29	23.4	C	TR	0.52	28.0	C	TR	0.52	28.0	C	TR	0.58	31.4	C
Northbound	LT	0.50	19.2	B	LT	0.54	18.6	B	LT	0.78	24.3	C	LT	0.54	19.8	B	LT	0.54	19.8	B	LT	0.50	18.0	B
	Intersection		29.3	C	Intersection		20.7	C	Intersection		24.2	C	Intersection		20.9	C	Intersection		20.9	C	Intersection		20.0	C
Tenth Avenue and West 34th Street																								
Eastbound	LT	1.05	94.8	F	LT	0.95	69.9	E	LT	1.05	97.0	F	LT	0.68	33.9	C	LT	0.68	33.9	C	LT	0.81	43.3	D
Westbound	T	0.93	55.8	E	T	0.83	41.7	D	T	0.72	34.2	C	T	0.58	29.0	C	T	0.58	29.0	C	T	0.61	29.6	C
	R	0.45	28.2	C	R	0.48	28.6	C	R	1.05	89.0	F	R	0.30	23.5	C	R	0.30	23.5	C	R	0.37	24.8	C
Northbound	LTR	0.58	18.8	B	LTR	0.69	20.7	C	LTR	0.77	22.5	C	LTR	0.67	20.3	C	LTR	0.67	20.3	C	LTR	0.69	20.6	C
	Intersection		39.2	D	Intersection		30.9	C	Intersection		40.9	D	Intersection		23.3	C	Intersection		23.3	C	Intersection		25.1	C
Tenth Avenue and West 33rd Street																								
Westbound	TR	0.95	57.9	E	TR	0.61	29.8	C	TR	0.74	35.5	D	TR	0.60	29.2	C	TR	0.60	29.2	C	TR	0.59	28.8	C
Northbound	LT	0.60	19.0	B	LT	0.59	18.8	B	LT	0.75	21.9	C	LT	0.64	19.5	B	LT	0.64	19.5	B	LT	0.65	19.8	B
	Intersection		29.9	C	Intersection		20.8	C	Intersection		24.2	C	Intersection		21.2	C	Intersection		21.2	C	Intersection		21.3	C
Tenth Avenue and West 31st Street																								
Westbound	R	0.47	27.0	C	R	0.54	29.7	C	R	0.53	28.7	C	R	0.51	27.6	C	R	0.51	27.6	C	R	0.45	26.2	C
Northbound	T	0.47	17.0	B	T	0.49	17.3	B	T	0.59	18.6	B	T	0.54	17.9	B	T	0.54	17.9	B	T	0.56	18.2	B
	Intersection		18.5	B	Intersection		19.0	B	Intersection		19.8	B	Intersection		19.3	B	Intersection		19.3	B	Intersection		19.1	B
Tenth Avenue and West 30th Street																								
Eastbound	L	0.47	28.3	C	L	0.42	27.2	C	L	0.43	27.1	C	L	0.54	29.7	C	L	0.54	29.7	C	L	0.50	28.7	C
	T	0.86	50.0	D	T	0.64	33.7	C	T	0.91	55.5	E	T	0.47	28.3	C	T	0.47	28.3	C	T	0.85	46.9	D
Northbound	T	0.58	22.0	C	T	0.71	24.6	C	T	0.78	26.5	C	T	0.66	23.3	C	T	0.66	23.3	C	T	0.71	24.5	C
	R	0.97	61.2	E	R	1.05	81.7	F	R	1.05	105.2	F	R	1.05	79.8	E	R	1.05	79.8	E	R	1.05	78.7	E
	Intersection		36.6	D	Intersection		39.0	D	Intersection		49.2	D	Intersection		38.6	D	Intersection		38.6	D	Intersection		40.3	D
Tenth Avenue and West 29th Street																								
Westbound	T	0.43	25.5	C	T	0.33	23.5	C	T	0.51	27.1	C	T	0.53	28.0	C	T	0.53	28.0	C	T	0.37	24.1	C
	R	0.78	40.2	D	R	0.60	30.3	C	R	0.62	31.2	C	R	0.60	30.3	C	R	0.60	30.3	C	R	0.71	34.5	C
Northbound	LT	0.47	17.1	B	LT	0.59	18.7	B	LT	0.68	20.3	C	LT	0.56	18.2	B	LT	0.56	18.2	B	LT	0.58	18.5	B
	Intersection		22.6	C	Intersection		20.7	C	Intersection		22.3	C	Intersection		21.1	C	Intersection		21.1	C	Intersection		21.6	C

Table TA-T1
Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Tenth Avenue and West 28th Street																								
Eastbound	LT	0.70	37.1	D	LT	0.50	30.0	C	LT	0.56	31.6	C	LT	0.63	34.0	C	LT	0.63	34.0	C	LT	0.68	35.9	D
Northbound	TR	0.49	16.7	B	TR	0.59	18.0	B	TR	0.72	20.4	C	TR	0.56	17.6	B	TR	0.56	17.6	B	TR	0.58	17.9	B
	Intersection		21.0	C	Intersection		19.5	B	Intersection		21.7	C	Intersection		20.2	C	Intersection		20.2	C	Intersection		20.8	C
Tenth Avenue and West 27th Street																								
Westbound	TR	0.04	19.8	B	TR	0.06	20.0	C	TR	0.05	19.8	B	TR	0.03	19.7	B	TR	0.03	19.7	B	TR	0.02	19.6	B
Northbound	LT	0.54	18.0	B	LT	0.64	19.6	B	LT	0.78	22.6	C	LT	0.66	20.0	B	LT	0.66	20.0	B	LT	0.66	19.9	B
	Intersection		18.0	B	Intersection		19.6	B	Intersection		22.5	C	Intersection		20.0	B	Intersection		20.0	B	Intersection		19.9	B
Tenth Avenue and West 26th Street																								
Eastbound	LT	0.70	34.3	C	LT	0.61	30.4	C	LT	0.68	33.0	C	LT	0.43	25.7	C	LT	0.43	25.7	C	LT	0.57	29.1	C
Northbound	TR	0.62	21.1	C	TR	0.67	22.0	C	TR	0.84	26.4	C	TR	0.69	22.2	C	TR	0.69	22.2	C	TR	0.69	22.3	C
	Intersection		23.5	C	Intersection		23.3	C	Intersection		27.3	C	Intersection		22.6	C	Intersection		22.6	C	Intersection		23.3	C
Tenth Avenue and West 25th Street																								
Westbound	TR	0.63	31.4	C	TR	0.60	29.8	C	TR	0.81	41.3	D	TR	0.76	36.8	D	TR	0.76	36.8	D	TR	0.78	37.8	D
Northbound	LT	0.53	19.7	B	LT	0.55	19.9	B	LT	0.75	23.7	C	LT	0.60	20.7	C	LT	0.60	20.7	C	LT	0.63	21.2	C
	Intersection		21.9	C	Intersection		21.8	C	Intersection		26.7	C	Intersection		24.0	C	Intersection		24.0	C	Intersection		24.6	C
Tenth Avenue and West 24th Street																								
Eastbound	LT	0.83	40.9	D	LT	0.52	27.1	C	LT	0.55	27.6	C	LT	0.44	25.3	C	LT	0.44	25.3	C	LT	0.74	34.9	C
Northbound	TR	0.48	19.0	B	TR	0.61	20.9	C	TR	0.73	23.1	C	TR	0.63	21.1	C	TR	0.63	21.1	C	TR	0.62	21.1	C
	Intersection		25.4	C	Intersection		21.9	C	Intersection		23.8	C	Intersection		21.7	C	Intersection		21.7	C	Intersection		23.9	C
Tenth Avenue and West 23rd Street																								
Eastbound	LT	0.40	20.7	C	LT	0.27	18.9	B	LT	0.31	19.4	B	LT	0.26	18.8	B	LT	0.26	18.8	B	LT	0.28	19.1	B
Westbound	TR	1.05	93.3	F	TR	1.05	94.4	F	TR	1.05	90.9	F	TR	1.05	95.5	F	TR	1.05	95.5	F	TR	1.05	93.1	F
Northbound	LTR	0.47	20.2	C	LTR	0.59	21.8	C	LTR	0.83	27.7	C	LTR	0.70	23.8	C	LTR	0.70	23.8	C	LTR	0.65	22.8	C
	Intersection		37.8	D	Intersection		36.0	D	Intersection		37.7	D	Intersection		35.7	D	Intersection		35.7	D	Intersection		36.0	D
Dyer Avenue and West 30th Street																								
Eastbound	TR	0.61	20.0	B	TR	0.67	21.6	C	TR	0.78	23.4	C	TR	0.72	23.0	C	TR	0.72	23.0	C	TR	0.79	26.7	C
Westbound	R	0.05	17.4	B	R	0.10	18.0	B	R	0.07	20.1	C	R	0.06	17.4	B	R	0.06	17.4	B	R	0.04	17.2	B
Southbound	T	0.70	26.8	C	T	0.23	18.9	B	T	0.27	22.0	C	T	0.24	19.0	B	T	0.24	19.0	B	T	0.38	20.7	C
	Intersection		24.1	C	Intersection		20.6	C	Intersection		22.9	C	Intersection		21.6	C	Intersection		21.6	C	Intersection		24.0	C
Ninth Avenue and West 42nd Street																								
Eastbound	T	1.05	89.5	F	T	1.05	87.1	F	T	0.91	54.9	D	T	0.77	41.1	D	T	0.77	41.1	D	T	0.88	51.3	D
	R	0.23	26.9	C	R	0.42	31.4	C	R	0.38	30.9	C	R	0.56	37.2	D	R	0.56	37.2	D	R	0.95	81.5	F
Westbound	L	0.75	54.3	D	L	0.67	46.9	D	L	0.71	47.3	D	L	0.73	47.2	D	L	0.73	47.2	D	L	0.45	34.8	C
	T	0.18	16.3	B	T	0.29	17.6	B	T	0.33	18.3	B	T	0.39	19.7	B	T	0.39	19.7	B	T	0.24	17.2	B
Southbound	L	0.61	51.1	D	L	0.59	49.4	D	L	0.70	56.7	E	L	0.48	44.4	D	L	0.48	44.4	D	L	0.67	54.0	D
	TR	0.49	18.0	B	TR	0.57	19.2	B	TR	0.65	20.4	C	TR	0.62	19.9	B	TR	0.62	19.9	B	TR	0.51	18.2	B
	Intersection		39.4	D	Intersection		37.0	D	Intersection		29.8	C	Intersection		26.8	C	Intersection		26.8	C	Intersection		32.8	C
Ninth Avenue and West 37th Street																								
Westbound	L	0.84	48.7	D	L	0.83	49.2	D	L	1.05	93.5	F	L	1.05	91.0	F	L	1.05	91.0	F	L	1.05	91.3	F
	T	0.30	24.9	C	T	0.53	30.8	C	T	0.06	21.3	C	T	0.14	22.3	C	T	0.14	22.3	C	T	0.48	28.8	C
Southbound	TR	0.37	15.3	B	TR	0.44	16.5	B	TR	0.46	16.3	B	TR	0.46	16.2	B	TR	0.46	16.2	B	TR	0.49	17.2	B
	Intersection		22.7	C	Intersection		23.2	C	Intersection		31.3	C	Intersection		31.6	C	Intersection		31.6	C	Intersection		32.0	C
Ninth Avenue and West 36th Street																								
Eastbound	TR	0.65	25.5	C	TR	0.52	26.2	C	TR	0.50	26.0	C	TR	0.54	26.6	C	TR	0.54	26.6	C	TR	0.63	24.8	C
Southbound	LT	0.52	16.2	B	LT	0.54	13.7	B	LT	0.46	12.7	B	LT	0.49	13.1	B	LT	0.49	13.1	B	LT	0.76	21.2	C
	R	0.32	9.1	A	R	0.47	8.4	A	R	0.66	11.3	B	R	0.60	10.2	B	R	0.60	10.2	B	R	0.55	12.3	B
	Intersection		18.1	B	Intersection		14.8	B	Intersection		14.8	B	Intersection		14.9	B	Intersection		14.9	B	Intersection		20.3	C

Table TA-T1
Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Ninth Avenue and West 35th Street																								
Westbound	LT	0.55	30.6	C	LT	0.77	40.4	D	LT	0.65	34.0	C	LT	0.77	39.2	D	LT	0.77	39.2	D	LT	0.63	32.2	C
Southbound	TR	0.36	11.5	B	TR	0.38	11.7	B	TR	0.35	11.4	B	TR	0.33	11.2	B	TR	0.33	11.2	B	TR	0.44	12.3	B
	Intersection		14.7	B	Intersection		18.1	B	Intersection		15.6	B	Intersection		18.3	B	Intersection		18.3	B	Intersection		15.7	B
Ninth Avenue and West 34th Street																								
Eastbound	T	1.05	84.2	F	T	0.77	40.2	D	T	0.65	31.2	C	T	0.71	33.5	C	T	0.71	33.5	C	T	0.70	35.5	D
	R	0.79	44.8	D	R	0.60	34.7	C	R	0.76	41.8	D	R	0.62	31.8	C	R	0.62	31.8	C	R	0.85	52.6	D
Westbound	T	0.68	27.3	C	T	0.90	43.9	D	T	0.91	43.8	D	T	0.66	26.5	C	T	0.66	26.5	C	T	0.70	27.8	C
Southbound	LTR	0.61	19.6	B	LTR	0.69	21.4	C	LTR	0.62	19.7	B	LTR	0.59	19.2	B	LTR	0.59	19.2	B	LTR	0.72	21.8	C
	Intersection		38.5	D	Intersection		30.9	C	Intersection		30.0	C	Intersection		24.6	C	Intersection		24.6	C	Intersection		28.4	C
Ninth Avenue and West 33rd Street																								
Westbound	LT	0.68	37.6	D	LT	0.66	36.3	D	LT	0.89	55.7	E	LT	0.75	40.5	D	LT	0.75	40.5	D	LT	0.54	31.9	C
Southbound	TR	0.68	19.4	B	TR	0.58	18.5	B	TR	0.68	19.4	B	TR	0.65	18.4	B	TR	0.65	18.4	B	TR	0.72	21.3	C
	Intersection		22.5	C	Intersection		22.2	C	Intersection		28.1	C	Intersection		22.8	C	Intersection		22.8	C	Intersection		22.8	C
Ninth Avenue and West 30th Street																								
Eastbound	T	0.55	30.7	C	T	0.31	27.5	C	T	0.52	29.8	C	T	0.23	25.7	C	T	0.23	25.7	C	T	0.35	27.9	C
	R	1.05	85.2	F	R	0.54	32.3	C	R	0.55	32.1	C	R	0.60	33.0	C	R	0.60	33.0	C	R	0.84	45.0	D
Southbound	LTR	0.68	22.2	C	LTR	0.68	24.7	C	LTR	0.69	22.3	C	LTR	0.69	22.2	C	LTR	0.69	22.2	C	LTR	0.78	27.2	C
	Intersection		41.6	D	Intersection		26.5	C	Intersection		25.4	C	Intersection		24.7	C	Intersection		24.7	C	Intersection		31.7	C
Ninth Avenue and West 29th Street																								
Westbound	L	0.25	21.3	C	L	0.23	21.7	C	L	0.28	21.7	C	L	0.24	21.0	C	L	0.24	21.0	C	L	0.25	21.8	C
	T	0.81	38.6	D	T	0.61	29.4	C	T	0.83	41.0	D	T	0.76	34.9	C	T	0.76	34.9	C	T	0.83	40.8	D
Southbound	TR	0.90	31.2	C	TR	0.70	23.8	C	TR	0.65	21.4	C	TR	0.73	23.2	C	TR	0.73	23.2	C	TR	0.83	27.8	C
	Intersection		32.3	C	Intersection		24.7	C	Intersection		26.3	C	Intersection		25.7	C	Intersection		25.7	C	Intersection		30.2	C
Ninth Avenue and West 28th Street																								
Eastbound	TR	0.82	41.7	D	TR	0.47	26.5	C	TR	0.59	29.4	C	TR	0.45	25.9	C	TR	0.45	25.9	C	TR	0.59	29.5	C
Southbound	L	0.57	39.6	D	L	0.48	37.1	D	L	0.54	38.3	D	L	0.44	35.7	D	L	0.44	35.7	D	L	0.34	33.2	C
	T	0.63	15.6	B	T	0.45	13.0	B	T	0.43	12.8	B	T	0.51	13.7	B	T	0.51	13.7	B	T	0.59	14.8	B
	Intersection		23.1	C	Intersection		17.6	B	Intersection		18.8	B	Intersection		17.3	B	Intersection		17.3	B	Intersection		18.3	B
Ninth Avenue and West 23rd Street																								
Eastbound	T	0.47	30.7	C	T	0.41	30.2	C	T	0.49	30.9	C	T	0.48	30.7	C	T	0.48	30.7	C	T	0.42	30.2	C
	R	0.65	41.9	D	R	0.30	29.3	C	R	0.36	30.4	C	R	0.42	32.0	C	R	0.42	32.0	C	R	0.54	37.3	D
Westbound	T	0.85	50.8	D	T	0.74	41.7	D	T	0.72	39.1	D	T	0.75	42.2	D	T	0.75	42.2	D	T	0.84	50.4	D
Southbound	L	0.88	73.8	E	L	0.67	51.4	D	L	0.85	68.8	E	L	0.97	91.5	F	L	0.97	91.5	F	L	0.71	53.0	D
	TR	0.61	16.4	B	TR	0.52	16.2	B	TR	0.52	14.9	B	TR	0.50	14.7	B	TR	0.50	14.7	B	TR	0.60	17.4	B
	Intersection		30.6	C	Intersection		25.3	C	Intersection		26.2	C	Intersection		30.3	C	Intersection		30.3	C	Intersection		27.7	C
Eighth Avenue and West 42nd Street																								
Eastbound	L	1.05	103.2	F	L	0.85	58.0	E	L	0.88	61.5	E	L	0.76	48.3	D	L	0.76	48.3	D	L	0.63	43.2	D
	T	0.35	13.9	B	T	0.38	13.1	B	T	0.31	12.1	B	T	0.37	13.1	B	T	0.37	13.1	B	T	0.47	15.6	B
Westbound	T	0.79	42.5	D	T	0.91	57.9	E	T	0.96	69.0	E	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	TR	1.05	93.5	F	TR	1.05	93.5	F	TR	0.84	52.4	D
	R	0.14	26.3	C	R	0.12	26.1	C	R	0.15	26.8	C	-	-	-	-	-	-	-	-	-	-	-	
Northbound	T	0.59	24.8	C	T	0.56	25.6	C	T	0.57	25.8	C	T	0.59	26.0	C	T	0.59	26.0	C	T	0.19	19.7	B
	R	0.55	48.6	D	R	0.41	30.1	C	R	1.04	149.4	F	R	1.05	154.5	F	R	1.05	154.5	F	R	1.04	169.2	F
	Intersection		40.7	D	Intersection		34.8	C	Intersection		43.2	D	Intersection		46.2	D	Intersection		46.2	D	Intersection		36.6	D
Eighth Avenue and West 37th Street																								
Westbound	T	0.62	27.1	C	T	0.80	35.7	D	T	0.48	23.2	C	T	0.73	31.3	C	T	0.73	31.3	C	T	0.99	63.9	E
	R	0.49	31.3	C	R	0.61	40.7	D	R	0.58	35.2	D	R	0.52	31.4	C	R	0.52	31.4	C	R	0.56	36.3	D
Northbound	L	0.43	37.4	D	L	0.42	36.9	D	L	0.47	38.2	D	L	0.47	38.0	D	L	0.47	38.0	D	L	0.41	36.5	D
	T	0.48	16.8	B	T	0.47	16.4	B	T	0.44	16.1	B	T	0.50	16.9	B	T	0.50	16.9	B	T	0.45	16.1	B
	Intersection		23.2	C	Intersection		27.2	C	Intersection		22.8	C	Intersection		24.8	C	Intersection		24.8	C	Intersection		38.2	D

Table TA-T1
Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Eighth Avenue and West 36th Street																								
Eastbound	L	0.63	39.6	D	L	0.63	40.6	D	L	0.41	31.1	C	L	0.41	29.4	C	L	0.41	29.4	C	L	0.65	38.5	D
	T	0.98	64.8	E	T	0.67	29.6	C	T	0.79	37.3	D	T	0.95	56.4	E	T	0.95	56.4	E	T	1.05	81.2	F
Northbound	T	0.33	13.1	B	T	0.43	15.3	B	T	0.43	14.2	B	T	0.42	14.0	B	T	0.42	14.0	B	T	0.35	14.3	B
	R	0.99	93.3	F	R	1.05	117.6	F	R	1.05	121.7	F	R	1.10	120.3	F	R	1.10	120.3	F	R	0.67	35.7	D
	Intersection		45.7	D	Intersection		34.5	C	Intersection		33.9	C	Intersection		45.1	D	Intersection		45.1	D	Intersection		46.9	D
Eighth Avenue and West 35th Street																								
Westbound	T	0.25	20.4	C	T	0.48	23.1	C	T	0.26	20.5	C	T	0.48	24.4	C	T	0.48	24.4	C	T	0.42	21.7	C
	R	0.60	39.7	D	R	0.56	37.9	D	R	0.53	35.8	D	R	0.89	66.8	E	R	0.89	66.8	E	R	0.60	39.0	D
Northbound	LT	0.54	16.5	B	LT	0.54	17.7	B	LT	0.61	17.8	B	LT	0.55	16.7	B	LT	0.55	16.7	B	LT	0.49	16.8	B
	Intersection		20.2	C	Intersection		21.2	C	Intersection		20.1	C	Intersection		27.2	C	Intersection		27.2	C	Intersection		20.9	C
Eighth Avenue and West 34th Street																								
Eastbound	T	1.05	82.7	F	T	0.92	51.5	D	T	0.78	37.5	D	T	0.89	49.4	D	T	0.89	49.4	D	T	0.93	54.9	D
Westbound	T	0.54	27.6	C	T	0.96	59.3	E	T	0.99	65.4	E	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	TR	1.05	89.4	F	TR	1.05	89.4	F	TR	1.05	86.0	F
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Northbound	L	0.44	43.4	D	L	0.51	46.2	D	L	0.60	49.4	D	L	0.41	42.1	D	L	0.41	42.1	D	L	0.57	48.3	D
	TR	0.58	21.7	C	TR	0.52	20.3	C	TR	0.69	24.2	C	TR	0.67	23.3	C	TR	0.67	23.3	C	TR	0.66	23.5	C
	Intersection		44.2	D	Intersection		41.2	D	Intersection		40.0	D	Intersection		47.1	D	Intersection		47.1	D	Intersection		50.1	D
Eighth Avenue and West 33rd Street																								
Westbound	TR	0.06	17.5	B	TR	0.03	17.8	B	TR	0.13	18.1	B	TR	0.08	17.7	B	TR	0.08	17.7	B	TR	0.03	17.8	B
Northbound	L	0.82	62.2	E	L	0.96	88.0	F	L	1.05	107.9	F	L	1.05	106.6	F	L	1.05	106.6	F	L	0.88	72.4	E
	TR	0.42	19.0	B	TR	0.46	20.8	C	TR	0.35	18.2	B	TR	0.46	19.5	B	TR	0.46	19.5	B	TR	0.44	20.5	C
	Intersection		28.3	C	Intersection		35.8	D	Intersection		42.9	D	Intersection		39.8	D	Intersection		39.8	D	Intersection		31.5	C
Eighth Avenue and West 31st Street																								
Westbound	T	0.36	18.2	B	T	0.37	18.3	B	T	0.43	19.3	B	T	0.38	18.4	B	T	0.38	18.4	B	T	0.29	17.1	B
	R	0.45	26.5	C	R	0.72	37.9	D	R	0.71	38.5	D	R	0.70	36.4	D	R	0.70	36.4	D	R	0.68	35.5	D
Northbound	L	0.85	65.5	E	L	0.71	49.6	D	L	0.80	57.0	E	L	0.73	51.0	D	L	0.73	51.0	D	L	0.93	75.9	E
	T	0.41	17.8	B	T	0.42	17.9	B	T	0.48	18.6	B	T	0.49	18.6	B	T	0.49	18.6	B	T	0.42	17.8	B
	Intersection		26.3	C	Intersection		25.4	C	Intersection		26.4	C	Intersection		25.1	C	Intersection		25.1	C	Intersection		30.3	C
Eighth Avenue and West 30th Street																								
Eastbound	L	0.66	35.8	D	L	0.63	33.2	C	L	0.88	54.8	D	L	0.61	32.3	C	L	0.61	32.3	C	L	0.70	37.0	D
	T	0.71	27.5	C	T	0.33	17.7	B	T	0.54	21.8	C	T	0.27	16.9	B	T	0.27	16.9	B	T	0.40	18.8	B
Northbound	TR	0.41	17.6	B	TR	0.34	16.8	B	TR	0.47	18.3	B	TR	0.49	18.6	B	TR	0.49	18.6	B	TR	0.41	17.6	B
	Intersection		22.9	C	Intersection		20.3	C	Intersection		25.8	C	Intersection		20.7	C	Intersection		20.7	C	Intersection		21.5	C
Eighth Avenue and West 29th Street																								
Westbound	TR	0.70	30.5	C	TR	0.73	31.9	C	TR	1.02	72.3	E	TR	0.97	58.9	E	TR	0.97	58.9	E	TR	0.83	38.1	D
Northbound	L	0.90	58.3	E	L	0.64	33.1	C	L	0.83	54.6	D	L	0.65	33.6	C	L	0.65	33.6	C	L	0.70	36.2	D
	T	0.26	13.8	B	T	0.25	13.6	B	T	0.30	14.0	B	T	0.31	14.2	B	T	0.31	14.2	B	T	0.29	14.0	B
	Intersection		27.2	C	Intersection		22.2	C	Intersection		39.1	D	Intersection		31.7	C	Intersection		31.7	C	Intersection		24.9	C
Eighth Avenue and West 28th Street																								
Eastbound	L	0.32	26.7	C	L	0.21	25.6	C	L	0.34	26.8	C	L	0.15	23.8	C	L	0.15	23.8	C	L	0.15	24.5	C
	T	0.57	26.2	C	T	0.31	19.8	B	T	0.38	22.1	C	T	0.33	21.4	C	T	0.33	21.4	C	T	0.41	21.3	C
Northbound	TR	0.36	13.6	B	TR	0.33	14.4	B	TR	0.41	14.1	B	TR	0.43	14.4	B	TR	0.43	14.4	B	TR	0.40	15.1	B
	Intersection		17.8	B	Intersection		16.2	B	Intersection		16.7	B	Intersection		15.9	B	Intersection		15.9	B	Intersection		16.8	B
Eighth Avenue and West 23rd Street																								
Eastbound	T	0.99	75.3	E	T	0.82	46.8	D	T	0.89	53.8	D	T	0.94	62.5	E	T	0.94	62.5	E	T	0.76	41.1	D
Westbound	T	0.41	27.2	C	-	-	-	-	T	0.53	29.6	C	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	TR	1.05	98.0	F	-	-	-	-	TR	1.05	91.4	F	TR	1.05	91.4	F	TR	1.05	93.6	F
	R	0.56	33.2	C	-	-	-	-	R	0.58	34.0	C	-	-	-	-	-	-	-	-	-	-	-	-
Northbound	L	0.63	49.0	D	L	0.73	55.7	E	L	0.24	35.4	D	L	0.05	32.0	C	L	0.05	32.0	C	L	0.34	37.3	D
	TR	0.57	18.7	B	TR	0.44	16.2	B	TR	0.50	17.6	B	TR	0.49	17.5	B	TR	0.49	17.5	B	TR	0.55	17.8	B
	Intersection		34.0	C	Intersection		41.7	D	Intersection		28.7	C	Intersection		43.8	D	Intersection		43.8	D	Intersection		37.3	D

Table TA-T1
Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour				Weekday Midday Peak Hour				Weekday PM Peak Hour				Weekday Evening Peak Hour				Saturday Midday/Afternoon Peak Hour				Saturday Evening Peak Hour			
	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																								
Seventh Avenue and West 30th Street																								
Eastbound	T	0.61	29.2	C	T	0.35	23.3	C	T	0.50	25.9	C	T	0.35	23.0	C	T	0.35	23.0	C	T	0.43	24.6	C
	R	0.49	27.8	C	R	0.35	24.4	D	R	0.55	30.0	C	R	0.42	25.5	C	R	0.42	25.5	C	R	0.37	24.3	C
Southbound	L	1.05	116.5	F	L	0.75	44.0	B	L	0.88	66.2	E	L	0.72	36.3	D	L	0.72	36.3	D	L	0.79	45.0	D
	T	0.47	17.9	B	T	0.46	17.6	C	T	0.54	18.8	B	T	0.56	19.1	B	T	0.56	19.1	B	T	0.46	17.7	B
	Intersection		30.9	C	Intersection		22.0	0	Intersection		25.3	C	Intersection		22.1	C	Intersection		22.1	C	Intersection		22.9	C
Seventh Avenue and West 29th Street																								
Westbound	L	0.41	25.3	C	L	0.44	26.1	C	L	0.55	29.7	C	L	0.36	23.9	C	L	0.36	23.9	C	L	0.33	23.3	C
	T	0.52	26.9	C	T	0.43	25.0	C	T	0.73	34.5	C	T	0.74	34.8	C	T	0.74	34.8	C	T	0.61	29.1	C
Southbound	TR	0.68	21.7	C	TR	0.68	21.6	C	-	-	-	-	TR	0.75	23.3	C	TR	0.75	23.3	C	TR	0.64	20.8	C
	-	-	-	-	-	-	-	-	T	0.60	19.7	B	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	R	1.03	102.6	F	-	-	-	-	-	-	-	-	-	-	-	-
	Intersection		22.9	C	Intersection		22.6	C	Intersection		31.1	C	Intersection		25.8	C	Intersection		25.8	C	Intersection		22.7	C
Seventh Avenue and West 28th Street																								
Eastbound	TR	0.89	51.6	D	TR	0.58	31.9	B	TR	0.68	35.0	D	TR	0.63	33.1	C	TR	0.63	33.1	C	TR	0.69	34.9	C
Southbound	L	0.53	22.1	C	L	0.44	18.4	B	L	0.44	18.7	B	L	0.47	18.5	B	L	0.47	18.5	B	L	0.39	16.4	B
	T	0.53	15.8	B	T	0.46	14.9	B	T	0.54	15.8	B	T	0.52	15.6	B	T	0.52	15.6	B	T	0.40	14.1	B
	Intersection		25.7	C	Intersection		18.6	B	Intersection		20.0	B	Intersection		19.5	B	Intersection		19.5	B	Intersection		20.0	B
Seventh Avenue and West 23rd Street																								
Eastbound	T	0.64	28.5	C	T	0.58	26.6	C	T	0.65	28.6	C	T	0.68	29.5	C	T	0.68	29.5	C	T	0.52	24.9	C
	R	0.62	32.9	C	R	0.37	23.6	C	R	0.60	31.5	C	R	0.63	32.2	C	R	0.63	32.2	C	R	0.75	40.5	D
Westbound	T	0.51	25.5	C	T	0.51	25.3	D	T	0.65	29.3	C	T	0.62	28.0	C	T	0.62	28.0	C	T	0.54	25.7	C
Southbound	L	0.89	74.1	E	L	0.35	36.7	B	L	0.44	39.0	D	L	0.31	35.5	D	L	0.31	35.5	D	L	0.34	36.1	D
	TR	0.62	17.3	B	TR	0.41	14.2	C	-	-	-	-	TR	0.52	15.6	B	TR	0.52	15.6	B	TR	0.59	16.7	B
	-	-	-	-	-	-	-	-	T	0.54	15.8	B	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	-	-	-	-	R	0.44	19.2	B	-	-	-	-	-	-	-	-	-	-	-	
	Intersection		26.6	C	Intersection		20.6	C	Intersection		22.3	C	Intersection		22.7	C	Intersection		22.7	C	Intersection		22.5	C
Sixth Avenue and West 29th Street																								
Westbound	T	0.43	28.0	C	T	0.30	25.4	C	T	0.92	58.3	E	T	0.81	43.9	D	T	0.81	43.9	D	T	0.58	31.8	C
	R	0.36	27.6	C	R	0.32	26.8	F	R	0.51	32.8	C	R	0.35	27.3	C	R	0.35	27.3	C	R	0.33	26.7	C
Northbound	L	0.80	40.6	D	L	1.05	97.4	B	L	1.05	105.6	F	L	0.68	31.1	C	L	0.68	31.1	C	L	0.85	50.2	D
	T	0.51	15.9	B	T	0.47	17.0	C	T	0.53	16.0	B	T	0.46	15.2	B	T	0.46	15.2	B	T	0.52	17.6	B
	Intersection		20.6	C	Intersection		30.0	C	Intersection		32.0	C	Intersection		22.6	C	Intersection		22.6	C	Intersection		23.5	C
Sixth Avenue and West 28th Street																								
Eastbound	LT	1.02	80.5	F	LT	0.75	39.6	B	LT	1.00	76.2	E	LT	0.98	68.7	E	LT	0.98	68.7	E	LT	0.76	39.8	D
Northbound	TR	0.59	17.1	B	TR	0.60	19.0	C	TR	0.66	18.1	B	TR	0.59	17.1	B	TR	0.59	17.1	B	TR	0.70	20.7	C
	Intersection		30.8	C	Intersection		22.7	C	Intersection		29.3	C	Intersection		28.7	C	Intersection		28.7	C	Intersection		24.0	C
Sixth Avenue and West 23rd Street																								
Eastbound	T	0.92	49.7	D	T	0.77	34.7	C	T	0.79	35.4	D	T	0.95	55.0	D	T	0.95	55.0	D	T	0.70	30.3	C
Westbound	T	0.36	21.3	C	-	-	-	-	T	0.47	23.2	C	-	-	-	-	-	-	-	-	-	-	-	
	-	-	-	-	TR	0.41	22.7	C	-	-	-	-	TR	0.59	26.8	C	TR	0.59	26.8	C	TR	0.38	21.9	C
	R	0.12	19.1	B	-	-	-	-	R	0.05	17.5	B	-	-	-	-	-	-	-	-	-	-	-	
Northbound	L	0.32	21.7	C	L	0.40	24.4	C	L	0.51	29.5	C	L	0.33	21.0	C	L	0.33	21.0	C	L	0.52	27.3	C
	T	0.49	15.6	B	T	0.46	15.2	B	T	0.52	15.8	B	T	0.43	14.8	B	T	0.43	14.8	B	T	0.52	15.9	B
	R	0.87	57.1	E	R	1.05	100.5	F	R	1.04	100.7	F	R	0.93	70.0	E	R	0.93	70.0	E	R	1.05	94.5	F
	Intersection		26.8	C	Intersection		29.0	C	Intersection		27.6	C	Intersection		30.5	C	Intersection		30.5	C	Intersection		28.3	C
Unsignalized Intersections																								
Lincoln Tunnel and West 33rd Street																								
Southbound	R	0.98	105.8	F	R	0.12	13.5	B	R	0.09	36.0	E	R	0.01	12.2	B	R	0.11	13.7	B	R	0.05	12.2	B

Notes: L = Left Turn; T= Through; R = Right Turn; LOS = Level of Service.

¹ 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 TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Twelfth Avenue and West 54th Street																																																
Northbound	TR	0.71	15.1	B	TR	0.81	18.1	B	TR	0.85	21.4	C	TR	0.95	28.8	C	TR	0.81	18.0	B	TR	0.90	22.7	C	TR	0.81	18.0	B	TR	0.87	20.8	C	TR	0.98	34.5	C	TR	1.05	56.5	E	TR	0.82	22.0	C	TR	0.88	24.4	C
Southbound	L	0.58	57.5	E	L	0.58	57.9	E	L	0.29	34.6	C	L	0.30	34.6	C	L	0.36	51.0	D	L	0.37	51.2	D	L	0.31	49.7	D	L	0.31	49.8	D	L	0.33	33.1	C	L	0.33	33.2	C	L	0.37	33.9	C	L	0.38	34.0	C
	T	0.68	14.2	B	T	0.76	15.9	B	T	0.52	13.4	B	T	0.58	14.2	B	T	0.63	13.1	B	T	0.68	14.0	B	T	0.43	10.3	B	T	0.46	10.6	B	T	0.71	18.2	B	T	0.75	19.2	B	T	0.83	22.3	C	T	0.87	24.1	C
	Intersection	16.0	B		Intersection	18.1	B		Intersection	18.3	B		Intersection	22.7	C		Intersection	16.2	B		Intersection	19.0	B		Intersection	15.6	B		Intersection	17.3	B		Intersection	26.8	C		Intersection	38.5	D		Intersection	22.5	C		Intersection	24.5	C	
Twelfth Avenue and West 42nd Street																																																
Eastbound	LTR	0.03	46.1	D	LTR	0.03	46.1	D	LTR	0.04	32.1	C	LTR	0.04	32.1	C	LTR	0.08	47.2	D	LTR	0.08	47.2	D	LTR	0.06	46.8	D	LTR	0.06	46.8	D	LTR	0.06	32.5	C	LTR	0.06	32.5	C	LTR	0.03	32.0	C	LTR	0.03	32.0	C
Westbound	L	0.26	50.1	D	L	0.26	50.1	D	L	0.13	33.2	C	L	0.13	33.2	C	L	0.3	51.2	D	L	0.31	51.2	D	L	0.23	49.2	D	L	0.23	49.2	D	L	0.22	34.7	C	L	0.23	34.7	C	L	0.21	34.2	C	L	0.21	34.2	C
	R	0.47	30.5	C	R	0.49	30.9	C	R	0.68	26.4	C	R	0.70	27.0	C	R	0.50	40.1	D	R	0.52	40.6	D	R	0.53	40.8	D	R	0.54	41.1	D	R	0.56	22.2	C	R	0.57	22.5	C	R	0.41	18.7	B	R	0.42	18.9	B
Northbound	TR	0.94	47.9	D	TR	1.27	167.6	F	TR	1.05	72.2	E	TR	1.39	214.5	F	TR	0.97	43.5	D	TR	1.20	127.4	F	TR	0.96	42.3	D	TR	1.11	88.1	F	TR	1.05	70.6	E	TR	1.23	144.6	F	TR	1.05	70.5	E	TR	1.17	120.5	F
Southbound	L	0.41	52.8	D	L	0.69	60.7	E	L	0.53	44.7	D	L	0.75	51.6	D	L	0.89	90.5	F	L	1.18	169.3	F	L	0.63	69.7	E	L	0.80	80.2	F	L	0.70	49.4	D	L	0.82	56.2	E	L	0.59	46.2	D	L	0.68	48.8	D
	T	1.02	52.9	D	T	1.08	75.5	E	T	0.83	31.2	C	T	0.89	34.9	C	T	1.01	48.5	D	T	1.06	65.2	E	T	0.65	19.5	B	T	0.69	20.4	C	T	0.97	44.7	D	T	1.02	56.8	E	T	0.99	49.1	D	T	1.03	59.5	E
	Intersection	49.8	D		Intersection	115.1	F		Intersection	50.8	D		Intersection	125.3	F		Intersection	48.2	D		Intersection	101.8	F		Intersection	36.0	D		Intersection	63.7	E		Intersection	55.6	E		Intersection	97.3	F		Intersection	57.1	E		Intersection	85.7	F	
Twelfth Avenue and West 41st Street																																																
Eastbound	LR	0.06	39.0	D	LR	0.06	39.0	D	LR	0.02	24.9	C	LR	0.02	24.9	C	LR	0.03	46.9	D	LR	0.03	46.9	D	LR	0.05	47.1	D	LR	0.05	47.1	D	LR	0.05	25.4	C	LR	0.05	25.4	C	LR	0.02	24.9	C	LR	0.02	24.9	C
Westbound	L	0.19	41.4	D	L	0.19	41.4	D	L	0.14	26.7	C	L	0.14	26.7	C	L	0.08	47.7	D	L	0.08	47.7	D	L	0.16	49.1	D	L	0.17	49.3	D	L	0.17	27.1	C	L	0.17	27.1	C	L	0.13	26.4	C	L	0.13	26.5	C
	R	0.73	60.7	E	R	0.93	84.8	F	R	0.90	60.0	E	R	1.10	110.5	F	R	0.25	51.5	D	R	0.68	68.6	E	R	0.63	65.3	E	R	0.95	103.9	F	R	0.65	38.9	D	R	0.79	47.0	D	R	0.84	52.0	D	R	0.99	76.8	E
Northbound	T	0.61	17.8	B	T	0.80	23.0	C	T	0.62	20.5	C	T	0.79	24.7	C	T	0.73	15.1	B	T	0.86	19.7	B	T	0.70	14.3	B	T	0.78	16.4	B	T	0.76	23.7	C	T	0.87	28.1	C	T	0.72	22.8	C	T	0.80	24.9	C
Southbound	T	0.99	41.6	D	T	1.05	60.7	E	T	0.74	23.8	C	T	0.80	25.6	C	T	0.91	23.6	C	T	0.95	28.8	C	T	0.59	12.3	B	T	0.62	12.9	B	T	0.89	30.4	C	T	0.93	34.5	C	T	0.90	30.9	C	T	0.93	34.1	C
	Intersection	32.9	C		Intersection	44.6	D		Intersection	26.1	C		Intersection	34.2	C		Intersection	19.8	B		Intersection	25.2	C		Intersection	15.7	B		Intersection	19.5	B		Intersection	27.7	C		Intersection	32.0	C		Intersection	28.8	C		Intersection	33.5	C	
Twelfth Avenue and West 30th Street																																																
Eastbound	LTR	0.04	62.3	E	LTR	0.04	62.3	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D
Northbound	TR	0.64	15.5	B	TR	0.86	22.4	C	TR	0.63	16.4	B	TR	0.80	20.8	C	TR	0.83	20.8	C	TR	1.00	39.7	D	TR	0.82	20.4	C	TR	0.92	26.9	C	TR	0.68	17.4	B	TR	0.83	21.8	C	TR	0.63	16.3	B	TR	0.72	18.2	B
Southbound	L	1.05	146.4	F	L	1.37	260.5	F	L	0.71	67.5	E	L	0.96	104.2	F	L	1.05	145.1	F	L	1.26	218.3	F	L	0.79	91.1	F	L	0.95	118.0	F	L	1.22	186.5	F	L	1.05	126.5	F	L	1.22	186.5	F	L	1.15	158.7	F
	TR	0.80	20.3	C	TR	0.82	21.2	C	TR	0.62	16.3	B	TR	0.63	16.7	B	TR	0.82	20.9	C	TR	0.84	22.2	C	TR	0.54	13.7	B	TR	0.56	14.0	B	TR	0.77	20.1	C	TR	0.79	20.8	C	TR	0.70	18.1	B	TR	0.72	18.6	B
	Intersection	23.3	C		Intersection	32.7	C		Intersection	18.4	B		Intersection	23.1	C		Intersection	25.2	C		Intersection	39.5	D		Intersection	20.3	C		Intersection	25.9	C		Intersection	23.8	C		Intersection	29.6	C		Intersection	22.8	C		Intersection	25.7	C	
Twelfth Avenue and West 29th Street																																																
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	39.2	D				
Westbound	L	0.19	53.8	D	L	0.20	54.0	D	L	0.17	41.9	D	L	0.18	42.0	D	L	0.13	52.8	D	L	0.14	52.9	D	L	0.14	53.0	D	L	0.11	41.0	D	L	0.11	41.1	D	L	0.10	40.7	D	L	0.11	40.7	D				
	R	1	119.3	F	R	2.7	840.3	F	R	0.68	58.1	E	R	1.68	370.4	F	R	1.05	131.5	F	R	2.38	693.2	F	R	0.88	90.7	F	R	1.56	333.1	F	R	1.05	117.5	F	R	1.94	485.5	F	R	0.85	72.6	E	R	1.37	236.8	F
Northbound	T	0.56	12.1	B	T	0.65	13.8	B	T	0.55	13.5	B	T	0.63	14.9	B	T	0.72	15.4	B	T	0.80	17.7	B	T	0.72	15.3	B	T	0.78	16.8	B	T	0.59	14.1	B	T	0.66	15.3	B	T	0.54	13.3	B	T	0.59	14.0	B
Southbound	TR	0.78	17.6	B	TR	0.80	18.4	B	TR	0.59	14.4	B	TR	0.61	14.7	B	TR	0.92	25.5	C	TR	0.83	19.2	B	TR	0.53	11.8	B	TR	0.55	12.1	B	TR	0.75	17.7	B	TR	0.77	18.3	B	TR	0.69	16.3	B	TR	0.71	16.8	B
	Intersection	20.7	C		Intersection	111.5	F		Intersection	16.5	B		Intersection	53.0	D		Intersection	25.6	C		Intersection	84.1	F		Intersection	18.0	B		Intersection	40.8	D		Intersection	22.7	C		Intersection	67.1	E		Intersection	18.4	B		Intersection	35.0	C	
Eleventh Avenue and West 42nd Street																																																
Eastbound	T	0.33	24.2	C	T	0.31	20.4	C	T	0.29	25.0	C	T	0.26	19.7	B	T	0.26	23.2	C	T	0.25	20.9	C	T	0.43	25.9	C	T	0.40	23.2	C	T	0.33	25.6	C	T	0.27	19.8	B	T	0.38	26.5	C	T	0.31	20.4	C
	R	0.81	49.4	D	R	2.98	930.9	F	R	0.97	75.3																																					

Table TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Eleventh Avenue and West 33rd Street																																																
Westbound	L	0.62	32.6	C	L	1.23	163.0	F	L	0.42	28.1	C	L	0.76	48.9	D	L	0.42	27.4	C	L	0.85	57.0	E	L	0.43	27.6	C	L	0.78	50.7	D	L	0.44	28.6	C	L	0.77	49.7	D	L	0.53	30.8	C	L	0.83	54.9	D
	LT	0.32	24.7	C	LT	0.80	44.3	D	LT	0.22	24.2	C	LT	0.54	34.9	C	LT	0.24	23.7	C	LT	0.59	35.9	D	LT	0.23	23.6	C	LT	0.52	34.5	C	LT	0.23	24.3	C	LT	0.49	33.9	C	LT	0.28	24.9	C	LT	0.55	35.0	D
Southbound	TR	0.45	15.1	B	TR	0.98	43.4	D	TR	0.37	15.3	B	TR	0.77	27.3	C	TR	0.43	14.8	B	TR	0.92	34.6	D	TR	0.39	14.4	B	TR	0.72	25.9	C	TR	0.49	16.6	B	TR	0.83	28.9	C	TR	0.39	15.5	B	TR	0.62	24.1	C
	Intersection	19.3	B	Intersection	60.1	E	Intersection	18.2	B	Intersection	30.8	C	Intersection	17.4	B	Intersection	37.2	D	Intersection	17.3	B	Intersection	30.1	C	Intersection	18.7	B	Intersection	31.7	C	Intersection	19.1	B	Intersection	31.7	C	Intersection	19.1	B	Intersection	30.0	C						
Eleventh Avenue and West 32nd Street Extension																																																
Eastbound	Uncontrolled				TR	0.00	28.0	C	Uncontrolled				TR	0.00	28.0	C	Uncontrolled				TR	0.00	28.0	C	Uncontrolled				TR	0.00	28.0	C	Uncontrolled				TR	0.00	28.0	C								
Southbound	Uncontrolled				LTR	1.25	144.6	F	Uncontrolled				LTR	1.03	57.5	E	Uncontrolled				LTR	0.90	33.0	C	Uncontrolled				LTR	1.09	75.6	E	Uncontrolled				LTR	0.93	35.5	D								
	Intersection	144.6	F	Intersection	144.6	F	Intersection	57.5	E	Intersection	57.5	E	Intersection	63.5	E	Intersection	63.5	E	Intersection	33.0	C	Intersection	33.0	C	Intersection	33.0	C	Intersection	33.0	C	Intersection	75.6	E	Intersection	75.6	E	Intersection	35.5	D	Intersection	35.5	D						
Eleventh Avenue and West 31st Street Extension																																																
Eastbound	Uncontrolled				TR	0.39	22.9	C	Uncontrolled				TR	0.26	21.0	C	Uncontrolled				TR	0.61	29.4	C	Uncontrolled				TR	0.33	22.3	C	Uncontrolled				TR	0.33	22.4	C								
Southbound	Uncontrolled				LTR	1.22	129.1	F	Uncontrolled				LTR	1.01	50.0	D	Uncontrolled				LTR	1.07	67.7	E	Uncontrolled				LTR	0.90	31.9	C	Uncontrolled				LTR	1.11	83.3	F								
	Intersection	123.5	F	Intersection	123.5	F	Intersection	48.6	D	Intersection	48.6	D	Intersection	64.1	E	Intersection	64.1	E	Intersection	31.3	C	Intersection	31.3	C	Intersection	31.3	C	Intersection	31.3	C	Intersection	80.3	F	Intersection	80.3	F	Intersection	33.5	C	Intersection	33.5	C						
Eleventh Avenue and West 30th Street																																																
Eastbound	T	0.49	24.3	C	T	0.83	40.0	D	T	0.43	23.5	C	T	0.68	30.5	C	T	0.44	22.9	C	T	0.68	29.7	C	T	0.37	21.6	C	T	0.52	24.5	C	T	0.37	21.6	C	T	0.65	29.4	C	T	0.50	24.9	C	T	0.65	29.1	C
	R	0.22	19.5	B	R	0.43	23.8	C	R	0.25	20.8	C	R	0.46	26.3	C	R	0.26	20.0	C	R	0.48	25.5	C	R	0.12	18.1	B	R	0.18	19.0	B	R	0.12	18.1	B	R	0.44	25.0	C	R	0.13	18.9	B	R	0.20	20.1	C
Southbound	LT	0.67	22.3	C	LT	1.07	68.2	E	LT	0.50	20.9	C	LT	0.86	29.3	C	LT	0.55	20.5	C	LT	1.09	74.4	E	LT	0.48	19.5	B	LT	0.74	23.9	C	LT	0.48	19.5	B	LT	0.95	36.7	D	LT	0.56	21.7	C	LT	0.75	25.5	C
	Intersection	22.4	C	Intersection	62.4	E	Intersection	21.3	C	Intersection	29.3	C	Intersection	20.8	C	Intersection	65.7	E	Intersection	19.7	B	Intersection	23.8	C	Intersection	19.7	B	Intersection	35.1	D	Intersection	22.1	C	Intersection	22.1	C	Intersection	25.9	C									
Eleventh Avenue and West 29th Street																																																
Westbound	L	0.43	35.0	D	L	0.68	45.0	D	L	0.35	32.8	C	L	0.60	40.1	D	L	0.50	36.6	D	L	0.79	53.0	D	L	0.61	41.7	D	L	0.61	41.7	D	L	0.67	42.4	D	L	0.39	33.4	C	L	0.51	36.4	D				
	T	0.26	12.8	B	T	0.62	19.4	B	T	0.19	11.9	B	T	0.43	15.1	B	T	0.35	13.9	B	T	0.63	19.7	B	T	0.25	12.6	B	T	0.38	14.3	B	T	0.25	12.6	B	T	0.53	16.9	B	T	0.24	12.5	B	T	0.34	13.7	B
Southbound	TR	0.79	28.8	C	TR	1.15	102.9	F	TR	0.57	24.0	C	TR	0.84	30.8	C	TR	0.53	23.5	C	TR	0.94	38.6	D	TR	0.57	24.0	C	TR	0.80	29.0	C	TR	0.57	24.0	C	TR	0.94	38.3	D	TR	0.57	24.0	C	TR	0.74	27.3	C
	Intersection	27.6	C	Intersection	85.2	F	Intersection	23.5	C	Intersection	29.2	C	Intersection	23.1	C	Intersection	36.4	D	Intersection	24.4	C	Intersection	29.5	C	Intersection	24.4	C	Intersection	35.1	D	Intersection	23.3	C	Intersection	23.3	C	Intersection	26.2	C									
Eleventh Avenue and West 28th Street																																																
Eastbound	TR	0.09	22.4	C	TR	0.10	22.5	C	TR	0.04	22.6	C	TR	0.05	22.6	C	TR	0.10	22.5	C	TR	0.14	23.0	C	TR	0.10	22.5	C	TR	0.14	22.9	C	TR	0.10	22.5	C	TR	0.14	23.7	C	TR	0.10	23.2	C	TR	0.14	23.7	C
Southbound	LT	0.59	17.0	B	LT	0.80	21.6	C	LT	0.47	16.4	B	LT	0.66	19.5	B	LT	0.45	15.1	B	LT	0.67	18.5	B	LT	0.47	15.3	B	LT	0.62	17.4	B	LT	0.47	15.3	B	LT	0.73	20.8	C	LT	0.47	16.4	B	LT	0.59	18.2	B
	Intersection	17.2	B	Intersection	21.7	C	Intersection	16.5	B	Intersection	19.5	B	Intersection	15.4	B	Intersection	18.6	B	Intersection	15.6	B	Intersection	17.6	B	Intersection	15.6	B	Intersection	17.6	B	Intersection	15.6	B	Intersection	20.9	C	Intersection	16.7	B	Intersection	18.4	B						
Eleventh Avenue and West 27th Street																																																
Westbound	LT	0.25	24.4	C	LT	0.29	25.0	C	LT	0.25	25.1	C	LT	0.31	26.0	C	LT	0.39	26.7	C	LT	0.51	29.4	C	LT	0.46	28.3	C	LT	0.56	30.8	C	LT	0.46	28.3	C	LT	0.36	27.0	C	LT	0.38	27.2	C	LT	0.48	29.3	C
Southbound	TR	0.48	15.5	B	TR	0.64	17.8	B	TR	0.38	15.5	B	TR	0.53	17.3	B	TR	0.31	13.6	B	TR	0.48	15.3	B	TR	0.37	14.2	B	TR	0.49	15.5	B	TR	0.37	14.2	B	TR	0.61	18.4	B	TR	0.36	15.2	B	TR	0.44	16.1	B
	Intersection	16.2	B	Intersection	18.4	B	Intersection	16.5	B	Intersection	18.1	B	Intersection	16.0	B	Intersection	17.5	B	Intersection	16.8	B	Intersection	18.1	B	Intersection	16.8	B	Intersection	18.1	B	Intersection	16.8	B	Intersection	16.8	B	Intersection	19.1	B	Intersection	17.1	B	Intersection	18.2	B			
Eleventh Avenue and West 26th Street																																																
Eastbound	T	0.43	28.0	C	T	0.49	29.3	C	T	0.36	27.2	C	T	0.41	28.1	C	T	0.44	28.0	C	T	0.48	28.8	C	T	0.18	23.6	C	T	0.21	24.0	C	T	0.18	23.6	C	T	0.43	28.4	C	T	0.33	26.5	C	T	0.34	26.8	C
	R	0.25	24.7	C	R	0.30	25.7	C	R	0.17	24.3	C	R	0.19	24.5	C	R	0.22	24.2	C	R	0.37	27.6	C	R	0.14	23.0	C	R	0.21	24.3	C	R	0.14	23.0	C	R	0.41	29.6	C	R	0.27	25.7	C	R	0.41	29.1	C
Southbound	LT	0.48	15.4	B	LT	0.66	18.2	B	LT	0.40	15.7	B	LT	0.58	18.1	B	LT	0.33	13.8	B	LT	0.54	16.2	B	LT	0.36	14.1	B	LT	0.49	15.6	B	LT	0.36	14.1	B	LT	0.69	19.8	B	LT	0.39	15.5	B	LT	0.50	16.9	B
	Intersection	17.5	B	Intersection	19.7	B	Intersection	17.5	B	Intersection	19.3	B	Intersection	16.8	B	Intersection	18.4	B	Intersection	15.3	B	Intersection	16.6	B	Intersection	15.3	B	Intersection	16.6	B	Intersection	15.3	B	Intersection	21.1	C	Intersection	17.5	B	Intersection	18.8	B						
Eleventh Avenue and West 25th Street																																																
Westbound	-	-	-	-	L	0.46	29.2	C	-	-	-	-	L	0.48	30.4	C	-	-	-	-	L	0.5	29.8	C	-	-	-	-	L	0.48	29.2	C	-	-	-	-	L	0.5	30.7	C	-	-	-	-	L	0.62	34.5	C
	LT	0.28	24.9	C	LT	0.00	21.4	C	LT	0.26	25.4	C	LT	0.00	22.0	C	LT	0.27	24.6	C	LT	0.00	21.4	C	LT	0.30	25.2	C	LT	0.00	21.4	C	LT	0.28	25.6	C	LT	0.44	28.4	C	LT	0.00	22.0	C				
Southbound	TR	0.44	14.9	B	TR	0.60	17.1	B	TR	0.37	15.3	B	TR	0.53	17.2	B	TR	0.31	13.6	B	TR	0.47	15.3	B	TR	0.31	13.6	B	TR	0.41	14.6	B	TR	0.46	16.3	B	TR	0.58	17.9	B	TR	0.35	15.1	B	TR	0.43	16.0	B
	Intersection	15.9	B	Intersection	18.3	B	Intersection	16.4	B	Intersection	18.6	B	Intersection	14.9	B	Intersection	17.1	B																														

Table TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Tenth Avenue and West 40th Street																																																
Eastbound	LT	0.37	23.6	C	LT	0.94	69.3	E	LT	0.34	23.0	C	LT	0.62	32.6	C	LT	0.49	26.9	C	LT	1.07	104.3	F	LT	0.35	23.0	C	LT	0.70	39.3	D	LT	0.24	21.6	C	LT	0.54	30.3	C	LT	0.26	21.8	C	LT	0.47	28.4	C
Northbound	TR	0.44	17.9	B	TR	0.56	19.6	B	TR	0.51	20.1	C	TR	0.70	25.2	C	TR	0.68	21.7	C	TR	0.91	30.2	C	TR	0.54	19.2	B	TR	0.66	21.1	C	TR	0.58	20.9	C	TR	0.73	25.8	C	TR	0.48	19.6	B	TR	0.60	23.3	C
	Intersection	18.7	B		Intersection	29.2	C		Intersection	20.5	C		Intersection	28.5	C		Intersection	22.2	C		Intersection	40.5	D		Intersection	19.6	B		Intersection	23.7	C		Intersection	21.0	C		Intersection	26.5	C		Intersection	19.8	B		Intersection	24.1	C	
Tenth Avenue and West 39th Street																																																
Westbound	T	0.25	22.6	C	T	0.29	23.2	C	T	0.39	25.0	C	T	0.42	25.6	C	T	0.13	20.9	C	T	0.17	21.4	C	T	0.24	22.2	C	T	0.26	22.6	C	T	0.20	21.7	C	T	0.24	22.2	C	T	0.27	22.7	C	T	0.29	23.0	C
Northbound	LT	0.49	19.3	B	LT	0.62	21.1	C	LT	0.54	19.8	B	LT	0.66	21.8	C	LT	0.72	23.2	C	LT	0.91	31.2	C	LT	0.53	19.7	B	LT	0.64	21.4	C	LT	0.61	20.8	C	LT	0.70	22.6	C	LT	0.49	19.0	B	LT	0.56	20.0	C
	Intersection	19.7	B		Intersection	21.3	C		Intersection	20.7	C		Intersection	22.4	C		Intersection	23.1	C		Intersection	30.5	C		Intersection	20.1	C		Intersection	21.6	C		Intersection	20.9	C		Intersection	22.5	C		Intersection	19.6	B		Intersection	20.4	C	
Tenth Avenue and West 38th Street																																																
Eastbound	LT	0.48	26.9	C	LT	0.66	32.3	C	LT	0.43	25.6	C	LT	0.66	32.1	C	LT	0.28	22.9	C	LT	0.52	27.5	C	LT	0.33	23.6	C	LT	0.51	27.2	C	LT	0.37	24.2	C	LT	0.55	28.1	C	LT	0.35	23.8	C	LT	0.50	27.0	C
Northbound	TR	0.32	15.3	B	TR	0.52	17.6	B	TR	0.46	18.7	B	TR	0.56	19.9	B	TR	0.57	18.3	B	TR	0.73	21.0	C	TR	0.44	16.6	B	TR	0.52	17.6	B	TR	0.55	19.8	B	TR	0.64	21.1	C	TR	0.50	19.0	B	TR	0.56	19.9	B
	Intersection	17.6	B		Intersection	20.2	C		Intersection	19.7	B		Intersection	22.1	C		Intersection	18.7	B		Intersection	21.7	C		Intersection	17.3	B		Intersection	18.9	B		Intersection	20.3	C		Intersection	22.0	C		Intersection	19.6	B		Intersection	20.9	C	
Tenth Avenue and West 37th Street																																																
Westbound	TR	0.51	28.2	C	TR	0.59	30.5	C	TR	0.60	30.8	C	TR	0.67	33.4	C	TR	0.17	21.4	C	TR	0.24	22.4	C	TR	0.33	23.9	C	TR	0.38	24.8	C	TR	0.60	30.1	C	TR	0.65	32.2	C	TR	0.65	32.3	C	TR	0.69	34.1	C
Northbound	LT	0.51	17.6	B	LT	0.63	19.5	B	LT	0.53	17.8	B	LT	0.64	19.6	B	LT	0.72	21.2	C	LT	0.92	29.4	C	LT	0.53	17.9	B	LT	0.65	19.6	B	LT	0.59	18.8	B	LT	0.70	20.7	C	LT	0.50	17.3	B	LT	0.57	18.4	B
	Intersection	19.2	B		Intersection	21.2	C		Intersection	20.0	C		Intersection	21.8	C		Intersection	21.2	C		Intersection	29.0	C		Intersection	18.4	B		Intersection	20.1	C		Intersection	20.5	C		Intersection	22.3	C		Intersection	20.1	C		Intersection	21.1	C	
Tenth Avenue and West 36th Street																																																
Eastbound	LT	0.23	21.7	C	LT	0.53	26.2	C	LT	0.21	21.4	C	LT	0.46	24.8	C	LT	0.31	22.5	C	LT	0.74	31.4	C	LT	0.20	21.3	C	LT	0.42	24.0	C	LT	0.29	22.2	C	LT	0.47	24.7	C	LT	0.22	21.4	C	LT	0.34	22.9	C
Northbound	TR	0.59	20.6	C	TR	0.70	22.8	C	TR	0.61	20.9	C	TR	0.72	23.2	C	TR	0.86	27.7	C	TR	1.02	48.7	D	TR	0.61	20.9	C	TR	0.71	22.9	C	TR	0.69	22.3	C	TR	0.80	25.2	C	TR	0.62	21.0	C	TR	0.71	22.7	C
	Intersection	20.7	C		Intersection	23.6	C		Intersection	21.0	C		Intersection	23.5	C		Intersection	27.0	C		Intersection	44.8	D		Intersection	20.9	C		Intersection	23.1	C		Intersection	22.3	C		Intersection	25.1	C		Intersection	21.0	C		Intersection	22.8	C	
Tenth Avenue and West 35th Street																																																
Westbound	TR	0.93	59.6	E	TR	1.29	178.5	F	TR	0.60	32.2	C	TR	0.85	52.1	D	TR	0.29	23.4	C	TR	0.47	27.3	C	TR	0.52	28.0	C	TR	0.71	36.4	D	TR	0.55	30.6	C	TR	0.82	47.6	D	TR	0.58	31.4	C	TR	0.78	44.0	D
Northbound	LT	0.50	19.2	B	LT	0.60	20.9	C	LT	0.54	18.6	B	LT	0.66	20.6	C	LT	0.78	24.3	C	LT	0.92	31.6	C	LT	0.54	19.8	B	LT	0.64	21.3	C	LT	0.59	19.3	B	LT	0.70	21.3	C	LT	0.50	18.0	B	LT	0.58	19.1	B
	Intersection	29.3	C		Intersection	62.5	E		Intersection	20.7	C		Intersection	25.6	C		Intersection	24.2	C		Intersection	31.3	C		Intersection	20.9	C		Intersection	23.6	C		Intersection	20.7	C		Intersection	25.0	C		Intersection	20.0	C		Intersection	23.1	C	
Tenth Avenue and West 34th Street																																																
Eastbound	LT	1.05	94.8	F	LT	1.37	216.7	F	LT	0.95	69.9	E	LT	1.37	220.5	F	LT	1.05	97.0	F	LT	1.61	320.7	F	LT	0.68	33.9	C	LT	0.95	63.7	E	LT	0.81	46.0	D	LT	1.07	100.7	F	LT	0.81	43.3	D	LT	1.03	85.9	F
Westbound	T	0.93	55.8	E	T	1.04	81.4	F	T	0.83	41.7	D	T	0.92	53.7	D	T	0.72	34.2	C	T	0.83	42.3	D	T	0.58	29.0	C	T	0.67	32.2	C	T	0.64	30.8	C	T	0.74	35.1	D	T	0.61	29.6	C	T	0.68	32.4	C
Northbound	LTR	0.58	18.8	B	LTR	0.67	20.4	C	LTR	0.69	20.7	C	LTR	0.81	24.5	C	LTR	0.77	22.5	C	LTR	0.88	26.9	C	LTR	0.67	20.3	C	LTR	0.75	22.1	C	LTR	0.68	20.4	C	LTR	0.80	23.4	C	LTR	0.69	20.6	C	LTR	0.73	21.6	C
	Intersection	39.2	D		Intersection	66.9	E		Intersection	30.9	C		Intersection	57.7	E		Intersection	40.9	D		Intersection	75.5	E		Intersection	23.3	C		Intersection	29.5	C		Intersection	25.1	C		Intersection	34.7	C		Intersection	25.1	C		Intersection	32.8	C	
Tenth Avenue and West 33rd Street																																																
Westbound	TR	0.95	57.9	E	TR	1.23	148.7	F	TR	0.61	29.8	C	TR	0.78	37.9	D	TR	0.74	35.5	D	TR	0.95	58.2	E	TR	0.60	29.2	C	TR	0.77	37.0	D	TR	0.48	26.1	C	TR	0.69	32.5	C	TR	0.59	28.8	C	TR	0.71	33.2	C
Northbound	LT	0.60	19.0	B	LT	0.84	25.9	C	LT	0.59	18.8	B	LT	0.80	23.8	C	LT	0.75	21.9	C	LT	0.97	37.8	D	LT	0.64	19.5	B	LT	0.78	22.9	C	LT	0.66	19.8	B	LT	0.83	24.6	C	LT	0.65	19.8	B	LT	0.76	22.3	C
	Intersection	29.9	C		Intersection	62.1	E		Intersection	20.8	C		Intersection	26.6	C		Intersection	24.2	C		Intersection	41.6	D		Intersection	21.2	C		Intersection	25.6	C		Intersection	20.8	C		Intersection	25.9	C		Intersection	21.3	C		Intersection	24.3	C	
Tenth Avenue and West 31st Street																																																
Westbound	R	0.47	27.0	C	R	0.62	33.7	C	R	0.54	29.7	C	R	0.60	32.5	C	R	0.53	28.7	C	R	0.65	34.5	C	R	0.51	27.6	C	R	0.61	31.7	C	R	0.43	25.9	C	R	0.49	28.0	C	R	0.45	26.2	C	R	0.48	27.3	C
Northbound	T	0.47	17.0	B	T	0.57	18.4	B	T	0.49	17.3	B	T	0.57	18.4	B	T	0.59	18.6	B	T	0.68	20.2	C	T	0.54	17.9	B	T	0.58	18.5	B	T	0.55	18.0	B	T	0.63	19.4	B	T	0.56	18.2	B	T	0.58	18.5	B
	Intersection	18.5	B		Intersection	20.3	C		Intersection	19.0	B		Intersection	20.1	C		Intersection	19.8	B		Intersection	21.7	C		Intersection	19.3	B		Intersection	20.2	C		Intersection	18.9	B		Intersection	20.2	C		Intersection	19.1	B		Intersection	19.5	B	
Tenth Avenue and West 30th Street																																																
Eastbound	L	0.47	28.3	C	L	0.62	34.8	C	L	0.42	27.2	C	L	0.67	38.1	D	L	0.43	27.1	C	L	0.53	31.0	C	L	0.54	29.7	C	L	0.61	32.9	C	L	0.34	25.4	C	L	0.58	32.7	C	L	0.50	28.7	C	L	0.55	30.7	C
Westbound	T	0.86	50.0	D	T																																											

Table TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour											
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS												
Signalized Intersections																																																				
Ninth Avenue and West 42nd Street																																																				
Eastbound	T	1.05	89.5	F	T	1.13	116.2	F	T	1.05	87.1	F	T	1.13	116.4	F	T	0.91	54.9	D	T	0.98	69.5	E	T	0.77	41.1	D	T	0.83	46.7	D	T	0.82	44.5	D	T	0.88	52.2	D	T	0.88	51.3	D	T	0.95	62.8	E				
	R	0.23	26.9	C	R	0.26	28.5	C	R	0.42	31.4	C	R	0.45	33.4	C	R	0.38	30.9	C	R	0.41	32.8	C	R	0.56	37.2	D	R	0.61	41.1	D	R	0.44	31.7	C	R	0.47	33.6	C	R	0.95	81.5	F	R	1.02	102.6	F				
Westbound	L	0.75	54.3	D	L	1.13	149.5	F	L	0.67	46.9	D	L	0.97	97.5	F	L	0.71	47.3	D	L	0.98	101.5	F	L	0.73	47.2	D	L	1.11	142.2	F	L	0.46	32.7	C	L	0.70	57.0	E	L	0.45	34.8	C	L	0.64	54.6	D				
	T	0.18	16.3	B	T	0.19	14.7	B	T	0.29	17.6	B	T	0.32	16.3	B	T	0.33	18.3	B	T	0.36	16.8	B	T	0.39	19.7	B	T	0.42	18.4	B	T	0.26	17.2	B	T	0.27	15.6	B	T	0.24	17.2	B	T	0.27	15.8	B				
Southbound	L	0.61	51.1	D	L	0.68	57.6	E	L	0.59	49.4	D	L	0.65	54.9	D	L	0.70	56.7	E	L	0.78	67.0	E	L	0.48	44.4	D	L	0.53	47.8	D	L	0.72	58.1	E	L	0.80	68.4	E	L	0.67	54.0	D	L	0.74	62.2	E				
	TR	0.49	18.0	B	TR	0.79	26.6	C	TR	0.57	19.2	B	TR	0.89	32.3	C	TR	0.65	20.4	C	TR	1.00	49.0	D	TR	0.62	19.9	B	TR	0.94	36.9	D	TR	0.52	18.4	B	TR	0.82	27.6	C	TR	0.51	18.2	B	TR	0.78	26.2	C				
	Intersection	39.4	D		Intersection	56.9	E		Intersection	37.0	D		Intersection	53.3	D		Intersection	29.8	C		Intersection	53.1	D		Intersection	26.8	C		Intersection	44.8	D		Intersection	26.9	C		Intersection	35.2	D		Intersection	32.8	C		Intersection	42.1	D					
Ninth Avenue and West 37th Street																																																				
Westbound	L	0.84	48.7	D	L	0.87	52.1	D	L	0.83	49.2	D	L	0.86	51.9	D	L	1.05	93.5	F	L	1.08	100.6	F	L	1.05	91.0	F	L	1.07	97.5	F	L	0.96	69.2	E	L	0.98	75.3	E	L	1.05	91.3	F	L	1.07	97.0	F				
	T	0.30	24.9	C	T	0.40	26.8	C	T	0.53	30.8	C	T	0.60	33.1	C	T	0.06	21.3	C	T	0.13	22.2	C	T	0.14	22.3	C	T	0.19	23.0	C	T	0.47	28.9	C	T	0.54	30.6	C	T	0.48	28.8	C	T	0.52	30.0	C				
Southbound	TR	0.37	15.3	B	TR	0.51	17.0	B	TR	0.44	16.5	B	TR	0.58	18.5	B	TR	0.46	16.3	B	TR	0.62	18.5	B	TR	0.46	16.2	B	TR	0.60	18.3	B	TR	0.60	18.6	B	TR	0.79	22.8	C	TR	0.49	17.2	B	TR	0.65	19.6	B				
	Intersection	22.7	C		Intersection	24.5	C		Intersection	23.2	C		Intersection	31.3	C		Intersection	33.8	C		Intersection	31.6	C		Intersection	34.1	C		Intersection	34.1	C		Intersection	26.1	C		Intersection	30.2	C		Intersection	32.0	C		Intersection	34.5	C					
Ninth Avenue and West 36th Street																																																				
Eastbound	TR	0.65	25.5	C	TR	0.76	28.7	C	TR	0.52	26.2	C	TR	0.63	28.7	C	TR	0.50	26.0	C	TR	0.64	28.7	C	TR	0.54	26.6	C	TR	0.63	28.3	C	TR	0.54	23.1	C	TR	0.61	24.5	C	TR	0.63	24.8	C	TR	0.68	26.2	C				
Southbound	LT	0.52	16.2	B	LT	0.55	16.5	B	LT	0.54	13.7	B	LT	0.55	13.8	B	LT	0.46	12.7	B	LT	0.48	12.9	B	LT	0.49	13.1	B	LT	0.50	13.1	B	LT	0.73	20.3	C	LT	0.75	20.6	C	LT	0.76	21.2	C	LT	0.76	21.1	C				
	R	0.32	9.1	A	R	0.33	9.3	A	R	0.47	8.4	A	R	0.48	8.5	A	R	0.66	11.3	B	R	0.67	11.7	B	R	0.60	10.2	B	R	0.61	10.4	B	R	0.88	25.1	C	R	0.90	27.5	C	R	0.55	12.3	B	R	0.56	12.5	B				
	Intersection	18.1	B		Intersection	19.7	B		Intersection	14.8	B		Intersection	15.9	B		Intersection	14.8	B		Intersection	16.2	B		Intersection	14.9	B		Intersection	15.7	B		Intersection	23.6	C		Intersection	20.3	C		Intersection	20.8	C									
Ninth Avenue and West 35th Street																																																				
Westbound	LT	0.55	30.6	C	LT	0.82	46.5	D	LT	0.77	40.4	D	LT	1.02	84.0	F	LT	0.65	34.0	C	LT	0.92	59.9	E	LT	0.77	39.2	D	LT	0.98	70.3	E	LT	0.83	44.4	D	LT	1.07	93.7	F	LT	0.63	32.2	C	LT	0.80	42.6	D				
Southbound	TR	0.36	11.5	B	TR	0.54	13.7	B	TR	0.38	11.7	B	TR	0.56	14.0	B	TR	0.35	11.4	B	TR	0.52	13.4	B	TR	0.33	11.2	B	TR	0.48	12.9	B	TR	0.41	12.0	B	TR	0.60	14.7	B	TR	0.44	12.3	B	TR	0.63	15.1	B				
	Intersection	14.7	B		Intersection	20.5	C		Intersection	18.1	B		Intersection	31.3	C		Intersection	15.6	B		Intersection	23.9	C		Intersection	18.3	B		Intersection	28.5	C		Intersection	19.5	B		Intersection	34.4	C		Intersection	15.7	B		Intersection	20.2	C					
Ninth Avenue and West 34th Street																																																				
Eastbound	T	1.05	84.2	F	T	1.21	143.8	F	T	0.77	40.2	D	T	0.97	66.6	E	T	0.65	31.2	C	T	0.85	43.0	D	T	0.71	33.5	C	T	0.84	42.1	D	T	0.75	38.6	D	T	0.93	57.7	E	T	0.70	35.5	D	T	0.79	41.3	D				
	R	0.79	44.8	D	R	0.99	84.9	F	R	0.60	34.7	C	R	0.74	46.4	D	R	0.76	41.8	D	R	0.96	74.5	E	R	0.62	31.8	C	R	0.74	39.3	D	R	0.60	34.6	C	R	0.72	43.0	D	R	0.85	52.6	D	R	0.90	60.7	E				
Westbound	T	0.68	27.3	C	T	0.78	32.1	C	T	0.90	43.9	D	T	1.01	64.5	E	T	0.91	43.8	D	T	1.03	70.1	E	T	0.62	26.5	C	T	0.76	30.6	C	T	0.87	39.4	D	T	0.98	56.8	E	T	0.70	27.8	C	T	0.79	32.5	C				
Southbound	-	-	-	-	L	0.55	46.2	D	-	-	-	-	L	0.78	61.6	E	-	-	-	-	L	0.68	52.7	D	-	-	-	-	L	0.33	38.8	D	-	-	-	-	L	0.51	44.0	D	-	-	-	-	L	0.53	44.3	D				
	LTR	0.61	19.6	B	-	-	-	-	LTR	0.69	21.4	C	-	-	-	-	LTR	0.62	19.7	B	-	-	-	-	LTR	0.59	19.2	B	-	-	-	-	LTR	0.71	21.5	C	-	-	-	-	LTR	0.72	21.8	C	-	-	-	-	LTR	0.69	21.1	C
	Intersection	38.5	D		Intersection	59.3	E		Intersection	30.9	C		Intersection	44.4	D		Intersection	30.0	C		Intersection	43.9	D		Intersection	24.6	C		Intersection	28.6	C		Intersection	29.3	C		Intersection	38.5	D		Intersection	28.4	C		Intersection	31.9	C					
Ninth Avenue and West 33rd Street																																																				
Westbound	LT	0.68	37.6	D	LT	0.75	42.5	D	LT	0.66	36.3	D	LT	0.71	39.2	D	LT	0.89	55.7	E	LT	0.94	64.7	E	LT	0.75	40.5	D	LT	0.80	44.9	D	LT	0.73	40.7	D	LT	0.79	45.0	D	LT	0.54	31.9	C	LT	0.57	32.9	C				
Southbound	TR	0.68	19.4	B	TR	0.75	21.2	C	TR	0.58	18.5	B	TR	0.63	19.3	B	TR	0.68	19.4	B	TR	0.74	21.0	C	TR	0.65	18.4	B	TR	0.68	19.3	B	TR	0.69	20.6	C	TR	0.74	21.9	C	TR	0.72	21.3	C	TR	0.76	22.3	C				
	Intersection	22.5	C		Intersection	24.9	C		Intersection	22.2	C		Intersection	23.4	C		Intersection	28.1	C		Intersection	31.2	C		Intersection	22.8	C		Intersection	24.3	C		Intersection	24.2	C		Intersection	26.0	C		Intersection	22.8	C		Intersection	23.8	C					
Ninth Avenue and West 30th Street																																																				
Eastbound	T	0.55	30.7	C	T	0.86	42.8	D	T	0.31	27.5	C	T	0.57	31.6	C	T	0.52	29.8	C	T	0.89	45.6	D	T	0.23	25.7	C	T	0.43	28.4	C	T	0.43	29.1	C	T	0.66	33.9	C	T	0.35	27.9	C	T	0.49	30.0	C				
	R	1.05	85.2	F	R	1.37	212.2	F	R	0.54	32.3	C	R	0.85	46.8	D	R	0.55	32.1	C	R	0.99	70.4	E	R	0.60	33.0	C	R	0.81	42.2	D	R	0.93	58.5	E	R	1.13	116.0	F	R	0.84	45.0	D	R	0.96	60.9	E				
Southbound	LTR	0.68	22.2	C	LTR	0.72	23.3	C	LTR	0.68	24.7	C	LTR	0.71	25.5	C	LTR	0.69	22.3	C	LTR																															

Table TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Eighth Avenue and West 34th Street																																																
Eastbound	T	1.05	82.7	F	T	1.19	132.9	F	T	0.92	51.5	D	T	1.09	95.2	F	T	0.78	37.5	D	T	0.96	58.5	E	T	1.03	78.7	E	T	0.73	34.5	C	T	0.87	45.1	D	T	0.93	54.9	D	T	1.03	79.1	E				
Westbound	T	0.54	27.6	C	T	0.63	30.3	C	T	0.96	59.3	E	T	1.08	93.8	F	T	0.99	65.4	E	T	1.15	115.7	F	T	1.03	84.2	C	T	0.73	34.2	C	T	0.84	41.1	D	T	0.87	45.1	D	T	1.03	79.1	E				
Northbound	L	0.44	43.4	D	L	0.49	46.4	D	L	0.51	46.2	D	L	0.58	50.7	D	L	0.60	49.4	D	L	0.67	55.7	E	L	0.41	42.1	D	L	0.47	44.9	D	L	0.50	45.0	D	L	0.57	49.2	D	L	0.57	48.3	D	L	0.65	54.2	D
	TR	0.58	21.7	C	TR	0.62	22.5	C	TR	0.52	20.3	C	TR	0.55	20.9	C	TR	0.69	24.2	C	TR	0.74	25.6	C	TR	0.67	23.3	C	TR	0.70	24.3	C	TR	0.71	24.9	C	TR	0.65	22.7	C	TR	0.66	23.5	C	TR	0.68	24.1	C
	Intersection	44.2	D	Intersection	62.6	E	Intersection	41.2	D	Intersection	64.4	E	Intersection	40.0	D	Intersection	60.4	E	Intersection	47.1	D	Intersection	67.9	E	Intersection	30.2	C	Intersection	33.9	C	Intersection	50.1	D	Intersection	68.4	E												
Eighth Avenue and West 33rd Street																																																
Westbound	TR	0.06	17.5	B	TR	0.06	17.5	B	TR	0.03	17.8	B	TR	0.13	18.1	B	TR	0.13	18.1	B	TR	0.08	17.7	B	TR	0.08	17.7	B	TR	0.02	17.6	B	TR	0.02	17.6	B	TR	0.03	17.8	B	TR	0.03	17.8	B				
Northbound	L	0.82	62.2	E	L	0.90	73.8	E	L	0.96	88.0	F	L	1.02	102.4	F	L	1.05	107.9	F	L	1.12	131.1	F	L	1.05	106.6	F	L	1.09	121.1	F	L	1.03	106.5	F	L	1.10	125.0	F	L	0.88	72.4	E				
	TR	0.42	19.0	B	TR	0.44	19.3	B	TR	0.46	20.8	C	TR	0.49	21.1	C	TR	0.35	18.2	B	TR	0.47	19.7	B	TR	0.46	19.5	B	TR	0.48	19.8	B	TR	0.50	21.3	C	TR	0.52	21.6	C	TR	0.44	20.5	C				
	Intersection	28.3	C	Intersection	31.3	C	Intersection	35.8	D	Intersection	39.4	D	Intersection	42.9	D	Intersection	45.8	D	Intersection	39.8	D	Intersection	43.5	D	Intersection	39.7	D	Intersection	44.2	D	Intersection	31.5	C	Intersection	33.4	C												
Eighth Avenue and West 31st Street																																																
Westbound	T	0.36	18.2	B	T	0.36	18.3	B	T	0.37	18.3	B	T	0.37	18.4	B	T	0.43	19.3	B	T	0.44	19.4	B	T	0.38	18.4	B	T	0.38	18.5	B	T	0.41	19.0	B	T	0.42	19.1	B	T	0.29	17.1	B				
Northbound	R	0.45	26.5	C	R	0.46	26.8	C	R	0.72	37.9	D	R	0.73	38.6	D	R	0.71	38.5	D	R	0.73	39.5	D	R	0.70	36.4	D	R	0.72	37.4	D	R	0.59	30.8	C	R	0.60	31.2	C	R	0.68	35.5	D				
	L	0.85	65.5	E	L	0.87	68.0	E	L	0.71	49.6	D	L	0.71	50.1	D	L	0.80	57.0	E	L	0.81	58.3	E	L	0.73	51.0	D	L	0.74	51.9	D	L	0.91	73.7	E	L	0.93	76.8	E	L	0.93	75.9	E				
	T	0.41	17.8	B	T	0.45	18.2	B	T	0.42	17.9	B	T	0.46	18.3	B	T	0.48	18.6	B	T	0.52	19.2	B	T	0.49	18.6	B	T	0.51	19.0	B	T	0.50	18.9	B	T	0.53	19.3	B	T	0.42	17.8	B				
	Intersection	26.3	C	Intersection	26.7	C	Intersection	25.4	C	Intersection	25.6	C	Intersection	26.4	C	Intersection	26.8	C	Intersection	25.1	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	28.3	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	30.3	C									
Eighth Avenue and West 30th Street																																																
Eastbound	L	0.66	35.8	D	L	0.72	39.0	D	L	0.63	33.2	C	L	0.71	38.0	D	L	0.88	54.8	D	L	0.97	70.6	E	L	0.61	32.3	C	L	0.65	34.0	C	L	0.75	39.8	D	L	0.8	43.7	D	L	0.70	37.0	D				
Northbound	T	0.71	27.5	C	T	1.10	93.5	F	T	0.33	17.7	B	T	0.64	24.7	C	T	0.54	21.8	C	T	1.02	67.0	E	T	0.27	16.9	B	T	0.52	21.2	C	T	0.58	22.6	C	T	0.90	41.9	D	T	0.40	18.8	B				
	TR	0.41	17.6	B	TR	0.44	17.9	B	TR	0.34	16.8	B	TR	0.36	17.1	B	TR	0.47	18.3	B	TR	0.50	18.7	B	TR	0.49	18.6	B	TR	0.51	18.9	B	TR	0.46	18.2	B	TR	0.49	18.5	B	TR	0.41	17.6	B				
	Intersection	22.9	C	Intersection	47.1	D	Intersection	20.3	C	Intersection	22.8	C	Intersection	25.8	C	Intersection	42.0	D	Intersection	20.7	C	Intersection	21.7	C	Intersection	21.7	C	Intersection	22.8	C	Intersection	22.8	C	Intersection	29.2	C	Intersection	21.5	C									
Eighth Avenue and West 29th Street																																																
Westbound	TR	0.70	30.5	C	TR	1.07	88.0	F	TR	0.73	31.9	C	TR	1.02	71.2	E	TR	1.02	72.3	E	TR	1.38	210.1	F	TR	0.97	58.9	E	TR	1.20	133.2	F	TR	0.79	34.4	C	TR	1.06	81.6	F	TR	0.83	38.1	D				
Northbound	L	0.90	58.3	E	L	1.07	102.4	F	L	0.64	33.1	C	L	0.74	39.6	D	L	0.83	54.6	D	L	0.97	80.9	F	L	0.65	33.6	C	L	0.72	38.4	D	L	0.99	82.6	F	L	1.08	109.8	F	L	0.70	36.2	D				
	T	0.26	13.8	B	T	0.28	13.9	B	T	0.25	13.6	B	T	0.27	13.8	B	T	0.30	14.0	B	T	0.32	14.2	B	T	0.31	14.2	B	T	0.32	14.3	B	T	0.38	14.9	B	T	0.40	15.1	B	T	0.29	14.0	B				
	Intersection	27.2	C	Intersection	56.8	E	Intersection	22.2	C	Intersection	38.7	D	Intersection	39.1	D	Intersection	101.4	F	Intersection	31.7	C	Intersection	62.1	E	Intersection	29.3	C	Intersection	48.4	D	Intersection	24.9	C	Intersection	48.4	D	Intersection	24.9	C									
Eighth Avenue and West 28th Street																																																
Eastbound	L	0.32	26.7	C	L	0.32	26.8	C	L	0.21	25.6	C	L	0.22	25.6	C	L	0.34	28.8	C	L	0.34	28.8	C	L	0.15	23.8	C	L	0.15	23.8	C	L	0.17	24.9	C	L	0.17	24.9	C	L	0.15	24.5	C				
Northbound	T	0.57	26.2	C	T	0.66	29.7	C	T	0.31	19.8	B	T	0.36	20.7	C	T	0.38	22.1	C	T	0.44	23.5	C	T	0.33	21.4	C	T	0.39	22.5	C	T	0.44	21.9	C	T	0.52	23.8	C	T	0.41	21.3	C				
	TR	0.36	13.6	B	TR	0.39	13.9	B	TR	0.33	14.4	B	TR	0.36	14.7	B	TR	0.41	14.1	B	TR	0.44	14.5	B	TR	0.43	14.4	B	TR	0.46	14.6	B	TR	0.52	16.5	B	TR	0.54	16.9	B	TR	0.40	15.1	B				
	Intersection	17.8	B	Intersection	18.7	B	Intersection	16.2	B	Intersection	16.5	B	Intersection	16.7	B	Intersection	17.1	B	Intersection	15.9	B	Intersection	16.2	B	Intersection	16.2	B	Intersection	17.8	B	Intersection	18.4	B	Intersection	18.4	B	Intersection	16.8	B									
Eighth Avenue and West 23rd Street																																																
Eastbound	T	0.99	75.3	E	T	1.02	81.3	F	T	0.82	46.8	D	T	0.85	49.9	D	T	0.89	53.8	D	T	0.93	59.7	E	T	0.94	62.5	E	T	0.98	69.8	E	T	0.94	62.4	E	T	0.99	73.3	E	T	0.76	41.1	D				
Westbound	T	0.41	27.2	C	T	0.43	27.5	C	T	1.05	98.0	F	T	1.09	110.4	F	T	1.05	91.4	F	T	1.05	91.4	F	T	1.09	105.3	F	T	1.09	105.3	F	T	1.11	113.5	F	T	1.05	93.6	F								
	R	0.56	33.2	C	R	0.54	32.4	C	R	0.58	34.0	C	R	0.59	34.4	C	R	0.58	34.0	C	R	0.59	34.4	C	R	0.59	34.4	C	R	0.59	34.4	C	R	0.59	34.4	C	R	0.59	34.4	C	R	0.59	34.4	C				
Northbound	L	0.63	49.0	D	L	0.64	49.6	D	L	0.73	55.7	E	L	0.74	56.6	E	L	0.24	35.4	D	L	0.25	35.6	D	L	0.05	32.0	C	L	0.05	32.0	C	L	0.26	35.4	D	L	0.26	35.5	D	L	0.34	37.3	D				
	TR	0.57	18.7	B	TR	0.62	19.5	B	TR	0.44	16.2	B	TR	0.47	16.6	B	TR	0.50	17.6	B	TR	0.53	18.1	B	TR	0.49	17.5	B	TR	0.51	17.8	B	TR	0.50	17.0	B	TR	0.53	17.4	B								
	Intersection	34.0	C	Intersection	35.1	D	Intersection	41.7	D	Intersection	44.5	D	Intersection	28																																		

Table TA-T2

2024 Existing and 2031 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	Existing				No Action				Existing				No Action				Existing				No Action				Existing				No Action				Existing				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Sixth Avenue and West 23rd Street																																																
Eastbound	T	0.92	49.7	D	T	0.94	53.4	D	T	0.77	34.7	C	T	0.80	36.5	D	T	0.79	35.4	D	T	0.82	37.8	D	T	0.95	55.0	D	T	0.99	62.2	E	T	0.78	35.0	C	T	0.82	37.8	D	T	0.70	30.3	C	T	0.73	31.6	C
Westbound	T	0.36	21.3	C	T	0.37	21.5	C	-	-	-	-	T	0.47	23.2	C	T	0.50	23.9	C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	TR	0.41	22.7	C	TR	0.44	23.1	C	-	-	-	-	-	-	-	-	TR	0.59	26.8	C	TR	0.62	27.8	C	TR	0.49	24.1	C	TR	0.53	25.1	C	TR	0.38	21.9	C	TR	0.41	22.4	C
	R	0.12	19.1	B	R	0.12	19.1	B	-	-	-	-	R	0.05	17.5	B	R	0.05	17.5	B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Northbound	L	0.32	21.7	C	L	0.32	21.9	C	L	0.40	24.4	C	L	0.41	24.7	C	L	0.51	29.5	C	L	0.52	30.3	C	L	0.33	21.0	C	L	0.34	21.2	C	L	0.45	26.1	C	L	0.46	26.4	C	L	0.52	27.3	C	L	0.53	27.8	C
	T	0.49	15.6	B	T	0.51	15.7	B	T	0.46	15.2	B	T	0.47	15.3	B	T	0.52	15.8	B	T	0.53	16.0	B	T	0.43	14.8	B	T	0.44	14.9	B	T	0.44	15.0	B	T	0.45	15.1	B	T	0.52	15.9	B	T	0.53	16.0	B
	R	0.87	57.1	E	R	0.87	58.6	E	R	1.05	100.5	F	R	1.08	107.5	F	R	1.04	100.7	F	R	1.07	108.4	F	R	0.93	70.0	E	R	0.94	73.1	E	R	1.05	103.7	F	R	1.08	111.4	F	R	1.05	94.5	F	R	1.07	100.4	F
	Intersection	26.8	C	Intersection	27.8	C	Intersection	29.0	C	Intersection	30.2	C	Intersection	27.6	C	Intersection	28.8	C	Intersection	30.5	C	Intersection	32.6	C	Intersection	28.8	C	Intersection	30.3	C	Intersection	30.3	C	Intersection	28.3	C	Intersection	29.2	C									
Unsignalized Intersections																																																
Lincoln Tunnel and West 33rd Street																																																
Southbound	R	0.98	105.8	F	R	1.57	325.5	F	R	0.12	13.5	B	R	0.23	15.1	C	R	0.09	36.0	E	R	0.61	74.7	F	R	0.01	12.2	B	R	0.10	13.2	B	R	0.11	13.7	B	R	0.23	15.5	C	R	0.05	12.2	B	R	0.12	13.0	B

Notes: L = Left Turn; T = Through; R = Right Turn; LOS = Level of Service.

¹ 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 TA-13

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Proposed Project

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Twelfth Avenue and West 54th Street																																																
Northbound	TR	0.81	18.1	B	TR	0.82	18.3	B	TR	0.95	28.8	C	TR	0.97	31.8	C	TR	0.90	22.7	C	TR	0.92	24.1	C	TR	0.87	20.8	C	TR	0.89	21.8	C	TR	1.05	56.5	E	TR	1.07	64.7	E	TR	0.88	24.4	C	TR	0.90	26.0	C
Southbound	L	0.58	57.9	E	L	0.58	57.9	E	L	0.30	34.6	C	L	0.37	51.2	D	L	0.37	51.2	D	L	0.37	51.2	D	L	0.31	49.8	D	L	0.31	49.8	D	L	0.33	33.2	C	L	0.33	33.2	C	L	0.38	34.0	C				
	T	0.76	15.9	B	T	0.76	16.0	B	T	0.58	14.2	B	T	0.59	14.4	B	T	0.68	14.0	B	T	0.69	14.2	B	T	0.46	10.6	B	T	0.47	10.8	B	T	0.75	19.2	B	T	0.76	19.6	B	T	0.87	24.1	C	T	0.89	25.3	C
	Intersection	18.1	B	Intersection	18.3	B	Intersection	22.7	C	Intersection	24.4	C	Intersection	19.0	B	Intersection	19.9	B	Intersection	17.3	B	Intersection	17.9	B	Intersection	38.5	D	Intersection	42.9	D	Intersection	24.5	C	Intersection	25.9	C	Intersection	25.9	C	Intersection	25.9	C	Intersection	25.9	C	Intersection	25.9	C
Twelfth Avenue and West 42nd Street																																																
Eastbound	LTR	0.03	46.1	D	LTR	0.03	46.1	D	LTR	0.04	32.1	C	LTR	0.04	32.1	C	LTR	0.08	47.2	D	LTR	0.08	47.2	D	LTR	0.06	46.8	D	LTR	0.06	46.8	D	LTR	0.06	32.5	C	LTR	0.06	32.5	C	LTR	0.03	32.0	C	LTR	0.03	32.0	C
Westbound	L	0.26	50.1	D	L	0.26	50.1	D	L	0.13	33.2	C	L	0.13	33.2	C	L	0.31	51.2	D	L	0.31	51.2	D	L	0.23	49.2	D	L	0.23	49.2	D	L	0.23	34.7	C	L	0.23	34.7	C	L	0.21	34.2	C				
	R	0.49	30.9	C	R	0.49	30.9	C	R	0.70	27.0	C	R	0.70	27.0	C	R	0.52	40.6	D	R	0.52	40.6	D	R	0.54	41.1	D	R	0.57	22.5	C	R	0.57	22.5	C	R	0.42	18.9	B	R	0.42	18.9	B				
Northbound	TR	1.27	167.6	F	TR	1.28	169.0	F	TR	1.39	214.5	F	TR	1.41	224.8	F	TR	1.20	127.4	F	TR	1.22	136.8	F	TR	1.11	88.1	F	TR	1.13	96.8	F	TR	1.23	144.6	F	TR	1.26	157.1	F	TR	1.17	120.5	F	TR	1.21	135.4	F
Southbound	L	0.69	60.7	E	L	0.69	60.7	E	L	0.75	51.6	D	L	0.75	51.6	D	L	1.18	169.3	F	L	1.18	169.3	F	L	0.80	80.2	F	L	0.80	80.2	F	L	0.82	56.2	E	L	0.82	56.2	E	L	0.68	48.8	D	L	0.68	48.8	D
	T	1.08	75.5	E	T	1.09	79.7	E	T	0.89	34.9	C	T	0.92	37.4	D	T	1.06	65.2	E	T	1.08	73.6	E	T	0.69	20.4	C	T	0.71	21.0	C	T	1.02	56.8	E	T	1.05	66.0	E	T	1.03	59.5	E	T	1.07	72.0	E
	Intersection	115.1	F	Intersection	117.4	F	Intersection	125.3	F	Intersection	131.2	F	Intersection	109.7	F	Intersection	109.7	F	Intersection	63.7	E	Intersection	63.7	E	Intersection	68.7	E	Intersection	68.7	E	Intersection	97.3	F	Intersection	106.8	F	Intersection	106.8	F	Intersection	85.7	F	Intersection	97.8	F			
Twelfth Avenue and West 41st Street																																																
Eastbound	LR	0.06	39.0	D	LR	0.06	39.0	D	LR	0.02	24.9	C	LR	0.02	24.9	C	LR	0.03	46.9	D	LR	0.03	46.9	D	LR	0.05	47.1	D	LR	0.05	47.1	D	LR	0.05	25.4	C	LR	0.05	25.4	C	LR	0.02	24.9	C	LR	0.02	24.9	C
Westbound	L	0.19	41.4	D	L	0.19	41.4	D	L	0.14	26.7	C	L	0.14	26.7	C	L	0.08	47.7	D	L	0.08	47.7	D	L	0.17	49.3	D	L	0.17	49.3	D	L	0.17	27.1	C	L	0.17	27.1	C	L	0.13	26.5	C	L	0.13	26.5	C
	R	0.93	84.8	F	R	0.93	84.8	F	R	1.10	110.5	F	R	1.10	110.5	F	R	0.88	68.6	E	R	0.88	68.6	E	R	0.95	103.9	F	R	0.95	103.9	F	R	0.79	47.0	D	R	0.79	47.0	D	R	0.99	76.8	E	R	0.99	76.8	E
Northbound	T	0.80	23.0	C	T	0.80	23.1	C	T	0.79	24.7	C	T	0.81	25.0	C	T	0.86	19.7	B	T	0.86	19.7	B	T	0.98	16.4	B	T	0.80	17.0	B	T	0.87	28.1	C	T	0.90	29.6	C	T	0.80	24.0	C	T	0.82	26.0	C
Southbound	T	1.05	60.7	E	T	1.06	64.1	E	T	0.80	25.6	C	T	0.82	26.6	C	T	0.95	28.8	C	T	0.97	32.1	C	T	0.62	12.9	B	T	0.64	13.3	B	T	0.93	34.5	C	T	0.96	37.9	D	T	0.93	34.1	C	T	0.96	38.4	C
	Intersection	44.6	D	Intersection	46.4	D	Intersection	34.2	C	Intersection	34.7	C	Intersection	25.2	C	Intersection	27.1	C	Intersection	19.5	B	Intersection	19.9	B	Intersection	32.0	C	Intersection	34.1	C	Intersection	33.5	C	Intersection	34.1	C	Intersection	33.5	C	Intersection	33.5	C	Intersection	35.7	D			
Twelfth Avenue and West 30th Street																																																
Eastbound	LTR	0.04	62.3	E	LTR	0.04	62.3	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D
Northbound	TR	0.86	22.4	C	TR	0.93	28.1	C	TR	0.80	20.8	C	TR	0.88	24.0	C	TR	1.00	39.7	D	TR	1.05	54.5	D	TR	0.92	26.9	C	TR	0.96	31.6	C	TR	0.83	21.8	C	TR	0.88	23.8	C	TR	0.72	18.2	B	TR	0.77	19.5	B
Southbound	L	1.37	260.5	F	L	1.62	367.1	F	L	0.96	104.2	F	L	1.12	151.2	F	L	1.26	218.3	F	L	1.34	249.5	F	L	1.03	138.3	F	L	1.03	138.3	F	L	1.22	186.5	F	L	1.26	201.1	F	L	1.15	158.7	F	L	1.18	170.6	F
	TR	0.82	21.2	C	TR	0.82	21.2	C	TR	0.63	16.7	B	TR	0.63	16.7	B	TR	0.84	22.2	C	TR	0.84	22.2	C	TR	0.56	14.0	B	TR	0.56	14.0	B	TR	0.79	20.8	C	TR	0.79	20.8	C	TR	0.72	18.6	B	TR	0.72	18.6	B
	Intersection	32.7	C	Intersection	42.8	D	Intersection	23.1	C	Intersection	27.8	C	Intersection	39.5	D	Intersection	49.7	D	Intersection	25.9	C	Intersection	25.9	C	Intersection	30.0	C	Intersection	29.6	C	Intersection	31.5	C	Intersection	29.6	C	Intersection	31.5	C	Intersection	25.7	C	Intersection	27.0	C			
Twelfth Avenue and West 29th Street																																																
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	39.2	D
Westbound	L	0.20	54.0	D	L	0.20	54.0	D	L	0.18	42.0	D	L	0.18	42.0	D	L	0.14	52.9	D	L	0.14	52.9	D	L	0.14	53.0	D	L	0.14	53.0	D	L	0.11	41.1	D	L	0.11	41.1	D	L	0.11	40.7	D	L	0.11	40.7	D
	R	2.7	840.3	F	R	3.39	1148.0	F	R	1.68	370.4	F	R	2.25	624.0	F	R	2.38	693.2	F	R	2.25	624.0	F	R	1.9	481.1	F	R	1.94	485.5	F	R	2.25	623.7	F	R	2.25	623.7	F	R	1.77	407.3	F	R	1.77	407.3	F
Northbound	T	0.65	13.8	B	T	0.66	14.0	B	T	0.63	14.9	B	T	0.65	15.2	B	T	0.80	17.7	B	T	0.81	18.2	B	T	0.78	16.8	B	T	0.79	17.1	B	T	0.66	15.3	B	T	0.67	15.6	B	T	0.59	14.0	B	T	0.60	14.3	B
Southbound	TR	0.80	18.4	B	TR	0.80	18.4	B	TR	0.61	14.7	B	TR	0.61	14.7	B	TR	0.83	19.2	B	TR	0.83	19.2	B	TR	0.55	12.1	B	TR	0.55	12.1	B	TR	0.77	18.3	B	TR	0.77	18.3	B	TR	0.71	16.8	B	TR	0.71	16.8	B
	Intersection	111.5	F	Intersection	174.6	F	Intersection	53.0	D	Intersection	98.3	F	Intersection	84.1	F	Intersection	114.9	F	Intersection	40.8	D	Intersection	40.8	D	Intersection	59.7	E	Intersection	67.1	E	Intersection	90.5	F	Intersection	90.5	F	Intersection	35.0	C	Intersection	58.3	E						
Eleventh Avenue and West 42nd Street																																																
Eastbound	T	0.31	20.4	C	T	0.29	20.2	C	T	0.26	19.7	B	T	0.23	19.4	B	T	0.25	20.9	C	T	0.24	20.8	C	T	0.40	23.2	C	T	0.40	23.2	C	T	0.27	19.8	B	T	0.27	19.8	B	T	0.31	20.4	C	T	0.31	20.4	C
Westbound	L	0.94	113.6	F																																												

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Proposed Project

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS
Signalized Intersections																																																
Eleventh Avenue and West 27th Street																																																
Westbound	LT	0.29	25.0	C	LT	0.28	25.0	C	LT	0.31	26.0	C	LT	0.41	28.1	C	LT	0.51	29.2	C	LT	0.56	30.8	C	LT	0.61	32.0	C	LT	0.66	33.3	C	LT	0.71	34.6	C	LT	0.76	35.9	C	LT	0.81	37.2	C	LT	0.86	38.5	C
Southbound	TR	0.64	17.8	B	TR	0.65	18.0	B	TR	0.53	17.3	B	TR	0.56	17.7	B	TR	0.48	16.8	B	TR	0.49	15.5	B	TR	0.52	15.9	B	TR	0.61	17.0	B	TR	0.64	18.8	B	TR	0.64	18.8	B	TR	0.48	29.3	C	TR	0.47	29.2	C
Intersection																																																
Eleventh Avenue and West 26th Street																																																
Eastbound	T	0.49	29.3	C	T	0.49	29.3	C	T	0.41	28.1	C	T	0.48	28.8	C	T	0.48	28.8	C	T	0.21	24.0	C	T	0.21	24.0	C	T	0.43	28.4	C	T	0.43	28.4	C	T	0.34	26.8	C	T	0.34	26.8	C				
Southbound	LT	0.66	18.2	B	LT	0.67	18.3	B	LT	0.58	18.1	B	LT	0.62	18.6	B	LT	0.54	18.2	B	LT	0.57	16.6	B	LT	0.52	15.9	B	LT	0.69	19.8	B	LT	0.72	20.4	C	LT	0.50	16.9	B	LT	0.54	17.3	B				
Intersection																																																
Eleventh Avenue and West 25th Street																																																
Westbound	L	0.46	29.2	C	L	0.46	29.2	C	L	0.48	30.4	C	L	0.48	30.4	C	L	0.50	29.8	C	L	0.50	29.8	C	L	0.48	29.2	C	L	0.50	30.7	C	L	0.50	30.7	C	L	0.62	34.5	C	L	0.62	34.5	C				
Southbound	LT	0.60	17.1	B	LT	0.61	17.3	B	LT	0.53	17.2	B	LT	0.55	17.5	B	LT	0.47	15.3	B	LT	0.50	15.7	B	LT	0.41	14.6	B	LT	0.58	17.9	B	LT	0.61	18.4	B	LT	0.43	16.0	B	LT	0.47	16.4	B				
Intersection																																																
Eleventh Avenue and West 24th Street																																																
Eastbound	R	0.28	27.4	C	R	0.28	27.4	C	R	0.24	26.8	C	R	0.24	26.8	C	R	0.22	26.6	C	R	0.22	26.6	C	R	0.15	25.8	C	R	0.15	25.8	C	R	0.26	27.0	C	R	0.26	27.0	C	R	0.24	26.8	C	R	0.24	26.8	C
Northbound	L	0.34	27.8	C	L	0.34	27.8	C	L	0.25	26.8	C	L	0.25	26.8	C	L	0.42	28.9	C	L	0.42	28.9	C	L	0.31	27.5	C	L	0.27	26.9	C	L	0.27	26.9	C	L	0.30	27.3	C	L	0.30	27.3	C				
Southbound	LT	0.44	10.3	B	LT	0.44	10.3	B	LT	0.31	8.7	A	LT	0.38	9.5	A	LT	0.38	9.5	A	LT	0.27	8.3	A	LT	0.27	8.3	A	LT	0.47	10.6	B	LT	0.47	10.6	B	LT	0.42	10.0	B	LT	0.42	10.0	B				
TR	1.48	25.7	F	TR	1.51	26.5	F	TR	1.24	14.9	F	TR	1.32	18.1	F	TR	1.12	10.1	F	TR	1.12	10.1	F	TR	1.17	11.8	F	TR	1.23	14.5	F	TR	1.31	17.2	F	TR	1.02	6.9	E	TR	1.11	9.1	F					
R	0.32	27.8	C	R	0.32	28.0	C	R	0.25	26.5	C	R	0.33	29.5	C	R	0.41	30.9	C	R	0.41	31.1	C	R	0.43	29.8	C	R	0.44	30.3	C	R	0.49	33.7	C	R	0.51	35.3	D	R	0.21	25.1	C					
Intersection																																																
Eleventh Avenue and West 23rd Street																																																
Westbound	L	0.34	25.2	C	L	0.34	25.2	C	L	0.30	25.3	C	L	0.30	25.3	C	L	0.40	26.2	C	L	0.40	26.2	C	L	0.34	25.1	C	L	0.30	25.2	C	L	0.30	25.2	C	L	0.30	25.2	C	L	0.46	28.3	C	L	0.46	28.3	C
Northbound	TR	0.52	30.9	C	TR	0.52	30.9	C	TR	0.41	28.1	C	TR	0.41	28.1	C	TR	0.53	30.8	C	TR	0.53	30.8	C	TR	0.42	27.7	C	TR	0.36	27.0	C	TR	0.36	27.0	C	TR	0.39	27.7	C	TR	0.39	27.7	C				
Southbound	LT	0.21	27.1	C	LT	0.21	27.1	C	LT	0.16	28.0	C	LT	0.16	28.0	C	LT	0.25	27.5	C	LT	0.25	27.5	C	LT	0.18	26.7	C	LT	0.22	28.7	C	LT	0.22	28.7	C	LT	0.13	27.6	C	LT	0.13	27.6	C				
TR	0.65	40.9	D	TR	0.66	41.3	D	TR	0.49	37.0	D	TR	0.52	37.6	D	TR	0.52	37.6	D	TR	0.57	38.7	D	TR	0.57	38.7	D	TR	0.49	36.9	D	TR	0.67	41.7	D	TR	0.71	43.4	D	TR	0.57	38.5	D					
L	0.78	23.1	C	L	0.79	23.5	C	L	0.71	22.2	C	L	0.75	23.6	C	L	0.58	17.9	B	L	0.62	18.7	B	L	0.45	36.1	D	L	0.67	41.7	D	L	0.71	43.4	D	L	0.57	38.5	D	L	0.61	39.7	D					
Intersection																																																
Twelfth Avenue and Eleventh Avenue																																																
Westbound	TR	1.53	300.4	F	TR	1.55	308.9	F	TR	1.39	226.3	F	TR	1.46	256.2	F	TR	1.70	382.1	F	TR	1.81	429.1	F	TR	1.41	253.5	F	TR	1.50	289.4	F	TR	1.41	235.2	F	TR	1.48	269.9	F	TR	1.24	161.6	F	TR	1.32	198.0	F
Northbound	T	0.89	29.4	C	T	0.90	30.5	C	T	0.83	26.6	C	T	0.85	27.8	C	T	0.94	33.5	C	T	0.96	36.8	D	T	0.90	29.4	C	T	0.82	30.8	C	T	0.81	25.4	C	T	0.83	26.4	C	T	0.78	24.3	C	T	0.80	25.2	C
Southbound	T	0.75	18.0	B	T	0.75	18.0	B	T	0.62	16.0	B	T	0.62	16.0	B	T	0.66	15.0	B	T	0.66	15.0	B	T	0.50	12.3	B	T	0.52	12.3	B	T	0.54	14.4	B	T	0.54	14.4	B	T	0.58	15.2	B	T	0.58	15.2	B
Intersection																																																
Eleventh Avenue and West 22nd Street																																																
Westbound	R	0.04	11.2	B	R	0.04	11.2	B	R	0.05	13.1	B	R	0.05	13.1	B	R	0.09	11.3	B	R	0.09	11.3	B	R	0.05	10.9	B	R	0.06	13.2	B	R	0.06	13.2	B	R	0.06	13.3	B	R	0.07	13.3	B				
Northbound	T	0.20	41.4	D	T	0.20	41.4	D	T	0.09	26.5	C	T	0.09	26.5	C	T	0.21	42.3	D	T	0.21	42.3	D	T	0.18	41.7	D	T	0.14	27.2	C	T	0.14	27.2	C	T	0.06	26.1	C	T	0.06	26.1	C				
Intersection																																																
Hudson Boulevard East and West 33rd Street																																																
Westbound	TR	0.75	15.0	B	TR	0.75	14.9	B	TR	0.48	9.0	A	TR	0.65	11.9	B	TR	0.59	10.6	B	TR	0.86	20.5	C	TR	0.46	8.6	A	TR	0.71	13.3	B	TR	0.47	8.8	A	TR	0.79	16.4	B	TR	0.42	8.2	A	TR	0.79	16.5	B
Northbound	L	1.03	193.4	F	L	1.03	193.4	F	L	1.22	258.2	F	L	1.22	258.2	F	L	1.70	428.9	F	L	1.70	428.9	F	L	1.75	464.2	F	L	1.75	464.2	F	L	1.83	498.9	F	L	1.83	498.9	F	L	2.25	676.4	F				
T	0.10	28.3	C	T	0.10	28.3	C	T	0.15	29.0	C	T	0.15	29.0	C	T	0.26	30.6	C	T	0.26	30.6	C	T	0.26	30.5	C	T	0.20	29.6	C	T	0.20	29.6	C	T	0.15	29.0	C	T	0.15	29.0	C					
Intersection																																																
Tenth Avenue and West 42nd Street																																																
Eastbound	L	0.78	55.6	E	L	0.80	59.1	E	L	0.63	51.8	D	L	0.57	48.9	D	L	0.29	28.8	C	L	0.30	29.6	C	L	0.51	35.5	D	L	0.54	37.7	D	L	0.57	41.6	D	L	0.62	46.3	D	L	0.50	35.5	D				
T	0.39	26.9	C	T	0.39	26.9	C	T	0.32	25.5	C	T	0.23	24.1	C	T	0.23	24.1	C	T	0.23	24.1	C	T	0.41	27.1	C	T	0.41	27.1	C	T	0.31	25.2	C	T	0.31	25.2	C	T	0.31	25.3	C					
Westbound	T	0.43	27.5	C	T	0.46	28.1	C	T	0.79	40.7	D	T	0.85	45.2	D	T	0.70	35.7	D	T	0.76	39.1	D	T	0.50	29.0	C	T	0.55	30.4	C	T	0.63	32.6	C	T	0.70	35.3	D	T	0.55	30.3	C				
TR	0.99	72.4	E	TR	0.99	72.4	E	TR	0.87	46.1	D	TR	0.87	46.1	D	TR	0.90	52.1	D	TR	0.90	52.1	D	TR	0.82	44.0	D	TR	1.03	79.9	E	TR	1.03	79.9	E	TR	0.87	44.7	D	TR	0.87	44.7	D					
Northbound	L	0.47	37.7	D	L	0.47	37.7	D	L	0.69	47.6	D	L	0.69	47.6	D	L	0.59	42.3	D	L	0.59	42.3	D	L	0.57	41.3	D	L	0.64	44.3	D	L	0.64	44.3	D	L	0.46	37.4	D								
T	0.61	17.6	B	T	0.61	17.7	B	T	0.62	17.7	B	T																																				

Table TA-13

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Proposed Project

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour												
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS					
Signalized Intersections																																																					
Eighth Avenue and West 35th Street																																																					
Westbound	T	0.41	23.0	C	T	0.45	24.0	C	T	0.59	26.0	C	T	0.70	30.0	C	T	0.40	22.8	C	T	0.53	25.5	C	T	0.58	26.9	C	T	0.71	31.7	C	T	0.71	30.0	C	T	0.84	38.6	D	T	0.49	23.2	C	T	0.66	27.9	C					
	R	0.61	40.3	D	R	0.61	40.3	D	R	0.56	38.1	D	R	0.56	38.1	D	R	0.55	36.4	D	R	0.55	36.4	D	R	0.91	70.0	E	R	0.91	70.0	E	R	0.64	41.3	D	R	0.64	41.3	D	R	0.61	39.5	D	R	0.61	39.5	D					
Northbound	LT	0.57	17.2	B	LT	0.59	17.5	B	LT	0.57	18.3	B	LT	0.61	19.0	B	LT	0.66	18.9	B	LT	0.71	20.1	C	LT	0.58	17.2	B	LT	0.62	18.0	B	LT	0.64	19.5	B	LT	0.69	20.8	C	LT	0.51	17.1	B	LT	0.56	18.0	B					
	Intersection	21.2	C	Intersection	21.5	C	Intersection	22.4	C	Intersection	24.1	C	Intersection	21.3	C	Intersection	22.7	C	Intersection	21.3	C	Intersection	22.7	C	Intersection	28.3	C	Intersection	29.5	C	Intersection	24.8	C	Intersection	28.3	C	Intersection	21.5	C	Intersection	21.5	C	Intersection	23.4	C								
Eighth Avenue and West 34th Street																																																					
Eastbound	T	1.19	132.9	F	T	1.20	137.6	F	+	T	1.09	95.2	F	T	1.13	111.7	F	+	T	0.96	58.5	E	T	1.01	72.3	E	+	T	1.03	78.7	E	T	1.09	99.1	F	+	T	0.87	45.1	D	T	0.93	52.9	D	T	1.03	79.1	E	T	1.11	104.0	F	+
Westbound	T	0.63	30.3	C	T	0.66	31.1	C	T	1.08	93.8	F	T	1.14	114.0	F	+	T	1.15	115.7	F	+	T	1.21	142.5	F	+	T	1.19	135.8	F	+	T	1.25	161.6	F	+	T	0.84	41.1	D	T	0.89	47.1	D	T	1.16	123.6	F	+			
	R	0.46	28.7	C	R	0.46	28.7	C	R	0.44	27.9	C	R	0.44	27.9	C	R	0.41	27.2	C	R	0.41	27.2	C	R	0.41	27.2	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C	
Northbound	L	0.49	46.4	D	L	0.49	46.4	D	L	0.58	50.7	D	L	0.58	50.7	D	L	0.67	55.7	E	L	0.67	55.7	E	L	0.47	44.9	D	L	0.47	44.9	D	L	0.57	49.2	D	L	0.57	49.2	D	L	0.65	54.2	D	L	0.65	54.2	D					
	TR	0.62	22.5	C	TR	0.64	23.0	C	TR	0.55	20.9	C	TR	0.59	21.6	C	TR	0.79	27.6	C	TR	0.79	27.6	C	TR	0.70	24.3	C	TR	0.75	25.8	C	TR	0.65	22.7	C	TR	0.65	22.7	C	TR	0.70	24.0	C	TR	0.68	24.1	C	TR	0.74	25.9	C	
	Intersection	62.6	E	Intersection	63.9	E	Intersection	64.4	E	Intersection	74.6	E	Intersection	60.4	E	Intersection	71.8	E	Intersection	68.9	E	Intersection	68.9	E	Intersection	67.9	E	Intersection	80.1	F	Intersection	33.9	C	Intersection	37.6	D	Intersection	37.6	D	Intersection	68.4	E	Intersection	84.7	F								
Eighth Avenue and West 33rd Street																																																					
Westbound	TR	0.06	17.5	B	TR	0.06	17.5	B	TR	0.03	17.8	B	TR	0.13	18.1	B	TR	0.13	18.1	B	TR	0.13	18.1	B	TR	0.08	17.7	B	TR	0.08	17.7	B	TR	0.02	17.6	B	TR	0.02	17.6	B	TR	0.03	17.8	B	TR	0.03	17.8	B					
Northbound	L	0.90	73.8	E	L	1.17	147.7	F	+	L	1.02	102.4	F	+	L	1.12	131.1	F	+	L	1.12	131.1	F	+	L	1.09	121.1	F	+	L	1.10	125.0	F	+	L	1.36	225.2	F	+	L	0.93	80.3	F	+									
	TR	0.44	19.3	B	TR	0.46	19.5	B	TR	0.49	21.1	C	TR	0.52	21.6	C	TR	0.47	19.7	B	TR	0.51	20.1	C	TR	0.48	19.8	B	TR	0.52	20.3	C	TR	0.52	21.6	C	TR	0.56	22.3	C	TR	0.46	20.7	C	TR	0.50	21.4	C					
	Intersection	31.3	C	Intersection	53.2	D	Intersection	39.4	D	Intersection	56.6	E	Intersection	45.8	D	Intersection	68.9	E	Intersection	45.8	D	Intersection	68.9	E	Intersection	43.5	D	Intersection	64.5	E	Intersection	44.2	D	Intersection	71.8	E	Intersection	71.8	E	Intersection	33.4	C	Intersection	33.4	C								
Eighth Avenue and West 31st Street																																																					
Westbound	T	0.36	18.3	B	T	0.36	18.3	B	T	0.37	18.4	B	T	0.37	18.4	B	T	0.44	19.4	B	T	0.44	19.4	B	T	0.38	18.5	B	T	0.38	18.5	B	T	0.42	19.1	B	T	0.42	19.1	B	T	0.29	17.1	B	T	0.29	17.1	B					
	R	0.46	28.8	C	R	0.46	28.8	C	R	0.73	38.6	D	R	0.73	38.6	D	R	0.73	39.5	D	R	0.73	39.5	D	R	0.72	37.4	D	R	0.72	37.4	D	R	0.60	31.2	C	R	0.60	31.2	C	R	0.60	31.2	C	R	0.60	31.2	C					
Northbound	L	0.87	68.0	E	L	0.87	68.0	E	L	0.71	50.1	D	L	0.71	50.1	D	L	0.81	58.3	E	L	0.81	58.3	E	L	0.74	51.9	D	L	0.74	51.9	D	L	0.93	76.8	E	L	0.93	76.8	E	L	0.94	78.2	E	L	0.94	78.2	E					
	TR	0.45	18.2	B	TR	0.47	18.4	B	TR	0.46	18.3	B	TR	0.51	19.1	B	TR	0.52	19.2	B	TR	0.52	19.2	B	TR	0.51	19.0	B	TR	0.57	20.0	B	TR	0.53	19.3	B	TR	0.60	20.4	C	TR	0.44	18.0	B	TR	0.52	19.2	B					
	Intersection	26.7	C	Intersection	26.6	C	Intersection	25.6	C	Intersection	25.6	C	Intersection	26.8	C	Intersection	26.9	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	25.6	C	Intersection	25.6	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	28.8	C								
Eighth Avenue and West 30th Street																																																					
Eastbound	L	0.72	39.0	D	L	0.79	44.5	D	L	0.71	38.0	D	L	0.86	51.5	D	L	0.97	70.6	E	L	1.17	131.3	F	+	L	0.65	34.0	C	L	0.82	44.8	D	L	0.80	43.7	D	L	1.00	76.4	E	+	L	0.74	39.4	D	L	0.97	69.1	E	+		
	T	1.10	93.5	F	T	1.16	116.5	F	+	T	0.64	24.7	C	T	0.82	34.2	C	T	1.02	67.0	E	T	1.24	145.7	F	+	T	0.52	21.2	C	T	0.73	28.1	C	T	0.90	41.9	D	T	1.13	102.6	F	+	T	0.58	22.8	C	T	0.83	34.9	C		
Northbound	TR	0.44	17.9	B	TR	0.45	18.0	B	TR	0.36	14.7	B	TR	0.38	17.3	B	TR	0.50	18.7	B	TR	0.52	19.0	B	TR	0.51	18.9	B	TR	0.53	19.2	B	TR	0.49	18.5	B	TR	0.51	18.8	B	TR	0.42	17.8	B	TR	0.45	18.1	B					
	Intersection	47.1	D	Intersection	56.7	E	Intersection	22.8	C	Intersection	28.8	C	Intersection	42.0	D	Intersection	58.4	F	Intersection	42.0	D	Intersection	58.4	F	Intersection	51.7	B	Intersection	53.3	C	Intersection	29.2	C	Intersection	53.3	E	Intersection	53.3	E	Intersection	22.8	C	Intersection	22.8	C								
Eighth Avenue and West 29th Street																																																					
Westbound	TR	1.07	88.0	F	TR	1.16	118.7	F	+	TR	1.02	71.2	E	TR	1.21	137.7	F	+	TR	1.38	210.1	F	+	TR	1.59	303.3	F	+	TR	1.20	133.2	F	+	TR	1.40	216.4	F	+	TR	1.06	81.6	F	+	TR	1.27	163.7	F	+					
Northbound	L	1.07	102.4	F	L	1.12	117.5	F	+	L	1.02	71.2	E	L	1.21	137.7	F	+	L	1.38	210.1	F	+	L	1.59	303.3	F	+	L	1.20	133.2	F	+	L	1.40	216.4	F	+	L	1.06	81.6	F	+	L	1.27	163.7	F	+					
	T	0.28	13.9	B	T	0.29	14.0	B	T	0.27	13.8	B	T	0.28	13.9	B	T	0.32	14.2	B	T	0.34	14.4	B	T	0.32	14.3	B	T	0.34	14.5	B	T	0.40	15.1	B	T	0.43	15.3	B	T	0.30	14.1	B	T	0.33	14.4	B					
	Intersection	56.8	E	Intersection	71.7	E	Intersection	38.7	D	Intersection	66.7	E	Intersection	101.4	F	Intersection	146.6	F	Intersection	101.4	F	Intersection	146.6	F	Intersection	162.1	E	Intersection	98.8	B	Intersection	48.4	D	Intersection	78.2	E	Intersection	35.9	D	Intersection	35.9	D											
Eighth Avenue and West 28th Street																																																					
Eastbound	L	0.32	26.8	C	L	0.32	26.8	C	L	0.22	25.6	C	L	0.22	25.6	C	L	0.34	26.8	C	L	0.34	26.8	C	L	0.15	23.8	C	L	0.15	23.8	C	L	0.17	24.9	C	L	0.17	24.9	C	L	0.15	24.5	C	L	0.15	24.5	C					
	TR	0.66	29.7	C	TR	0.71	32.0	C	TR	0.36	20.7	C	TR	0.46	22.5	C	TR	0.44	23.5	C	TR	0.55	26.0	C	TR	0.39	22.5	C	TR	0.49	24.6	C	TR	0.52																			

Table TA-T4

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Alternative Scenario

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS				
Signalized Intersections																																																
Twelfth Avenue and West 54th Street																																																
Northbound	TR	0.81	18.1	B	TR	0.82	18.3	B	TR	0.95	28.8	C	TR	0.96	30.3	C	TR	0.90	22.7	C	TR	0.92	23.8	C	TR	0.87	20.8	C	TR	0.88	21.3	C	TR	1.05	56.5	E	TR	1.05	57.0	E	TR	0.88	24.4	C	TR	0.89	25.0	C
Southbound	L	0.58	57.9	E	L	0.58	57.9	E	L	0.30	34.6	C	L	0.30	34.6	C	L	0.37	51.2	D	L	0.37	51.2	D	L	0.31	49.8	D	L	0.31	49.8	D	L	0.33	33.2	C	L	0.33	33.2	C	L	0.38	34.0	C	L	0.38	34.0	C
	T	0.76	15.9	B	T	0.76	16.1	B	T	0.58	14.2	B	T	0.58	14.3	B	T	0.68	14.0	B	T	0.68	14.2	B	T	0.46	10.6	B	T	0.46	10.7	B	T	0.75	19.2	B	T	0.75	19.2	B	T	0.87	24.1	C	T	0.88	24.7	C
	Intersection	18.1	B	Intersection	18.3	B	Intersection	22.7	C	Intersection	22.7	C	Intersection	19.0	B	Intersection	19.7	B	Intersection	17.3	B	Intersection	17.3	B	Intersection	38.5	D	Intersection	38.8	D	Intersection	24.5	C	Intersection	24.5	C	Intersection	25.1	C	Intersection	25.1	C						
Twelfth Avenue and West 42nd Street																																																
Eastbound	LTR	0.03	46.1	D	LTR	0.03	46.1	D	LTR	0.04	32.1	C	LTR	0.04	32.1	C	LTR	0.08	47.2	D	LTR	0.08	47.2	D	LTR	0.06	46.8	D	LTR	0.06	46.8	D	LTR	0.06	32.5	C	LTR	0.06	32.5	C	LTR	0.03	32.0	C	LTR	0.03	32.0	C
Westbound	L	0.26	50.1	D	L	0.26	50.1	D	L	0.13	33.2	C	L	0.13	33.2	C	L	0.31	51.2	D	L	0.31	51.2	D	L	0.23	49.2	D	L	0.23	49.2	D	L	0.23	34.7	C	L	0.23	34.7	C	L	0.21	34.2	C				
	R	0.49	30.9	C	R	0.49	30.9	C	R	0.70	27.0	C	R	0.70	27.0	C	R	0.52	40.6	D	R	0.52	40.6	D	R	0.54	41.1	D	R	0.54	41.1	D	R	0.57	22.5	C	R	0.57	22.5	C	R	0.42	18.9	B				
Northbound	TR	1.27	167.6	F	TR	1.28	169.5	F	TR	1.39	214.5	F	TR	1.39	214.5	F	TR	1.20	127.4	F	TR	1.22	134.6	F	TR	1.11	88.1	F	TR	1.12	92.2	F	TR	1.23	144.6	F	TR	1.23	145.1	F	TR	1.17	120.5	F	TR	1.19	126.7	F
Southbound	L	0.69	60.7	E	L	0.69	60.7	E	L	0.75	51.6	D	L	0.75	51.6	D	L	1.18	169.3	F	L	1.18	169.3	F	L	0.80	80.2	F	L	0.80	80.2	F	L	0.82	56.2	E	L	0.82	56.2	E	L	0.68	48.8	D				
	T	1.08	75.5	E	T	1.10	80.4	F	T	0.89	34.9	C	T	0.90	35.8	D	T	1.08	71.7	E	T	1.08	71.7	E	T	0.69	20.4	C	T	0.69	20.5	C	T	1.02	56.8	E	T	1.02	57.8	E	T	1.03	59.5	E	T	1.05	65.8	E
	Intersection	115.1	F	Intersection	118.0	F	Intersection	125.3	F	Intersection	127.3	F	Intersection	101.8	F	Intersection	107.9	F	Intersection	63.7	E	Intersection	66.2	E	Intersection	97.3	F	Intersection	97.9	F	Intersection	97.9	F	Intersection	97.9	F	Intersection	97.9	F	Intersection	85.7	F	Intersection	91.1	F			
Twelfth Avenue and West 41st Street																																																
Eastbound	LR	0.06	39.0	D	LR	0.06	39.0	D	LR	0.02	24.9	C	LR	0.02	24.9	C	LR	0.03	46.9	D	LR	0.03	46.9	D	LR	0.05	47.1	D	LR	0.05	47.1	D	LR	0.05	25.4	C	LR	0.05	25.4	C	LR	0.02	24.9	C	LR	0.02	24.9	C
Westbound	L	0.19	41.4	D	L	0.19	41.4	D	L	0.14	26.7	C	L	0.14	26.7	C	L	0.08	47.7	D	L	0.08	47.7	D	L	0.17	49.3	D	L	0.17	49.3	D	L	0.17	27.1	C	L	0.17	27.1	C	L	0.13	26.5	C	L	0.13	26.5	C
	R	0.93	84.8	F	R	0.93	84.8	F	R	1.10	110.5	F	R	1.10	110.5	F	R	0.68	68.6	E	R	0.68	68.6	E	R	0.95	103.9	F	R	0.95	103.9	F	R	0.79	47.0	D	R	0.79	47.0	D	R	0.99	76.8	E	R	0.99	76.8	E
Northbound	T	0.80	23.0	C	T	0.80	23.2	C	T	0.79	24.7	C	T	0.80	25.0	C	T	0.86	19.7	B	T	0.86	19.7	B	T	0.78	16.4	B	T	0.78	16.7	B	T	0.87	28.1	C	T	0.87	28.2	C	T	0.80	24.9	C	T	0.81	25.3	C
Southbound	T	1.05	60.7	E	T	1.06	65.0	E	T	0.80	25.6	C	T	0.80	26.0	C	T	0.95	28.8	C	T	0.97	31.3	C	T	0.82	12.9	B	T	0.82	12.9	B	T	0.93	34.1	C	T	0.94	34.8	C	T	0.93	34.1	C	T	0.95	36.1	C
	Intersection	44.6	D	Intersection	46.8	D	Intersection	34.2	C	Intersection	34.4	C	Intersection	25.2	C	Intersection	26.7	C	Intersection	19.5	B	Intersection	19.7	B	Intersection	32.0	C	Intersection	32.2	C	Intersection	32.0	C	Intersection	32.2	C	Intersection	32.2	C	Intersection	33.5	C	Intersection	33.5	C			
Twelfth Avenue and West 30th Street																																																
Eastbound	LTR	0.04	62.3	E	LTR	0.04	62.3	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	61.7	E	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D	LTR	0.00	46.8	D
Northbound	TR	0.86	22.4	C	TR	0.94	29.2	C	TR	0.80	20.8	C	TR	0.86	23.3	C	TR	1.00	39.7	D	TR	1.00	39.7	D	TR	0.95	29.4	C	TR	0.95	29.4	C	TR	0.83	21.8	C	TR	0.84	22.2	C	TR	0.84	22.2	C	TR	0.72	18.2	B
Southbound	L	1.37	260.5	F	L	1.62	367.1	F	L	0.96	104.2	F	L	1.12	151.2	F	L	1.26	218.3	F	L	1.34	249.5	F	L	1.03	138.3	F	L	1.03	138.3	F	L	1.22	186.5	F	L	1.26	201.1	F	L	1.15	158.7	F				
	TR	0.82	21.2	C	TR	0.82	21.2	C	TR	0.63	16.7	B	TR	0.63	16.7	B	TR	0.84	22.2	C	TR	0.84	22.2	C	TR	0.56	14.0	B	TR	0.56	14.0	B	TR	0.79	20.8	C	TR	0.79	20.8	C	TR	0.72	18.6	B				
	Intersection	32.7	C	Intersection	43.2	D	Intersection	23.1	C	Intersection	27.5	C	Intersection	39.5	D	Intersection	51.4	D	Intersection	25.9	C	Intersection	28.5	C	Intersection	29.6	C	Intersection	30.7	C	Intersection	29.6	C	Intersection	29.6	C	Intersection	29.6	C	Intersection	29.6	C						
Twelfth Avenue and West 29th Street																																																
Eastbound	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	50.4	D	LR	0.00	39.2	D	LR	0.00	39.2	D	LR	0.00	39.2	D				
Westbound	L	0.20	54.0	D	L	0.20	54.0	D	L	0.18	42.0	D	L	0.18	42.0	D	L	0.14	52.9	D	L	0.14	52.9	D	L	0.14	53.0	D	L	0.14	53.0	D	L	0.11	41.1	D	L	0.11	41.1	D	L	0.11	40.7	D				
	R	2.7	840.3	F	R	3.51	1202.0	F	R	1.68	370.4	F	R	2.14	574.3	F	R	2.38	693.2	F	R	2.89	923.0	F	R	1.94	565.5	F	R	1.94	565.5	F	R	1.94	485.5	F	R	1.94	485.5	F	R	1.59	329.4	F				
Northbound	T	0.65	13.8	B	T	0.66	14.1	B	T	0.63	14.9	B	T	0.64	15.1	B	T	0.80	17.7	B	T	0.82	18.3	B	T	0.78	16.8	B	T	0.78	16.8	B	T	0.66	15.3	B	T	0.66	15.3	B	T	0.59	14.0	B				
Southbound	TR	0.80	18.4	B	TR	0.80	18.4	B	TR	0.61	14.7	B	TR	0.61	14.7	B	TR	0.83	19.2	B	TR	0.83	19.2	B	TR	0.55	12.1	B	TR	0.55	12.1	B	TR	0.77	18.3	B	TR	0.77	18.3	B	TR	0.71	16.8	B				
	Intersection	111.5	F	Intersection	187.0	F	Intersection	53.0	D	Intersection	88.5	F	Intersection	84.1	F	Intersection	122.5	F	Intersection	40.8	D	Intersection	40.8	D	Intersection	67.1	E	Intersection	67.1	E	Intersection	67.1	E	Intersection	67.1	E	Intersection	67.1	E	Intersection	35.0	C	Intersection	46.7	D			
Eleventh Avenue and West 42nd Street																																																
Eastbound	T	0.31	20.4	C	T	0.29	20.2	C	T	0.26	19.7	B	T	0.25	20.9	C	T	0.24	20.8	C	T	0.40	23.2	C	T	0.40	23.2	C	T	0.27	19.8	B	T	0.27	19.8	B	T	0.31	20.4	C	T	0.31	20.4	C				
Westbound	R	2.98	930.9	F	R	2.98	930.9	F	R	2.66	789.9	F	R	2.66	789.9	F	R	2.31	631.9	F	R	2.31	631.9	F	R	1.73	375.9	F	R	1.73	375.9	F	R	1.93	461.8	F	R	1.93										

Table TA-T4

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Alternative Scenario

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS				
Signalized Intersections																																																
Eleventh Avenue and West 27th Street																																																
Westbound	LT	0.29	25.0	C	LT	0.28	25.0	C	LT	0.31	26.0	C	LT	0.51	29.4	C	LT	0.51	29.2	C	LT	0.56	30.8	C	LT	0.55	30.6	C	LT	0.36	27.0	C	LT	0.36	26.9	C	LT	0.48	29.3	C	LT	0.47	29.2	C				
Southbound	TR	0.64	17.8	B	TR	0.65	18.0	B	TR	0.53	17.3	B	TR	0.50	15.3	B	TR	0.49	15.7	B	TR	0.49	15.8	B	TR	0.51	15.8	B	TR	0.61	18.4	B	TR	0.61	18.4	B	TR	0.44	16.1	B	TR	0.46	16.3	B				
	Intersection	18.4	B		Intersection	18.5	B		Intersection	18.1	B		Intersection	17.5	B		Intersection	17.6	B		Intersection	18.1	B		Intersection	18.2	B		Intersection	19.1	B		Intersection	19.1	B		Intersection	18.2	B		Intersection	18.2	B					
Eleventh Avenue and West 26th Street																																																
Eastbound	T	0.49	29.3	C	T	0.49	29.3	C	T	0.41	28.1	C	T	0.48	28.8	C	T	0.48	28.8	C	T	0.21	24.0	C	T	0.21	24.0	C	T	0.43	28.4	C	T	0.43	28.4	C	T	0.41	29.1	C	T	0.34	26.8	C				
Southbound	LT	0.66	18.2	B	LT	0.67	18.3	B	LT	0.58	18.1	B	LT	0.54	16.2	B	LT	0.56	16.5	B	LT	0.49	15.6	B	LT	0.51	15.8	B	LT	0.69	19.8	B	LT	0.69	19.8	B	LT	0.50	16.9	B	LT	0.52	17.1	B				
	Intersection	19.7	B		Intersection	19.9	B		Intersection	19.3	B		Intersection	18.4	B		Intersection	18.6	B		Intersection	16.6	B		Intersection	16.8	B		Intersection	21.1	C		Intersection	21.2	C		Intersection	18.8	B		Intersection	18.9	B					
Eleventh Avenue and West 25th Street																																																
Westbound	L	0.46	29.2	C	L	0.46	29.2	C	L	0.48	30.4	C	L	0.50	29.8	C	L	0.50	29.8	C	L	0.48	29.2	C	L	0.48	29.2	C	L	0.50	30.7	C	L	0.50	30.7	C	L	0.62	34.5	C	L	0.62	34.5	C				
Southbound	TR	0.60	17.1	B	TR	0.61	17.3	B	TR	0.53	17.2	B	TR	0.54	17.4	B	TR	0.50	15.6	B	TR	0.41	14.6	B	TR	0.43	14.8	B	TR	0.58	17.9	B	TR	0.58	18.0	B	TR	0.43	16.0	B	TR	0.45	16.2	B				
	Intersection	18.3	B		Intersection	18.4	B		Intersection	18.6	B		Intersection	17.1	B		Intersection	17.3	B		Intersection	16.6	B		Intersection	16.7	B		Intersection	19.2	B		Intersection	19.3	B		Intersection	19.0	B		Intersection	19.1	B					
Eleventh Avenue and West 24th Street																																																
Eastbound	R	0.28	27.4	C	R	0.28	27.4	C	R	0.24	26.8	C	R	0.22	26.6	C	R	0.22	26.6	C	R	0.15	25.8	C	R	0.15	25.8	C	R	0.26	27.0	C	R	0.26	27.0	C	R	0.24	26.8	C	R	0.24	26.8	C				
Northbound	L	0.34	27.8	C	L	0.34	27.8	C	L	0.25	26.8	C	L	0.42	28.9	C	L	0.42	28.9	C	L	0.31	27.5	C	L	0.31	27.5	C	L	0.27	26.9	C	L	0.27	26.9	C	L	0.30	27.3	C	L	0.30	27.3	C				
Southbound	TR	1.48	257.7	F	TR	1.51	268.6	F	TR	1.24	149.5	F	TR	1.32	101.0	F	TR	1.20	132.6	F	TR	1.01	109.5	F	TR	1.14	109.5	F	TR	1.23	143.5	F	TR	1.02	64.9	E	TR	1.07	80.3	F	TR	1.07	80.3	F				
	Intersection	157.6	F		Intersection	166.3	F		Intersection	99.6	F		Intersection	111.1	F		Intersection	63.2	E		Intersection	81.8	F		Intersection	59.0	E		Intersection	87.2	F		Intersection	88.4	D		Intersection	25.0	C		Intersection	25.0	C					
Eleventh Avenue and West 23rd Street																																																
Westbound	L	0.34	25.2	C	L	0.34	25.2	C	L	0.30	25.3	C	L	0.40	26.2	C	L	0.40	26.2	C	L	0.34	25.1	C	L	0.34	25.1	C	L	0.30	25.2	C	L	0.30	25.2	C	L	0.46	28.3	C	L	0.46	28.3	C				
Northbound	TR	0.52	27.1	C	TR	0.52	27.1	C	TR	0.41	28.1	C	TR	0.53	30.8	C	TR	0.53	30.8	C	TR	0.42	27.7	C	TR	0.42	27.7	C	TR	0.36	27.0	C	TR	0.36	27.0	C	TR	0.39	27.7	C	TR	0.39	27.7	C				
Southbound	L	0.65	40.9	D	L	0.65	41.1	D	L	0.49	37.0	D	L	0.52	37.6	D	L	0.52	37.6	D	L	0.45	36.1	D	L	0.45	36.1	D	L	0.68	42.0	D	L	0.68	42.0	D	L	0.57	38.5	D	L	0.60	39.3	D				
	Intersection	27.1	C		Intersection	27.5	C		Intersection	25.4	C		Intersection	25.8	C		Intersection	24.5	C		Intersection	22.9	C		Intersection	23.3	C		Intersection	26.3	C		Intersection	26.4	C		Intersection	24.9	C		Intersection	25.3	C					
Twelfth Avenue and Eleventh Avenue																																																
Westbound	TR	1.53	300.4	F	TR	1.56	313.1	F	TR	1.39	226.3	F	TR	1.43	244.0	F	TR	1.80	422.4	F	TR	1.41	253.5	F	TR	1.47	278.0	F	TR	1.41	235.2	F	TR	1.41	236.8	F	TR	1.24	161.6	F	TR	1.28	178.4	F				
Northbound	T	0.89	29.4	C	T	0.91	30.9	C	T	0.83	26.6	C	T	0.85	27.4	C	T	0.97	37.4	D	T	0.90	29.4	C	T	0.91	29.9	C	T	0.81	25.4	C	T	0.81	25.6	C	T	0.78	24.3	C	T	0.80	25.0	C				
Southbound	T	0.75	18.0	B	T	0.75	18.0	B	T	0.62	16.0	B	T	0.66	15.0	B	T	0.66	15.0	B	T	0.50	12.3	B	T	0.50	12.3	B	T	0.54	14.4	B	T	0.54	14.4	B	T	0.58	15.2	B	T	0.58	15.2	B				
	Intersection	85.9	F		Intersection	89.9	F		Intersection	71.2	E		Intersection	76.6	E		Intersection	96.9	F		Intersection	68.8	E		Intersection	75.3	E		Intersection	76.3	E		Intersection	76.7	E		Intersection	53.0	D		Intersection	57.7	E					
Eleventh Avenue and West 22nd Street																																																
Westbound	R	0.04	11.2	B	R	0.04	11.2	B	R	0.05	13.1	B	R	0.09	11.3	B	R	0.09	11.3	B	R	0.05	10.9	B	R	0.05	10.9	B	R	0.06	13.2	B	R	0.06	13.2	B	R	0.07	13.3	B	R	0.07	13.3	B				
Northbound	T	0.20	41.4	D	T	0.20	41.4	D	T	0.09	26.5	C	T	0.21	42.3	D	T	0.21	42.3	D	T	0.18	41.7	D	T	0.18	41.7	D	T	0.14	27.2	C	T	0.14	27.2	C	T	0.06	26.1	C	T	0.06	26.1	C				
	Intersection	33.7	C		Intersection	33.7	C		Intersection	20.9	C		Intersection	30.3	C		Intersection	30.3	C		Intersection	32.7	C		Intersection	32.7	C		Intersection	22.7	C		Intersection	22.7	C		Intersection	18.9	B		Intersection	18.9	B					
Hudson Boulevard East and West 33rd Street																																																
Westbound	TR	0.75	15.0	B	TR	0.72	14.1	B	TR	0.48	9.0	A	TR	0.44	8.4	A	TR	0.59	10.6	B	TR	0.79	16.4	B	TR	0.46	8.6	A	TR	0.47	8.8	A	TR	0.47	8.8	A	TR	0.46	8.6	A	TR	0.42	8.2	A	TR	0.62	11.2	B
Northbound	L	1.03	193.4	F	L	1.03	193.4	F	L	1.22	258.2	F	L	1.22	258.2	F	L	1.70	428.9	F	L	1.75	464.2	F	L	1.75	464.2	F	L	1.83	498.9	F	L	1.83	498.9	F	L	2.25	676.4	F	L	2.25	676.4	F				
Southbound	T	0.10	28.3	C	T	0.10	28.3	C	T	0.15	29.0	C	T	0.26	30.6	C	T	0.26	30.6	C	T	0.26	30.5	C	T	0.26	30.5	C	T	0.20	29.6	C	T	0.20	29.6	C	T	0.15	29.0	C	T	0.15	29.0	C				
	Intersection	23.3	C		Intersection	22.7	C		Intersection	29.3	C		Intersection	30.8	C		Intersection	51.8	D		Intersection	47.4	D		Intersection	55.3	E		Intersection	60.0	E		Intersection	60.7	E		Intersection	99.6	F		Intersection	77.5	E					
Tenth Avenue and West 42nd Street																																																
Eastbound	L	0.78	55.6	E	L	0.73	50.6	D	L	0.63	51.8	D	L	0.29	28.8	C	L	0.28	28.7	C	L	0.51	35.5	D	L	0.50	35.2	D	L	0.57	41.6	D	L	0.57	41.6	D	L	0.51	35.5	D	L	0.52	36.5	D				
Westbound	T	0.39	26.9	C	T	0.39	26.9	C	T	0.32	25.5	C	T	0.23	24.1	C	T	0.23	24.1	C	T	0.41	27.1	C	T	0.41	27.1	C	T	0.31	25.2	C	T	0.31	25.2	C	T	0.31	25.3	C	T	0.31	25.3	C				
Northbound	TR	0.43	27.5	C	TR	0.44	27.7	C	TR	0.81	41.6	D	TR	0.70	35.7	D	TR	0.73	37.1	D	TR	0.50	29.0	C	TR	0.51	29.4	C	TR	0.63	32.6	C	TR	0.65	33.2	C	TR	0.55	30.3	C	TR	0.57	30.9	C				
Southbound	L	0.99	72.4	E	L	0.99	72.4	E	L	0.87	46.1	D	L	0.87	46.1	D	L	0.90	52.1	D	L	0.82																										

Table TA-T4

2031 No Action and With Action Conditions Traffic Level of Service Analysis - Alternative Scenario

Intersection	Weekday AM Peak Hour								Weekday Midday Peak Hour								Weekday PM Peak Hour								Weekday Evening Peak Hour								Saturday Midday/Afternoon Peak Hour								Saturday Evening Peak Hour							
	No Action				With Action				No Action				With Action				No Action				With Action				No Action				With Action				No 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	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS	Lane Group	v/c Ratio	Delay (sec)	LOS								
Signalized Intersections																																																
Eighth Avenue and West 35th Street																																																
Westbound	T	0.41	23.0	C	T	0.44	23.7	C	T	0.59	26.0	C	T	0.62	26.7	C	T	0.40	22.8	C	T	0.51	25.0	C	T	0.58	26.9	C	T	0.61	27.8	C	T	0.71	30.0	C	T	0.72	30.6	C	T	0.49	23.2	C	T	0.59	25.8	C
Northbound	R	0.61	40.3	D	R	0.61	40.3	D	R	0.56	38.1	D	R	0.56	38.1	D	R	0.55	36.4	D	R	0.55	36.4	D	R	0.91	70.0	E	R	0.91	70.0	E	R	0.64	41.3	D	R	0.64	41.3	D	R	0.61	39.5	D	R	0.61	39.5	D
Intersection	LT	0.57	17.2	B	LT	0.58	17.3	B	LT	0.57	18.3	B	LT	0.58	18.4	B	LT	0.66	18.9	B	LT	0.69	19.6	B	LT	0.58	17.2	B	LT	0.60	17.5	B	LT	0.64	19.5	B	LT	0.65	19.7	B	LT	0.51	17.1	B	LT	0.53	17.5	B
Intersection	22.1	C	Intersection	21.4	C	Intersection	22.4	C	Intersection	22.7	C	Intersection	21.3	C	Intersection	22.3	C	Intersection	21.3	C	Intersection	28.3	C	Intersection	28.5	C	Intersection	24.8	C	Intersection	25.1	C	Intersection	25.1	C	Intersection	24.8	C	Intersection	25.1	C	Intersection	22.5	C	Intersection	22.5	C	
Eighth Avenue and West 34th Street																																																
Westbound	T	1.19	132.9	F	T	1.19	134.5	F	T	1.09	95.2	F	T	1.10	98.5	F	T	0.96	58.5	E	T	1.00	67.5	E	T	1.03	78.7	E	T	1.05	86.3	F	T	0.87	45.1	D	T	0.88	45.7	D	T	1.03	79.1	E	T	1.06	87.9	F
Westbound	T	0.63	30.3	C	T	0.65	31.0	C	T	1.08	93.8	F	T	1.10	98.5	F	T	1.15	115.7	F	T	1.20	138.7	F	T	1.20	138.7	F	T	1.20	138.7	F	T	0.84	41.1	D	T	0.84	41.6	D	T	0.84	41.6	D	T	1.16	123.6	F
Northbound	R	0.46	28.7	C	R	0.46	28.7	C	R	0.44	27.9	C	R	0.44	27.9	C	R	0.41	27.2	C	R	0.41	27.2	C	R	0.41	27.2	C	R	0.41	27.2	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C	R	0.36	25.5	C
Northbound	L	0.49	46.4	D	L	0.49	46.4	D	L	0.58	50.7	D	L	0.58	50.7	D	L	0.67	55.7	E	L	0.67	55.7	E	L	0.47	44.9	D	L	0.47	44.9	D	L	0.57	49.2	D	L	0.57	49.2	D	L	0.65	54.2	D	L	0.65	54.2	D
Intersection	TR	0.62	22.5	C	TR	0.63	22.7	C	TR	0.55	20.9	C	TR	0.56	21.0	C	TR	0.74	25.6	C	TR	0.77	26.7	C	TR	0.70	24.3	C	TR	0.72	24.8	C	TR	0.65	22.9	C	TR	0.66	22.9	C	TR	0.68	24.1	C	TR	0.70	24.8	C
Intersection	62.6	E	Intersection	63.0	E	Intersection	64.4	E	Intersection	66.7	E	Intersection	60.4	E	Intersection	69.6	E	Intersection	67.9	E	Intersection	71.3	E	Intersection	67.9	E	Intersection	33.9	C	Intersection	34.2	C	Intersection	34.2	C	Intersection	34.2	C	Intersection	34.2	C	Intersection	68.4	E	Intersection	76.8	E	
Eighth Avenue and West 33rd Street																																																
Westbound	TR	0.06	17.5	B	TR	0.06	17.5	B	TR	0.03	17.8	B	TR	0.03	17.8	B	TR	0.13	18.1	B	TR	0.13	18.1	B	TR	0.08	17.7	B	TR	0.08	17.7	B	TR	0.02	17.6	B	TR	0.02	17.6	B	TR	0.03	17.8	B	TR	0.03	17.8	B
Northbound	L	0.90	73.8	E	L	0.91	75.2	E	L	1.02	102.4	F	L	1.04	108.5	F	L	1.12	131.1	F	L	1.25	178.9	F	L	1.09	121.1	F	L	1.14	137.0	F	L	1.10	125.0	F	L	1.13	136.6	F	L	1.10	126.4	F				
Intersection	TR	0.44	19.3	B	TR	0.45	19.4	B	TR	0.49	21.1	C	TR	0.49	21.2	C	TR	0.47	19.7	B	TR	0.49	19.9	B	TR	0.48	19.8	B	TR	0.48	19.8	B	TR	0.52	21.6	C	TR	0.53	21.7	C	TR	0.46	20.7	C	TR	0.48	21.0	C
Intersection	31.3	C	Intersection	31.7	C	Intersection	39.4	D	Intersection	39.4	D	Intersection	41.0	D	Intersection	45.8	D	Intersection	47.7	D	Intersection	43.5	D	Intersection	47.7	D	Intersection	43.5	D	Intersection	47.7	D	Intersection	44.2	D	Intersection	44.2	D	Intersection	33.4	C	Intersection	33.4	C				
Eighth Avenue and West 31st Street																																																
Westbound	T	0.36	18.3	B	T	0.36	18.3	B	T	0.37	18.4	B	T	0.37	18.4	B	T	0.44	19.4	B	T	0.44	19.4	B	T	0.38	18.5	B	T	0.38	18.5	B	T	0.42	19.1	B	T	0.42	19.1	B	T	0.29	17.1	B	T	0.29	17.1	B
Northbound	R	0.46	28.8	C	R	0.46	28.8	C	R	0.73	38.6	D	R	0.73	38.6	D	R	0.73	38.6	D	R	0.73	38.6	D	R	0.72	37.4	D	R	0.72	37.4	D	R	0.60	31.2	C	R	0.60	31.2	C	R	0.60	31.2	C	R	0.60	31.2	C
Northbound	L	0.87	68.0	E	L	0.87	68.0	E	L	0.71	50.1	D	L	0.71	50.1	D	L	0.81	58.3	E	L	0.81	58.3	E	L	0.74	51.9	D	L	0.74	51.9	D	L	0.93	76.8	E	L	0.93	76.8	E	L	0.94	78.2	E	L	0.94	78.2	E
Intersection	TR	0.45	18.2	B	TR	0.45	18.3	B	TR	0.46	18.3	B	TR	0.46	18.4	B	TR	0.52	19.2	B	TR	0.56	19.8	B	TR	0.51	19.0	B	TR	0.53	19.3	B	TR	0.54	19.5	B	TR	0.44	18.0	B	TR	0.44	18.0	B				
Intersection	26.7	C	Intersection	26.7	C	Intersection	25.6	C	Intersection	25.6	C	Intersection	26.8	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	25.5	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	28.8	C	Intersection	30.7	C	Intersection	30.5	C	
Eighth Avenue and West 30th Street																																																
Eastbound	L	0.72	39.0	D	L	0.74	40.7	D	L	0.71	38.0	D	L	0.74	39.8	D	L	0.97	70.6	E	L	1.09	103.7	F	L	0.65	34.0	C	L	0.72	37.3	D	L	0.80	43.7	D	L	0.84	47.5	D	L	0.74	39.4	D	L	0.84	47.5	D
Northbound	T	1.10	93.5	F	T	1.14	107.0	F	T	0.64	24.7	C	T	0.69	26.6	C	T	1.02	67.0	E	T	1.18	121.3	F	T	0.52	21.2	C	T	0.61	23.5	C	T	0.90	41.9	D	T	0.93	47.0	D	T	0.58	22.8	C	T	0.67	25.7	C
Intersection	TR	0.44	17.9	B	TR	0.44	17.9	B	TR	0.36	17.1	B	TR	0.37	17.1	B	TR	0.50	18.7	B	TR	0.51	18.9	B	TR	0.51	18.9	B	TR	0.52	19.0	B	TR	0.49	18.5	B	TR	0.49	18.5	B	TR	0.42	17.8	B	TR	0.44	17.9	B
Intersection	47.1	D	Intersection	52.7	D	Intersection	22.8	C	Intersection	23.8	C	Intersection	42.0	D	Intersection	66.6	E	Intersection	66.6	E	Intersection	21.7	C	Intersection	21.7	C	Intersection	22.8	C	Intersection	22.8	C	Intersection	29.2	C	Intersection	31.5	C	Intersection	31.5	C	Intersection	22.8	C	Intersection	25.4	C	
Eighth Avenue and West 29th Street																																																
Westbound	TR	1.07	88.0	F	TR	1.17	121.0	F	TR	1.02	71.2	E	TR	1.08	90.4	F	TR	1.38	210.1	F	TR	1.54	278.8	F	TR	1.20	133.2	F	TR	1.26	156.6	F	TR	1.06	81.6	F	TR	1.10	94.6	F	TR	1.00	65.8	E	TR	1.12	101.2	F
Northbound	L	1.07	102.4	F	L	1.12	117.5	F	L	0.74	39.6	D	L	0.76	41.6	D	L	0.97	80.9	F	L	1.00	89.4	F	L	0.72	38.4	D	L	0.74	39.7	D	L	1.08	109.8	F	L	1.10	115.2	F	L	0.75	40.2	D	L	0.76	41.0	D
Intersection	T	0.28	13.9	B	T	0.28	13.9	B	T	0.27	13.8	B	T	0.27	13.8	B	T	0.32	14.2	B	T	0.33	14.3	B	T	0.32	14.3	B	T	0.33	14.3	B	T	0.40	15.1	B	T	0.40	15.1	B	T	0.30	14.1	B	T	0.32	14.2	B
Intersection	56.8	E	Intersection	73.0	E	Intersection	38.7	D	Intersection	47.0	D	Intersection	101.4	F	Intersection	135.0	F	Intersection	135.0	F	Intersection	62.1	E	Intersection	62.1	E	Intersection	74.3	E	Intersection	74.3	E	Intersection	48.4	D	Intersection	48.4	D	Intersection	53.5	D	Intersection	53.5	D				
Eighth Avenue and West 28th Street																																																
Eastbound	L	0.32	26.8	C	L	0.32	26.8	C	L	0.22	25.6	C	L	0.22	25.6	C	L	0.34	26.8	C	L	0.34	26.8	C	L	0.15	23.8	C	L	0.15	23.8	C	L	0.17	24.9	C	L	0.17	24.9	C	L	0.15	24.5	C	L	0.15	24.5	C
Northbound	T	0.66	29.7	C	T	0.68	30.6	C	T	0.36	20.7	C	T	0.38	21.1	C	T	0.44	23.5	C	T	0.48	24.8	C	T	0.39	22.5	C	T	0.42	23.1	C	T	0.52	23.8	C	T	0.55	24.5	C	T	0.47	22.8	C	T	0.52		

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**Table TA-Ts1
Existing Conditions
Level of Service Summary—Subway Station Stair Analysis
34th Street-Hudson Yards Station**

Subway Stair	Location	Actual Width (ft)	Effective Width (ft)	Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor		V/C Ratio	LOS
				In to Station	Out from Station	In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	6	44	2	14	90%	90%	90%	0.03	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	9	58	3	18	90%	90%	90%	0.04	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	6	469	2	147	100%	80%	75%	0.16	A
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	122	1050	38	328	90%	80%	75%	0.23	A
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	404	1383	126	432	90%	80%	75%	0.34	A
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	177	1	55	0	100%	80%	75%	0.06	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	48	0	15	0	100%	80%	75%	0.02	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	129	1	40	0	100%	80%	75%	0.04	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	377	0	118	0	100%	80%	75%	0.12	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	42	0	13	0	100%	80%	75%	0.01	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	335	0	105	0	100%	80%	75%	0.11	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	235	310	73	97	90%	80%	75%	0.11	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	168	54	53	17	90%	80%	75%	0.04	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	47	7	15	2	90%	80%	75%	0.02	A
Weekday PM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	46	3	14	1	90%	90%	90%	0.03	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	107	4	33	1	100%	90%	90%	0.06	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	4	132	1	41	100%	80%	75%	0.05	A
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	1261	265	394	83	90%	80%	75%	0.29	A
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	1855	164	580	51	90%	80%	75%	0.37	A
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	85	1	27	0	100%	80%	75%	0.03	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	23	0	7	0	100%	80%	75%	0.01	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	61	1	19	0	100%	80%	75%	0.02	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	111	10	35	3	90%	80%	75%	0.04	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	36	0	11	0	100%	80%	75%	0.01	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	75	10	23	3	90%	80%	75%	0.03	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	414	199	129	62	90%	80%	75%	0.12	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	66	187	21	58	90%	80%	75%	0.05	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	15	8	5	3	90%	80%	75%	0.01	A

**Table TA-Ts2
Existing Conditions
Level of Service Summary—Subway Station Escalator Analysis
34th Street-Hudson Yards Station**

Escalator	Location	Quantity	Tread Width (in.)	Surging Factor (exiting)	Peak Hour Volumes		Peak 15-Minute Volumes		Peak 15-Minute Capacity (w/o surging factor)	V/C Ratio	LOS
					In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	532	0	166	0	2,340	0.08	A
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	2830	0	884	2,340	0.47	B
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	683	0	213	1,170	0.23	A
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	3175	0	992	2,340	0.47	B
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	458	0	143	0	2,340	0.07	A
Weekday PM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	3270	0	1022	0	2,340	0.49	B
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	803	0	251	2,340	0.13	A
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	97	0	30	1,170	0.03	A
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	869	0	272	2,340	0.13	A
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	2671	0	835	0	2,340	0.40	A

**Table TA-Ts3
Existing Conditions
Level of Service Summary—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station**

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor Out	V/C Ratio	LOS
		In to Station	Out from Station	In to Station	Out from Station	In to Station	Out from Station				
Weekday AM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	474	3,277	148	1,024	0.90	0.90	0.15	A
Weekday PM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	2,824	875	883	273	0.90	0.90	0.18	A

**Table TA-Ts4
2031 No Action Condition
Level of Service Summary—Subway Station Stair Analysis
34th Street-Hudson Yards Station**

Subway Stair	Location	Actual Width (ft)	Effective Width (ft)	Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor		V/C Ratio	LOS
				In to Station	Out from Station	In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	28	96	9	30	90%	90%	90%	0.08	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	47	151	15	47	90%	90%	90%	0.13	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	32	1758	10	549	100%	80%	75%	0.60	B
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	794	3865	248	1,208	90%	80%	75%	0.92	C
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	1563	4455	488	1,392	90%	80%	75%	1.16	D
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	445	73	139	23	90%	80%	75%	0.19	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	143	36	45	11	90%	80%	75%	0.07	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	302	38	94	12	90%	80%	75%	0.12	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	811	70	253	22	90%	80%	75%	0.31	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	115	36	36	11	90%	80%	75%	0.06	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	696	35	218	11	100%	80%	75%	0.23	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	543	1575	170	492	90%	80%	75%	0.42	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	411	754	128	236	90%	80%	75%	0.23	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	112	55	35	17	90%	80%	75%	0.06	A
Weekday PM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	98	21	31	7	90%	90%	90%	0.08	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	213	36	67	11	90%	90%	90%	0.16	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	44	592	14	185	90%	80%	75%	0.24	A
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	4246	1192	1,327	373	90%	80%	75%	1.03	D
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	6193	744	1,935	233	90%	80%	75%	1.28	D
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	395	42	123	13	90%	80%	75%	0.16	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	151	21	47	7	90%	80%	75%	0.06	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	243	22	76	7	90%	80%	75%	0.10	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	398	69	124	22	90%	80%	75%	0.17	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	152	21	48	7	90%	80%	75%	0.06	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	247	49	77	15	90%	80%	75%	0.10	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	1131	904	353	283	90%	80%	75%	0.39	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	263	829	82	259	90%	80%	75%	0.21	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	70	52	22	16	90%	80%	75%	0.05	A

**Table TA-Ts5
2031 No Action Condition
Level of Service Summary—Subway Station Escalator Analysis
34th Street-Hudson Yards Station**

Escalator	Location	Quantity	Tread Width (in.)	Surging Factor (exiting)	Peak Hour Volumes		Peak 15-Minute Volumes		Peak 15-Minute Capacity (w/o surging factor)	V/C Ratio	LOS
					In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	2360	0	738	0	2,340	0.35	A
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	6888	0	2153	2,340	1.15	D
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	1369	0	428	1,170	0.46	B
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	7834	0	2448	2,340	1.16	D
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	2220	0	694	0	2,340	0.33	A
Weekday PM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	7595	0	2373	0	2,340	1.13	D
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	2246	0	702	2,340	0.38	A
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	317	0	99	1,170	0.11	A
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	2419	0	756	2,340	0.36	A
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	6918	0	2162	0	2,340	1.03	D

**Table TA-Ts6
2031 No Action Condition
Level of Service Summary—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station**

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor Out	V/C Ratio	LOS
		In to Station	Out from Station	In to Station	Out from Station	In to Station	Out from Station				
Weekday AM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	2,329	8,017	728	2,505	0.90	0.90	0.42	A
Weekday PM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	7,200	2,540	2,250	794	0.90	0.90	0.47	B

**Table TA-Ts7
2031 With Action Condition
Proposed Project
Level of Service Summary—Subway Station Stair Analysis
34th Street-Hudson Yards Station**

Subway Stair	Location	Actual Width (ft)	Effective Width (ft)	Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor		V/C Ratio	LOS
				In to Station	Out from Station	In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	24	99	8	31	90%	90%	90%	0.08	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	40	156	12	49	90%	90%	90%	0.13	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	28	1791	9	560	100%	80%	75%	0.61	B
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	666	3934	208	1,229	90%	80%	75%	0.91	C
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	1384	4496	432	1,405	90%	80%	75%	1.14	D
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	423	78	132	24	90%	80%	75%	0.18	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	132	39	41	12	90%	80%	75%	0.06	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	291	41	91	13	90%	80%	75%	0.12	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	796	75	249	23	90%	80%	75%	0.31	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	108	39	34	12	90%	80%	75%	0.05	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	689	38	215	12	100%	80%	75%	0.23	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	536	1629	167	509	90%	80%	75%	0.42	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	404	800	126	250	90%	80%	75%	0.23	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	108	58	34	18	90%	80%	75%	0.06	A
Weekday PM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	104	24	32	7	90%	90%	90%	0.08	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	236	39	74	12	90%	90%	90%	0.18	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	50	669	16	209	90%	80%	75%	0.27	A
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	4451	1352	1,391	422	90%	80%	75%	1.10	D
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	6481	839	2,025	262	90%	80%	75%	1.35	E
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	430	54	134	17	90%	80%	75%	0.18	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	169	27	53	8	90%	80%	75%	0.07	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	261	28	81	9	90%	80%	75%	0.10	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	421	81	132	25	90%	80%	75%	0.18	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	164	27	51	8	90%	80%	75%	0.07	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	259	55	81	17	90%	80%	75%	0.11	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	1143	1028	357	321	90%	80%	75%	0.42	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	275	935	86	292	90%	80%	75%	0.24	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	76	58	24	18	90%	80%	75%	0.05	A

**Table TA-Ts8
2031 With Action Condition
Proposed Project
Level of Service Summary—Subway Station Escalator Analysis
34th Street-Hudson Yards Station**

Escalator	Location	Quantity	Tread Width (in.)	Surging Factor (exiting)	Peak Hour Volumes		Peak 15-Minute Volumes		Peak 15-Minute Capacity (w/o surging factor)	V/C Ratio	LOS
					In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	2001	0	625	0	2,340	0.30	A
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	7114	0	2223	2,340	1.19	D
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	1400	0	438	1,170	0.47	B
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	8083	0	2526	2,340	1.20	D
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	1865	0	583	0	2,340	0.28	A
Weekday PM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	8176	0	2555	0	2,340	1.21	D
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	2765	0	864	2,340	0.46	B
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	389	0	122	1,170	0.13	A
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	3004	0	939	2,340	0.45	B
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	7476	0	2336	0	2,340	1.11	D

**Table TA-Ts9
2031 With Action Condition
Proposed Project
Level of Service Summary—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station**

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor	V/C Ratio	LOS
		In to Station	Out from Station	In to Station	Out from Station	In to Station	Out from Station				
Weekday AM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	1,963	8,274	613	2,586	0.90	0.90	0.41	A
Weekday PM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	7,787	3,131	2,433	978	0.90	0.90	0.52	B

Table TA-Ts10
2031 No Action and With Action Conditions
Proposed Project
Level of Service Comparison—Subway Station Stair Analysis
34th Street-Hudson Yards Station

Subway Stair	Location	No Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action Peak 15-Minute Volumes		With Action V/C Ratio	Impact Determination
		In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour								
S1/M1/M3	Stair from Street Level to R550 free zone (North)	9	30	0.08	8	31	0.08	No Impact
S2/M2/M4	Stair from Street Level to R550 free zone (South)	15	47	0.16	12	49	0.13	No Impact
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	10	549	0.24	9	560	0.61	No Impact
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	248	1,208	1.03	208	1,229	0.91	No Impact
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	488	1,392	1.28	432	1,405	1.14	No Impact
P7	Connecting Stair from No. 7 Platform to Mezzanine	139	23	0.16	132	24	0.18	No Impact
P8	Connecting Stair from No. 7 Platform to Mezzanine	45	11	0.06	41	12	0.06	No Impact
P9	Connecting Stair from No. 7 Platform to Mezzanine	94	12	0.10	91	13	0.12	No Impact
P10	Connecting Stair from No. 7 Platform to Mezzanine	253	22	0.17	249	23	0.31	No Impact
P11	Connecting Stair from No. 7 Platform to Mezzanine	36	11	0.06	34	12	0.05	No Impact
P12	Connecting Stair from No. 7 Platform to Mezzanine	218	11	0.10	215	12	0.23	No Impact
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	170	492	0.39	167	509	0.42	No Impact
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	128	236	0.21	126	250	0.23	No Impact
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	35	17	0.05	34	18	0.06	No Impact
Weekday PM Peak Hour								
S1/M1/M3	Stair from Street Level to R550 free zone (North)	31	7	0.08	32	7	0.08	No Impact
S2/M2/M4	Stair from Street Level to R550 free zone (South)	67	11	0.16	74	12	0.18	No Impact
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	14	185	0.24	16	209	0.27	No Impact
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	1,327	373	1.03	1,391	422	1.10	Impact
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	1,935	233	1.28	2,025	262	1.35	Impact
P7	Connecting Stair from No. 7 Platform to Mezzanine	123	13	0.16	134	17	0.18	No Impact
P8	Connecting Stair from No. 7 Platform to Mezzanine	47	7	0.06	53	8	0.07	No Impact
P9	Connecting Stair from No. 7 Platform to Mezzanine	76	7	0.10	81	9	0.10	No Impact
P10	Connecting Stair from No. 7 Platform to Mezzanine	124	22	0.17	132	25	0.18	No Impact
P11	Connecting Stair from No. 7 Platform to Mezzanine	48	7	0.06	51	8	0.07	No Impact
P12	Connecting Stair from No. 7 Platform to Mezzanine	77	15	0.10	81	17	0.11	No Impact
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	353	283	0.39	357	321	0.42	No Impact
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	82	259	0.21	86	292	0.24	No Impact
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	22	16	0.05	24	18	0.05	No Impact

Table TA-Ts11
2031 No Action and With Action Conditions
Proposed Project
Level of Service Comparison—Subway Station Escalator Analysis
34th Street-Hudson Yards Station

Escalator	Location	No Action Peak 15-Minute Volumes		With Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action V/C Ratio	Impact Determination
		In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour								
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	738	0	625	0	0.35	0.30	No Impact
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	0	2153	0	2223	1.15	1.19	Impact
ES625	Connecting escalator between R550 paid zone to mezzanine	0	428	0	438	0.46	0.47	No Impact
ES626-ES627	Street escalator connecting R550 free zone to street	0	2448	0	2526	1.16	1.20	Impact
ES628-ES629	Street escalator connecting R550 free zone to street	694	0	583	0	0.33	0.28	No Impact
Weekday PM Peak Hour								
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2373	0	2555	0	1.13	1.21	Impact
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	0	702	0	864	0.38	0.46	No Impact
ES625	Connecting escalator between R550 paid zone to mezzanine	0	99	0	122	0.11	0.13	No Impact
ES626-ES627	Street escalator connecting R550 free zone to street	0	756	0	939	0.36	0.45	No Impact
ES628-ES629	Street escalator connecting R550 free zone to street	2162	0	2336	0	1.03	1.11	Impact

Table TA-Ts12

2031 No Action and With Action Conditions
Proposed Project
Level of Service Comparison—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station

Fare Control Elements	Quantity	No Action Peak 15-Minute Volumes		With Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action V/C Ratio	Impact Determination
		In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour								
R550: Northwest corner of Hudson Boulevard East and West 33rd Street								
Two-Way Turnstiles	16	728	2,505	613	2,586	0.42	0.41	No Impact
Weekday PM Peak Hour								
R550: Northwest corner of Hudson Boulevard East and West 33rd Street								
Two-Way Turnstiles	16	2,250	794	2,433	978	0.47	0.52	No Impact

Table TA-Ts13
2031 With Action Condition
Alternative Scenario
Level of Service Summary—Subway Station Stair Analysis
34th Street-Hudson Yards Station

Subway Stair	Location	Actual Width (ft)	Effective Width (ft)	Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor		V/C Ratio	LOS
				In to Station	Out from Station	In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	27	113	8	35	90%	90%	90%	0.09	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	45	185	14	58	90%	90%	90%	0.15	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	31	1979	10	618	100%	80%	75%	0.68	B
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	757	4324	237	1,351	90%	80%	75%	1.00	D
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	1512	4727	472	1,477	90%	80%	75%	1.20	D
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	439	107	137	33	90%	80%	75%	0.20	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	140	53	44	17	90%	80%	75%	0.07	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	299	55	93	17	90%	80%	75%	0.13	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	807	104	252	33	90%	80%	75%	0.32	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	113	53	35	17	90%	80%	75%	0.06	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	694	52	217	16	90%	80%	75%	0.26	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	541	1932	169	604	90%	80%	75%	0.49	B
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	409	1060	128	331	90%	80%	75%	0.29	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	111	72	35	23	90%	80%	75%	0.07	A
Weekday PM Peak Hour												
S1/M1/M3	Stair from Street Level to R550 free zone (North)	5.00	4.00	115	26	36	8	90%	90%	90%	0.09	A
S2/M2/M4	Stair from Street Level to R550 free zone (South)	5.00	4.00	280	41	87	13	90%	90%	90%	0.21	A
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	61	721	19	225	90%	80%	75%	0.29	A
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	4832	1460	1,510	456	90%	80%	75%	1.19	D
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	17.25	15.75	7013	903	2,191	282	90%	80%	75%	1.46	E
P7	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	495	62	155	19	90%	80%	75%	0.20	A
P8	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	201	31	63	10	90%	80%	75%	0.09	A
P9	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	293	32	92	10	90%	80%	75%	0.12	A
P10	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	465	89	145	28	90%	80%	75%	0.20	A
P11	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	185	31	58	10	90%	80%	75%	0.08	A
P12	Connecting Stair from No. 7 Platform to Mezzanine	9.50	8.25	280	59	88	18	90%	80%	75%	0.12	A
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	1164	1113	364	348	90%	80%	75%	0.44	A
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	17.00	15.50	296	1008	93	315	90%	80%	75%	0.26	A
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	9.25	8.00	87	62	27	19	90%	80%	75%	0.05	A

Table TA-Ts14
2031 With Action Condition
Alternative Scenario
Level of Service Summary—Subway Station Escalator Analysis
34th Street-Hudson Yards Station

Escalator	Location	Quantity	Tread Width (in.)	Surging Factor (exiting)	Peak Hour Volumes		Peak 15-Minute Volumes		Peak 15-Minute Capacity (w/o surging factor)	V/C Ratio	LOS
					In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	2001	0	705	0	2,340	0.33	A
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	7114	0	2619	2,340	1.40	E
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	1400	0	493	1,170	0.53	B
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	8083	0	2964	2,340	1.41	E
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	1865	0	662	0	2,340	0.31	A
Weekday PM Peak Hour											
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2	40	90%	8176	0	2891	0	2,340	1.37	E
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	2	40	80%	0	2765	0	975	2,340	0.52	B
ES625	Connecting escalator between R550 paid zone to mezzanine	1	40	80%	0	389	0	137	1,170	0.15	A
ES626-ES627	Street escalator connecting R550 free zone to street	2	40	90%	0	3004	0	1063	2,340	0.50	B
ES628-ES629	Street escalator connecting R550 free zone to street	2	40	90%	7476	0	2659	0	2,340	1.26	D

Table TA-Ts15
2031 With Action Condition
Alternative Scenario
Level of Service Summary—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		Peak 15-Minute Volumes		Friction Factor	Surge Factor Out	V/C Ratio	LOS
		In to Station	Out from Station	In to Station	Out from Station	In to Station	Out from Station				
Weekday AM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	2,224	9,718	695	3,037	0.90	0.90	0.48	B
Weekday PM Peak Hour											
Hudson Boulevard East and West 33rd Street (R550)											
Two-Way Turnstiles	16	6,720	10,320	8,873	3,534	2,773	1,104	0.90	0.90	0.59	B

Table TA-Ts16
2031 No Action and With Action Conditions
Alternative Scenario
Level of Service Comparison—Subway Station Stair Analysis
34th Street-Hudson Yards Station

Subway Stair	Location	No Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action Peak 15-Minute Volumes		With Action V/C Ratio	Impact Determination
		In to Station	Out from Station		In to Station	Out from Station		
Weekday AM Peak Hour								
S1/M1/M3	Stair from Street Level to R550 free zone (North)	9	30	0.08	8	35	0.09	No Impact
S2/M2/M4	Stair from Street Level to R550 free zone (South)	15	47	0.16	14	58	0.15	No Impact
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	10	549	0.24	10	618	0.68	No Impact
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	248	1,208	1.03	237	1,351	1.00	No Impact
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	488	1,392	1.28	472	1,477	1.20	Impact
P7	Connecting Stair from No. 7 Platform to Mezzanine	139	23	0.16	137	33	0.20	No Impact
P8	Connecting Stair from No. 7 Platform to Mezzanine	45	11	0.06	44	17	0.07	No Impact
P9	Connecting Stair from No. 7 Platform to Mezzanine	94	12	0.10	93	17	0.13	No Impact
P10	Connecting Stair from No. 7 Platform to Mezzanine	253	22	0.17	252	33	0.32	No Impact
P11	Connecting Stair from No. 7 Platform to Mezzanine	36	11	0.06	35	17	0.06	No Impact
P12	Connecting Stair from No. 7 Platform to Mezzanine	218	11	0.10	217	16	0.26	No Impact
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	170	492	0.39	169	604	0.49	No Impact
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	128	236	0.21	128	331	0.29	No Impact
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	35	17	0.05	35	23	0.07	No Impact
Weekday PM Peak Hour								
S1/M1/M3	Stair from Street Level to R550 free zone (North)	31	7	0.08	36	8	0.09	No Impact
S2/M2/M4	Stair from Street Level to R550 free zone (South)	67	11	0.16	87	13	0.21	No Impact
P1-P2	Connecting Stair from No. 7 Platform to Mezzanine	14	185	0.24	19	225	0.29	No Impact
P3/P4	Connecting Stair from No. 7 Platform to Mezzanine	1,327	373	1.03	1,510	456	1.19	Impact
P5/P6	Connecting Stair from No. 7 Platform to Mezzanine	1,935	233	1.28	2,191	282	1.46	Impact
P7	Connecting Stair from No. 7 Platform to Mezzanine	123	13	0.16	155	19	0.20	No Impact
P8	Connecting Stair from No. 7 Platform to Mezzanine	47	7	0.06	63	10	0.09	No Impact
P9	Connecting Stair from No. 7 Platform to Mezzanine	76	7	0.10	92	10	0.12	No Impact
P10	Connecting Stair from No. 7 Platform to Mezzanine	124	22	0.17	145	28	0.20	No Impact
P11	Connecting Stair from No. 7 Platform to Mezzanine	48	7	0.06	58	10	0.08	No Impact
P12	Connecting Stair from No. 7 Platform to Mezzanine	77	15	0.10	88	18	0.12	No Impact
P13/P14	Connecting Stair from No. 7 Platform to Mezzanine	353	283	0.39	364	348	0.44	No Impact
P15/P16	Connecting Stair from No. 7 Platform to Mezzanine	82	259	0.21	93	315	0.26	No Impact
P17/P18	Connecting Stair from No. 7 Platform to Mezzanine	22	16	0.05	27	19	0.05	No Impact

Table TA-Ts17
2031 No Action and With Action Conditions
Alternative Scenario
Level of Service Comparison—Subway Station Escalator Analysis
34th Street-Hudson Yards Station

Escalator	Location	No Action Peak 15-Minute Volumes		With Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action V/C Ratio	Impact Determination
		In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour								
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	738	0	705	0	0.35	0.33	No Impact
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	0	2153	0	2619	1.15	1.40	Impact
ES625	Connecting escalator between R550 paid zone to mezzanine	0	428	0	493	0.46	0.53	No Impact
ES626-ES627	Street escalator connecting R550 free zone to street	0	2448	0	2964	1.16	1.41	Impact
ES628-ES629	Street escalator connecting R550 free zone to street	694	0	662	0	0.33	0.31	No Impact
Weekday PM Peak Hour								
ES621-ES622	Connecting escalator between R550 paid zone to mezzanine	2373	0	2891	0	1.13	1.37	Impact
ES623-ES624	Connecting escalator between R550 paid zone to mezzanine	0	702	0	975	0.38	0.52	No Impact
ES625	Connecting escalator between R550 paid zone to mezzanine	0	99	0	137	0.11	0.15	No Impact
ES626-ES627	Street escalator connecting R550 free zone to street	0	756	0	1063	0.36	0.50	No Impact
ES628-ES629	Street escalator connecting R550 free zone to street	2162	0	2659	0	1.03	1.26	Impact

Table TA-Ts18

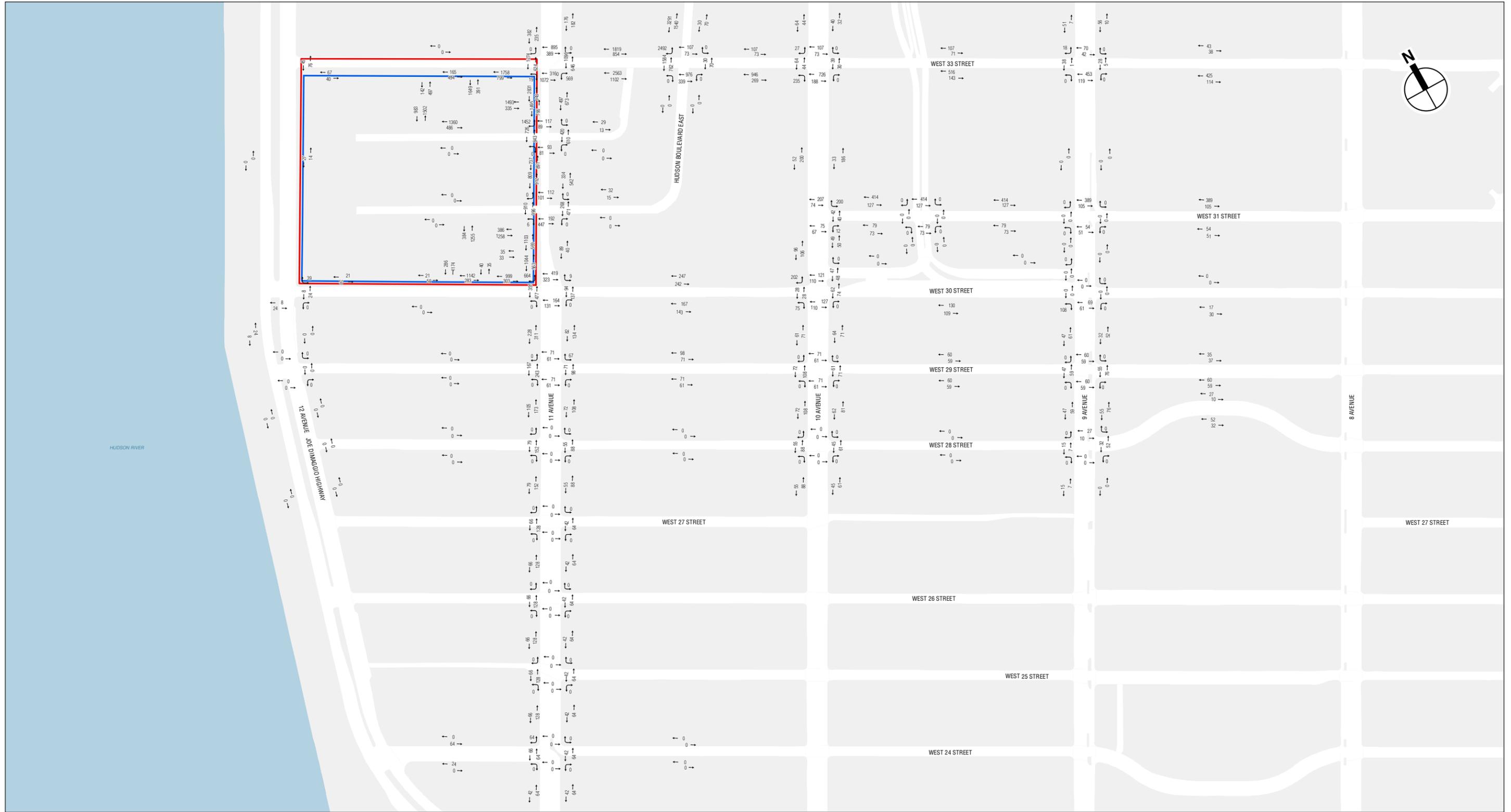
2031 No Action and With Action Conditions
Alternative Scenario

Level of Service Comparison—Subway Station Fare Control Analysis
34th Street-Hudson Yards Station

Fare Control Elements	Quantity	No Action Peak 15-Minute Volumes		With Action Peak 15-Minute Volumes		No Action V/C Ratio	With Action V/C Ratio	Impact Determination
		In to Station	Out from Station	In to Station	Out from Station			
Weekday AM Peak Hour								
R550: Northwest corner of Hudson Boulevard East and West 33rd Street								
Two-Way Turnstiles	16	728	2,505	695	3,037	0.42	0.48	No Impact
Weekday PM Peak Hour								
R550: Northwest corner of Hudson Boulevard East and West 33rd Street								
Two-Way Turnstiles	16	2,250	794	2,773	1,104	0.47	0.59	No Impact

Pedestrians

Pedestrians Figures



 Development Site
 Affected Area



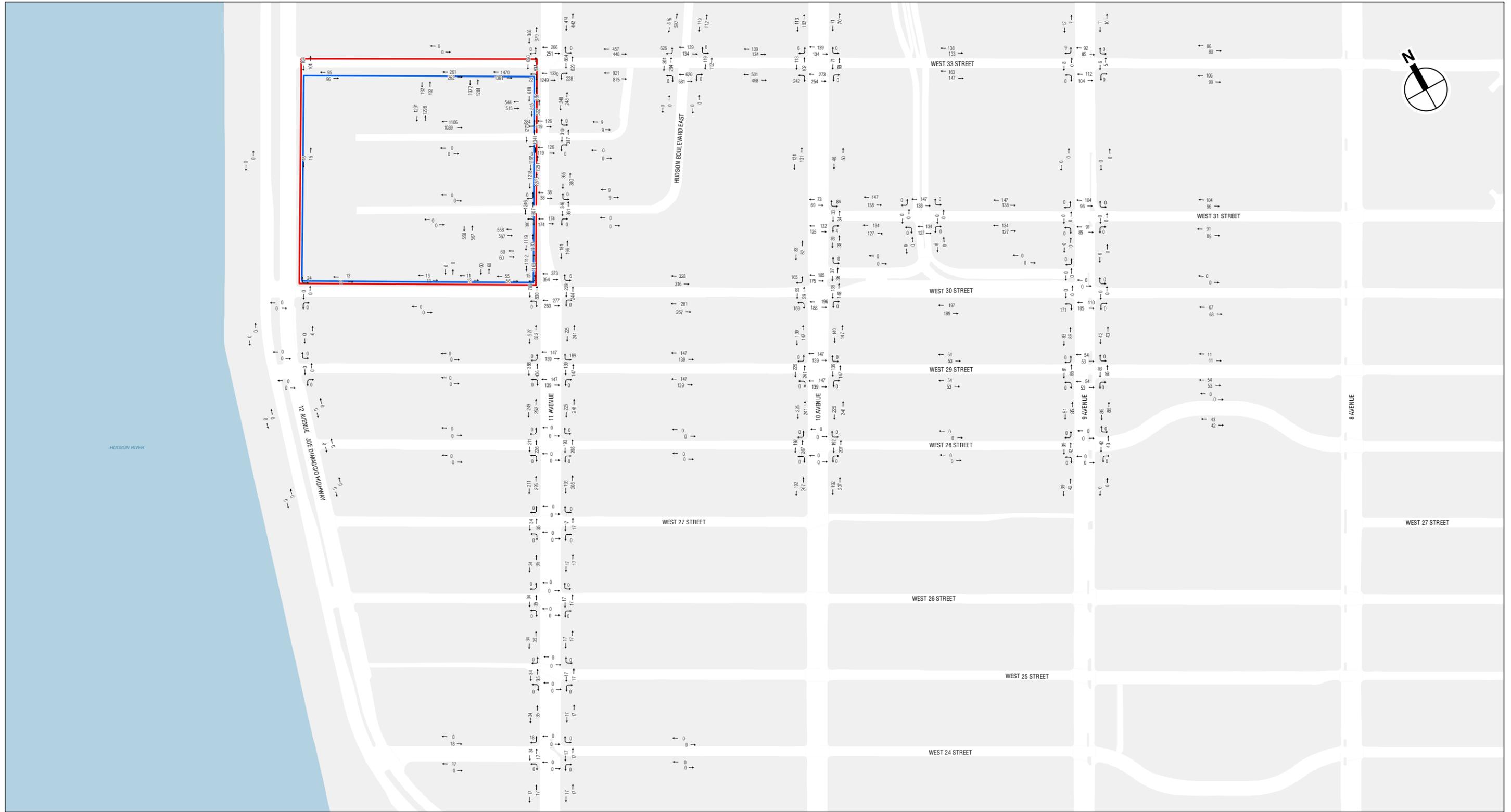
No Action Project Generated Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P1a



Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
Weekday AM Peak Hour



Development Site
 Affected Area

0 300 FEET

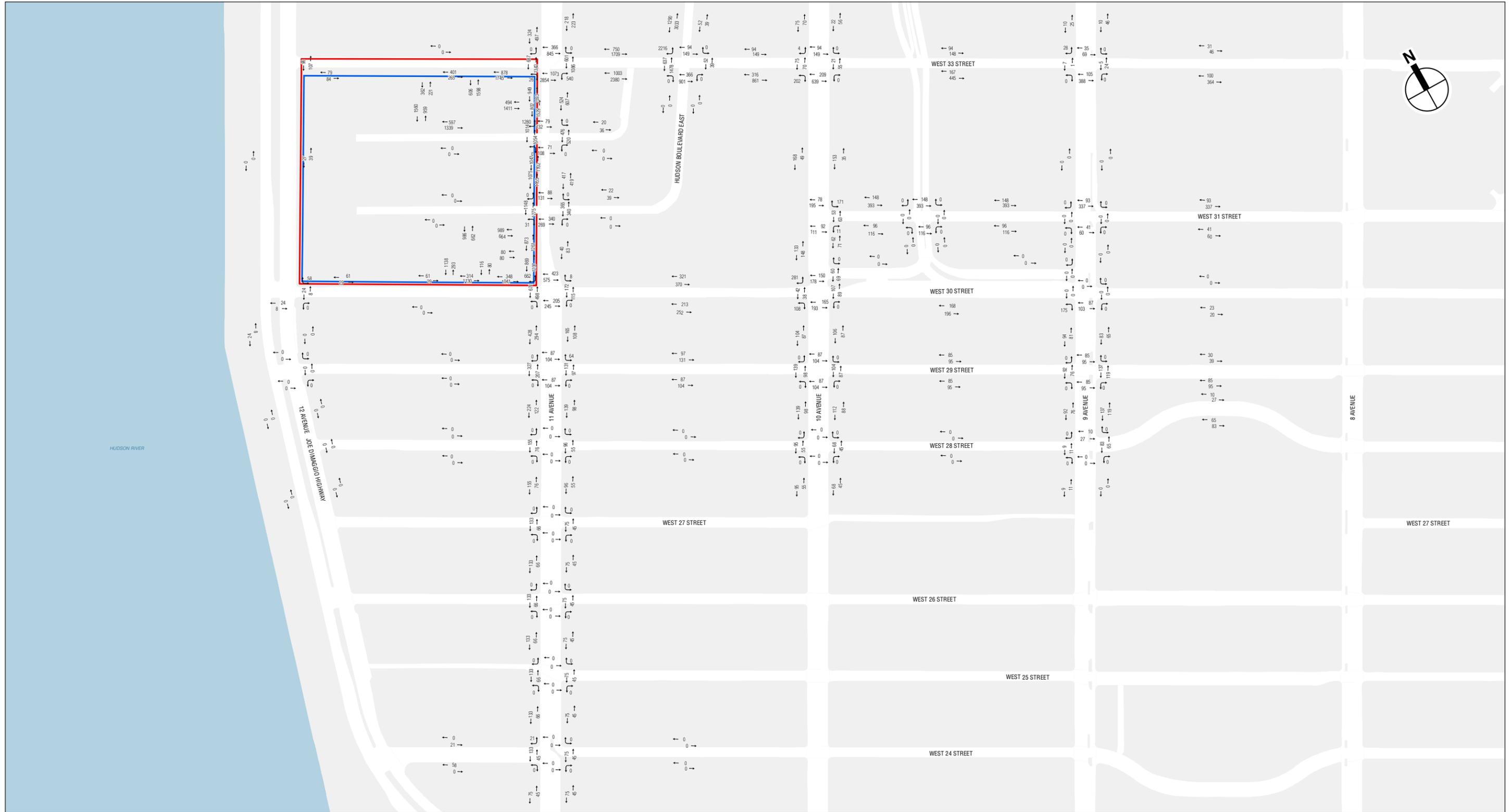
No Action Project Generated Pedestrian Trips
 Weekday Midday Peak Hour
Figure TA-P2a



Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
 Weekday Midday Peak Hour



 Development Site
 Affected Area

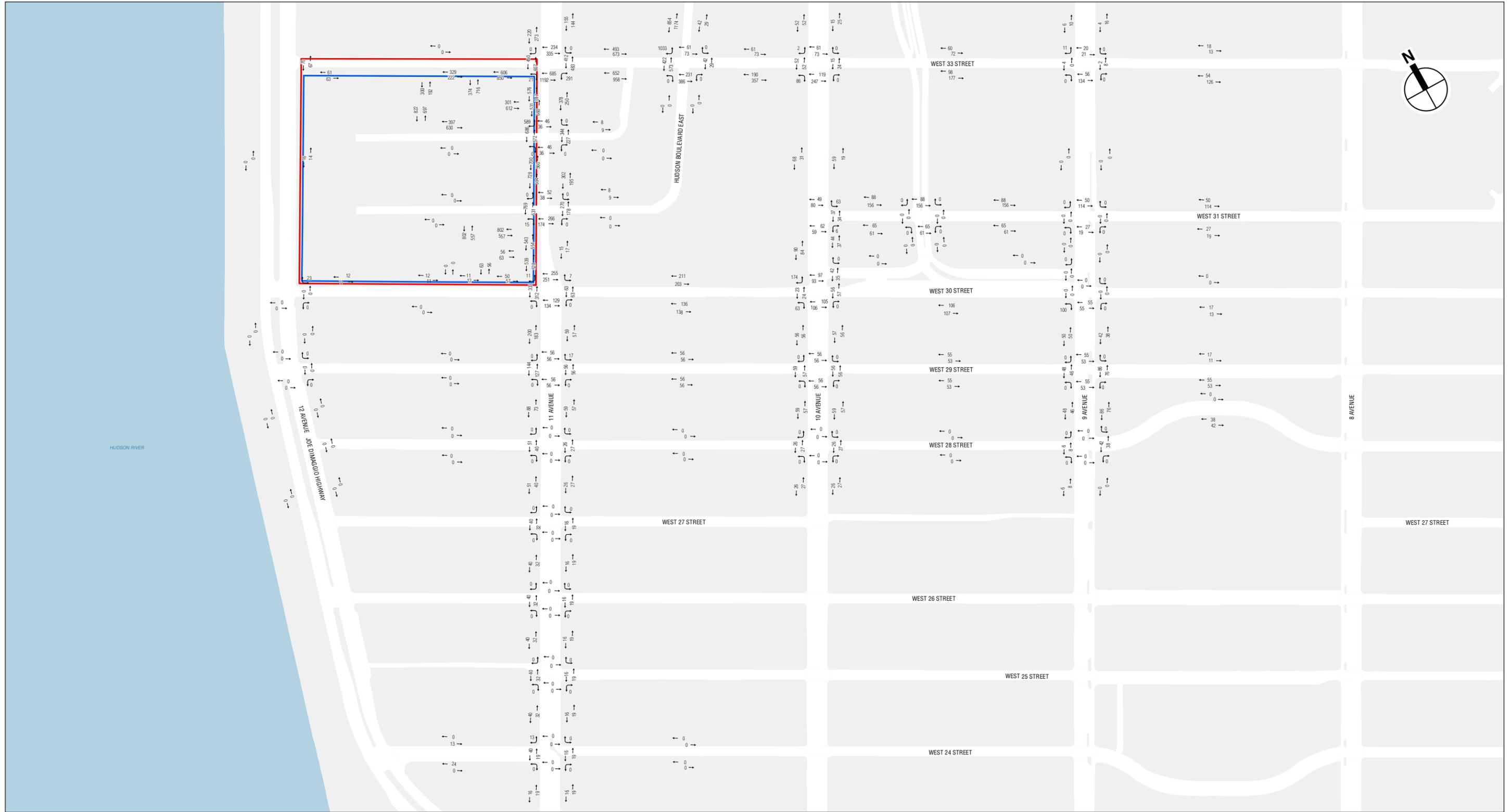
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 Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P3b



 Development Site
 Affected Area

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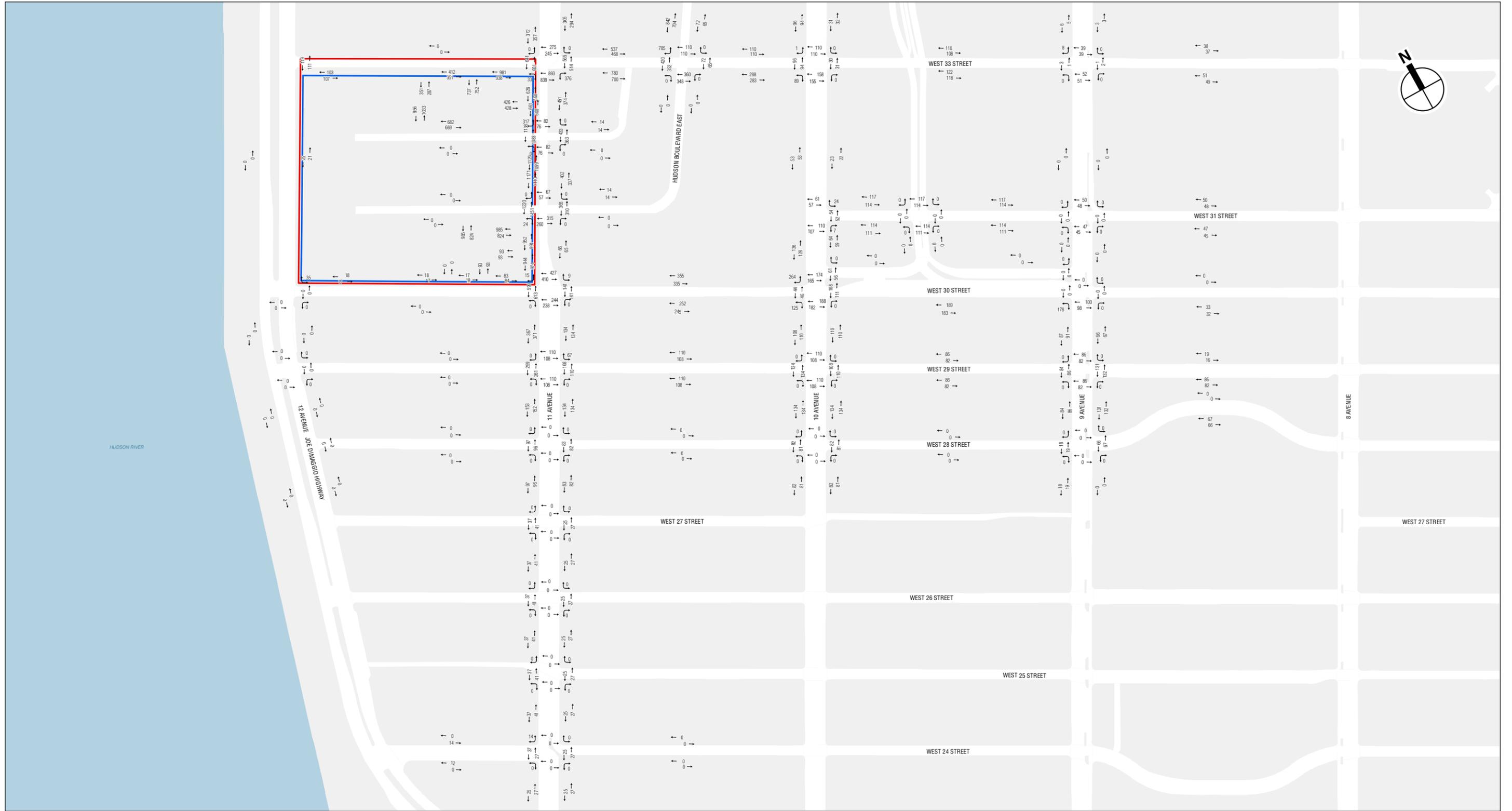
No Action Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P4a



Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P4b



 Development Site
 Affected Area



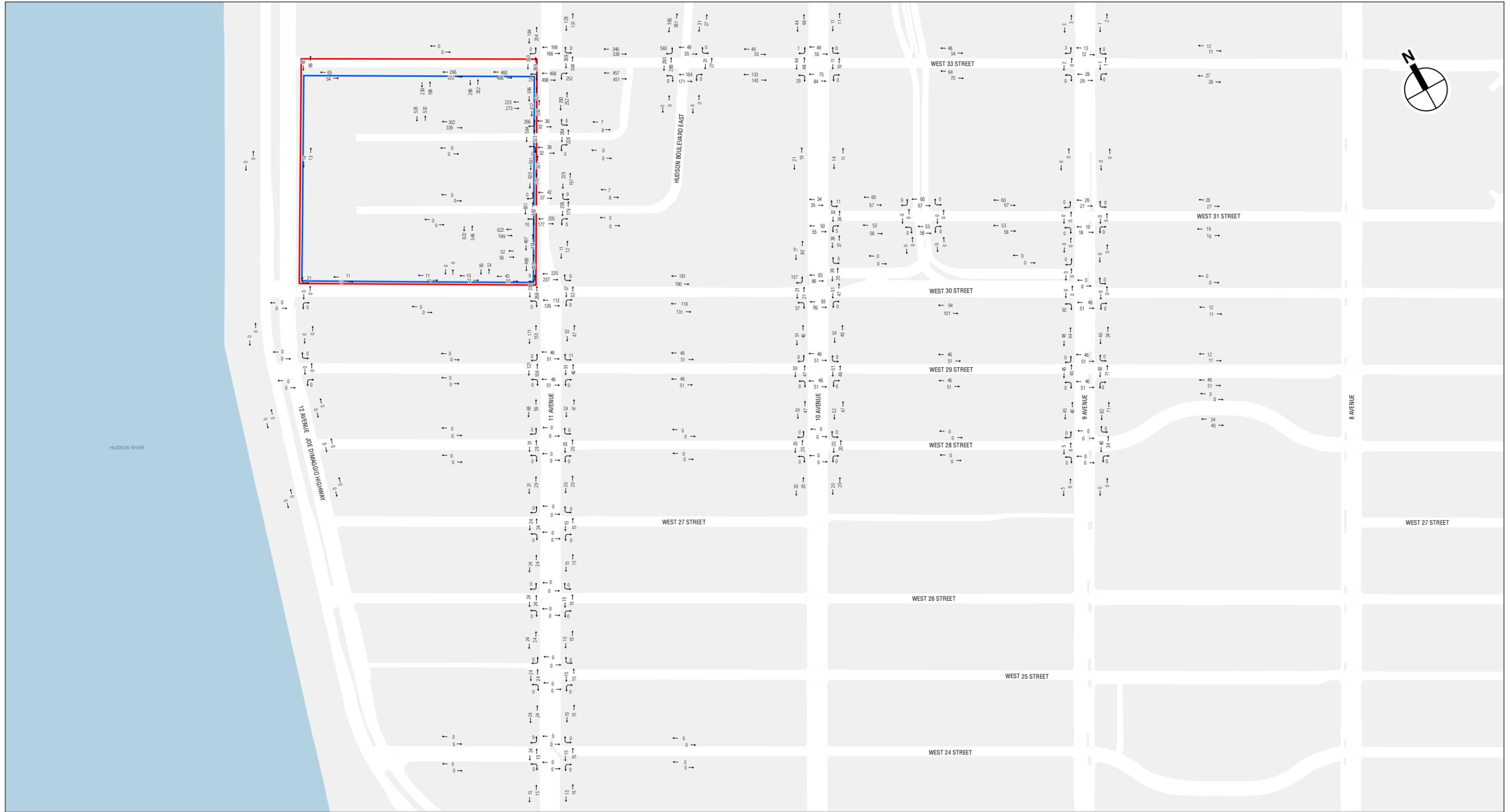
No Action Project Generated Pedestrian Trips
 Saturday Midday/Afternoon Peak Hour
Figure TA-P5a



Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
Saturday Midday/Afternoon Peak Hour



Development Site
 Affected Area

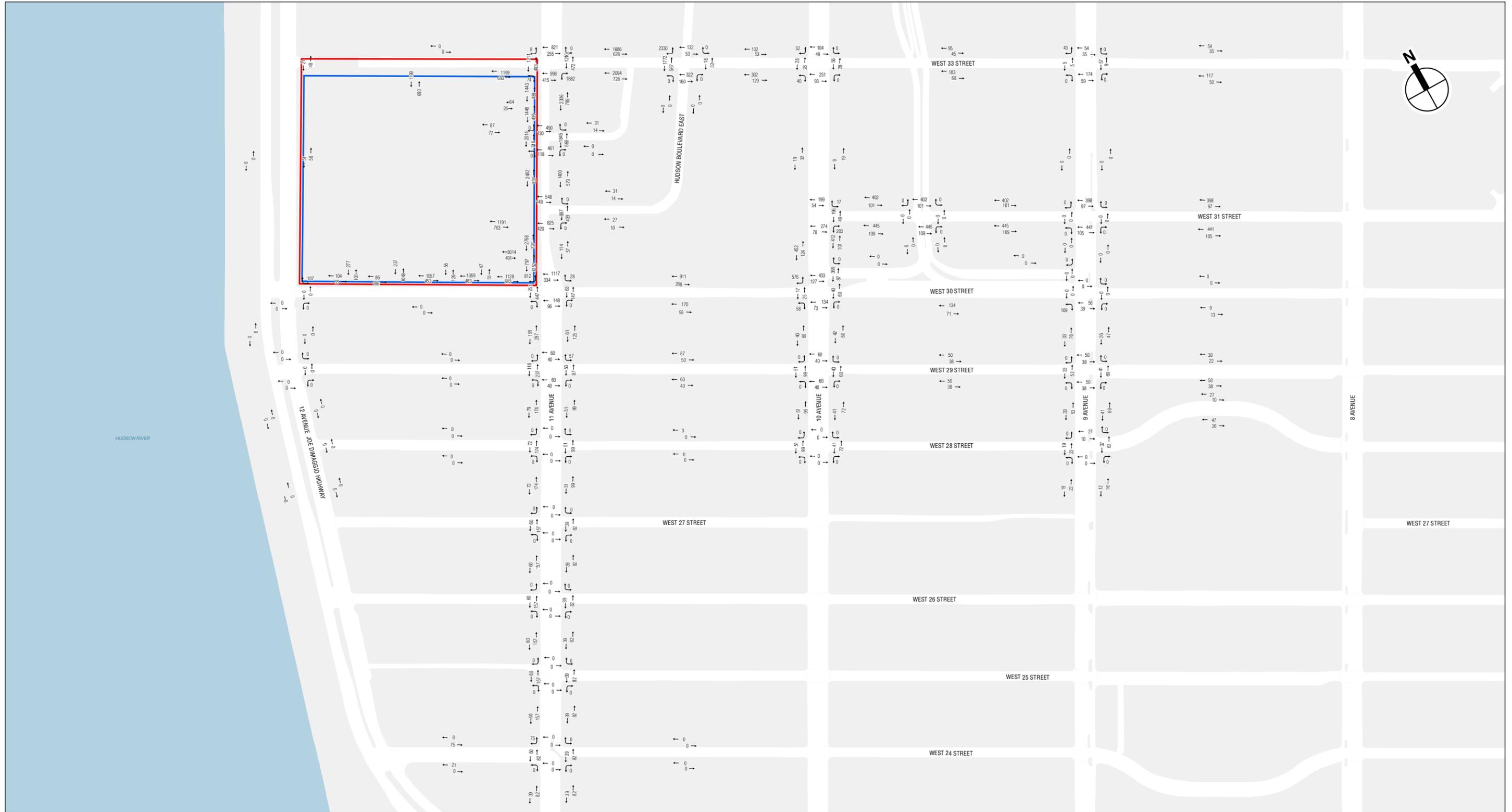
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Development Site
 Affected Area

0 300 FEET

No Action Project Generated Pedestrian Trips
Saturday Evening Peak Hour



 Development Site
 Affected Area

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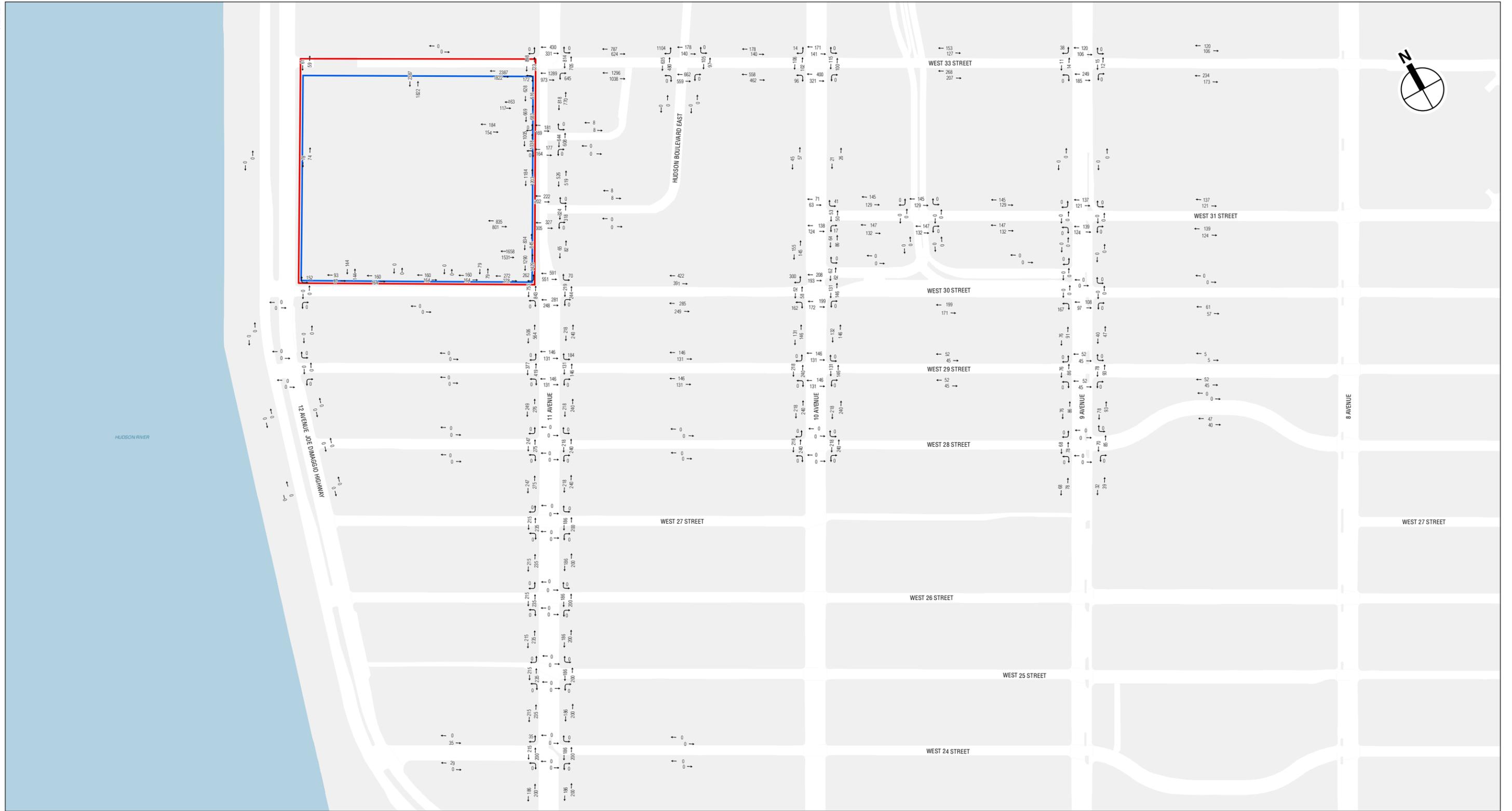
Proposed Project Project Generated Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P7a



Development Site
 Affected Area

0 300 FEET

Proposed Project Project Generated Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P7b



 Development Site
 Affected Area

0 300 FEET

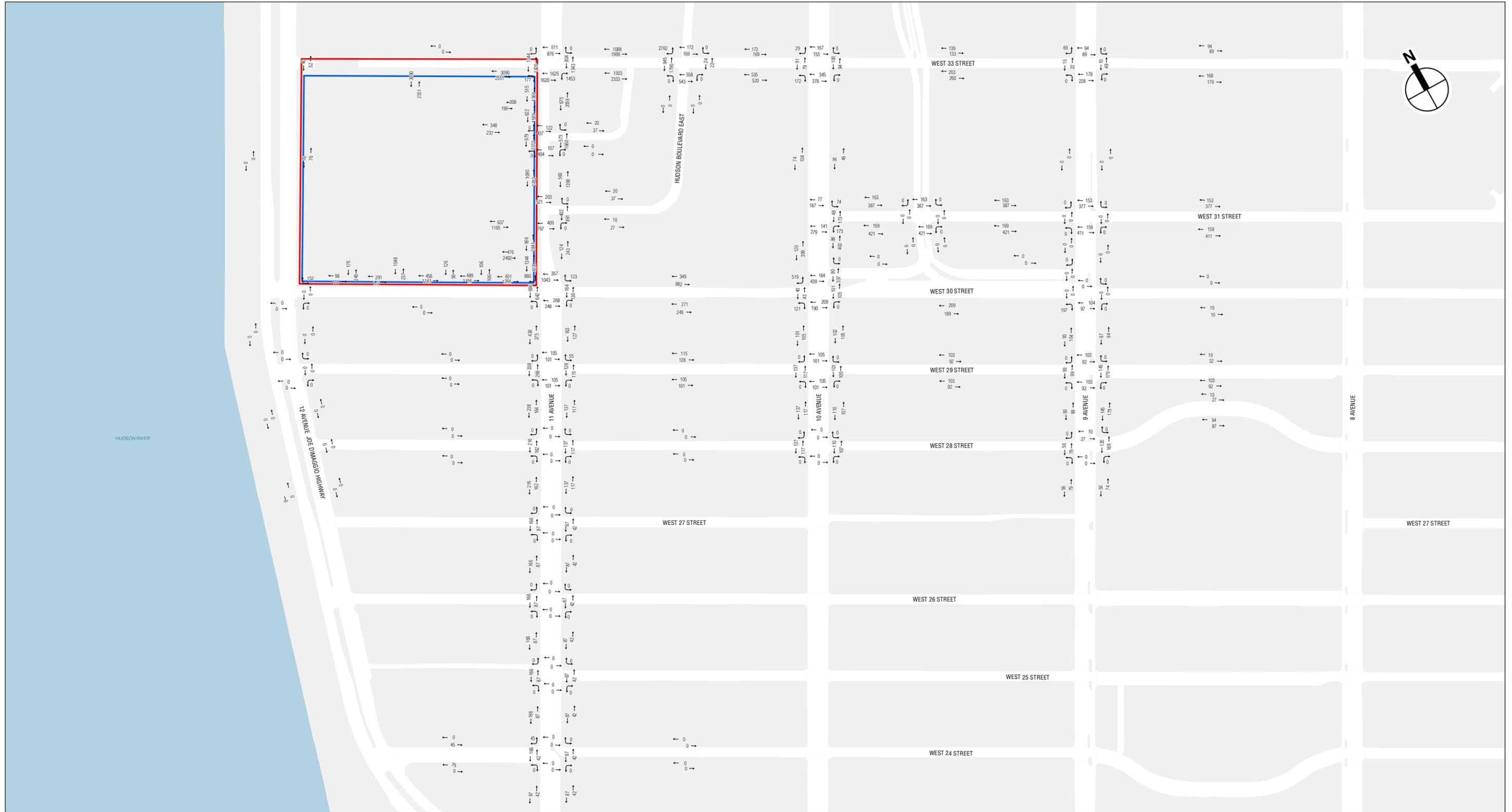
Proposed Project Project Generated Pedestrian Trips
 Weekday Midday Peak Hour
Figure TA-P8a



Development Site
 Affected Area

0 300 FEET

Proposed Project Project Generated Pedestrian Trips
 Weekday Midday Peak Hour
 Figure TA-P8b



 Development Site
 Affected Area

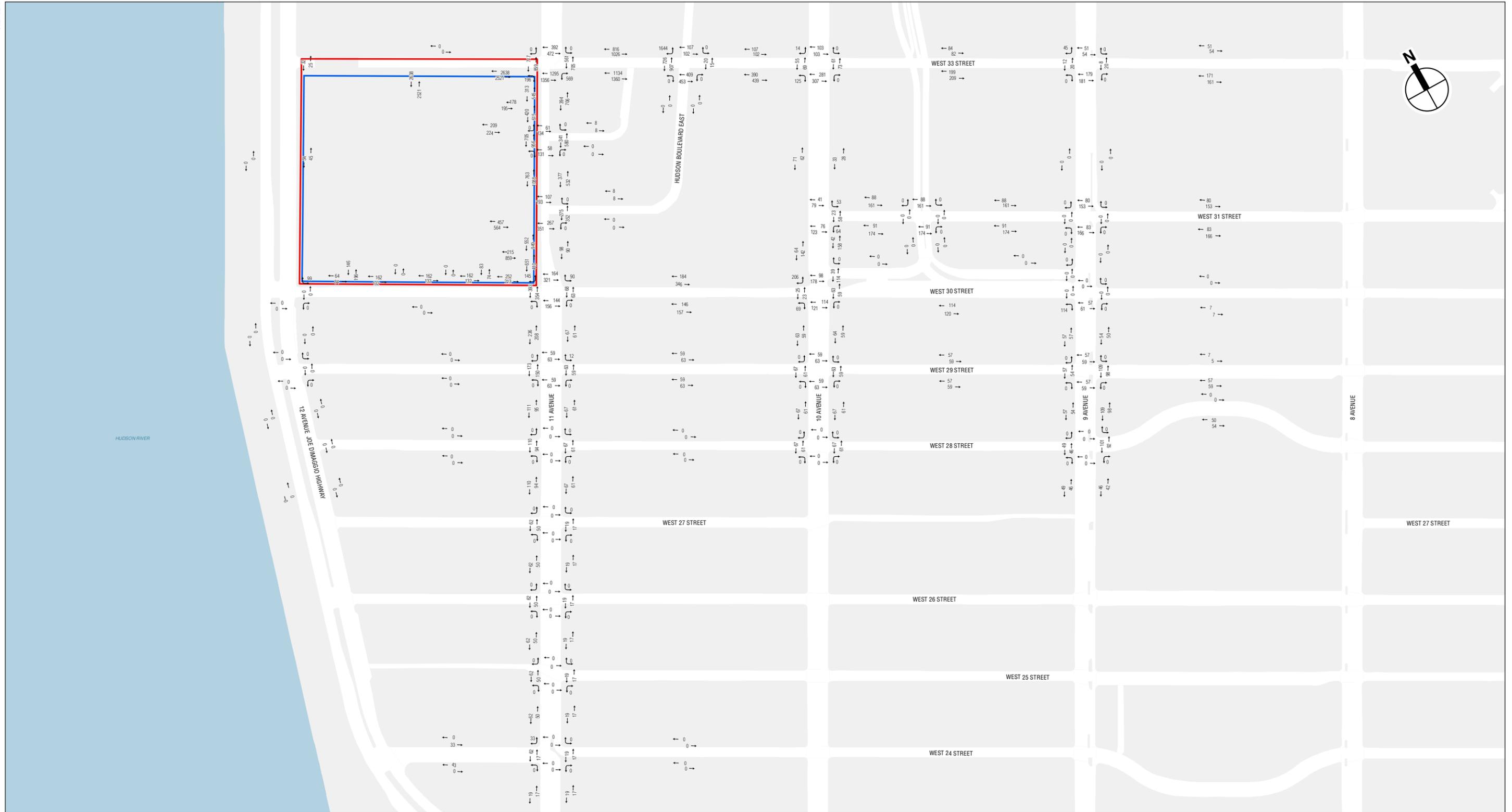
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Proposed Project Project Generated Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P9a



Proposed Project Project Generated Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P9b



 Development Site
 Affected Area

0 300 FEET

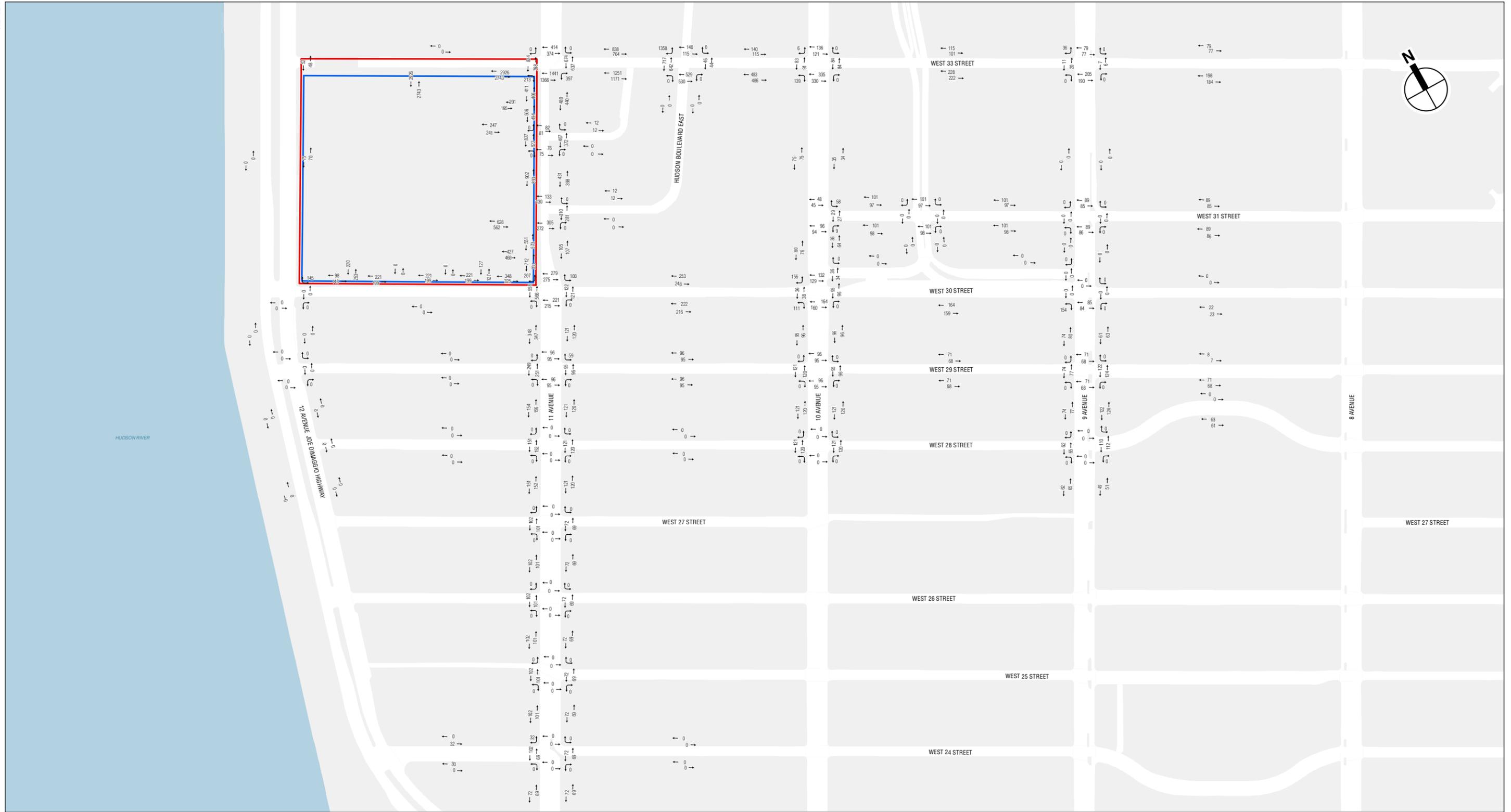
Proposed Project Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P10a



Development Site
 Affected Area

0 300 FEET

Proposed Project Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P10b



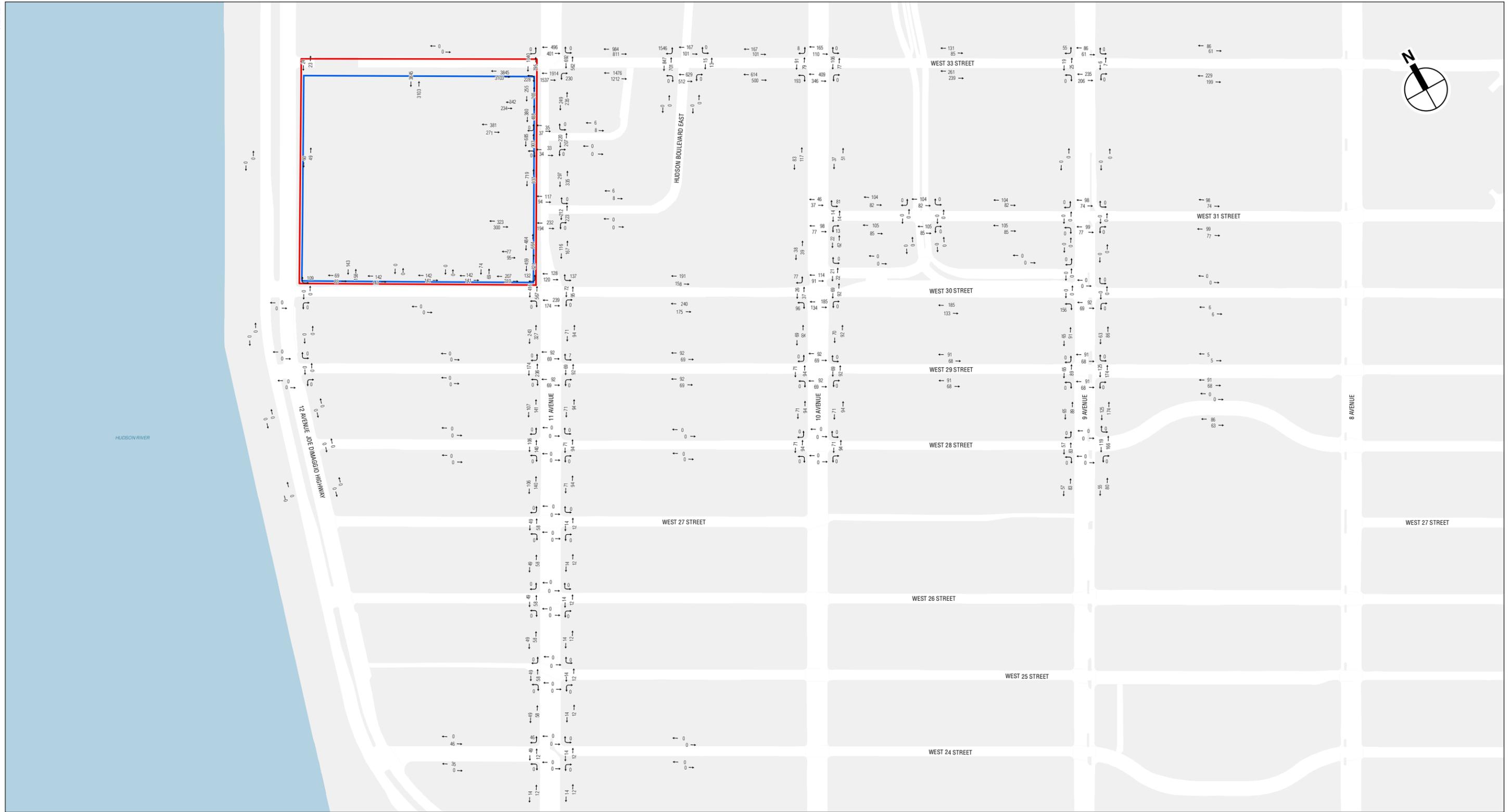
 Development Site
 Affected Area

0 300 FEET



Development Site
 Affected Area

0 300 FEET



Development Site
 Affected Area

0 300 FEET

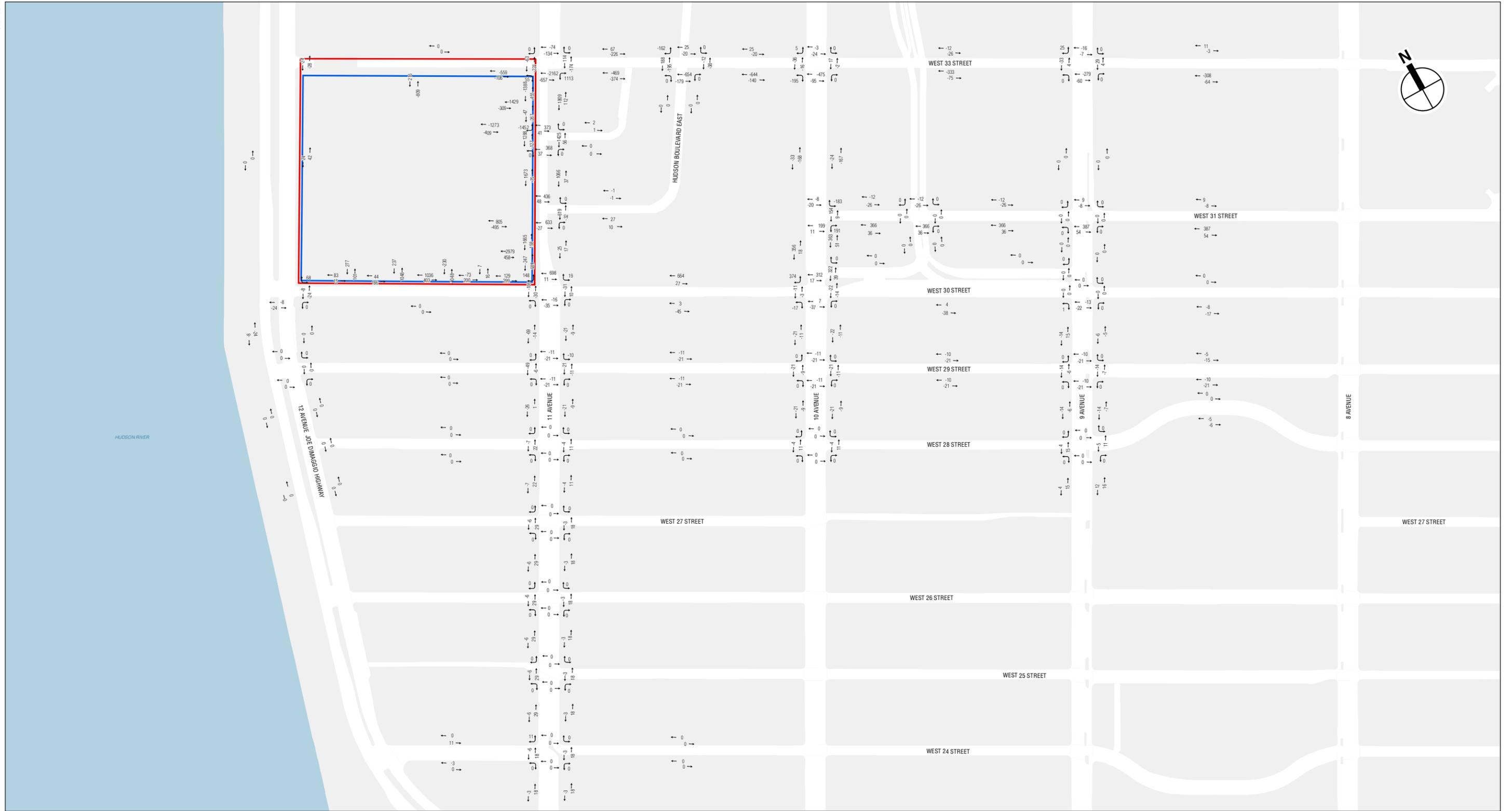
Proposed Project Project Generated Pedestrian Trips
 Saturday Evening Peak Hour
 Figure TA-P12a



Development Site
 Affected Area

0 300 FEET

Proposed Project Project Generated Pedestrian Trips
 Saturday Evening Peak Hour
 Figure TA-P12b



 Development Site
 Affected Area

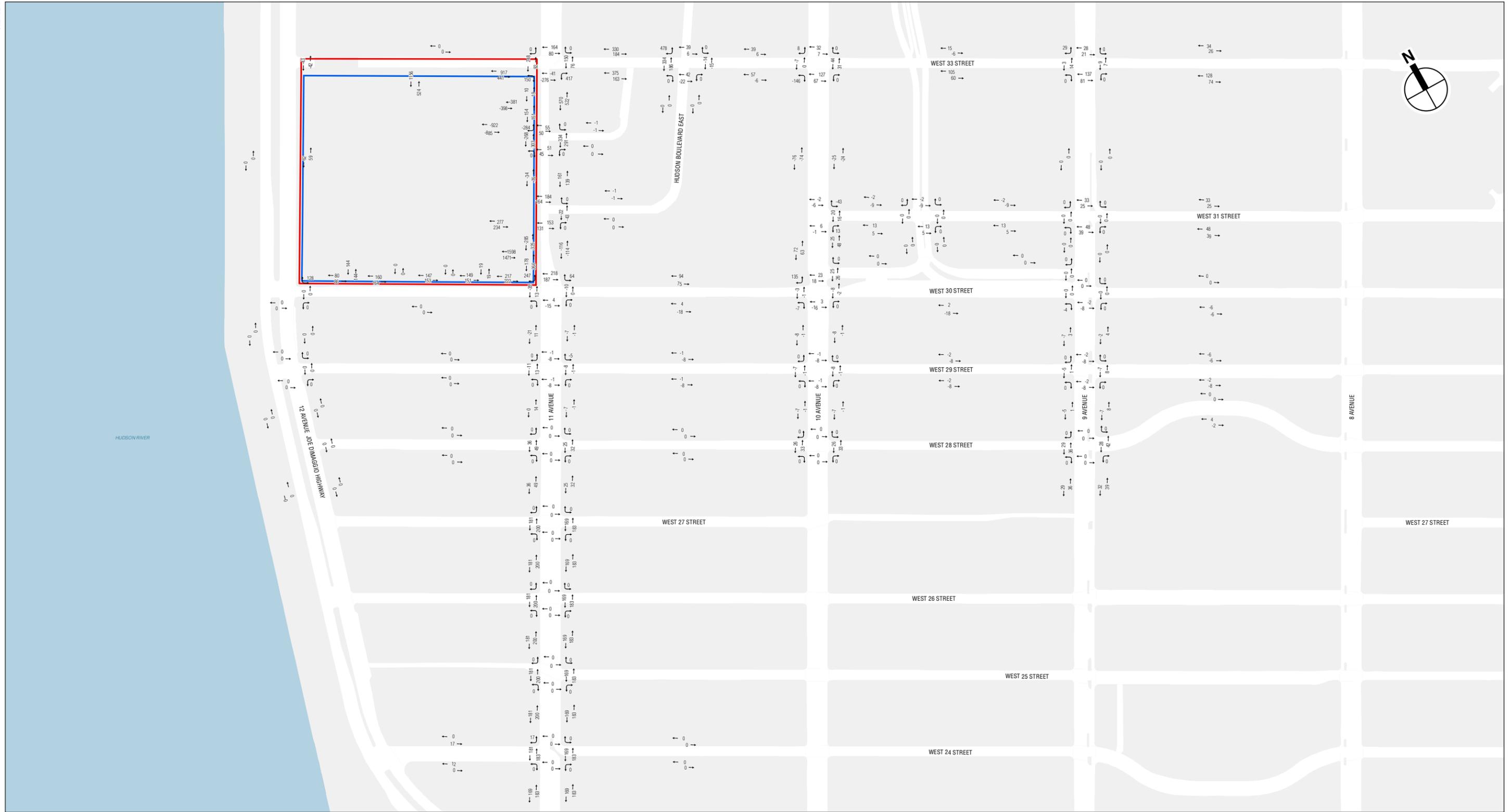
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- Development Site
- Affected Area



Proposed Project Incremental Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P13b



 Development Site
 Affected Area

0 300 FEET

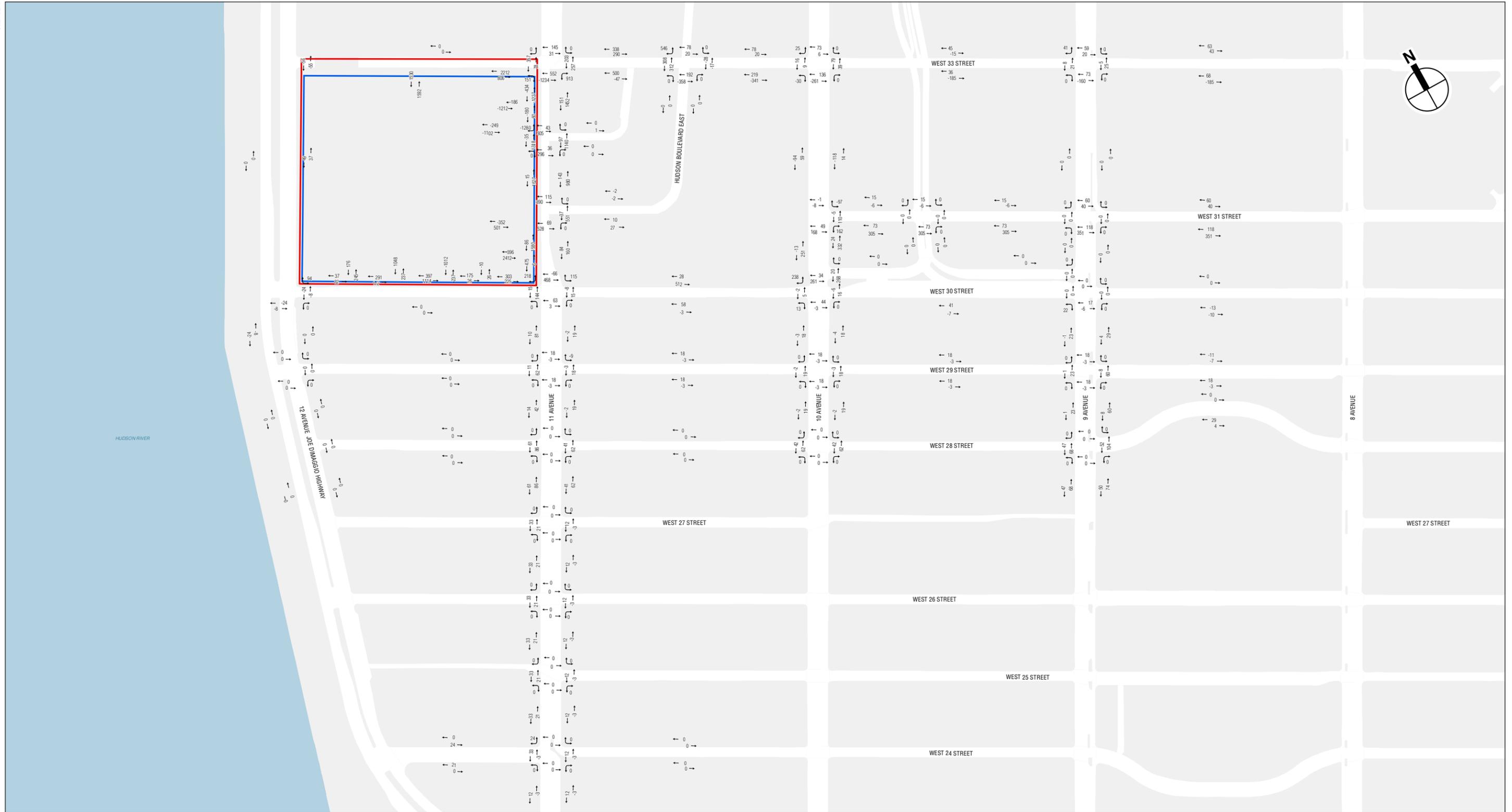
Proposed Project Incremental Pedestrian Trips
 Weekday Midday Peak Hour
Figure TA-P14a



Development Site
 Affected Area

0 300 FEET

Proposed Project Incremental Pedestrian Trips
 Weekday Midday Peak Hour
Figure TA-P14b



 Development Site
 Affected Area

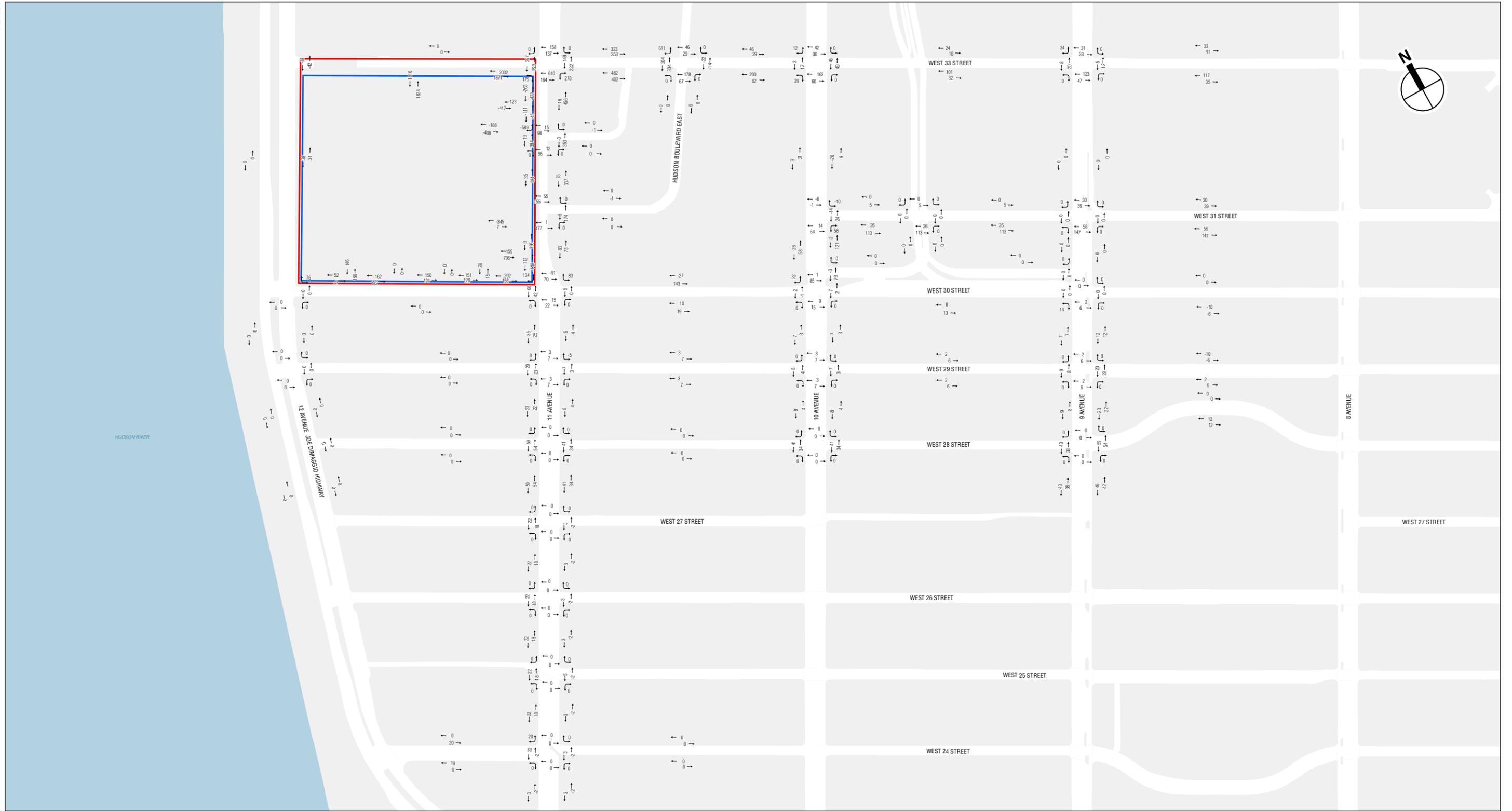
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Development Site
 Affected Area

0 300 FEET

Proposed Project Incremental Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P15b



 Development Site
 Affected Area

0 300 FEET

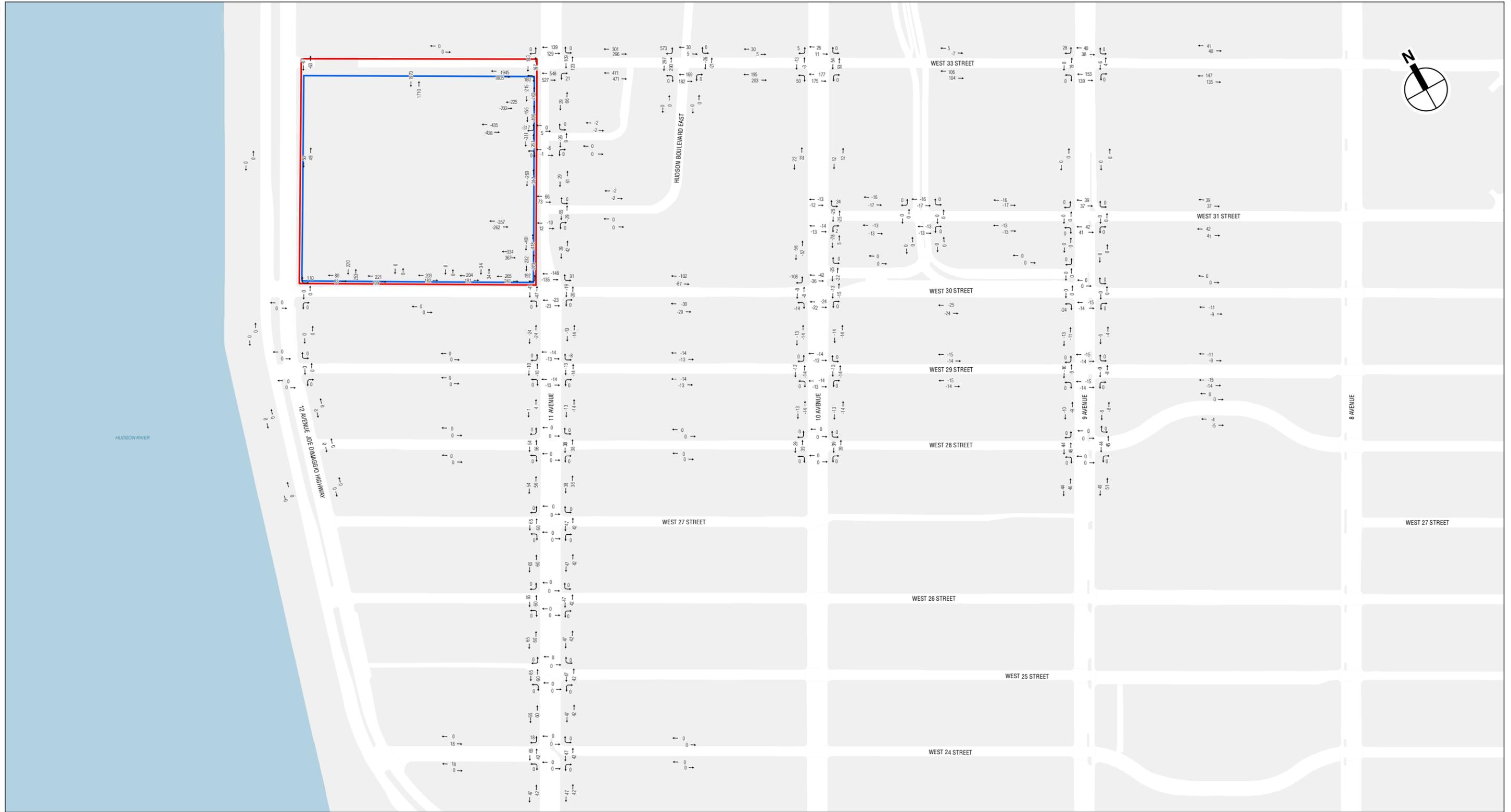


Proposed Project Incremental Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P16a



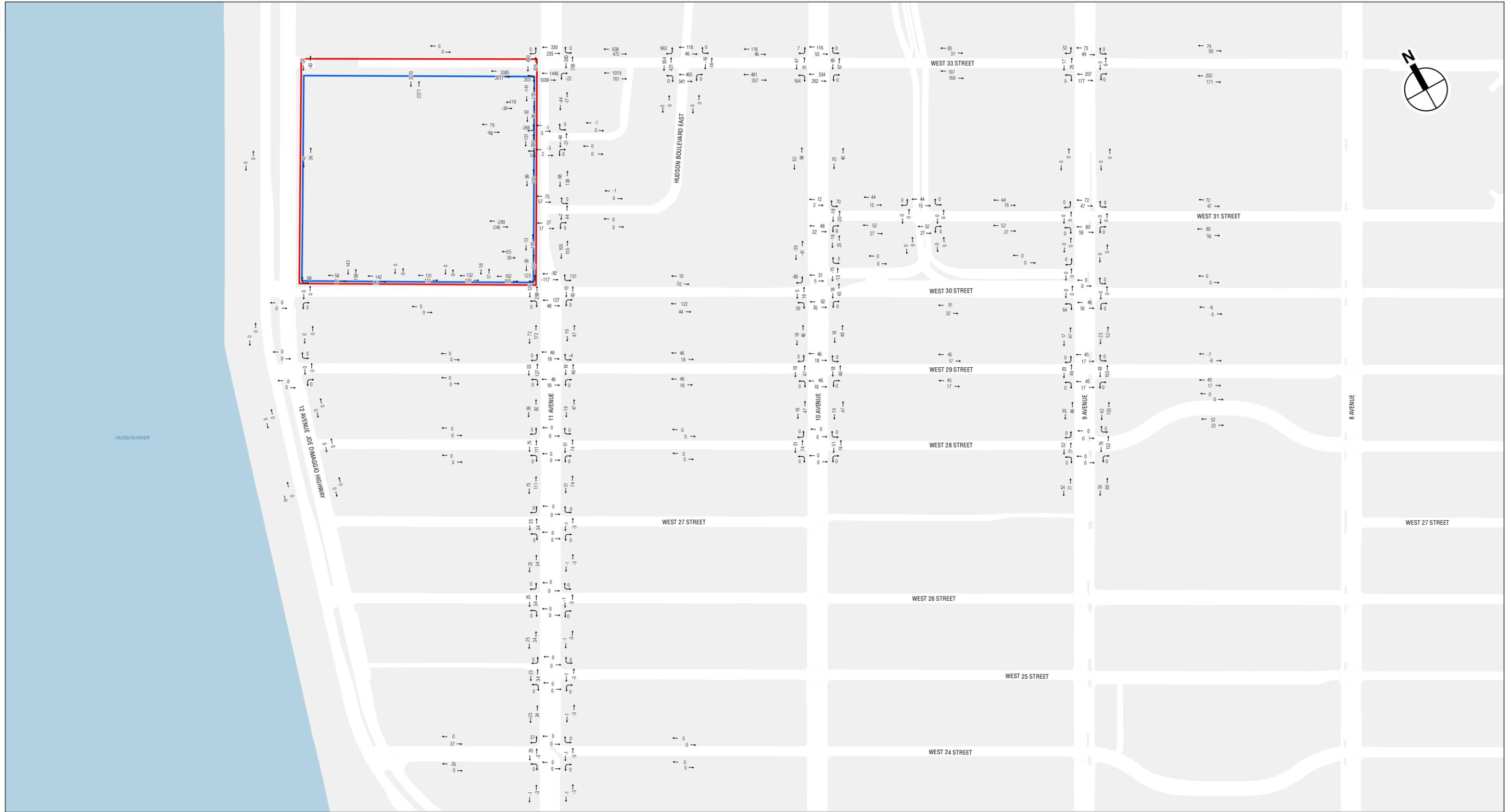
Development Site
 Affected Area

0 300 FEET



 Development Site
 Affected Area



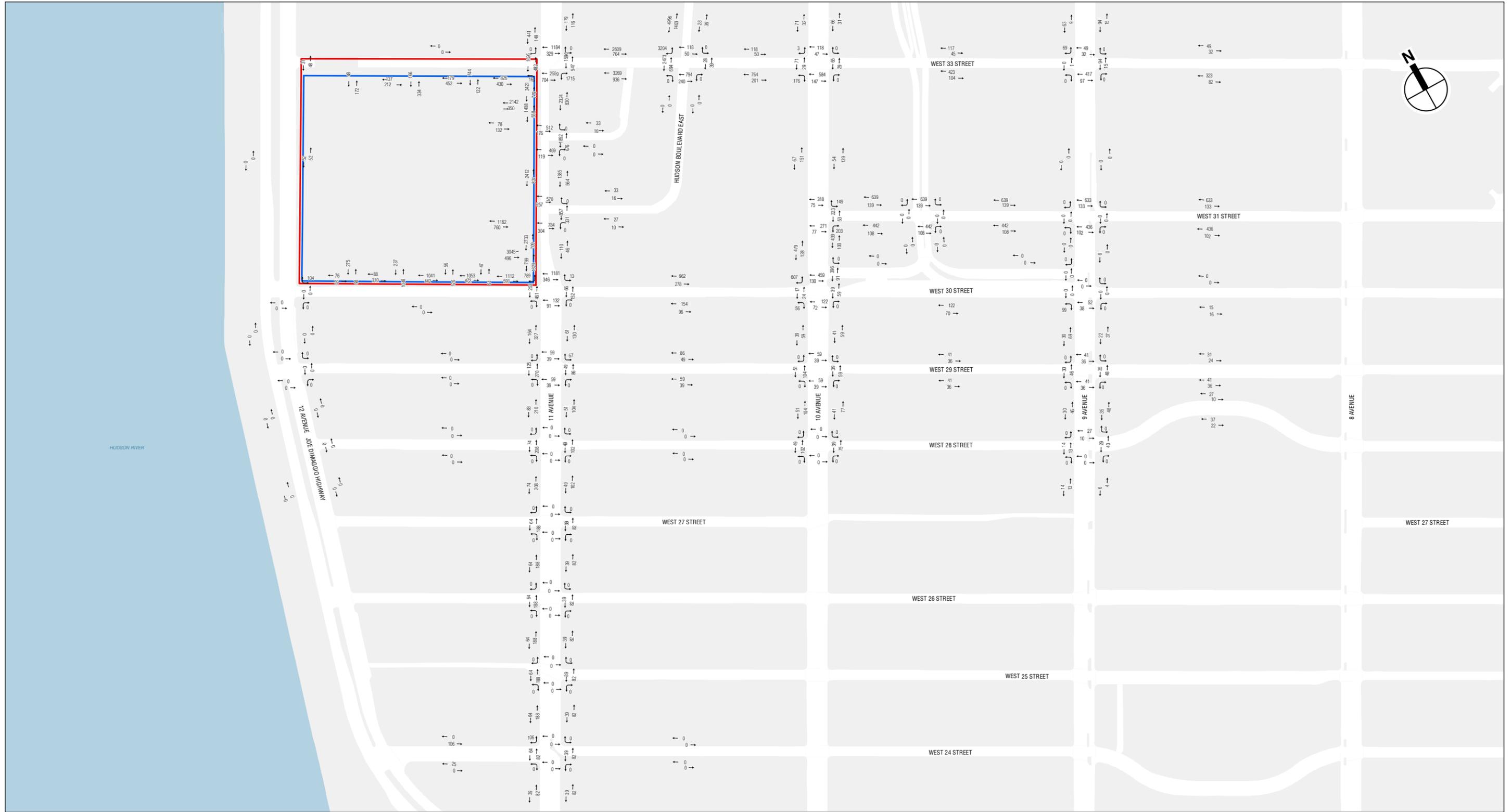


 Development Site
 Affected Area



Proposed Project Incremental Pedestrian Trips
 Saturday Evening Peak Hour
Figure TA-P18a





 Development Site
 Affected Area

0 300 FEET

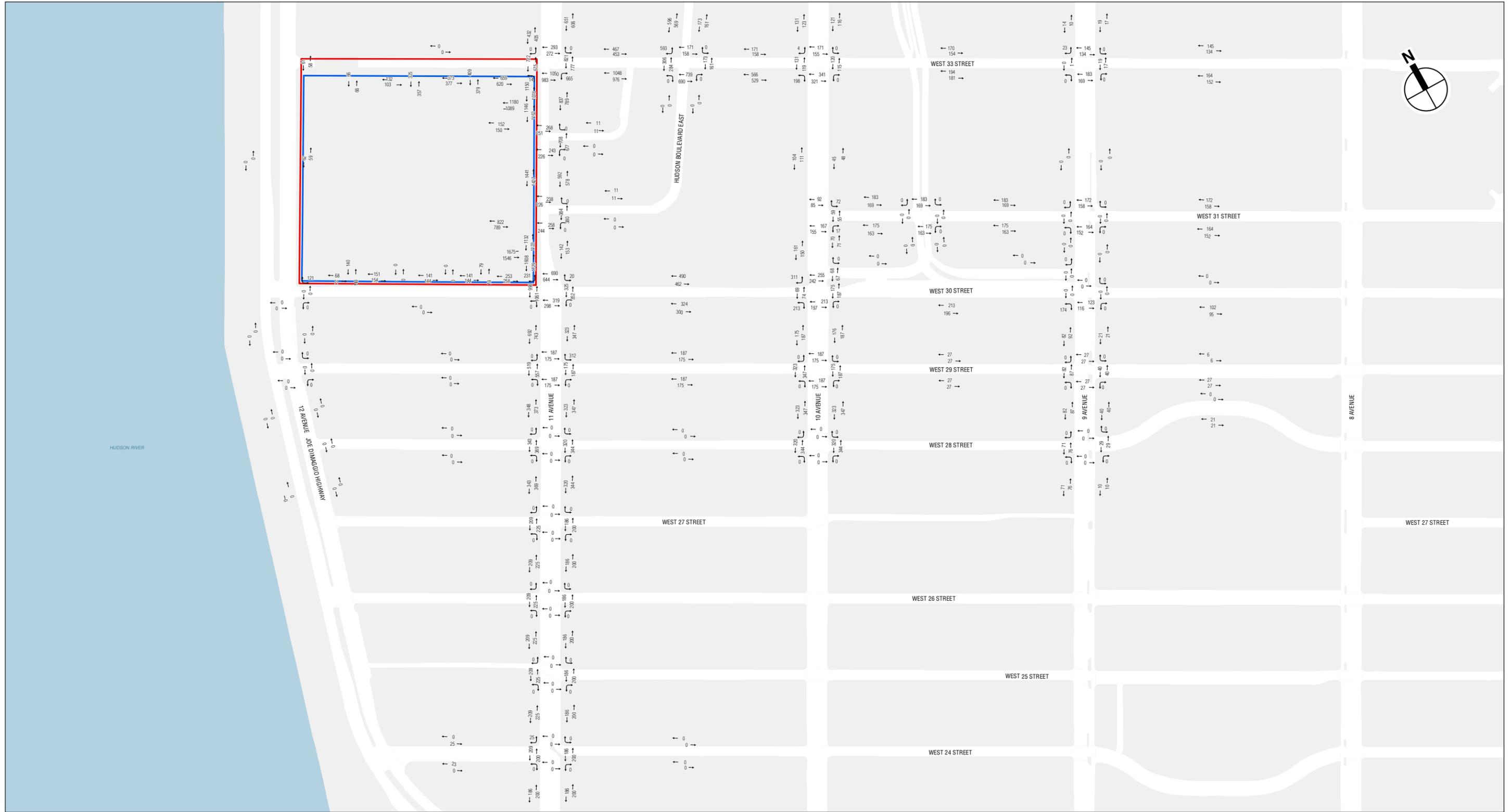
Alternative Scenario Project Generated Pedestrian Trips
 Weekday AM Peak Hour
 Figure TA-P19a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Project Generated Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P19b



 Development Site
 Affected Area

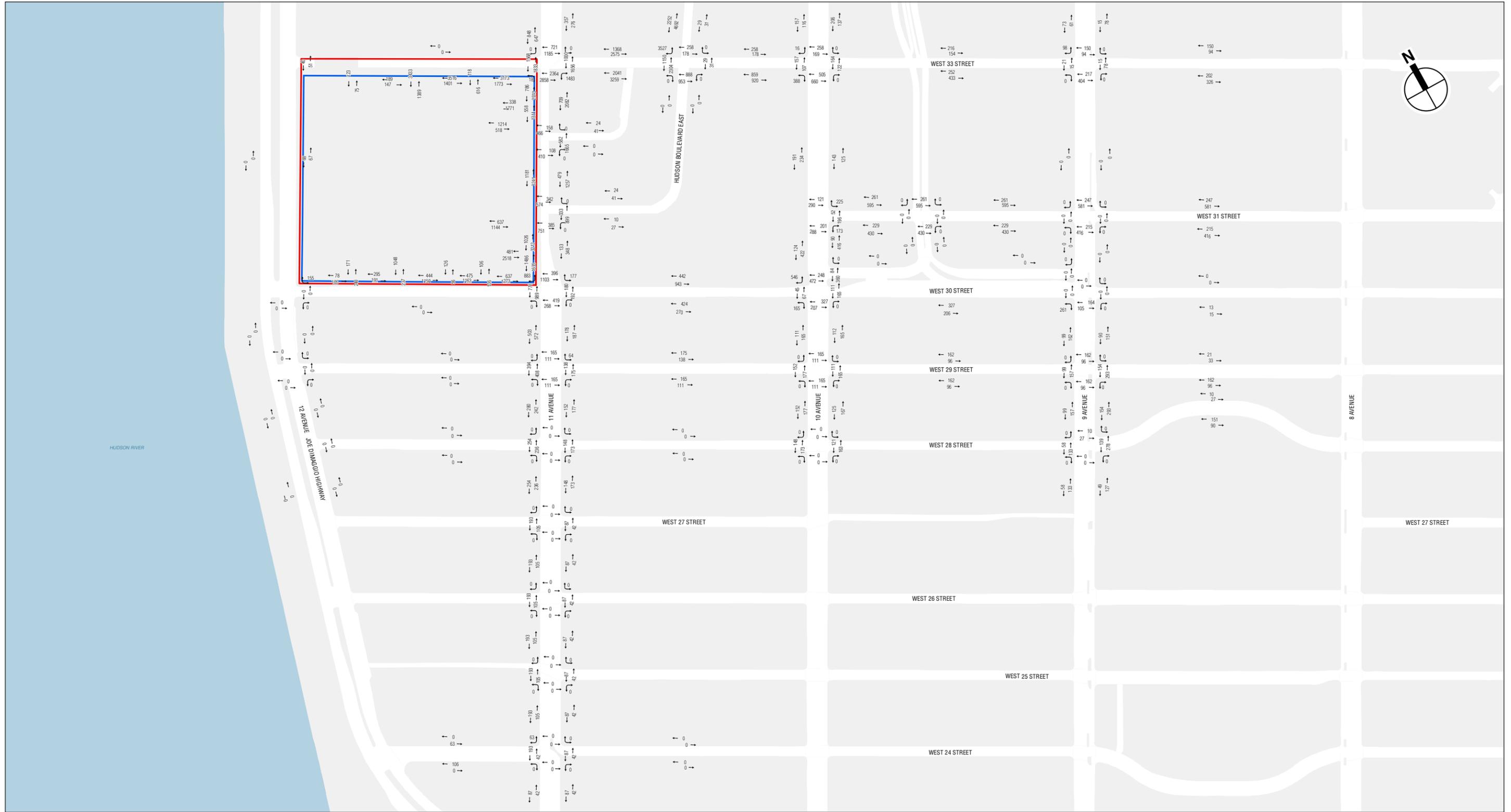
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Development Site
 Affected Area

0 300 FEET

Alternative Scenario Project Generated Pedestrian Trips
 Weekday Midday Peak Hour
Figure TA-P20b



 Development Site
 Affected Area

0 300 FEET



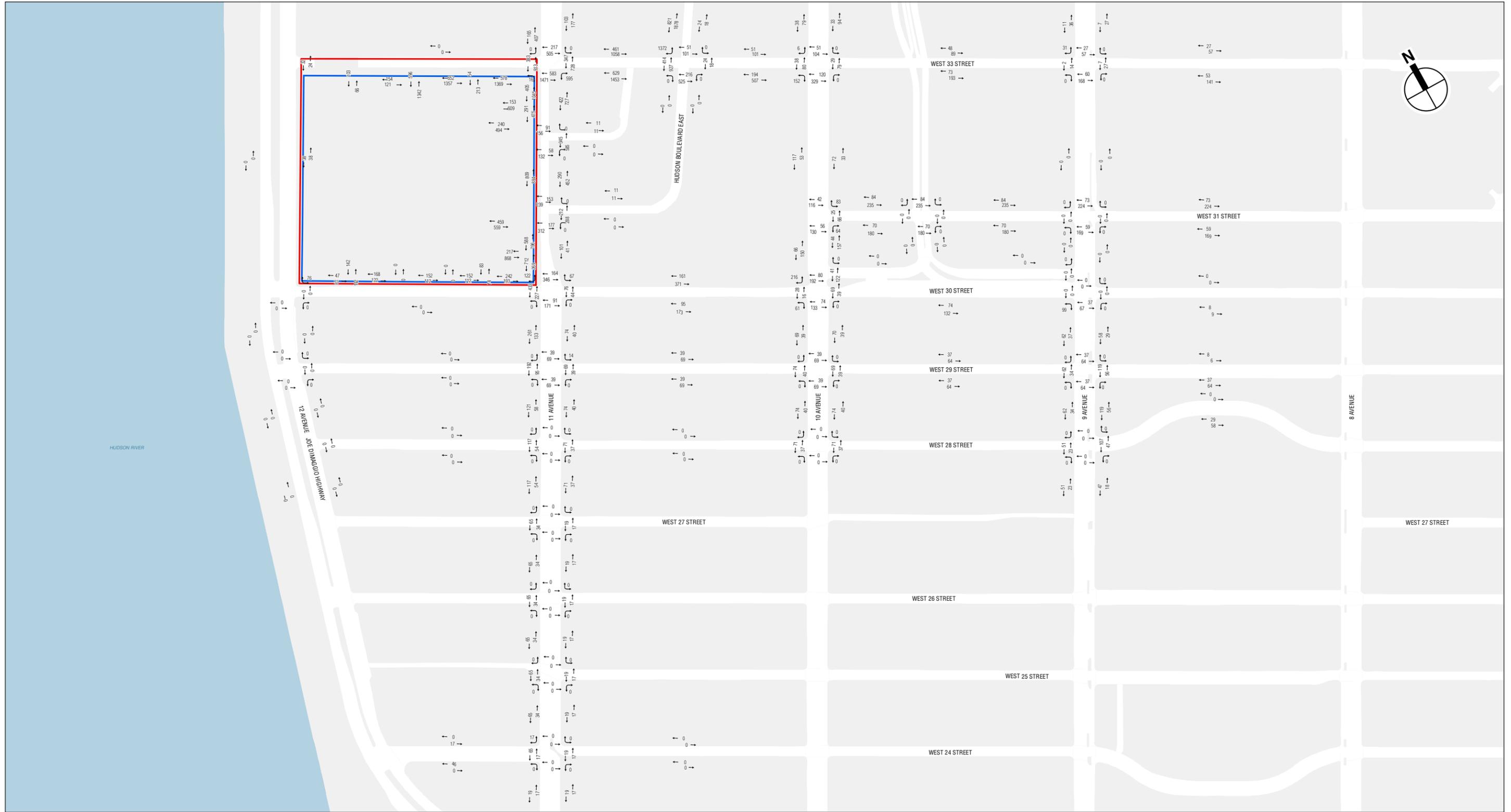
Alternative Scenario Project Generated Pedestrian Trips
 Weekday PM Peak Hour
 Figure TA-P21a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Project Generated Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P21b



 Development Site
 Affected Area

0 300 FEET

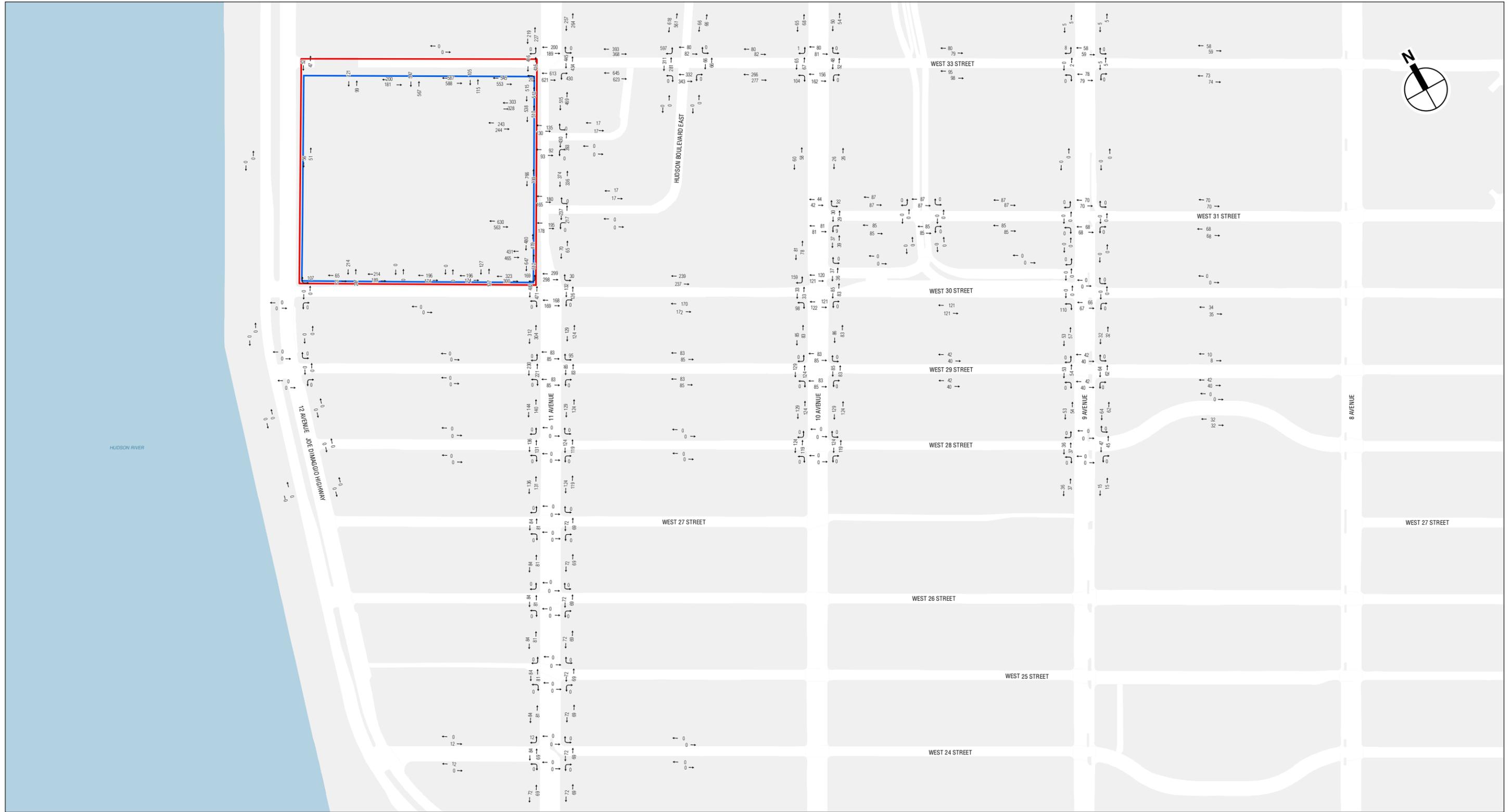
Alternative Scenario Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
 Figure TA-P22a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Project Generated Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P22b



Development Site
 Affected Area

0 300 FEET

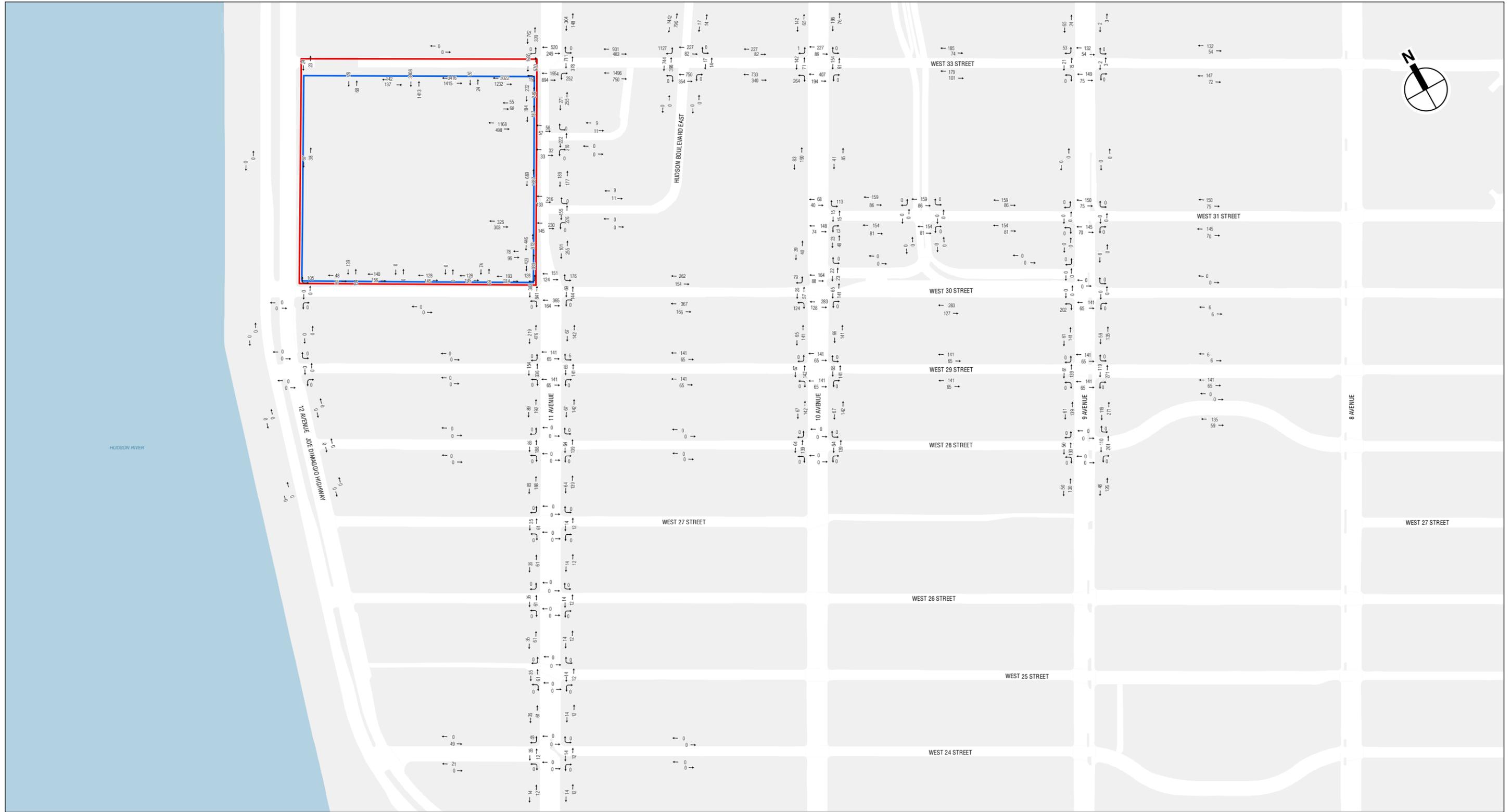
Alternative Scenario Project Generated Pedestrian Trips
 Saturday Midday/Afternoon Peak Hour
 Figure TA-P23a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Project Generated Pedestrian Trips
 Saturday Midday/Afternoon Peak Hour



 Development Site
 Affected Area

0 300 FEET

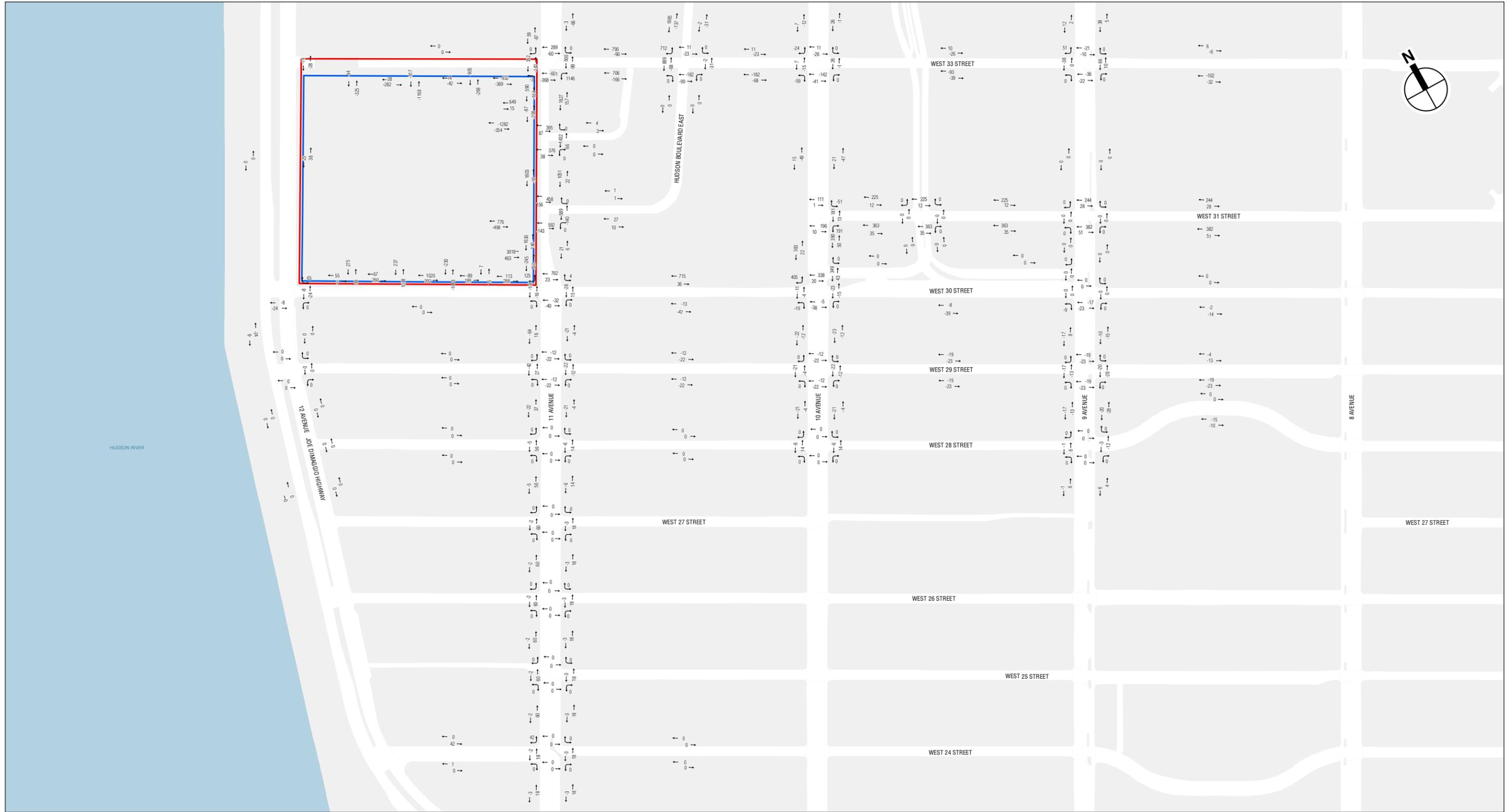
Alternative Scenario Project Generated Pedestrian Trips
 Saturday Evening Peak Hour
Figure TA-P24a



Development Site
 Affected Area

0 300 FEET

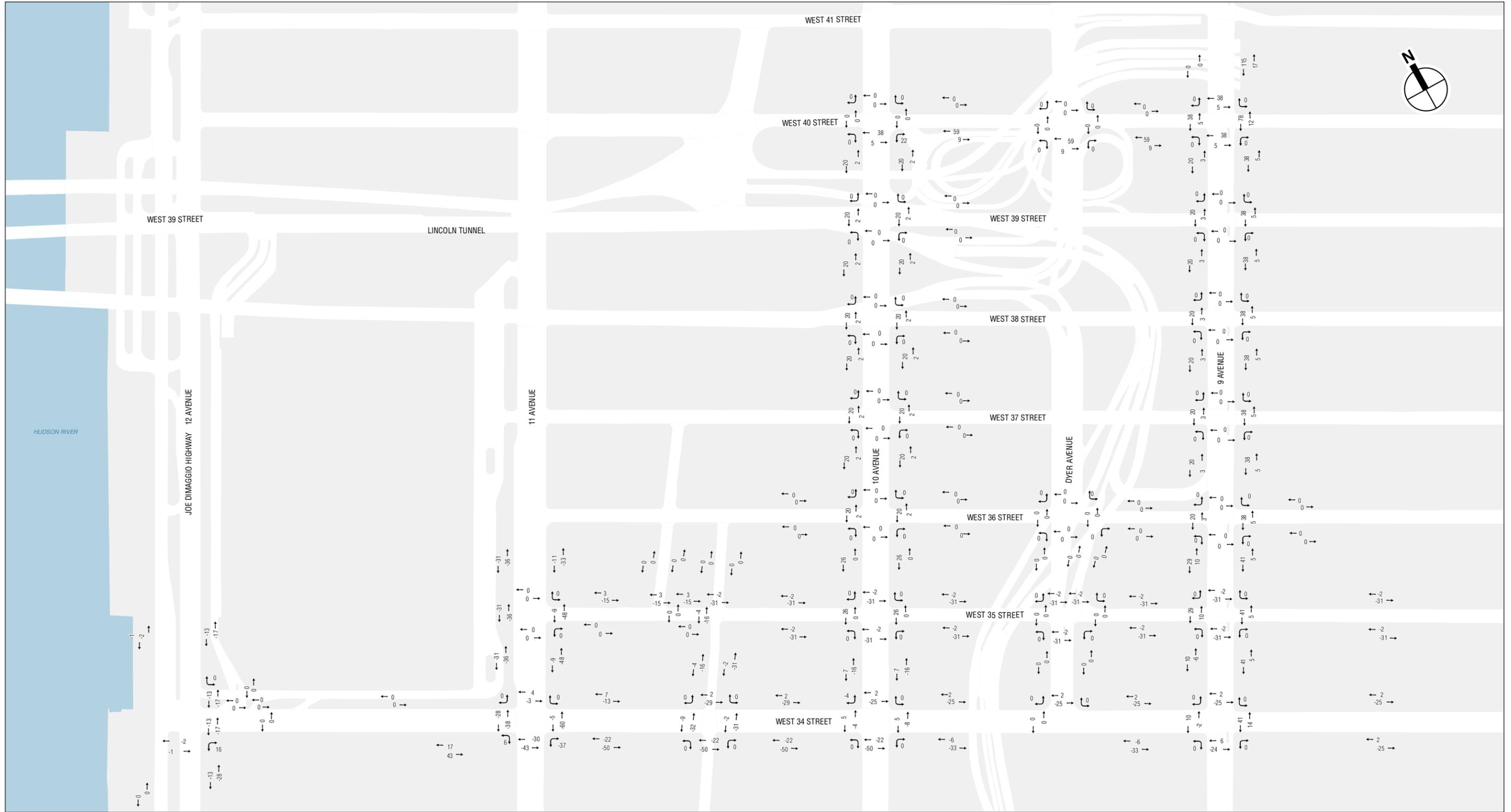
Alternative Scenario Project Generated Pedestrian Trips
 Saturday Evening Peak Hour
Figure TA-P24b



 Development Site
 Affected Area

0 300 FEET

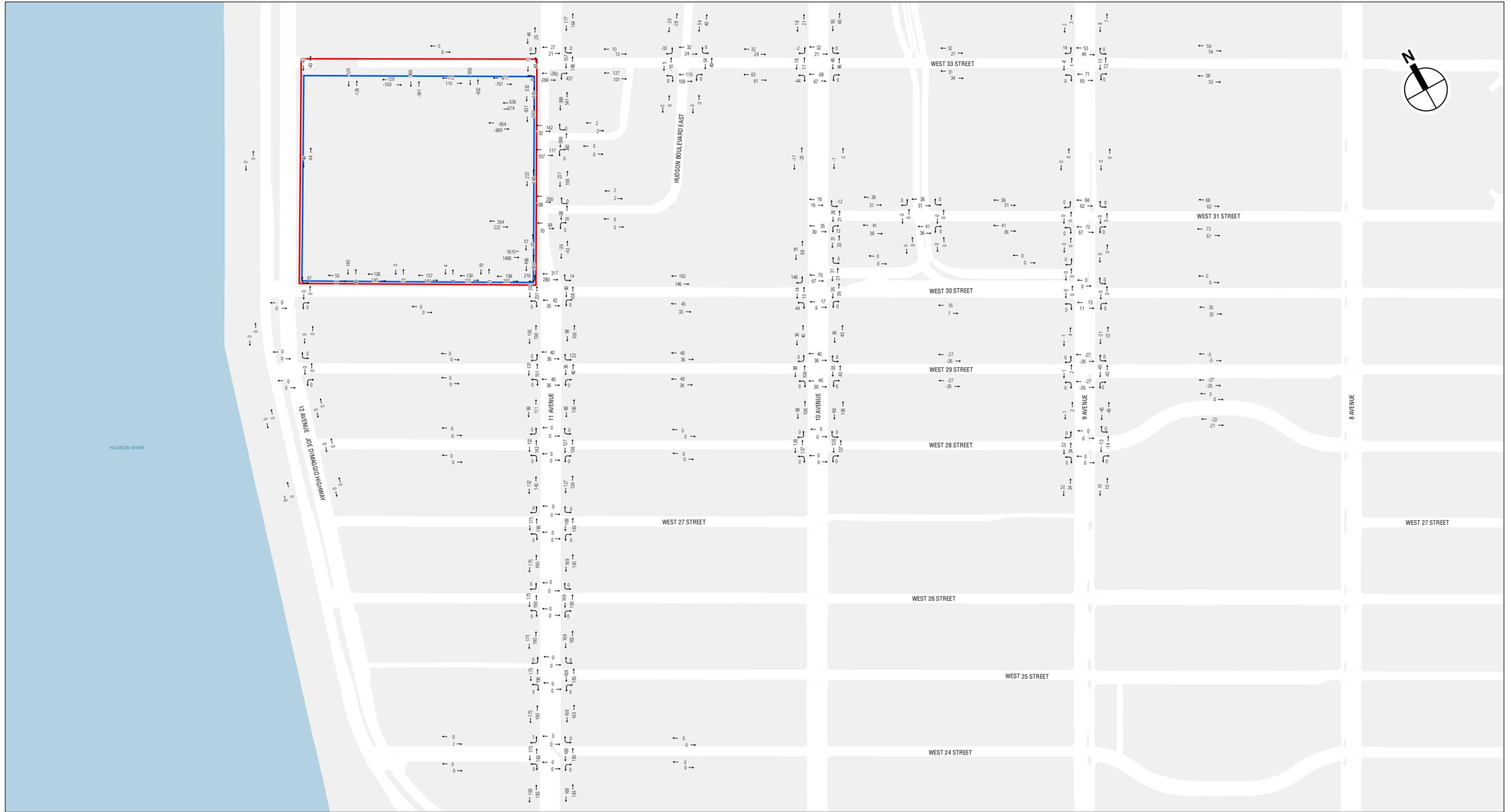
Alternative Scenario Incremental Pedestrian Trips
 Weekday AM Peak Hour
 Figure TA-P25a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Incremental Pedestrian Trips
 Weekday AM Peak Hour
Figure TA-P25b



 Development Site
 Affected Area

0 300 FEET

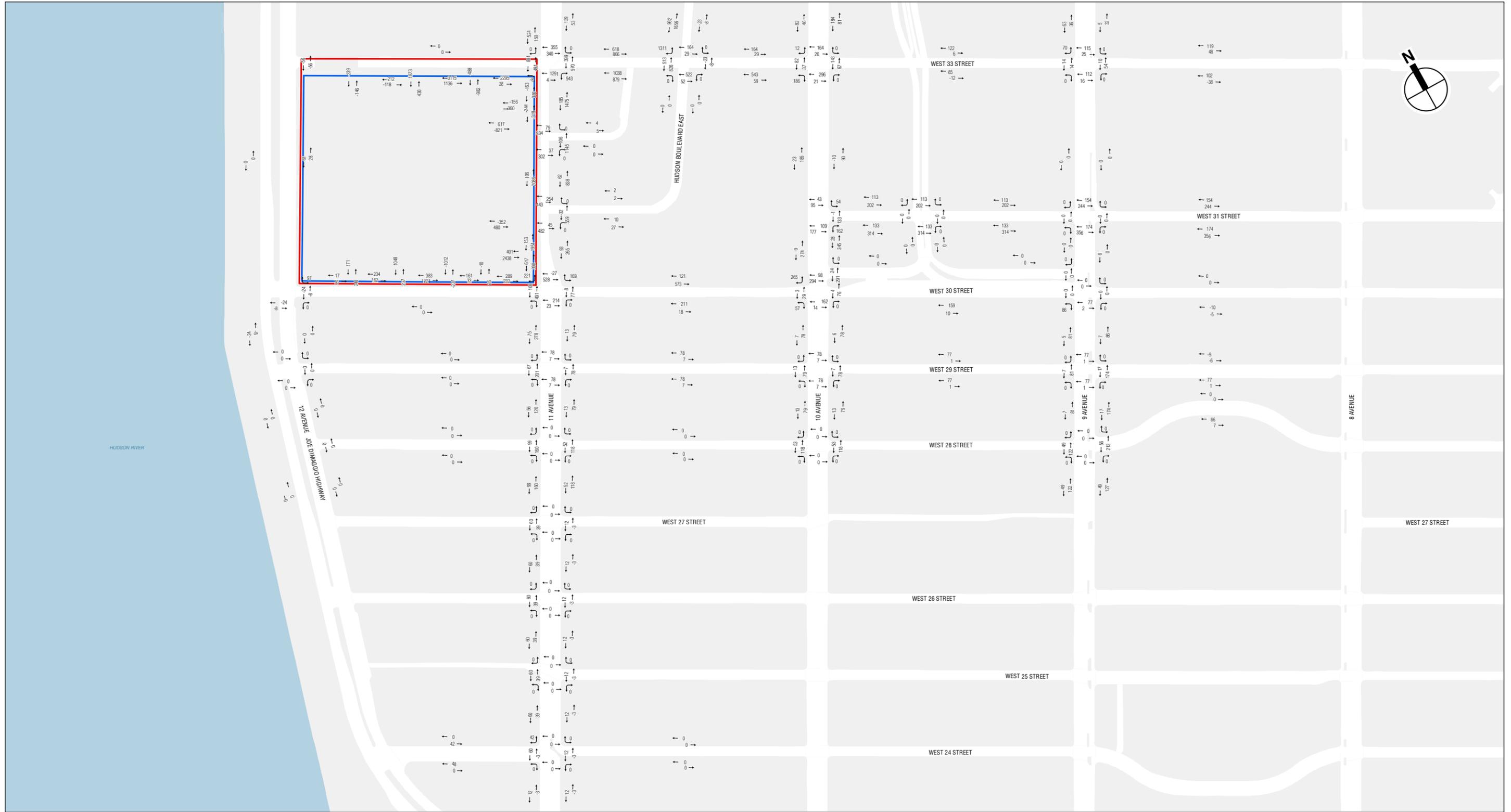
Alternative Scenario Incremental Pedestrian Trips
 Weekday Midday Peak Hour
 Figure TA-P26a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Incremental Pedestrian Trips
 Weekday Midday Peak Hour



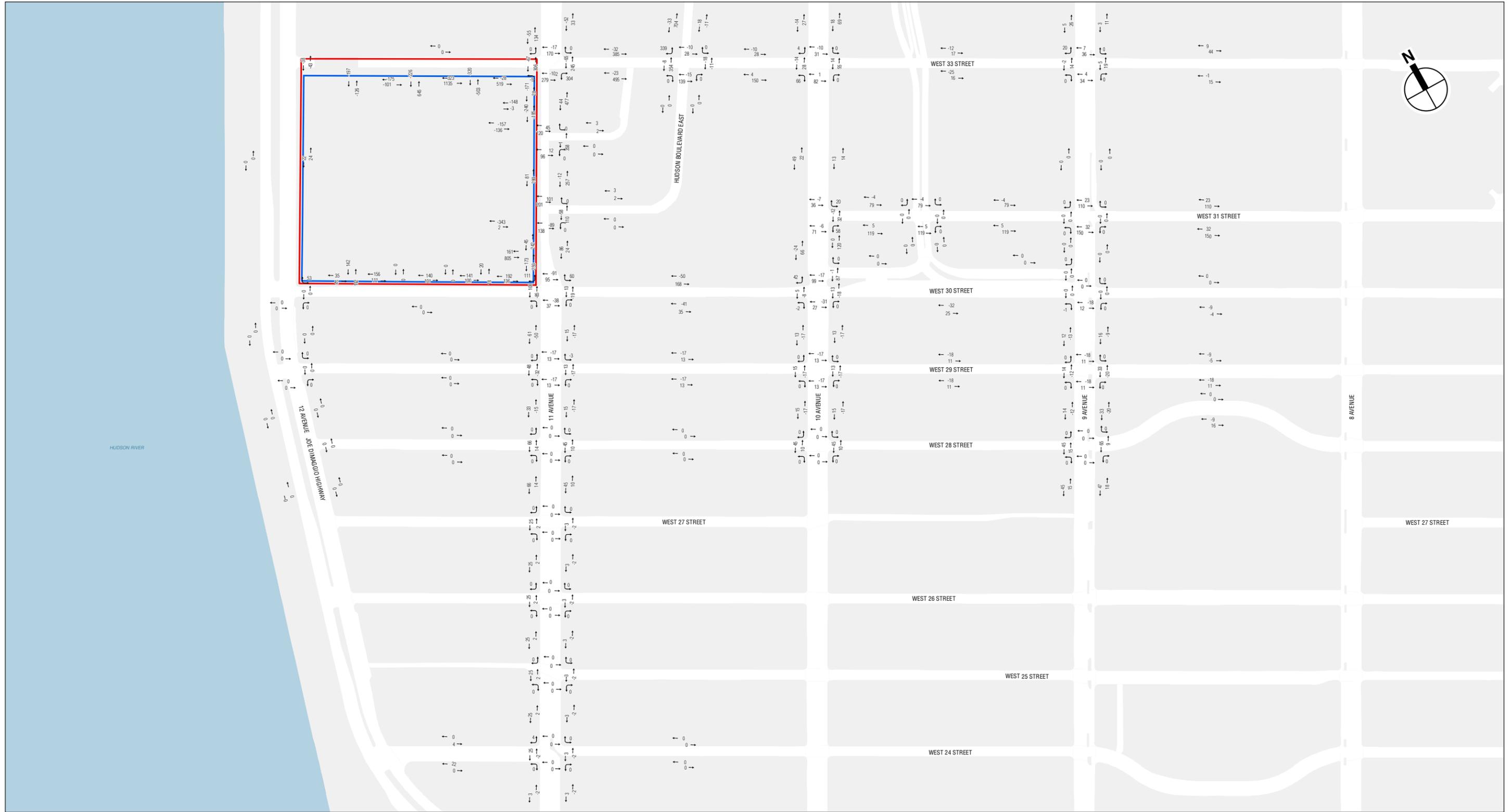
Alternative Scenario Incremental Pedestrian Trips
 Weekday PM Peak Hour
 Figure TA-P27a



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Incremental Pedestrian Trips
 Weekday PM Peak Hour
Figure TA-P27b



 Development Site
 Affected Area

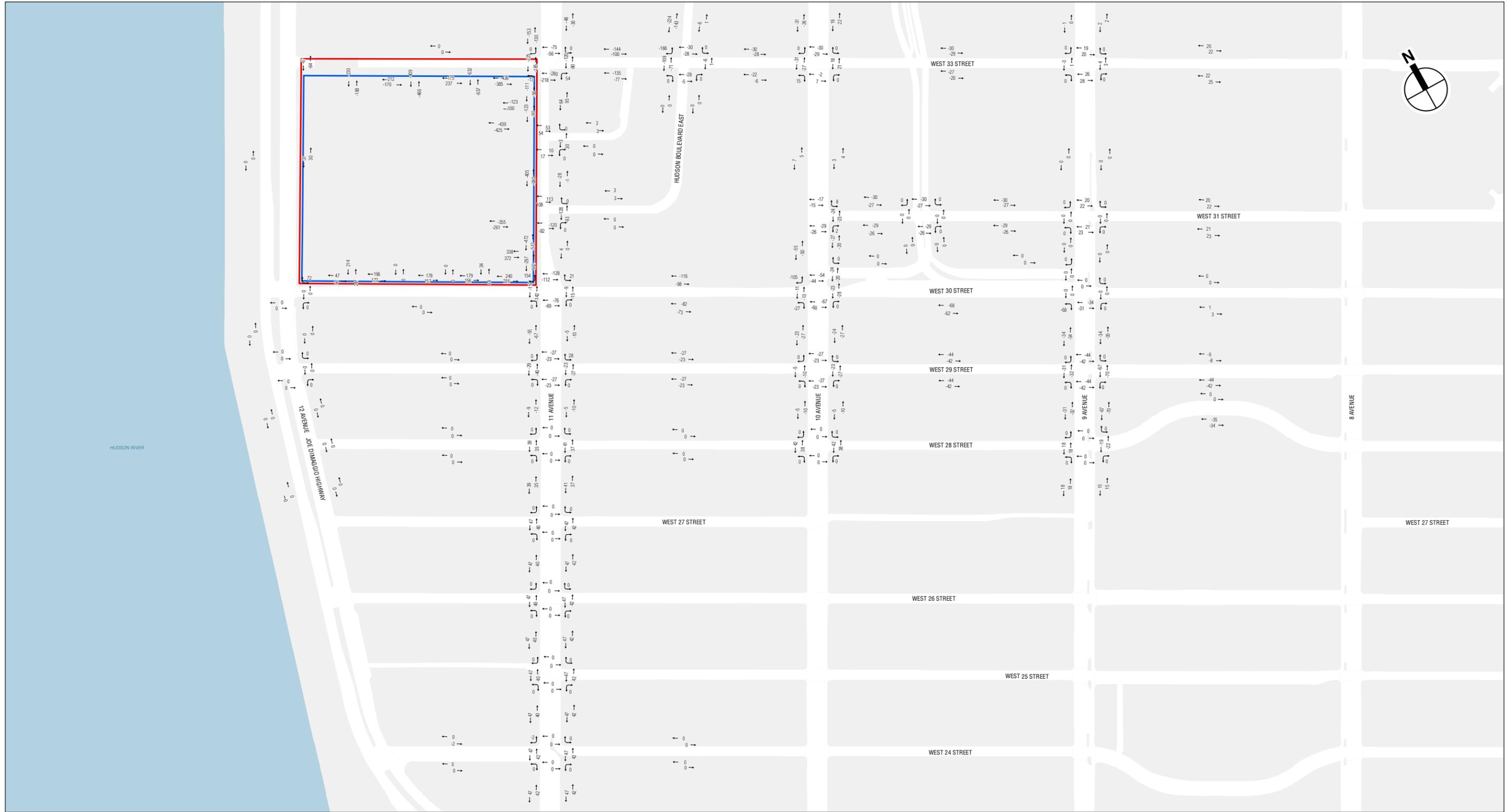
0 300 FEET



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Incremental Pedestrian Trips
 Weekday Evening Peak Hour
Figure TA-P28b



 Development Site
 Affected Area

0 300 FEET

Alternative Scenario Incremental Pedestrian Trips
 Saturday Midday/Afternoon Peak Hour
 Figure TA-P29a

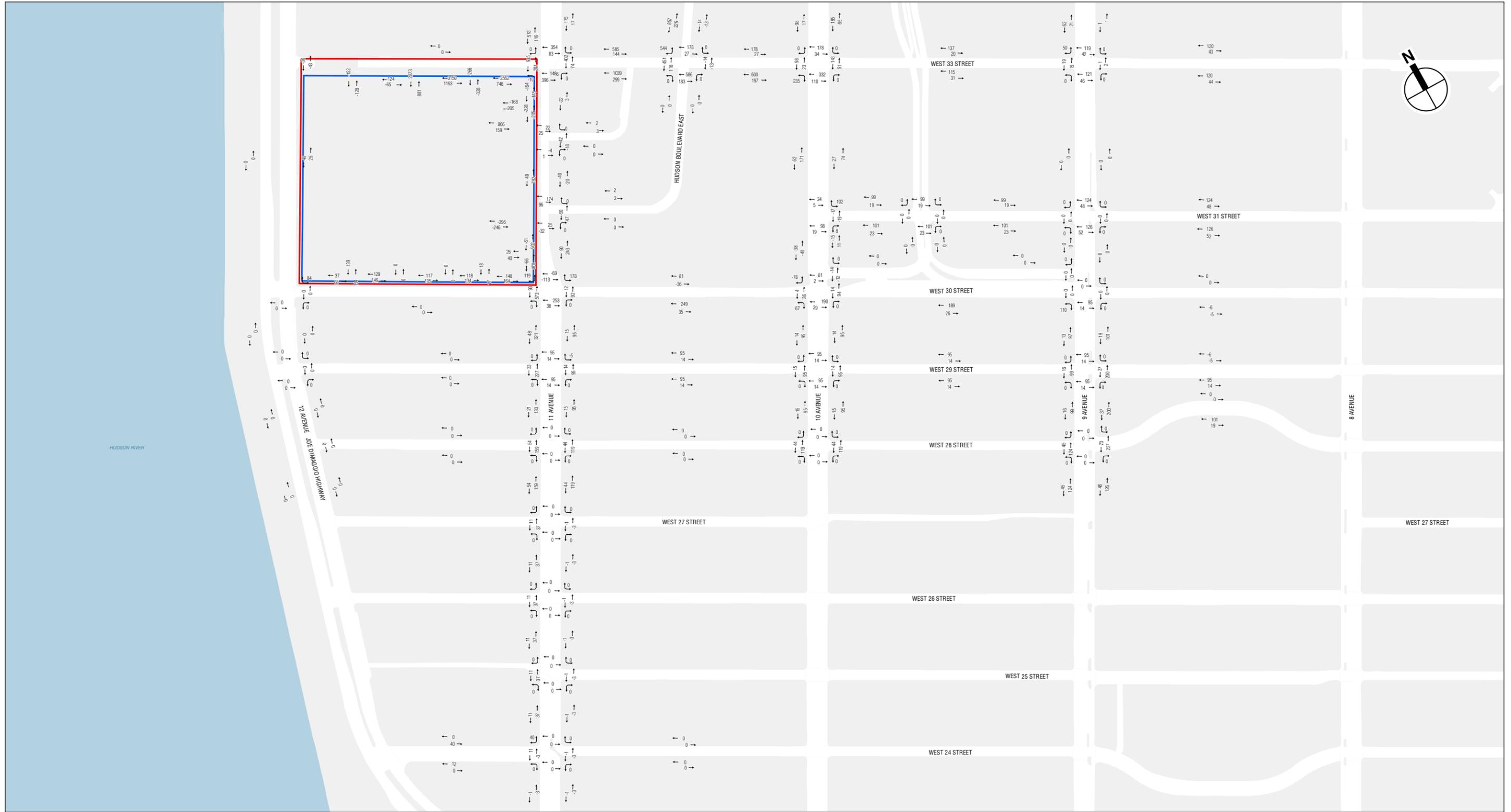


 Development Site
 Affected Area

0 300 FEET



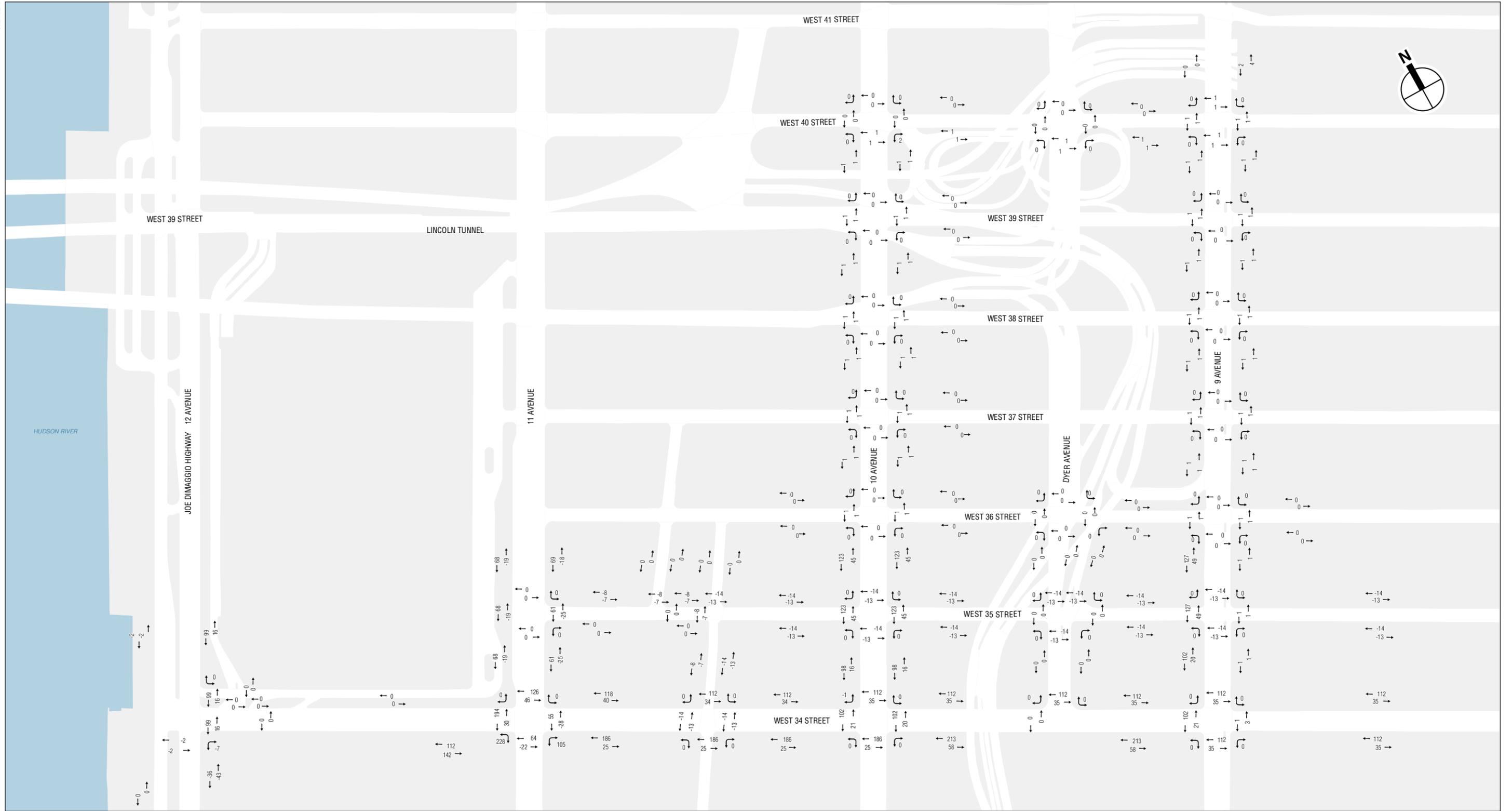
Alternative Scenario Incremental Pedestrian Trips
 Saturday Midday/Afternoon Peak Hour



 Development Site
 Affected Area

0 300 FEET

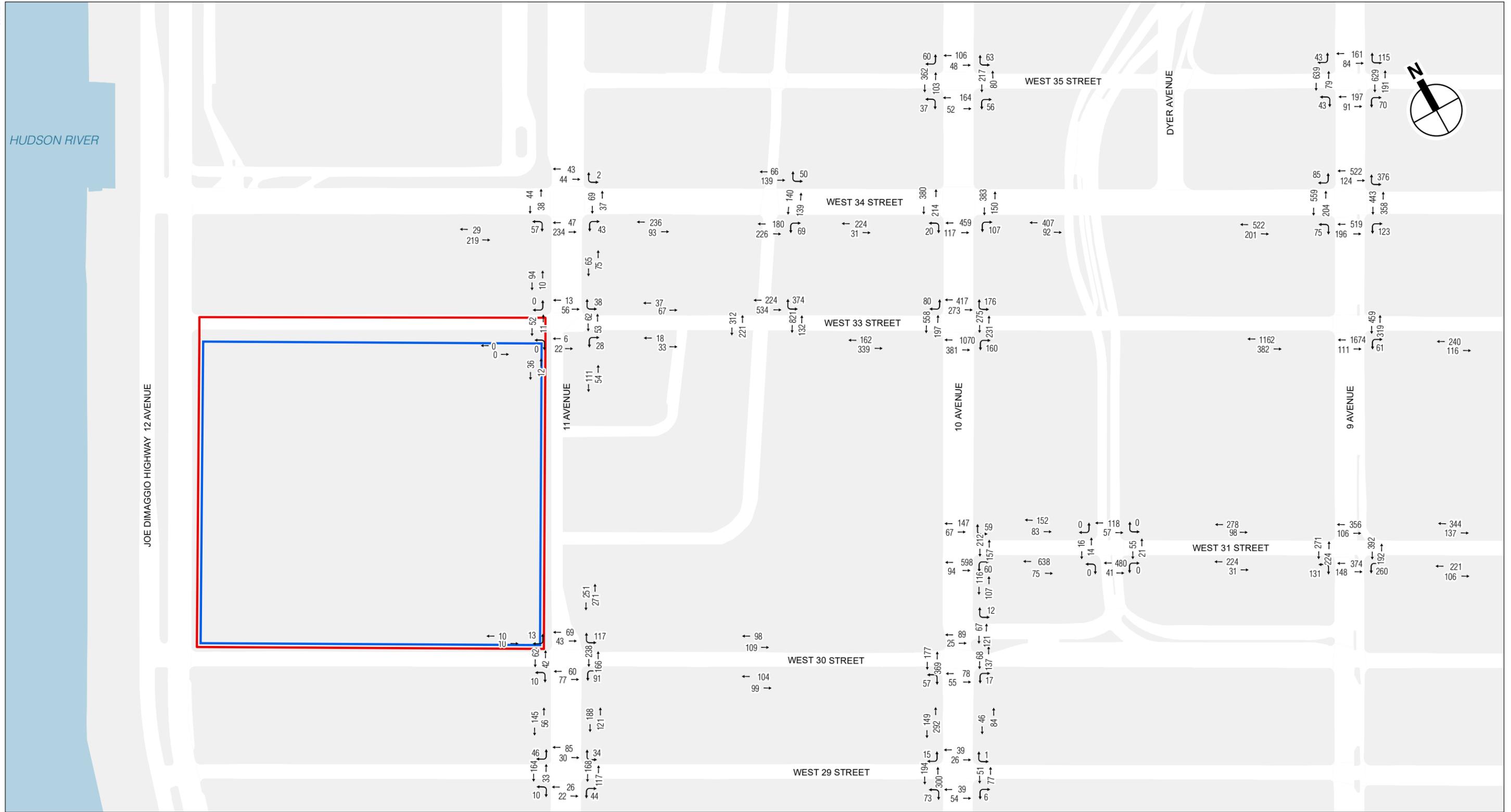
Alternative Scenario Incremental Pedestrian Trips
 Saturday Evening Peak Hour
 Figure TA-P30a



 Development Site
 Affected Area

0 300 FEET

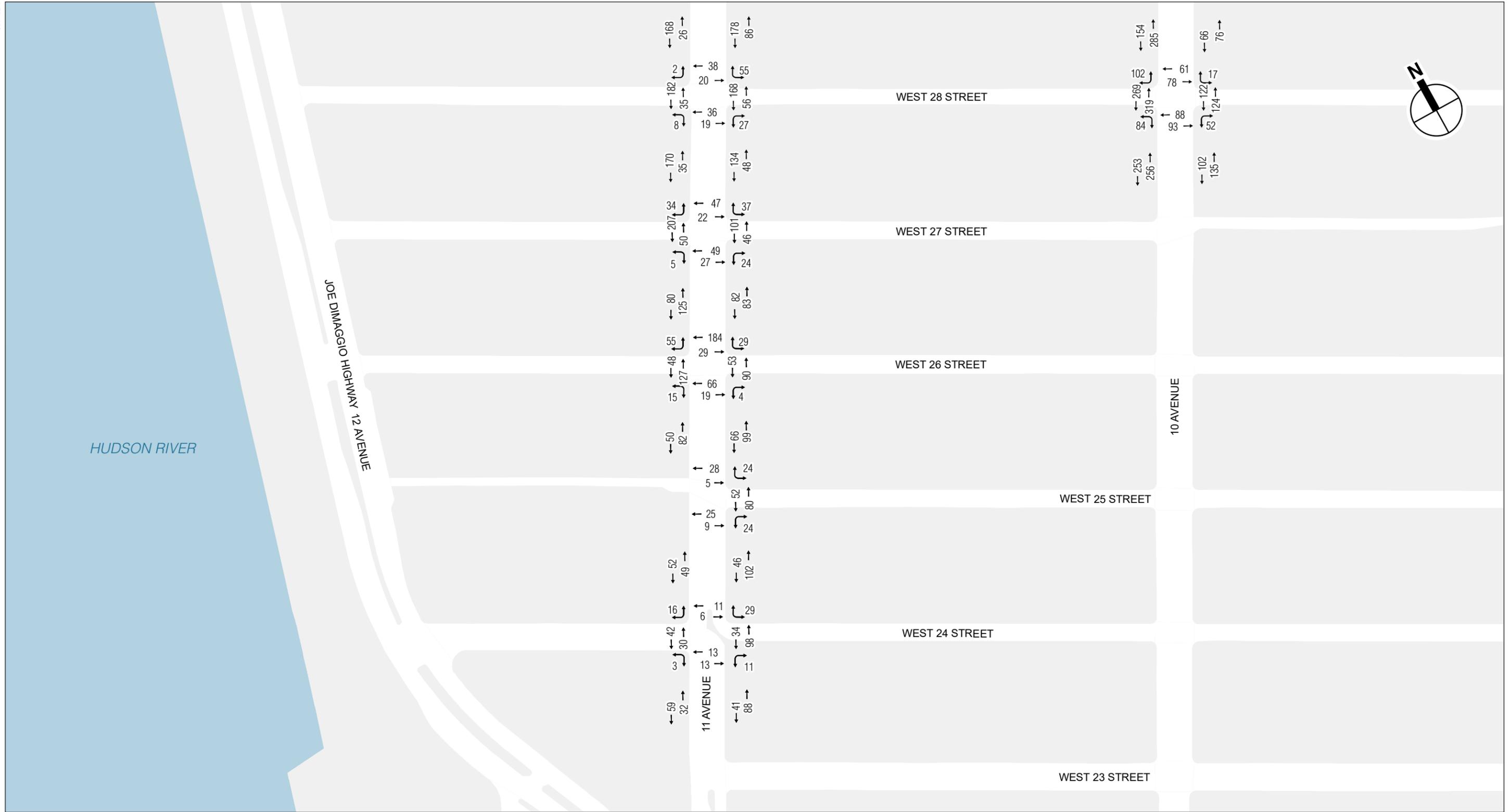
Alternative Scenario Incremental Pedestrian Trips
 Saturday Evening Peak Hour
Figure TA-P30b



 Development Site
 Affected Area

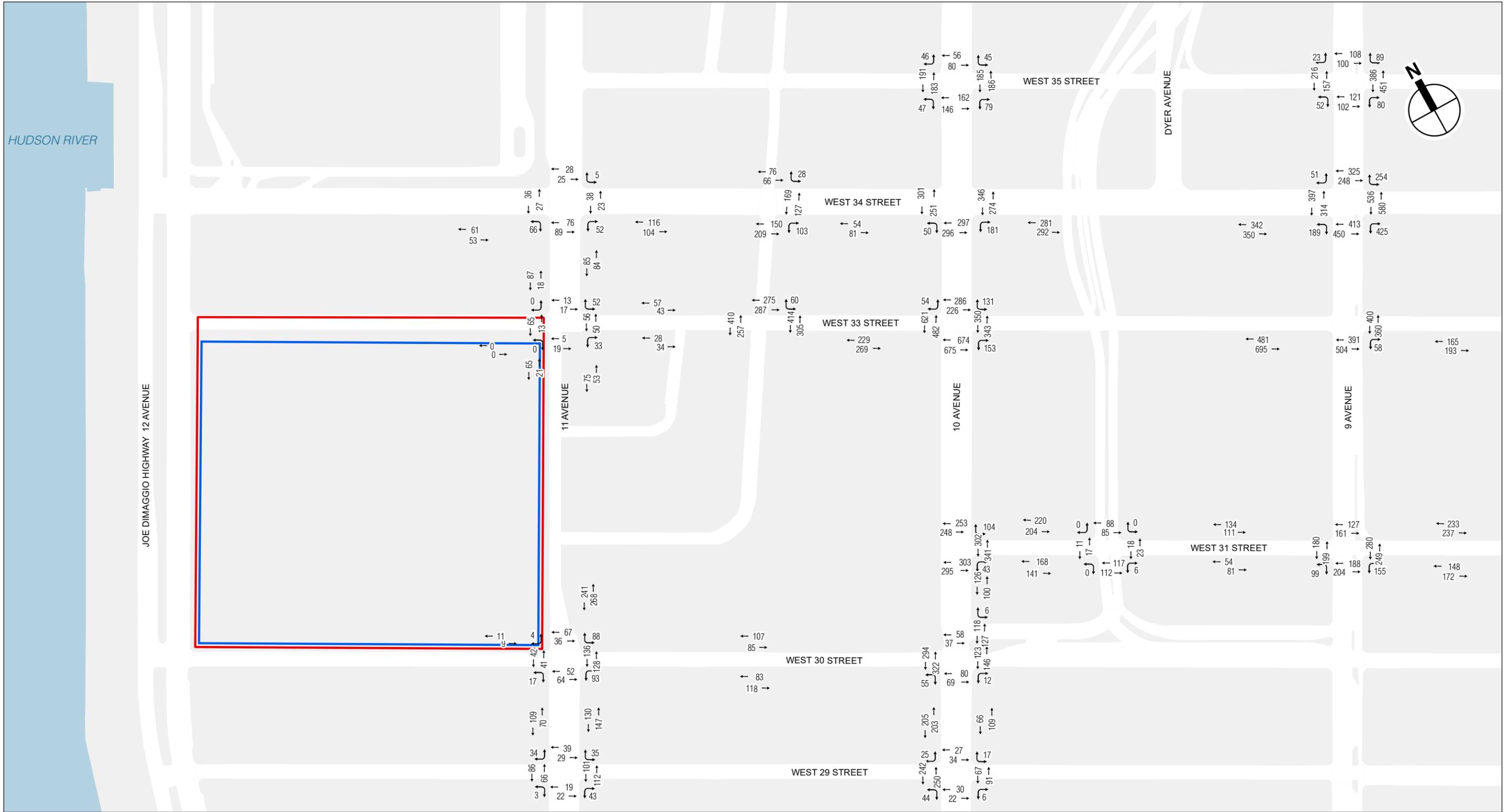


Existing Pedestrian Volumes
 Weekday AM Peak Hour
Figure TA-P31a



 Development Site
 Affected Area

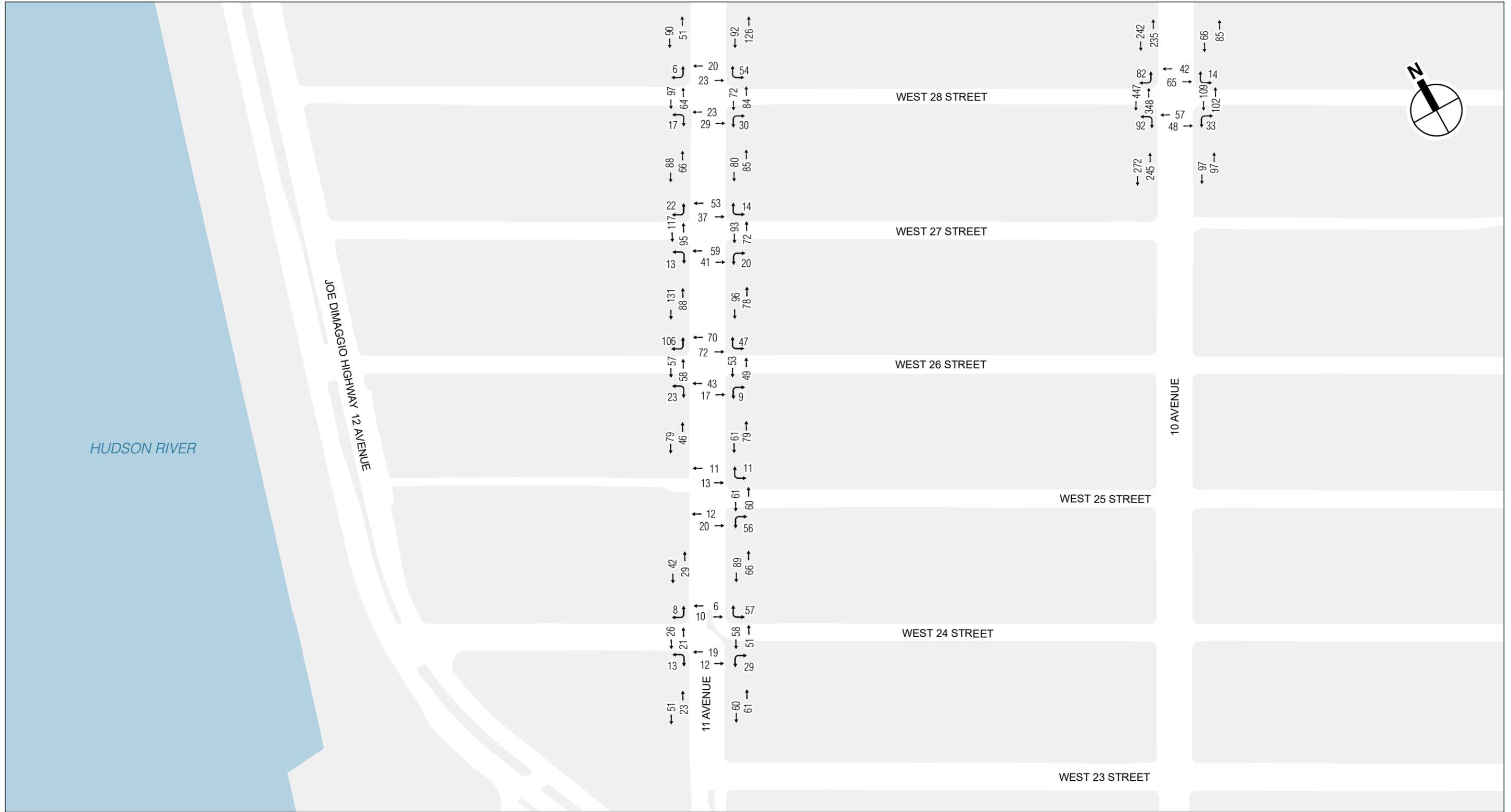
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 Development Site
 Affected Area



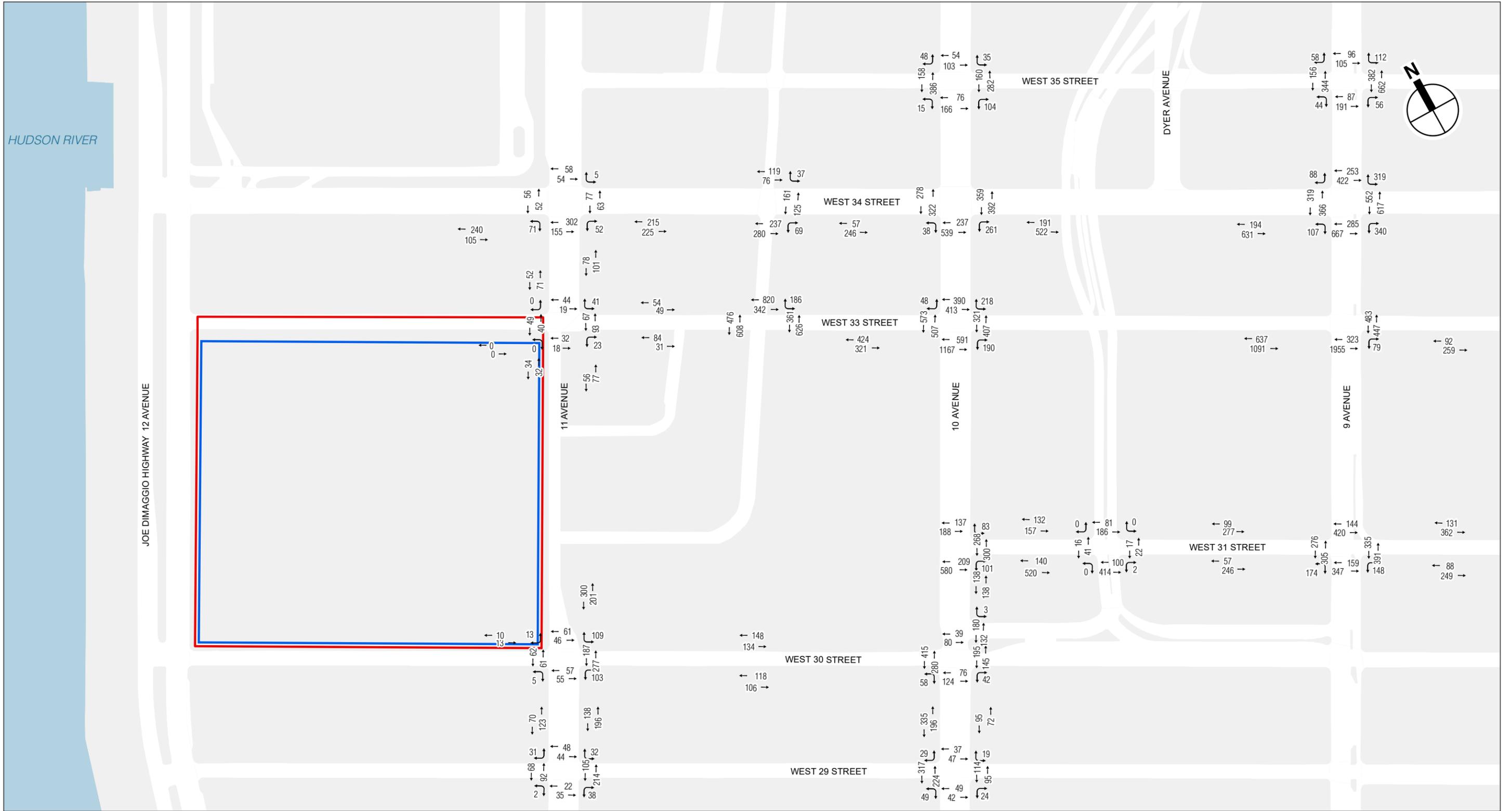
Existing Pedestrian Volumes
 Weekday Midday Peak Hour
Figure TA-P32a



Development Site
Affected Area



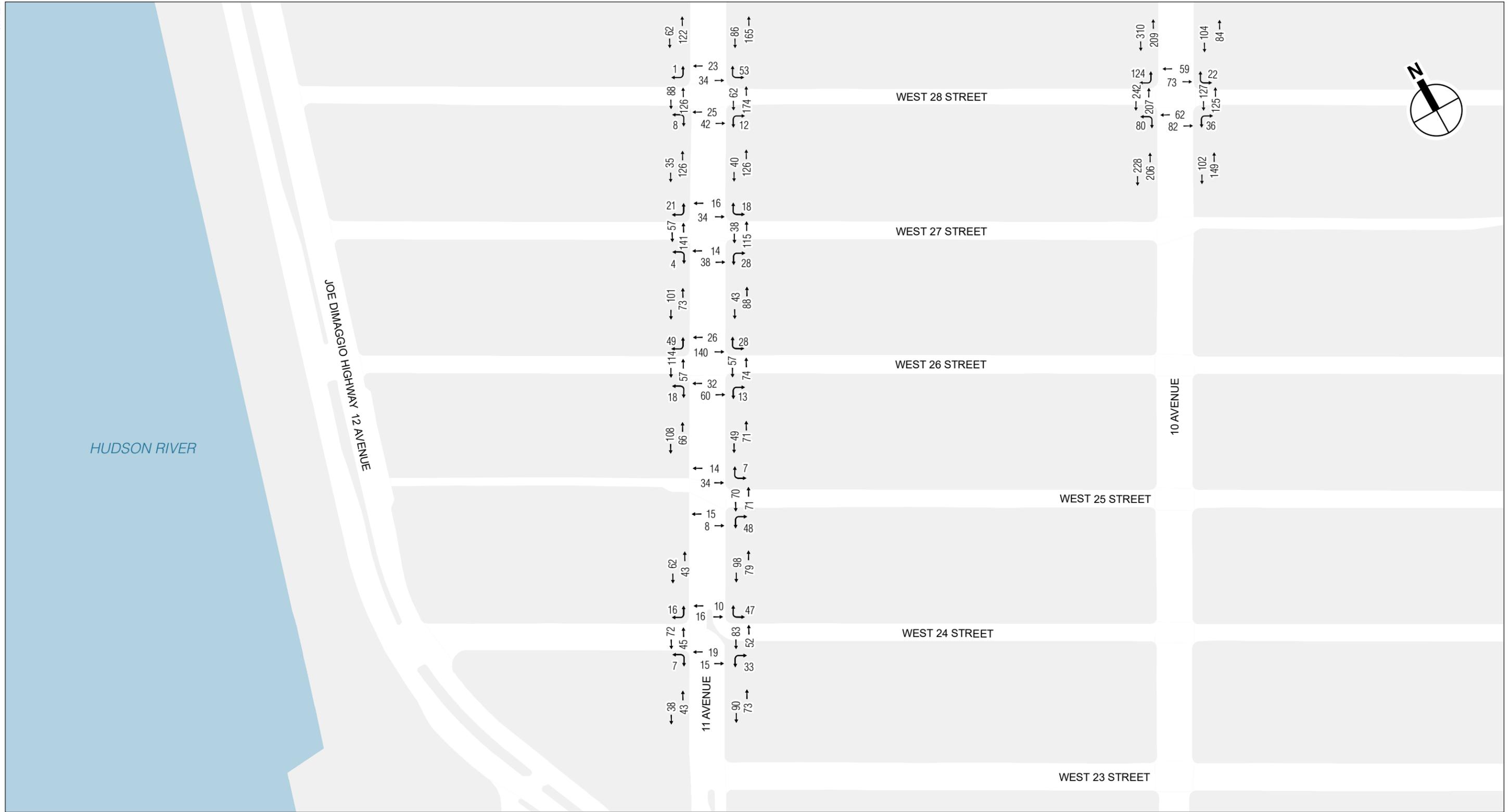
Existing Pedestrian Volumes
Weekday Midday Peak Hour
Figure TA-P32b



 Development Site
 Affected Area

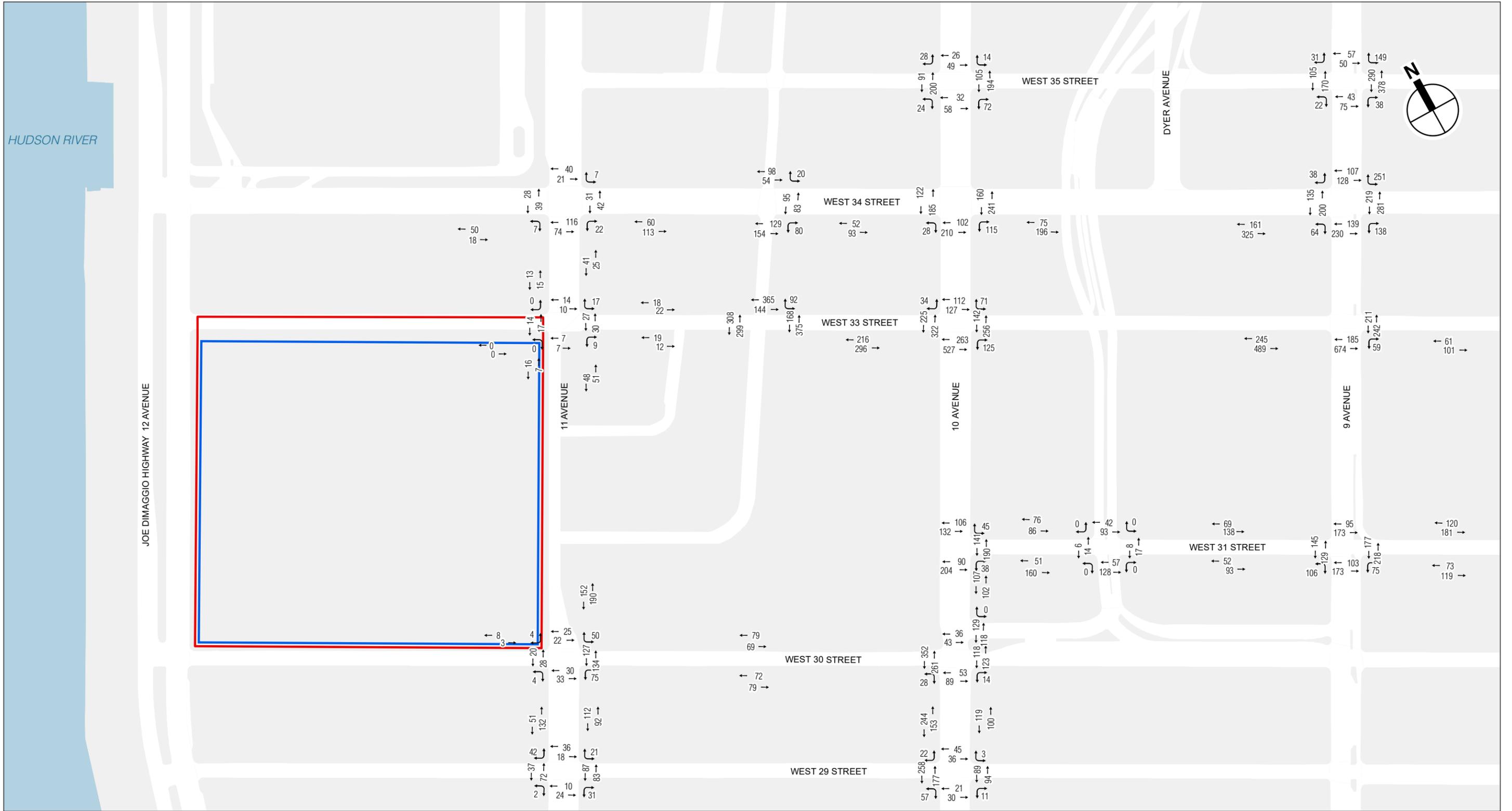


Existing Pedestrian Volumes
 Weekday PM Peak Hour
Figure TA-P33a



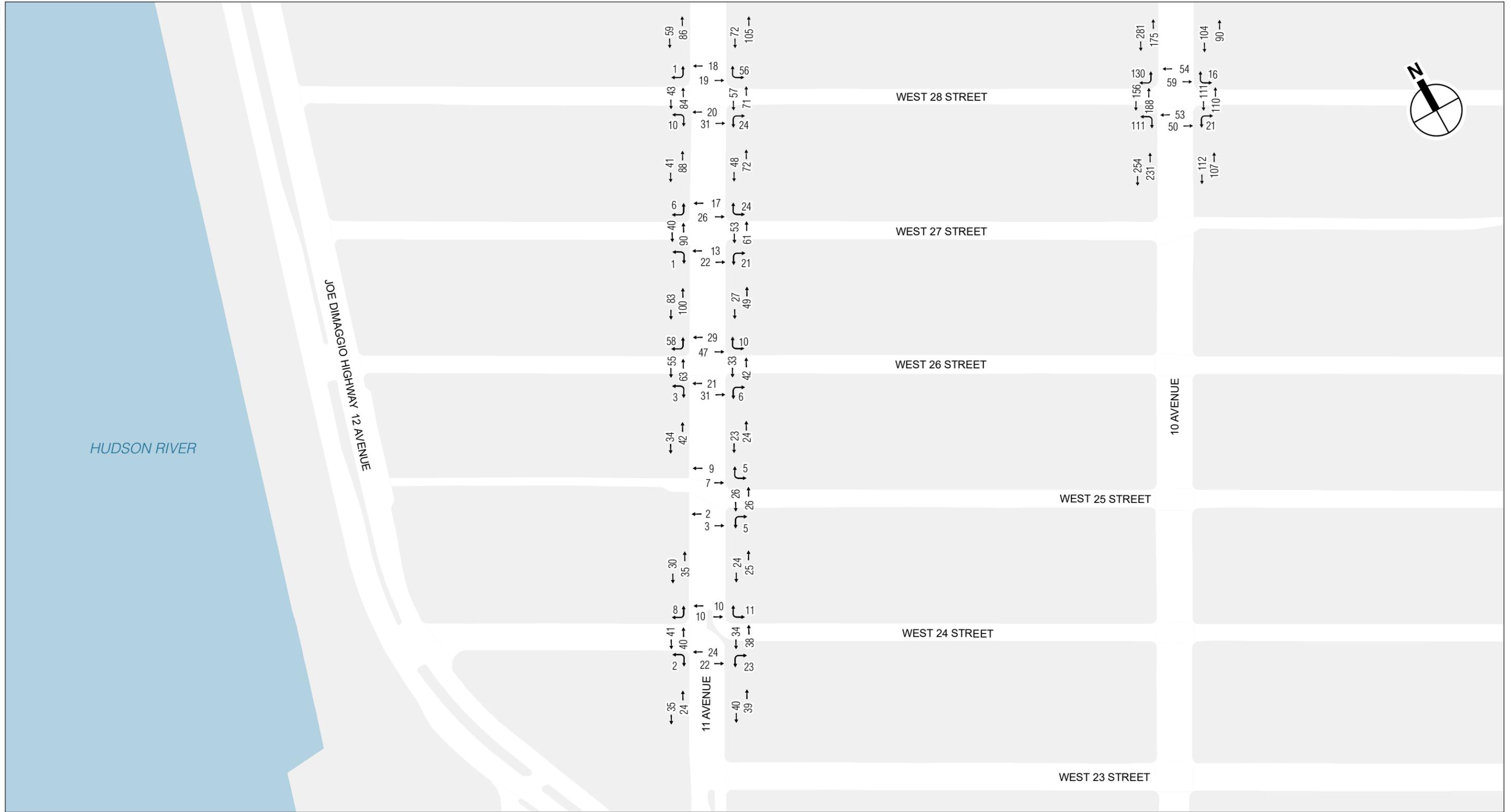
 Development Site
 Affected Area

0 600 FEET



Development Site
 Affected Area

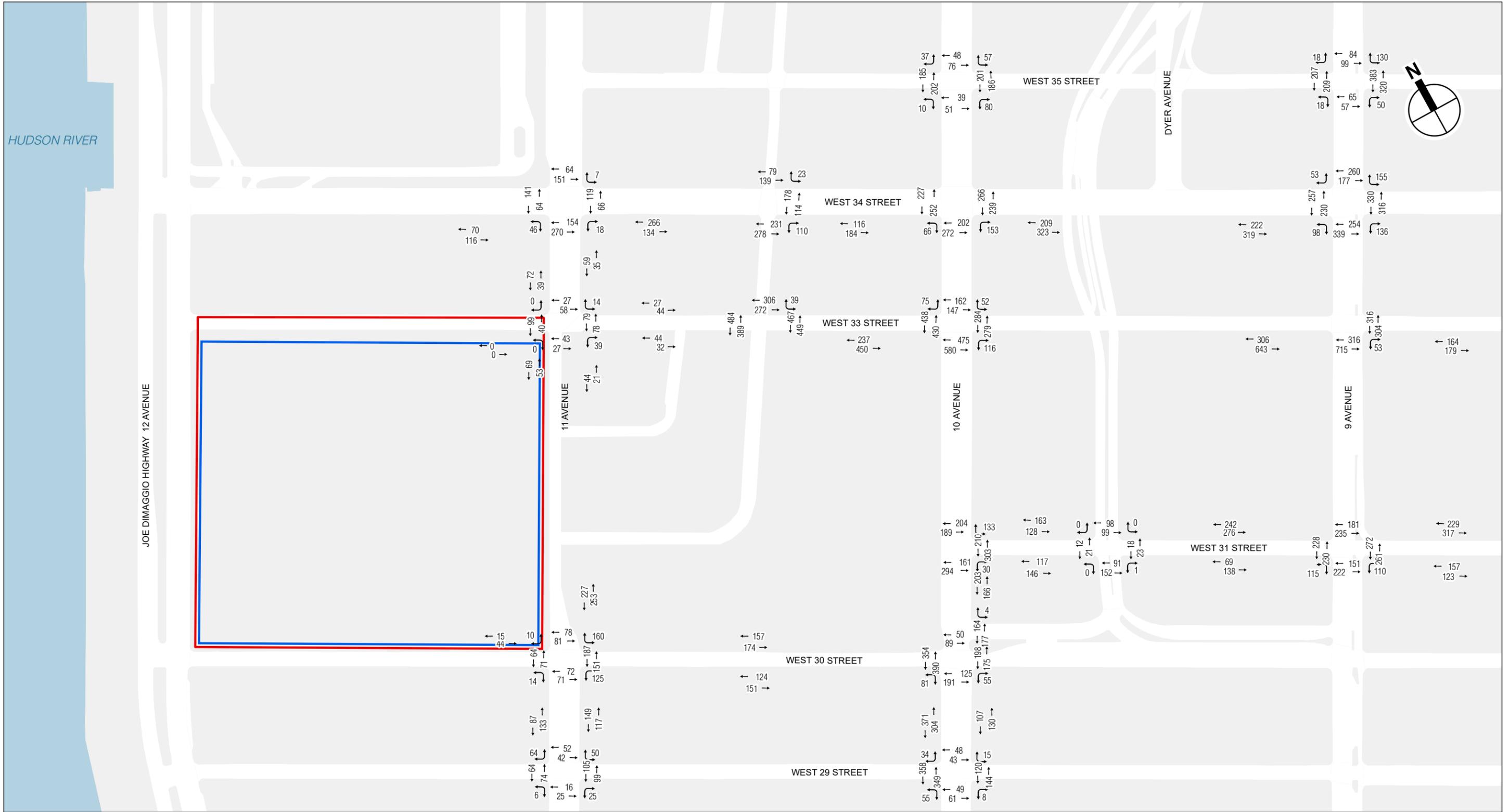
0 600 FEET



 Development Site
 Affected Area

0 600 FEET

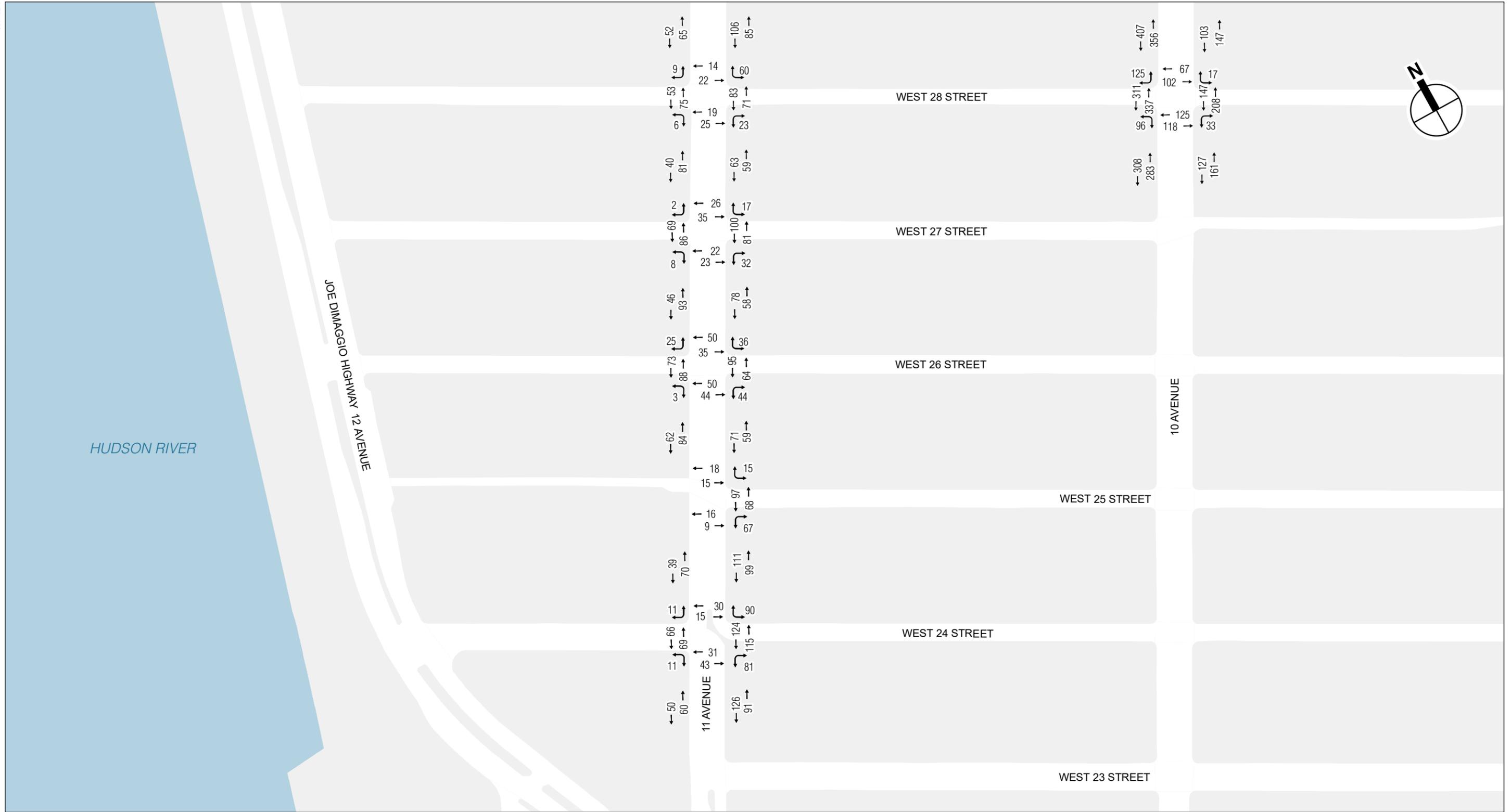
Existing Pedestrian Volumes
 Weekday Evening Peak Hour
Figure TA-P34b



Development Site
 Affected Area



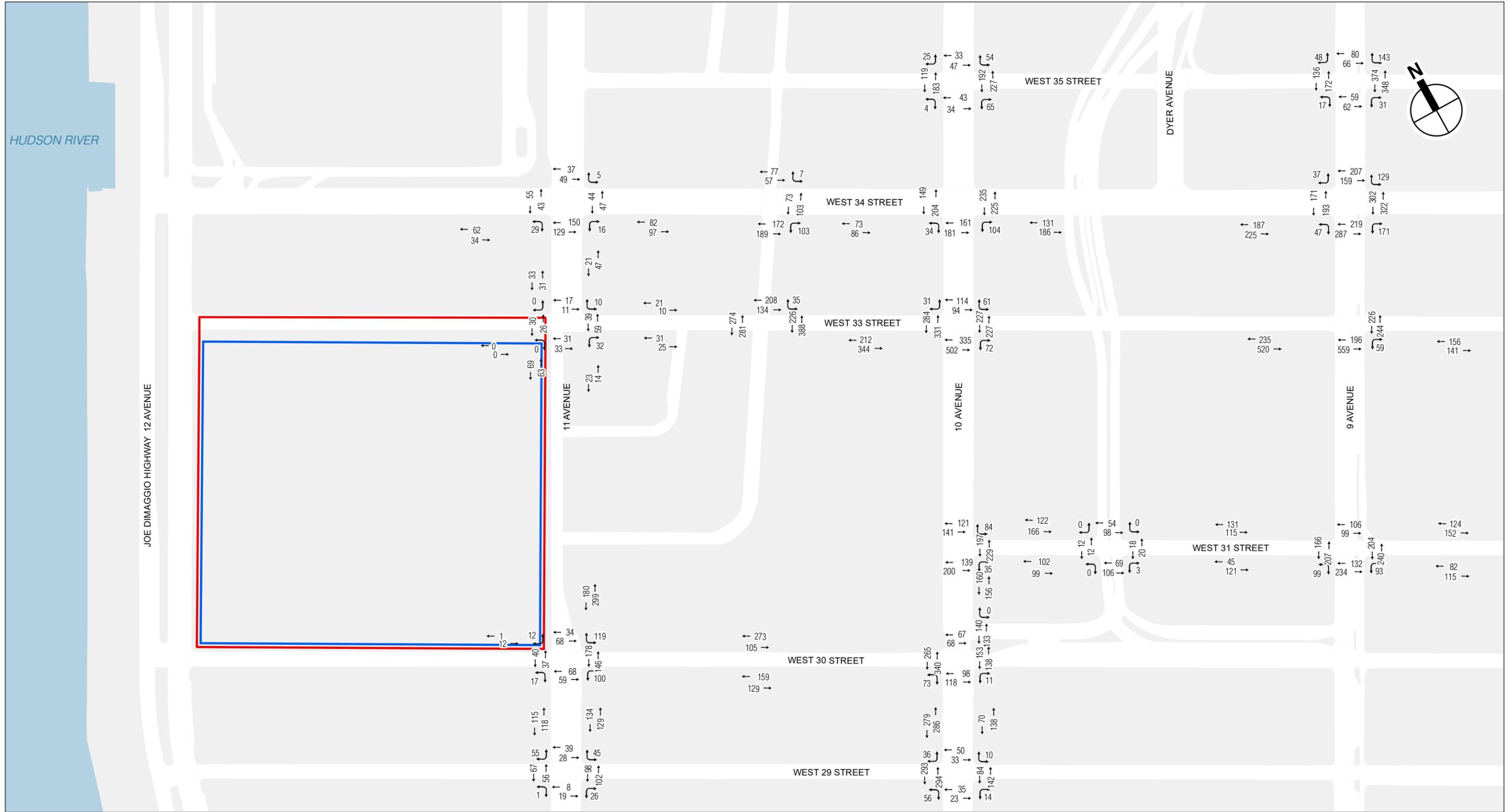
Existing Pedestrian Volumes
 Saturday Midday/Afternoon Peak Hour
Figure TA-P35a



Development Site
 Affected Area

0 600 FEET

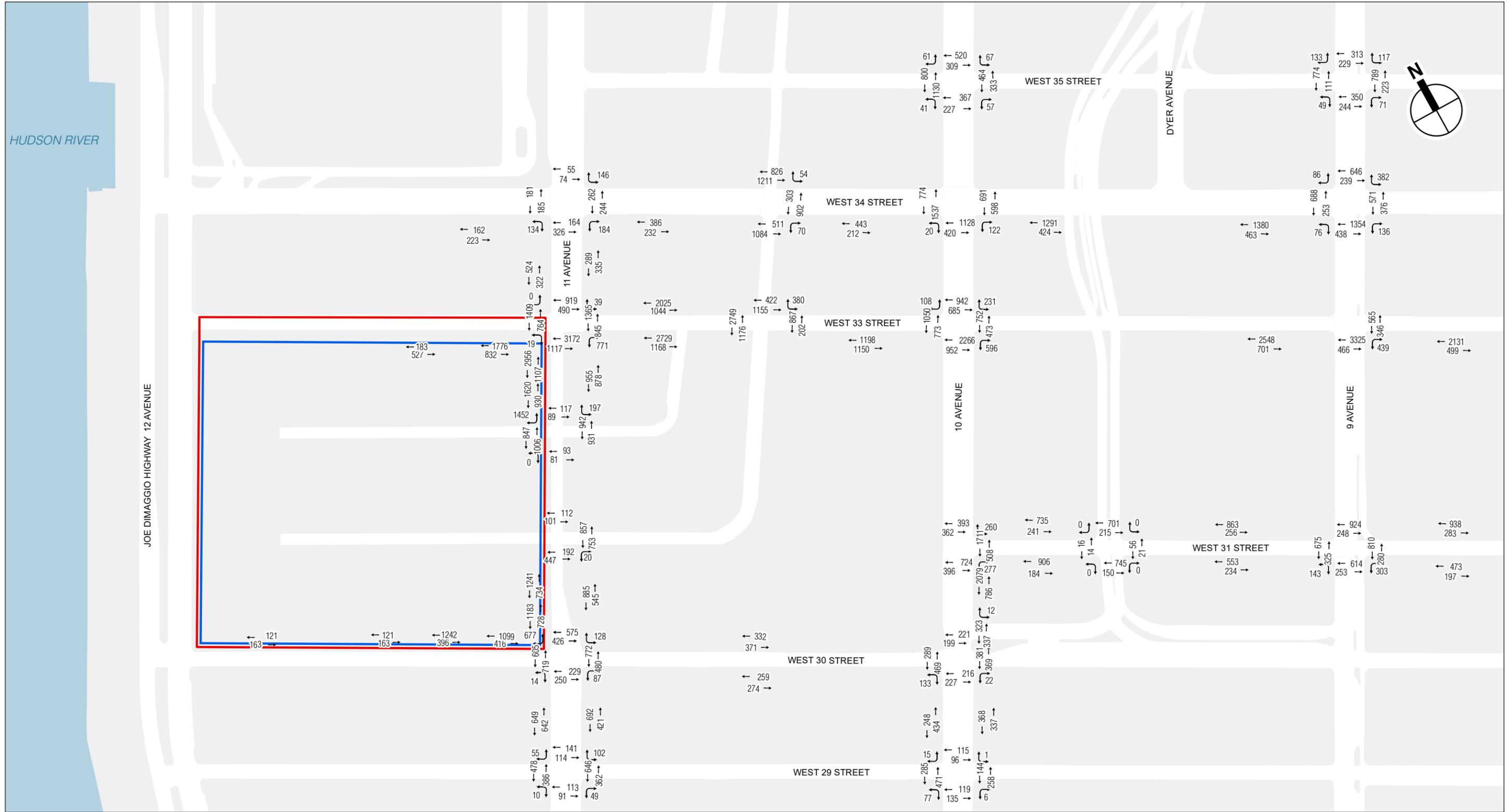
Existing Pedestrian Volumes
 Saturday Midday/Afternoon Peak Hour
Figure TA-P35b



Development Site
 Affected Area

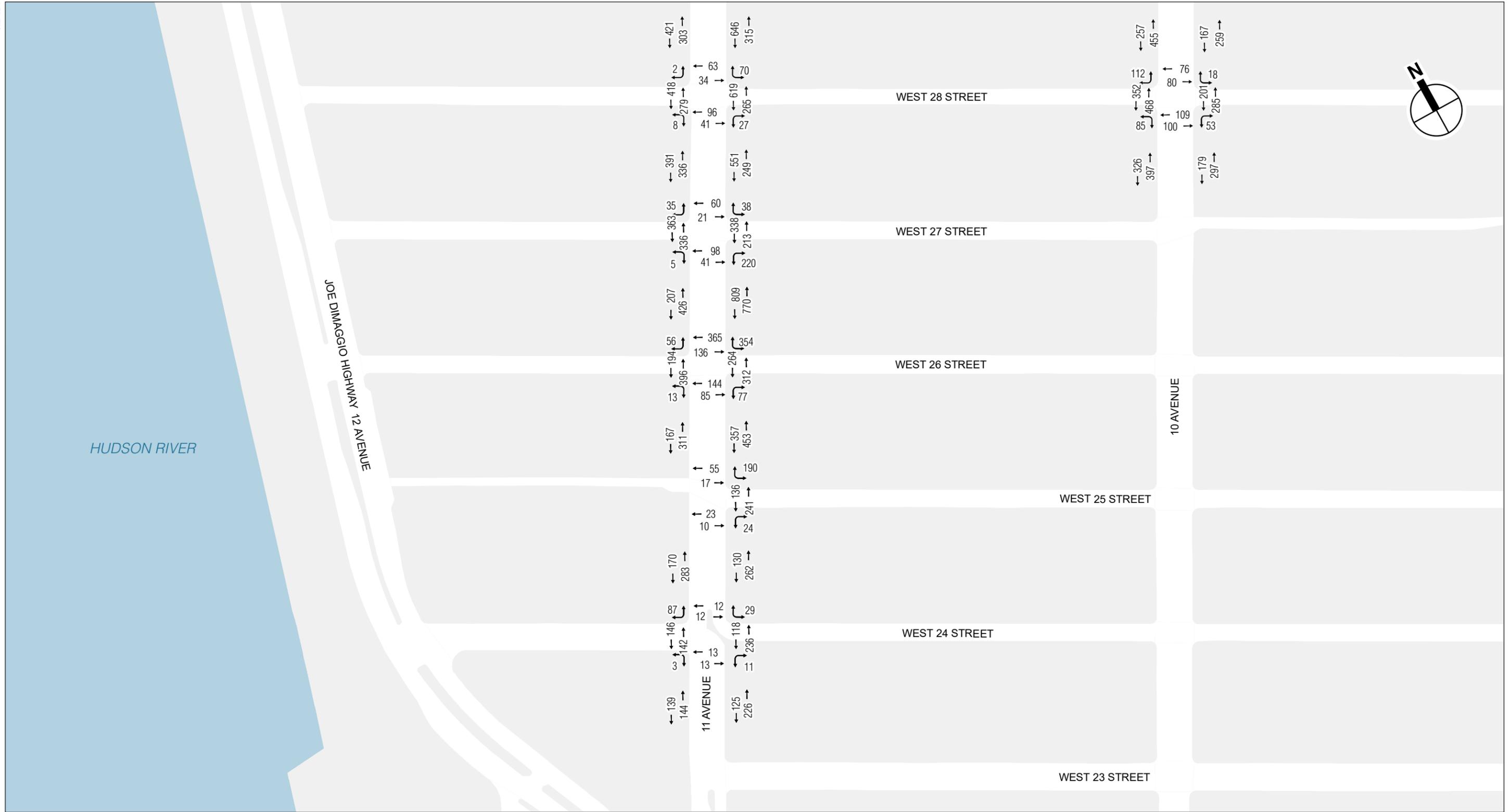


Existing Pedestrian Volumes
 Saturday Evening Peak Hour
Figure TA-P36a



 Development Site
 Affected Area

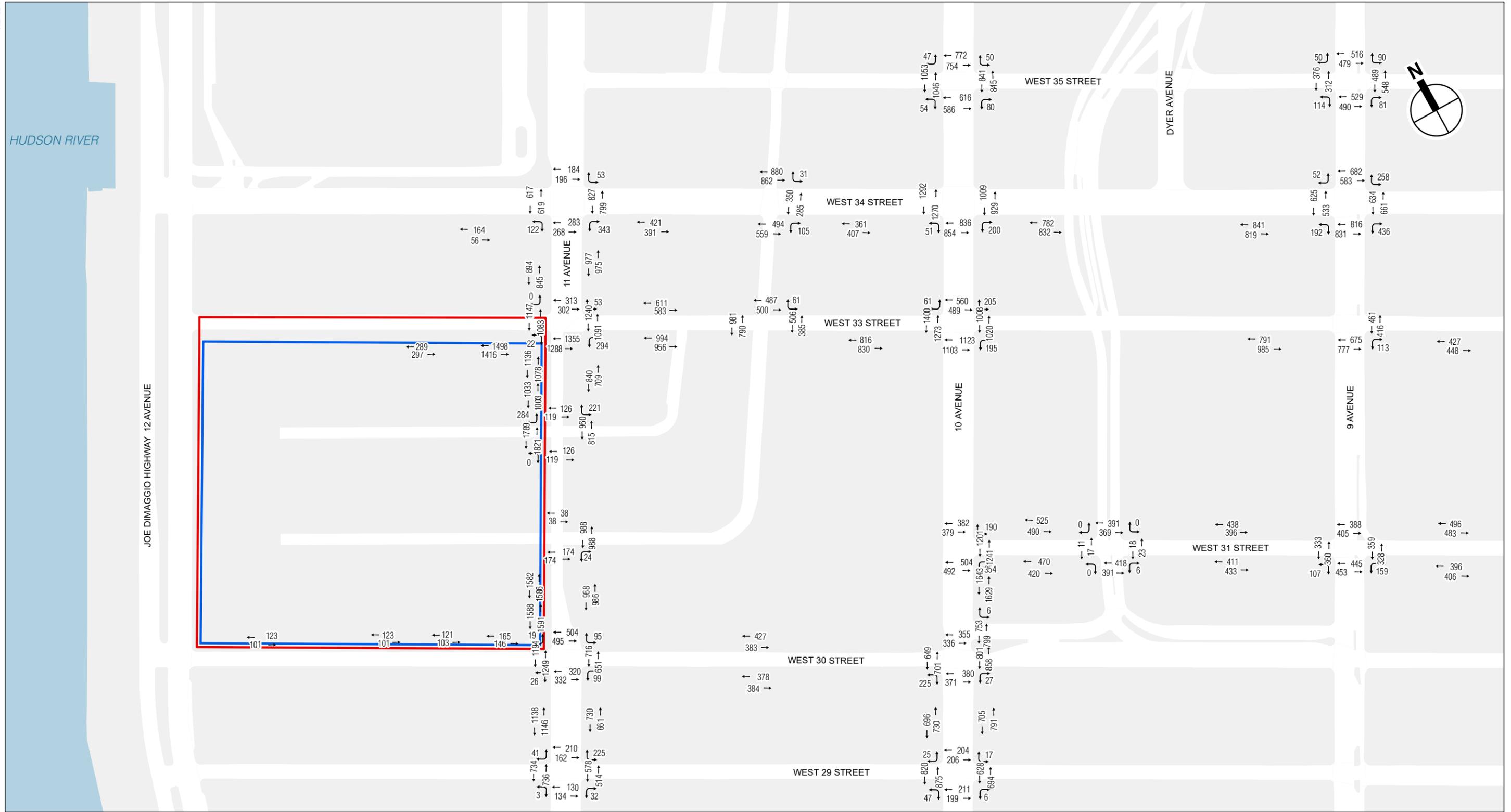
0 600 FEET



 Development Site
 Affected Area



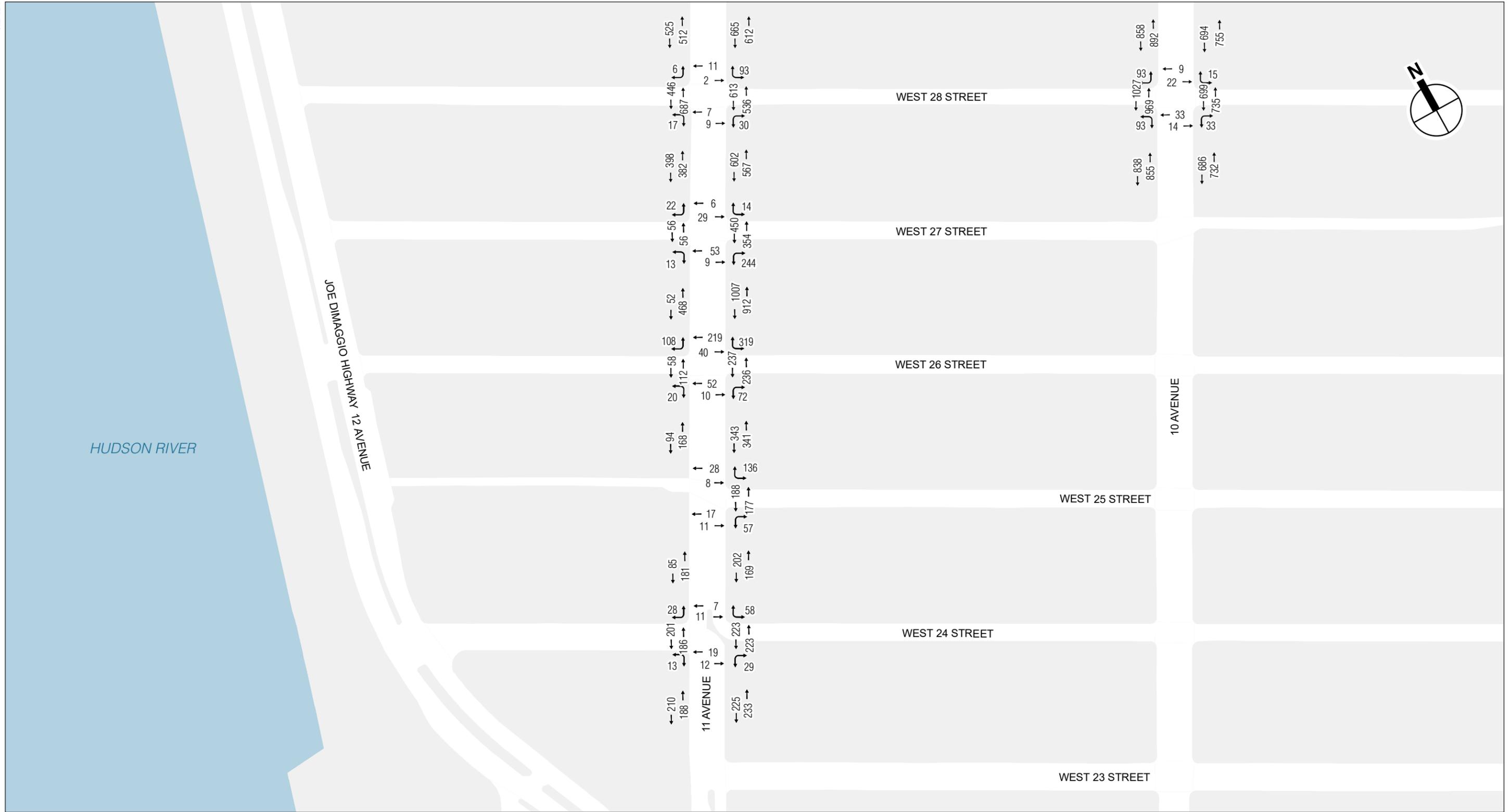
2031 No Action Pedestrian Volumes
 Weekday AM Peak Hour
 Figure TA-P37b



 Development Site
 Affected Area

0 600 FEET

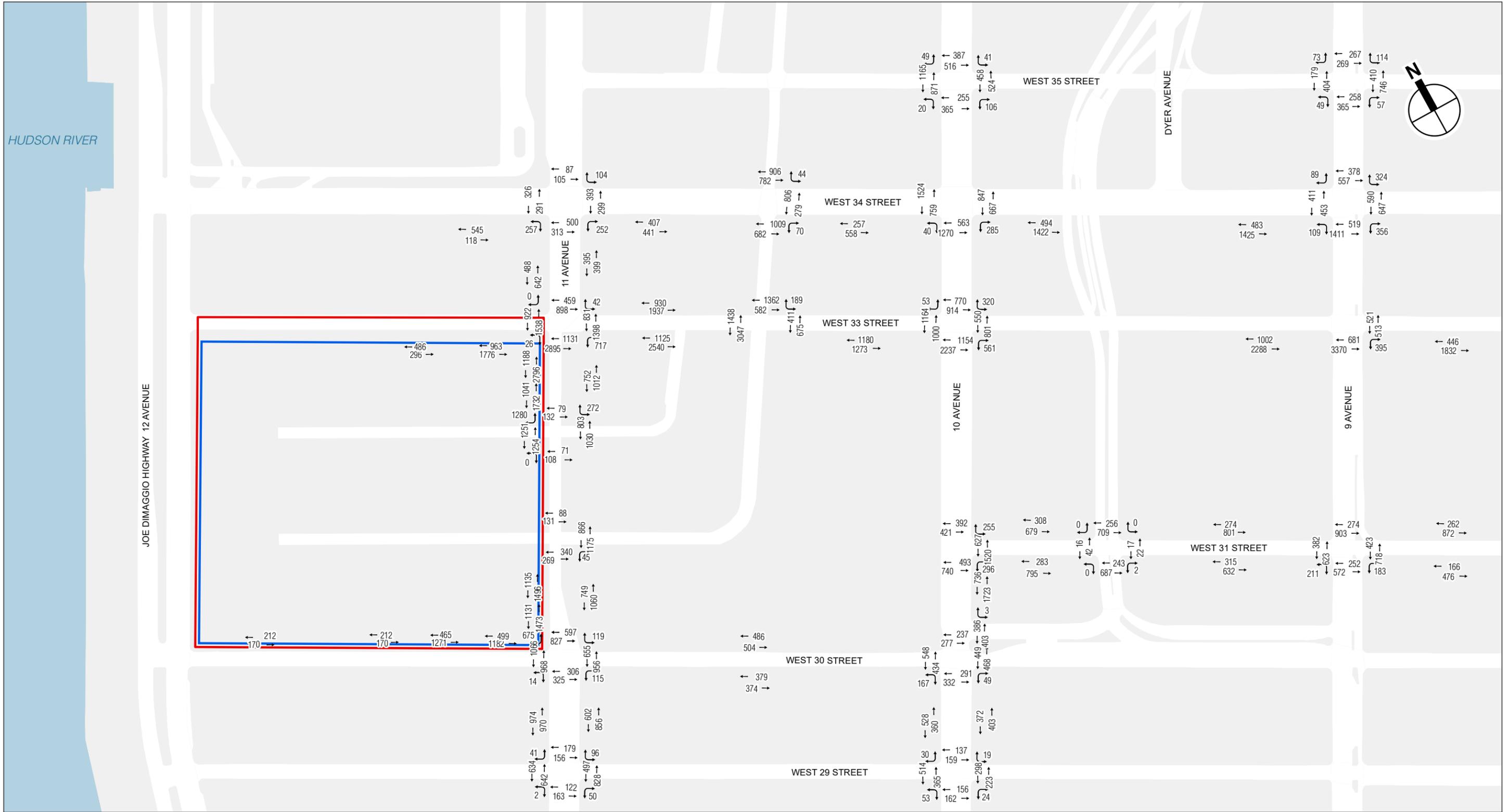
2031 No Action Pedestrian Volumes
 Weekday Midday Peak Hour
Figure TA-P38a



Development Site
Affected Area

0 600 FEET

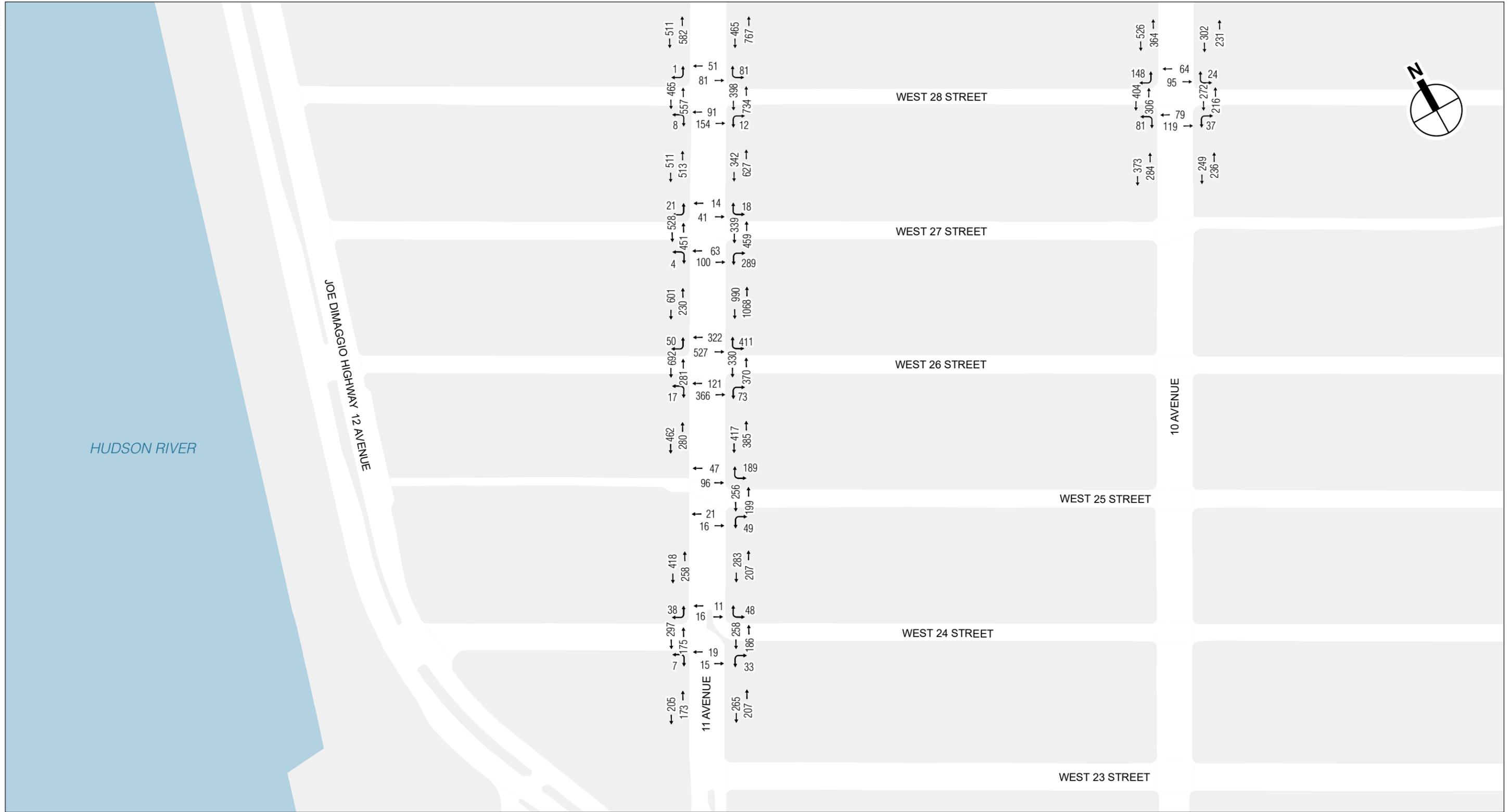
2031 No Action Pedestrian Volumes
Weekday Midday Peak Hour
Figure TA-P38b



 Development Site
 Affected Area



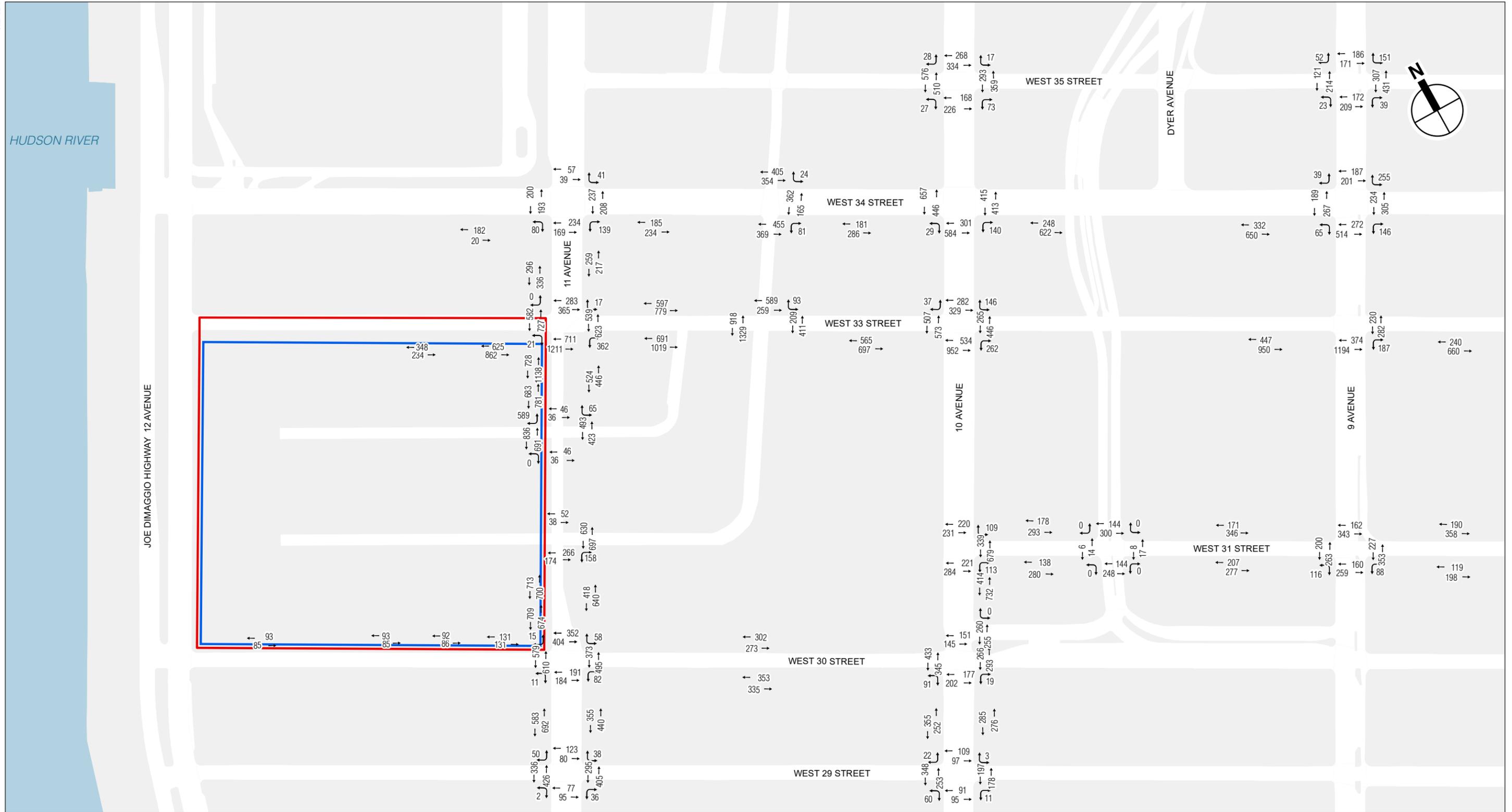
2031 No Action Pedestrian Volumes
 Weekday PM Peak Hour
Figure TA-P39a



 Development Site
 Affected Area



2031 No Action Pedestrian Volumes
 Weekday PM Peak Hour
Figure TA-P39b

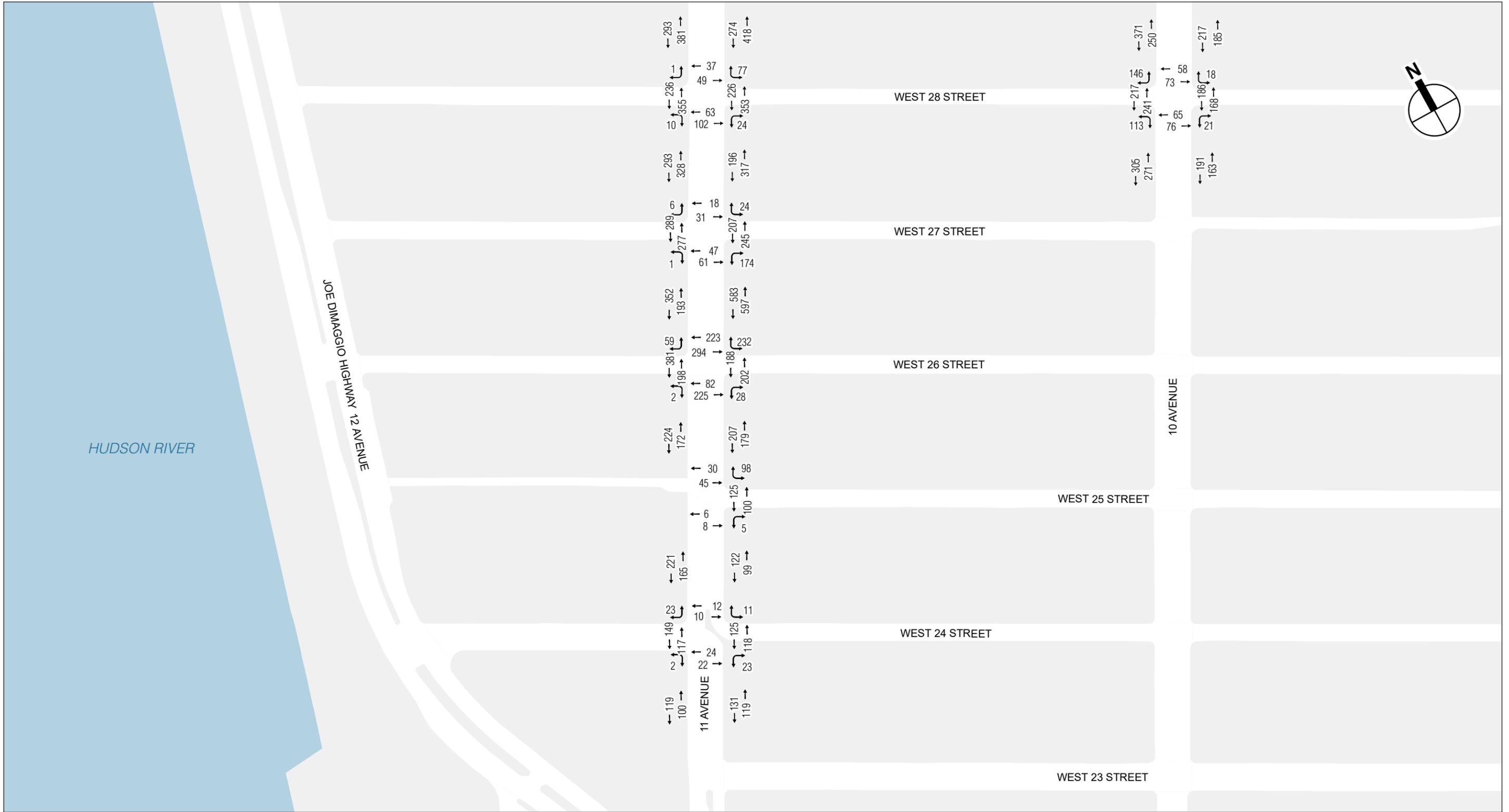


Development Site

Affected Area

0 600 FEET

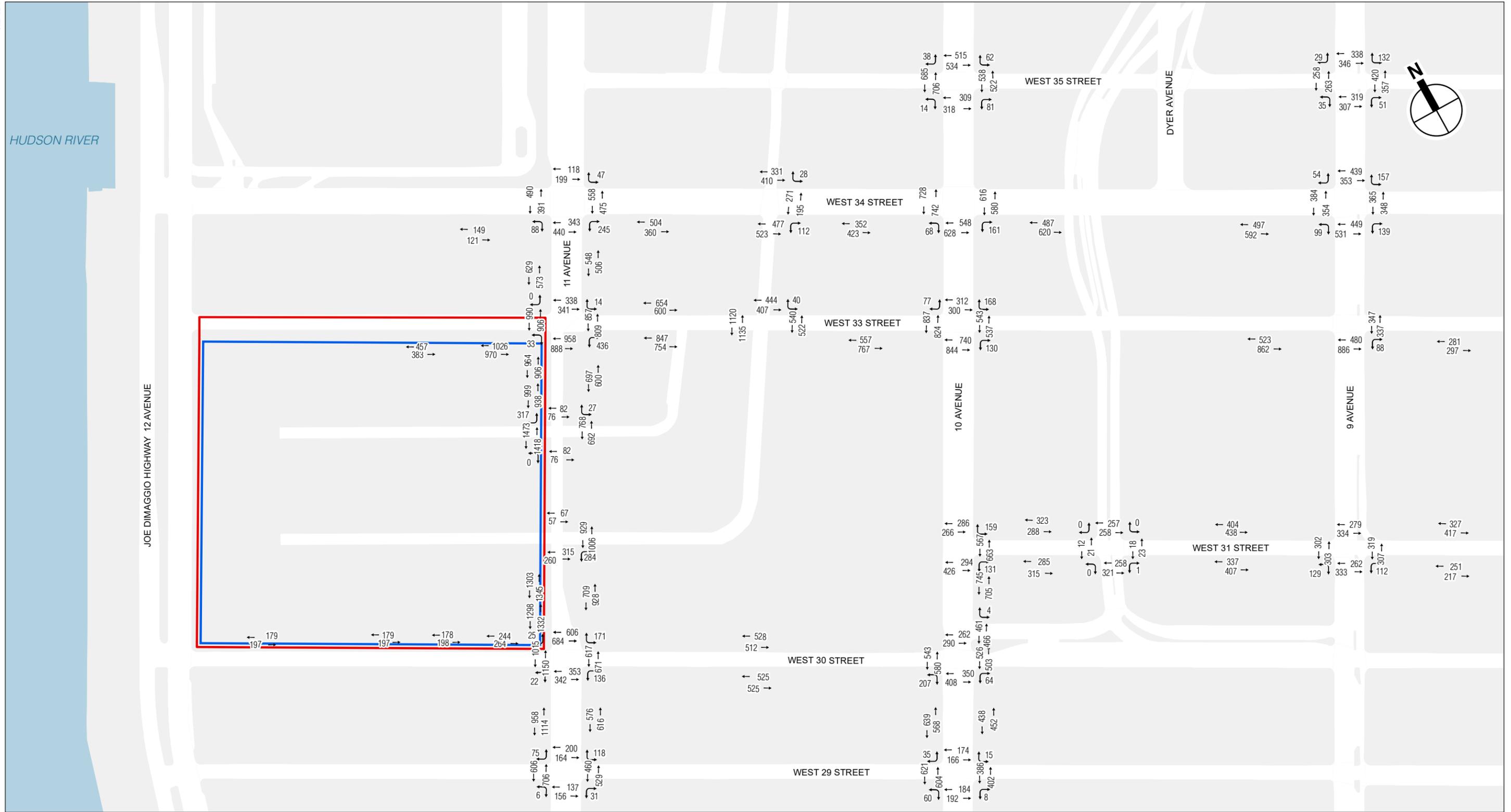
2031 No Action Pedestrian Volumes
 Weekday Evening Peak Hour
 Figure TA-P40a



 Development Site
 Affected Area



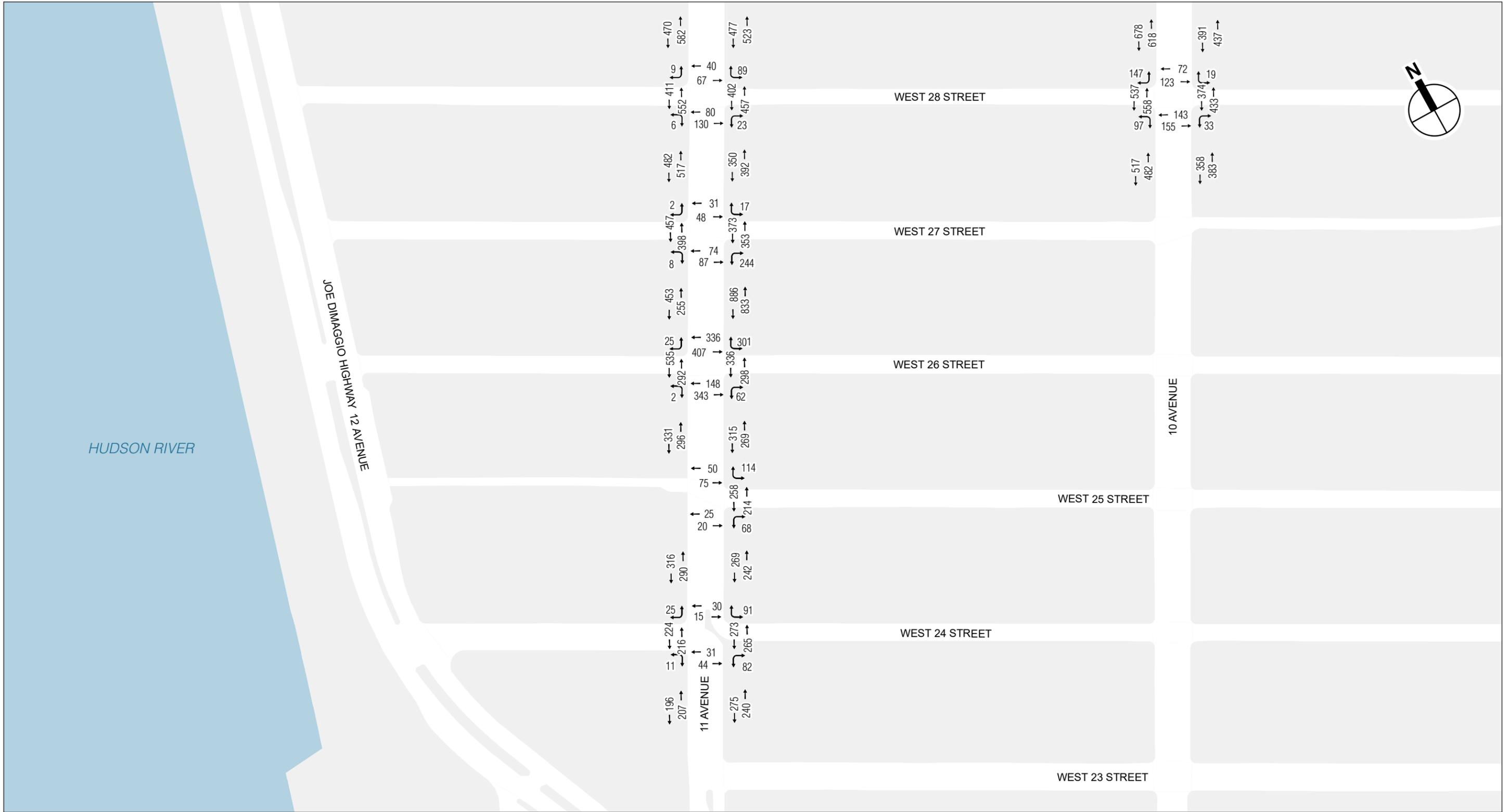
2031 No Action Pedestrian Volumes
 Weekday Evening Peak Hour
Figure TA-P40b



Development Site
 Affected Area

0 600 FEET

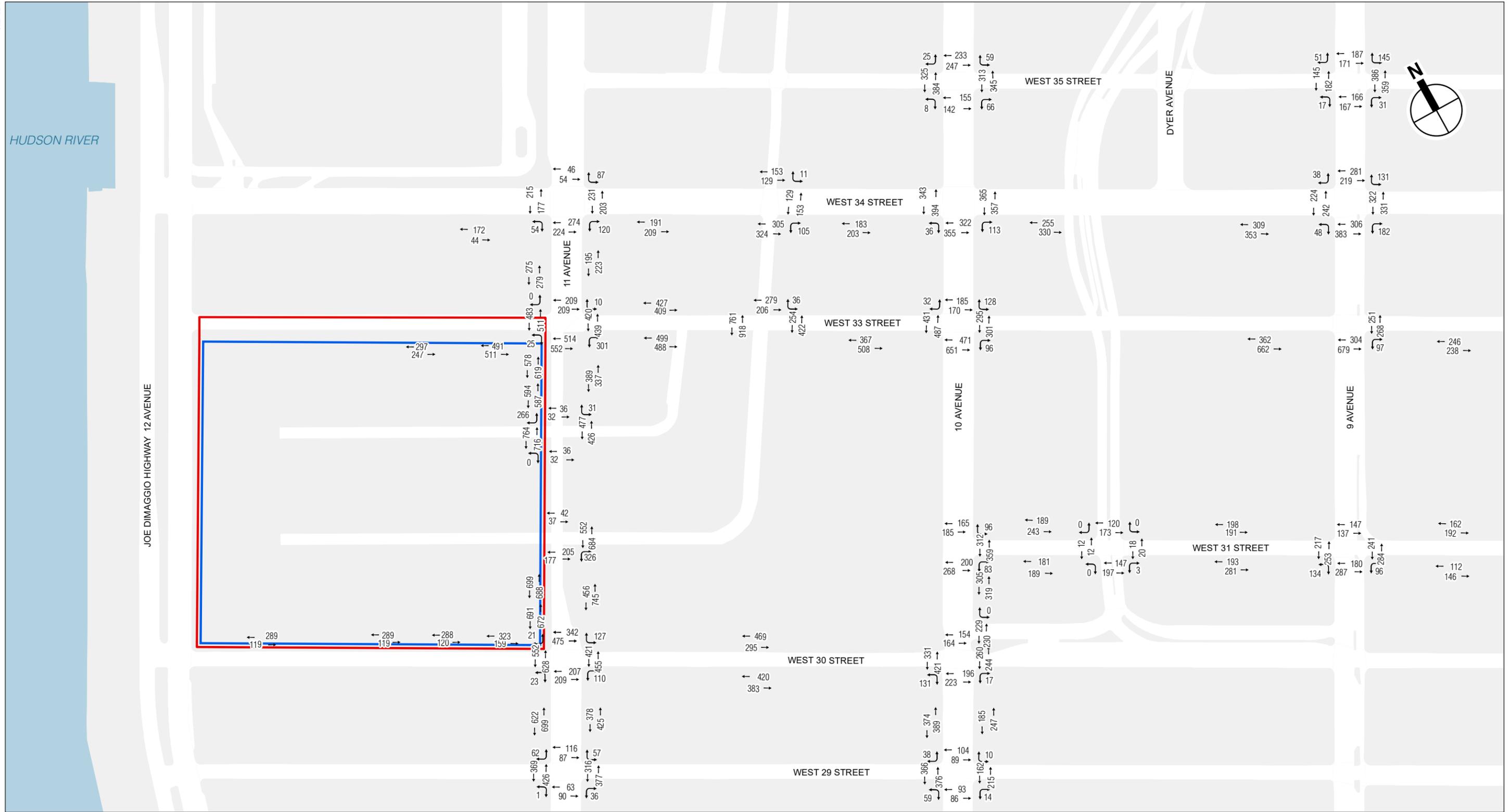
2031 No Action Pedestrian Volumes
 Saturday Midday/Afternoon Peak Hour
 Figure TA-P41a



 *Development Site*
 *Affected Area*



2031 No Action Pedestrian Volumes
 Saturday Midday/Afternoon Peak Hour
Figure TA-P41b



 Development Site
 Affected Area

0 600 FEET

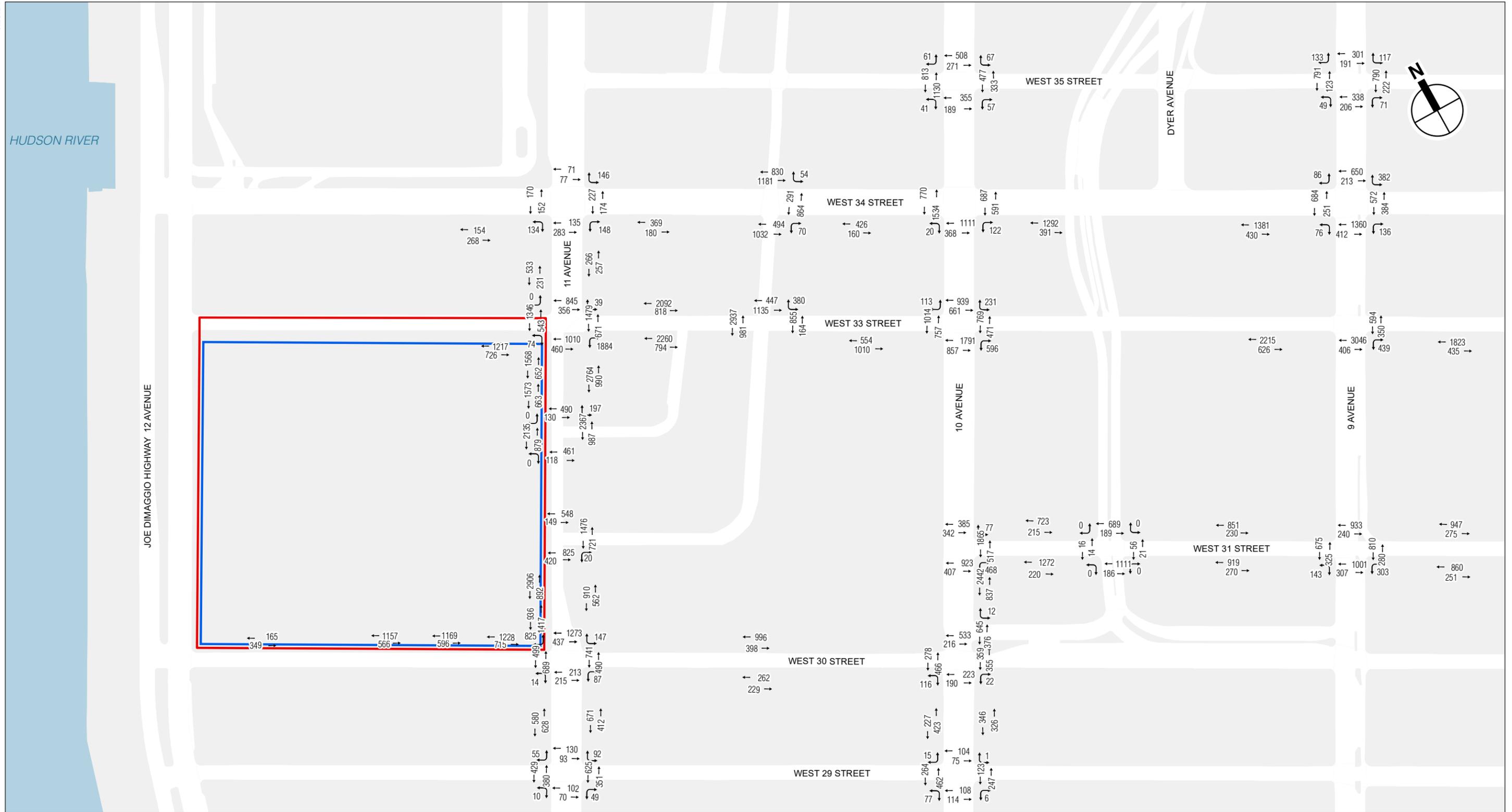
2031 No Action Pedestrian Volumes
 Saturday Evening Peak Hour
 Figure TA-P42a



 Development Site
 Affected Area



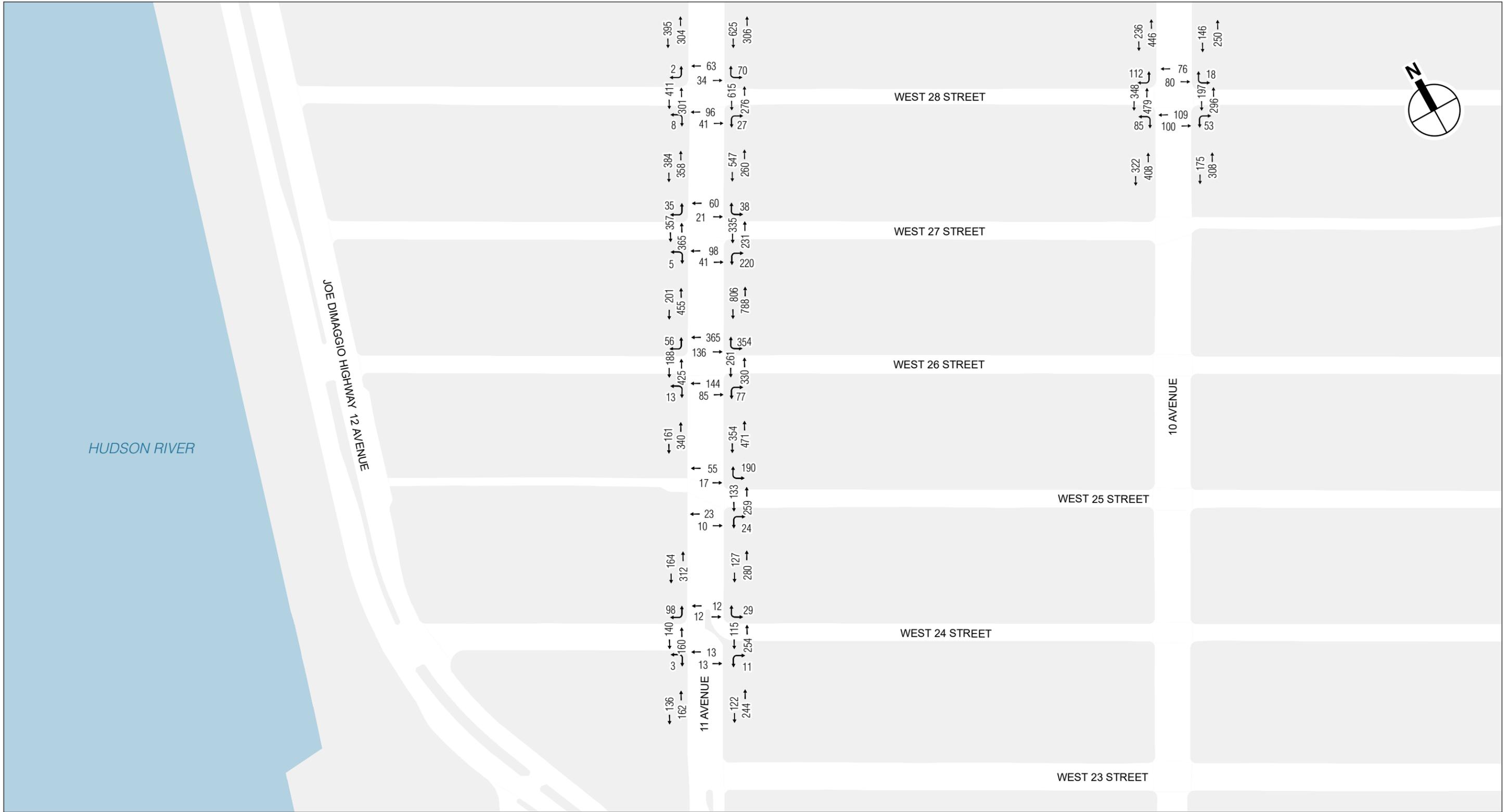
2031 No Action Pedestrian Volumes
 Saturday Evening Peak Hour
Figure TA-P42b



Development Site
 Affected Area

0 600 FEET

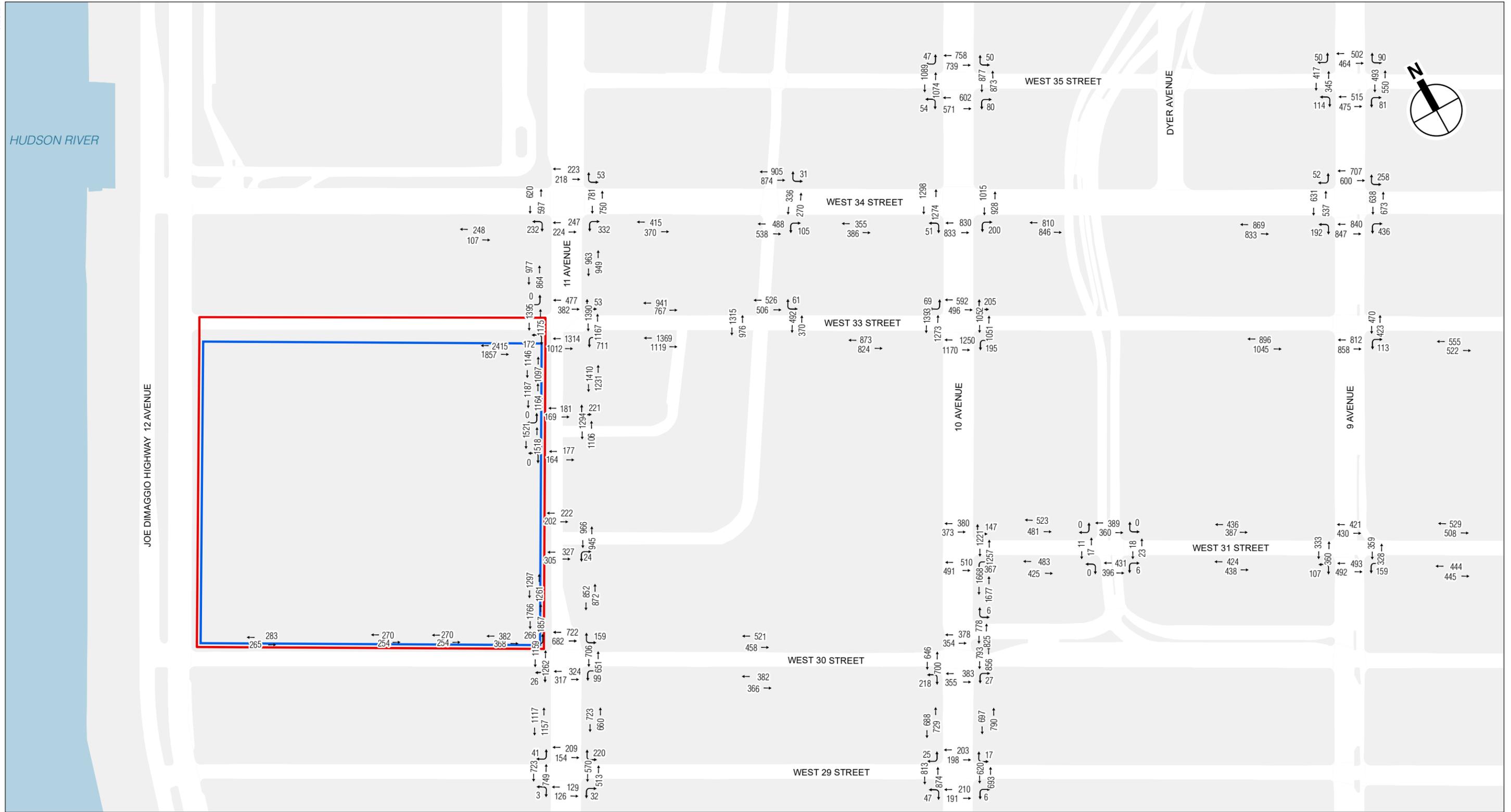
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday AM Peak Hour
Figure TA-P43a



 Development Site
 Affected Area



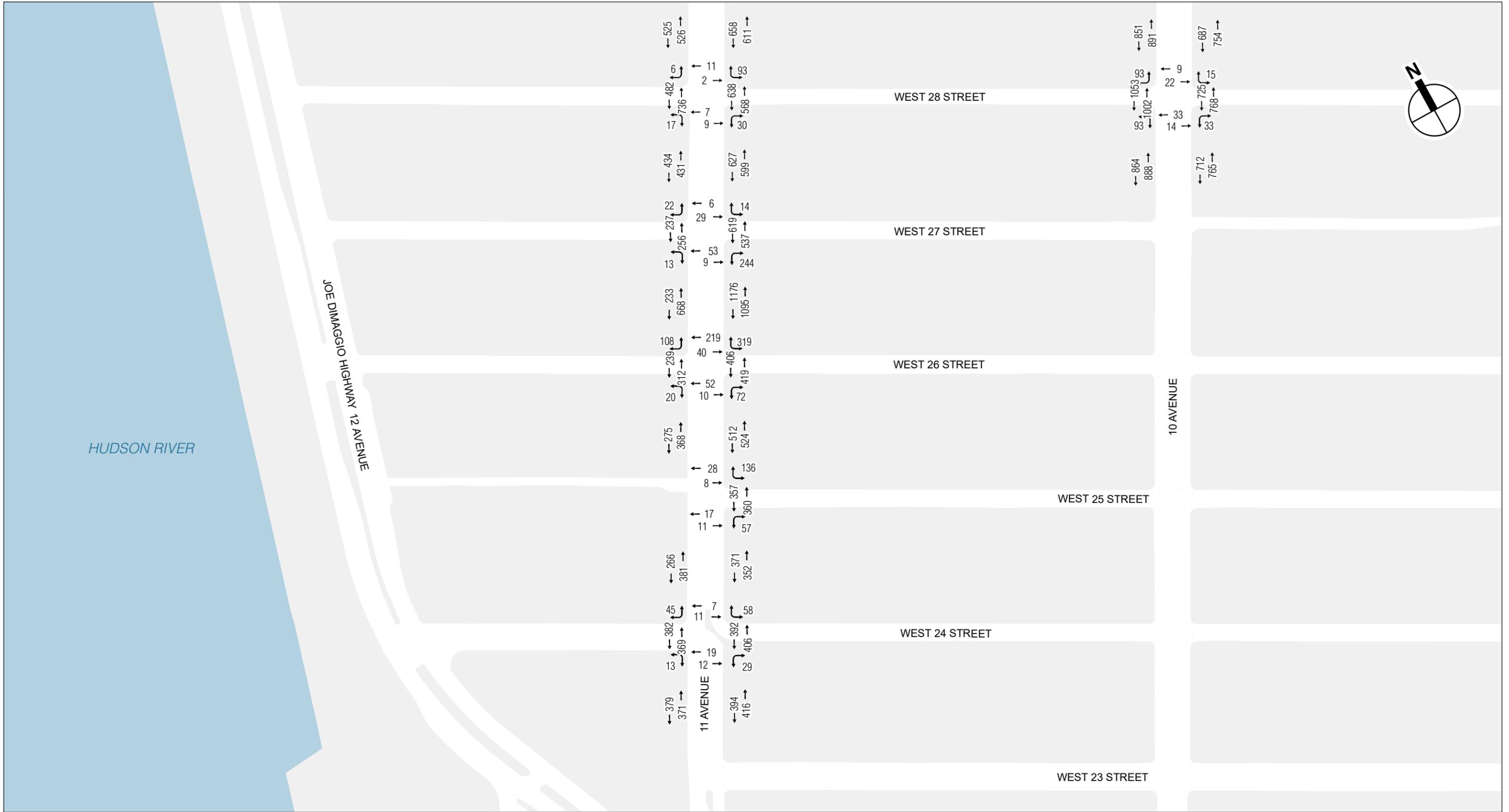
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday AM Peak Hour
Figure TA-P43b



 Development Site
 Affected Area



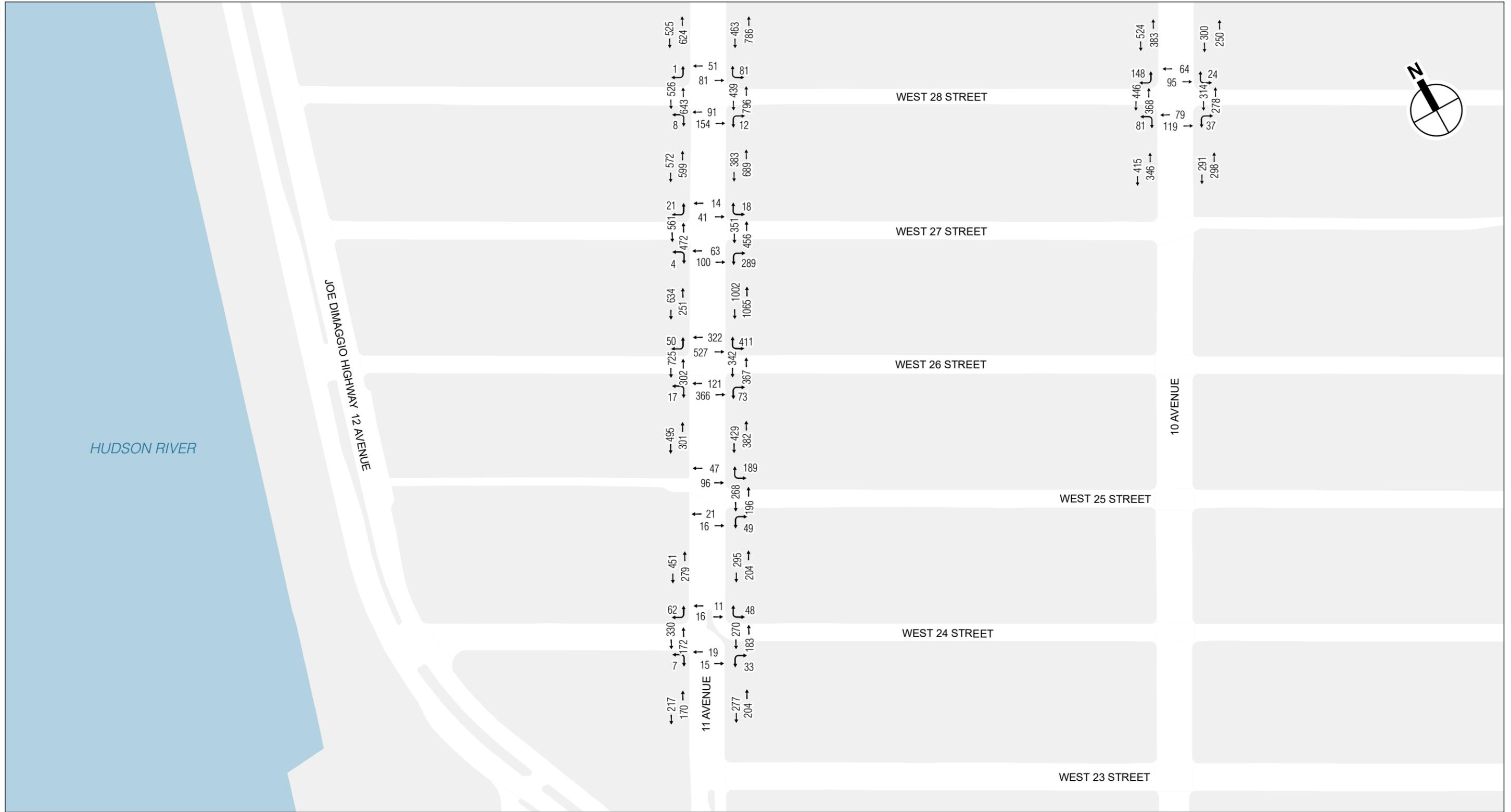
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday Midday Peak Hour
Figure TA-P44a



 Development Site
 Affected Area



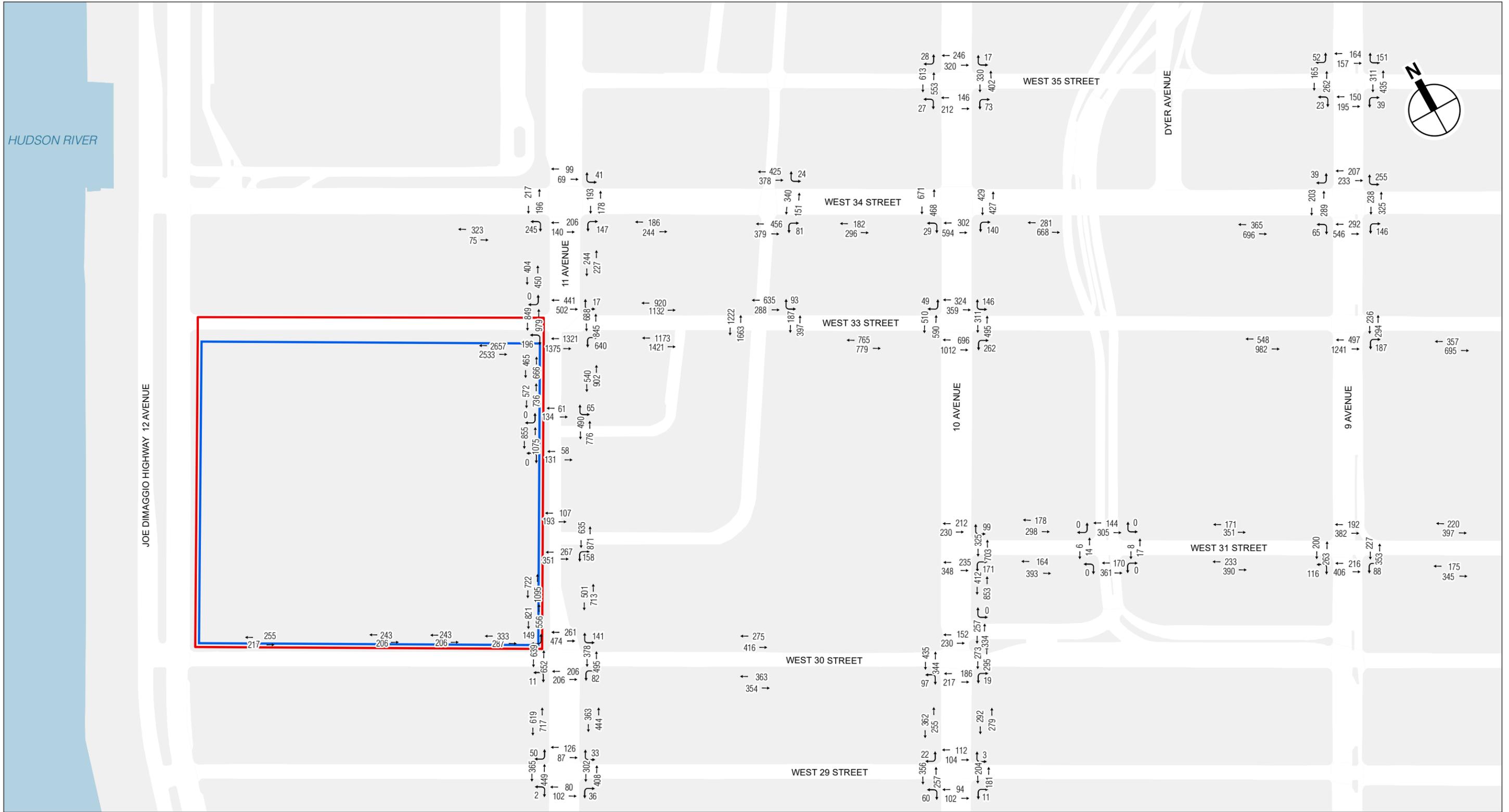
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday Midday Peak Hour
Figure TA-P44b



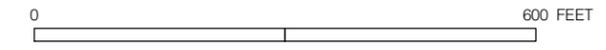
 Development Site
 Affected Area



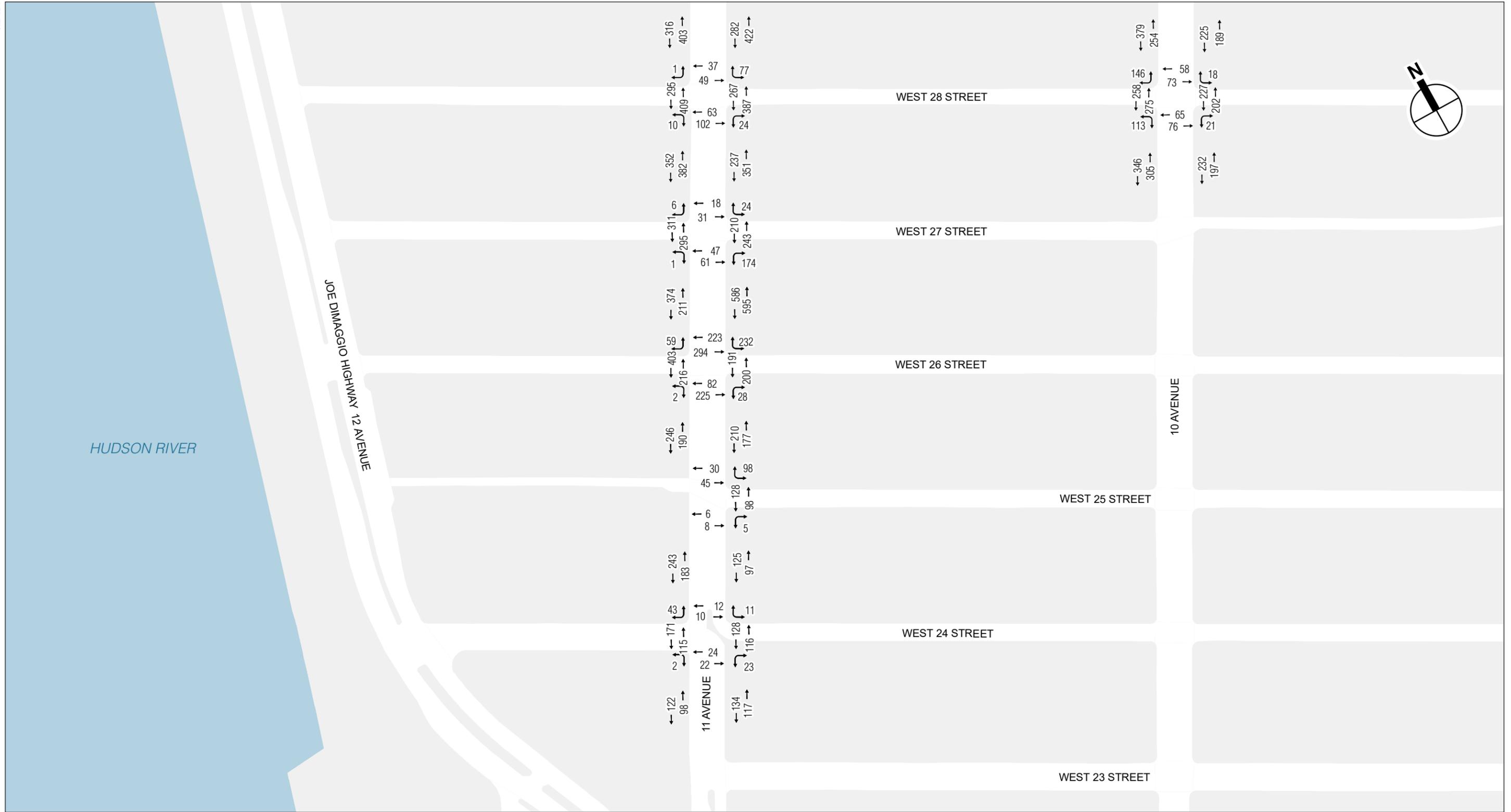
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday PM Peak Hour
Figure TA-P45b



 Development Site
 Affected Area



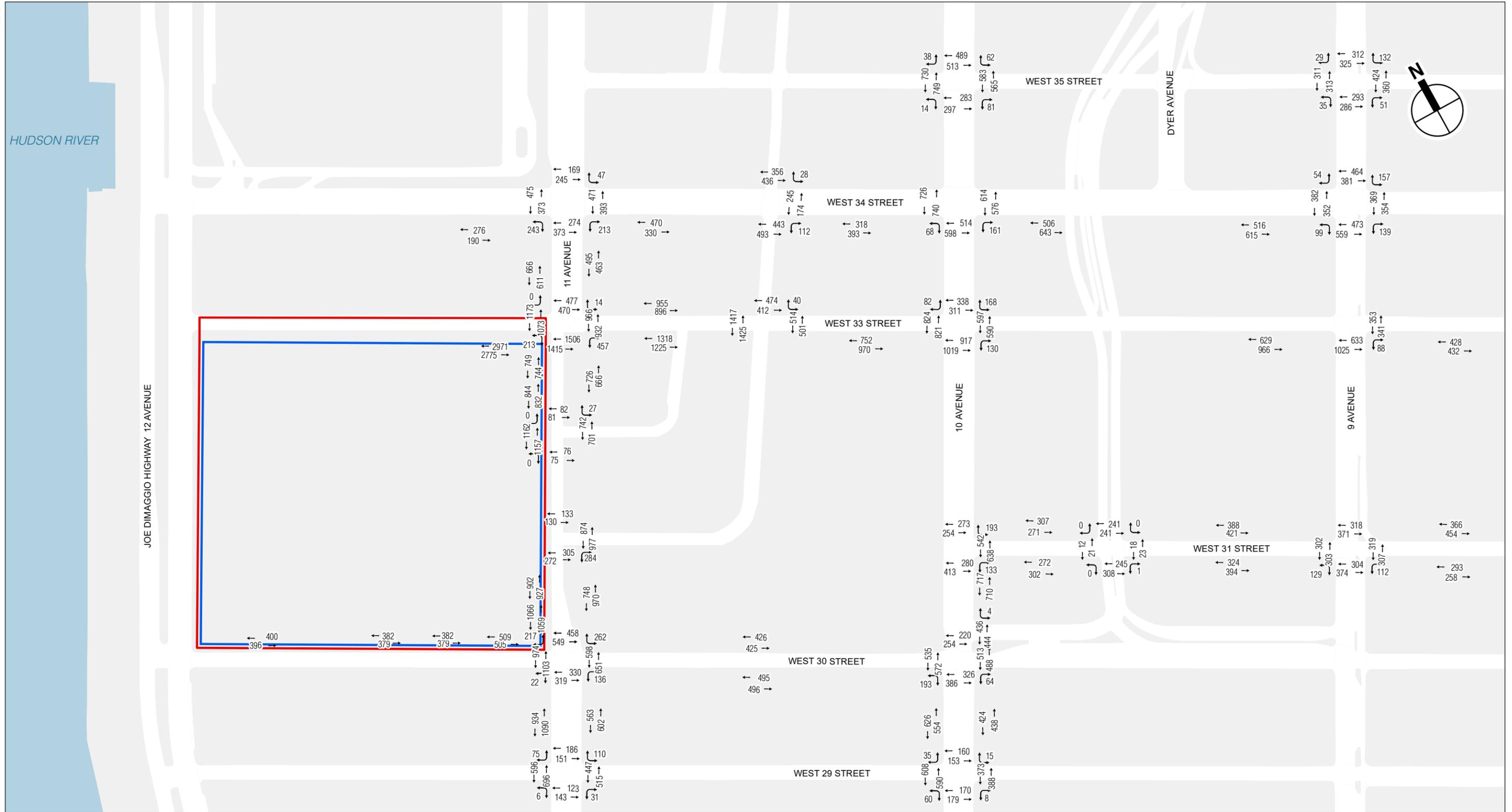
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday Evening Peak Hour
Figure TA-P46a



 Development Site
 Affected Area



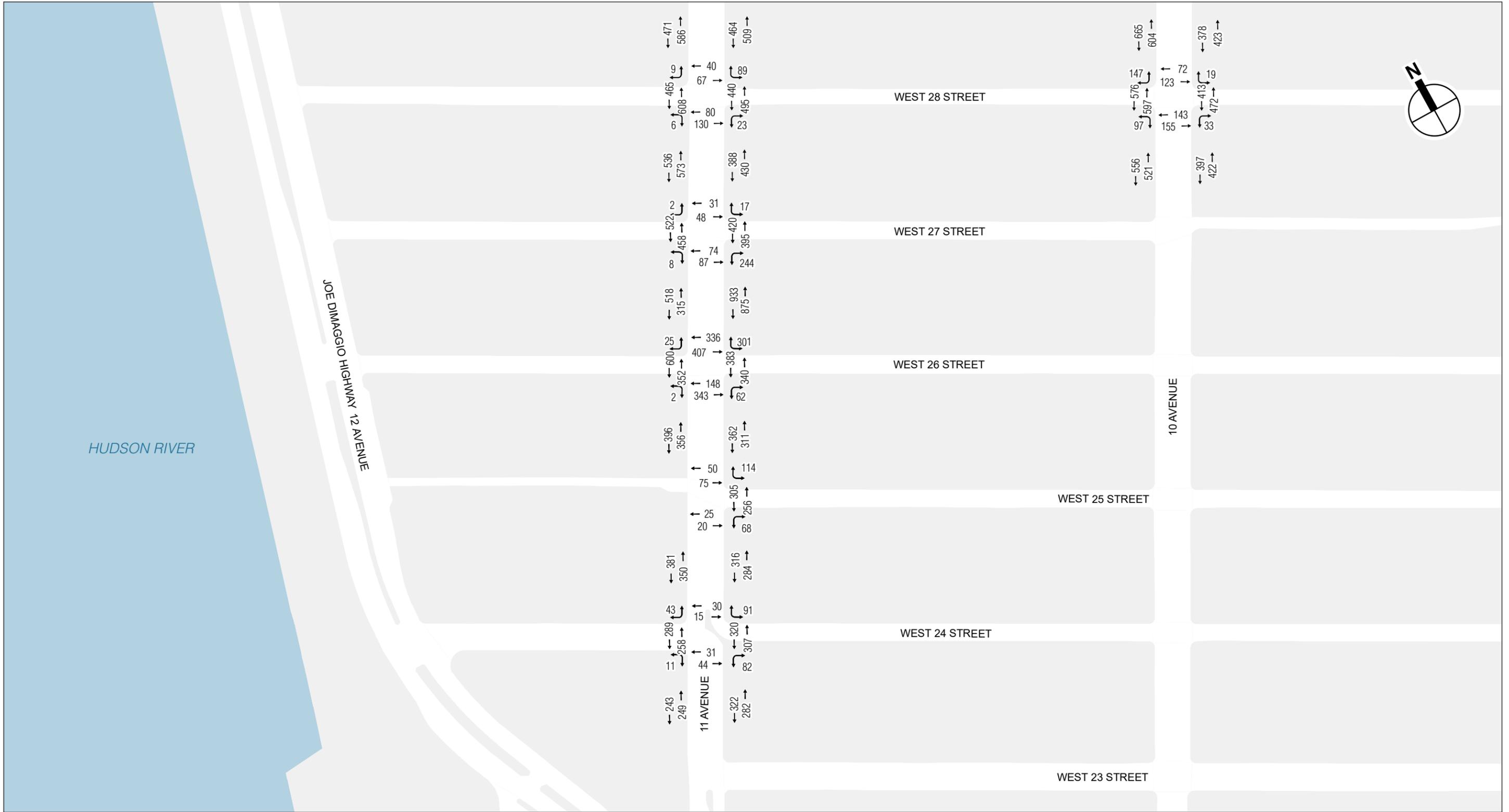
2031 With Action Pedestrian Volumes
 Proposed Project
 Weekday Evening Peak Hour
Figure TA-P46b



 Development Site
 Affected Area

0 600 FEET

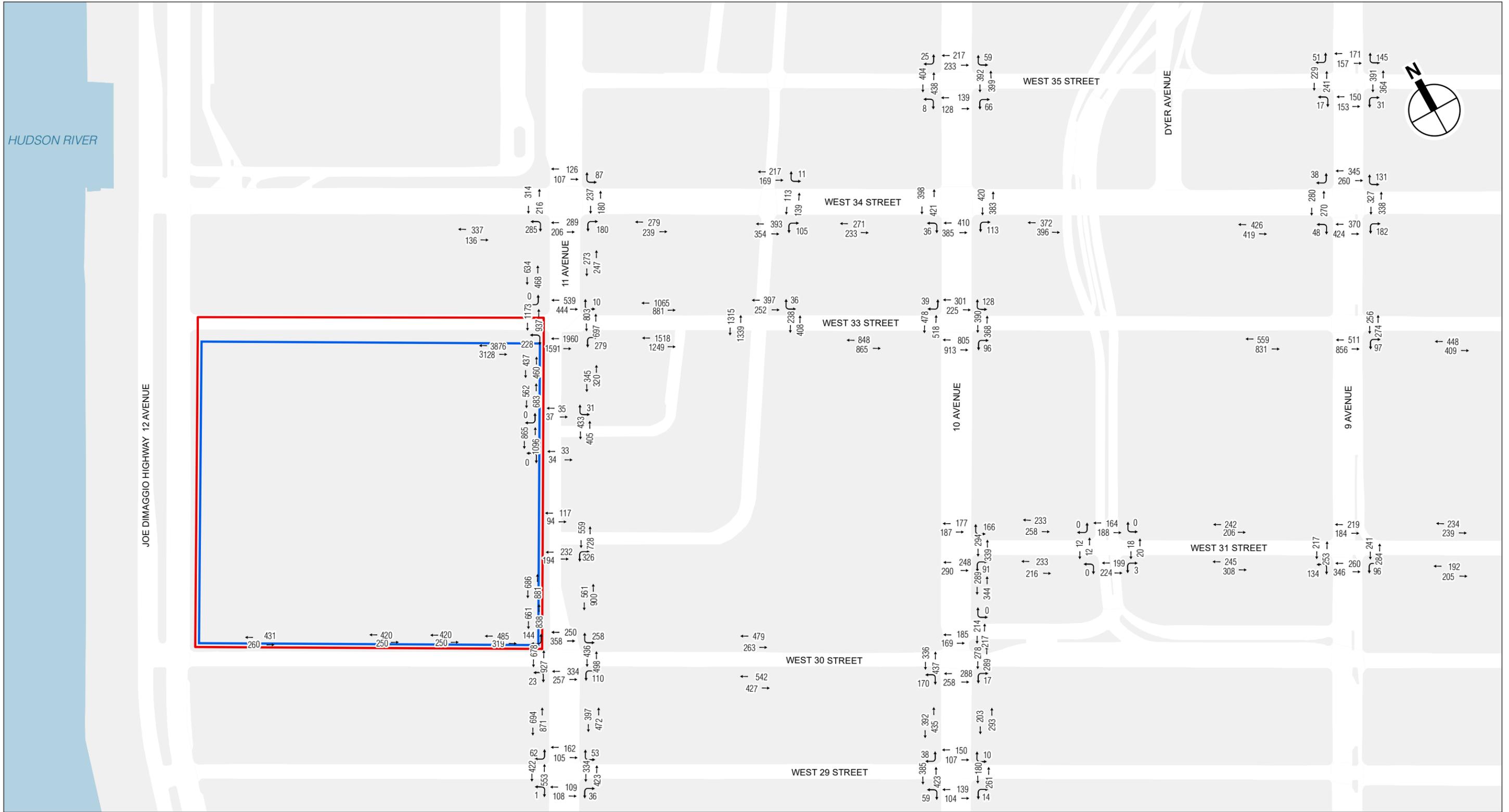
2031 With Action Pedestrian Volumes
 Proposed Project
 Saturday Midday/Afternoon Peak Hour
Figure TA-P47a



 Development Site
 Affected Area

0 600 FEET

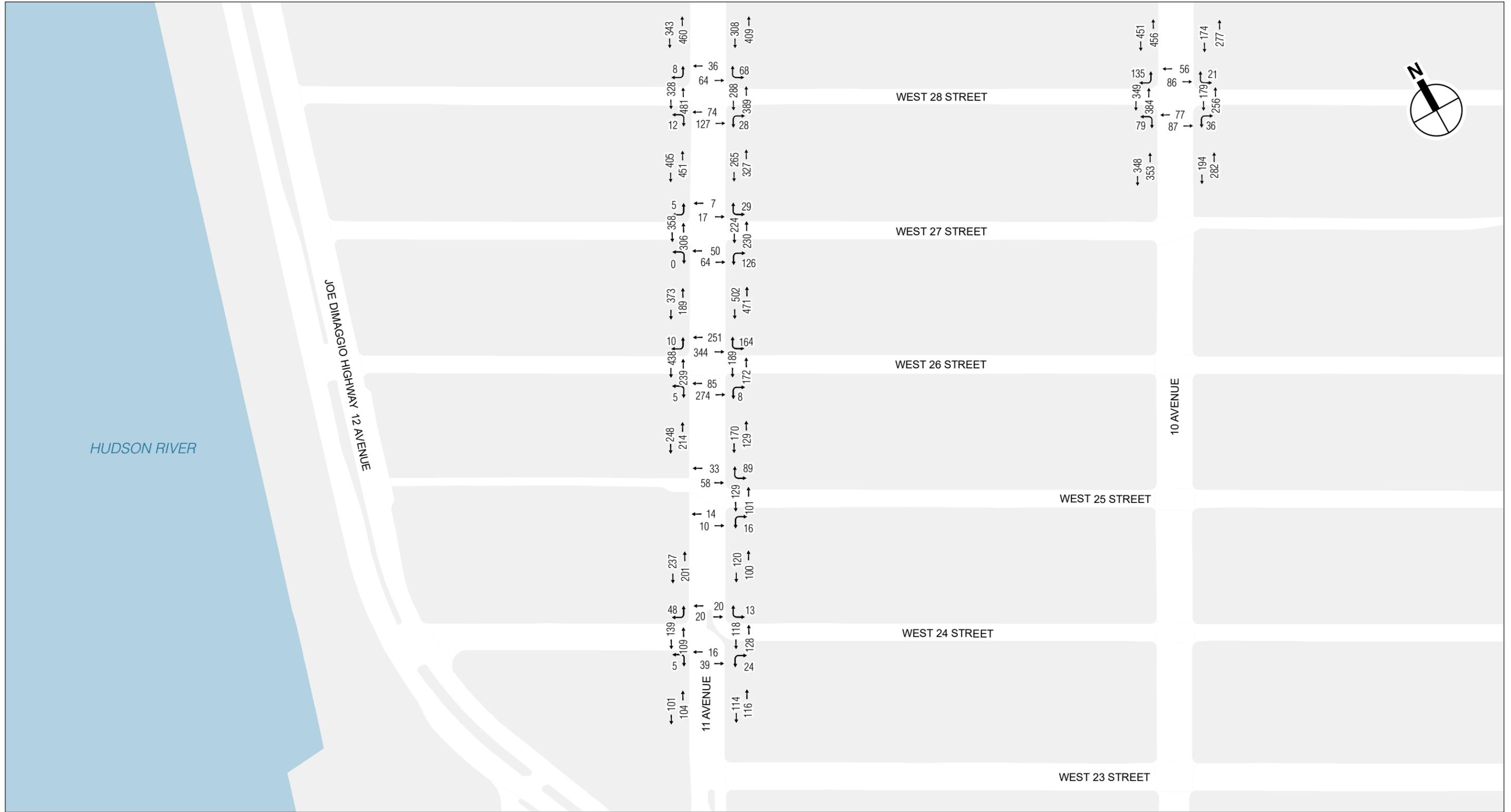
2031 With Action Pedestrian Volumes
 Proposed Project
 Saturday Midday/Afternoon Peak Hour



 Development Site
 Affected Area

0 600 FEET

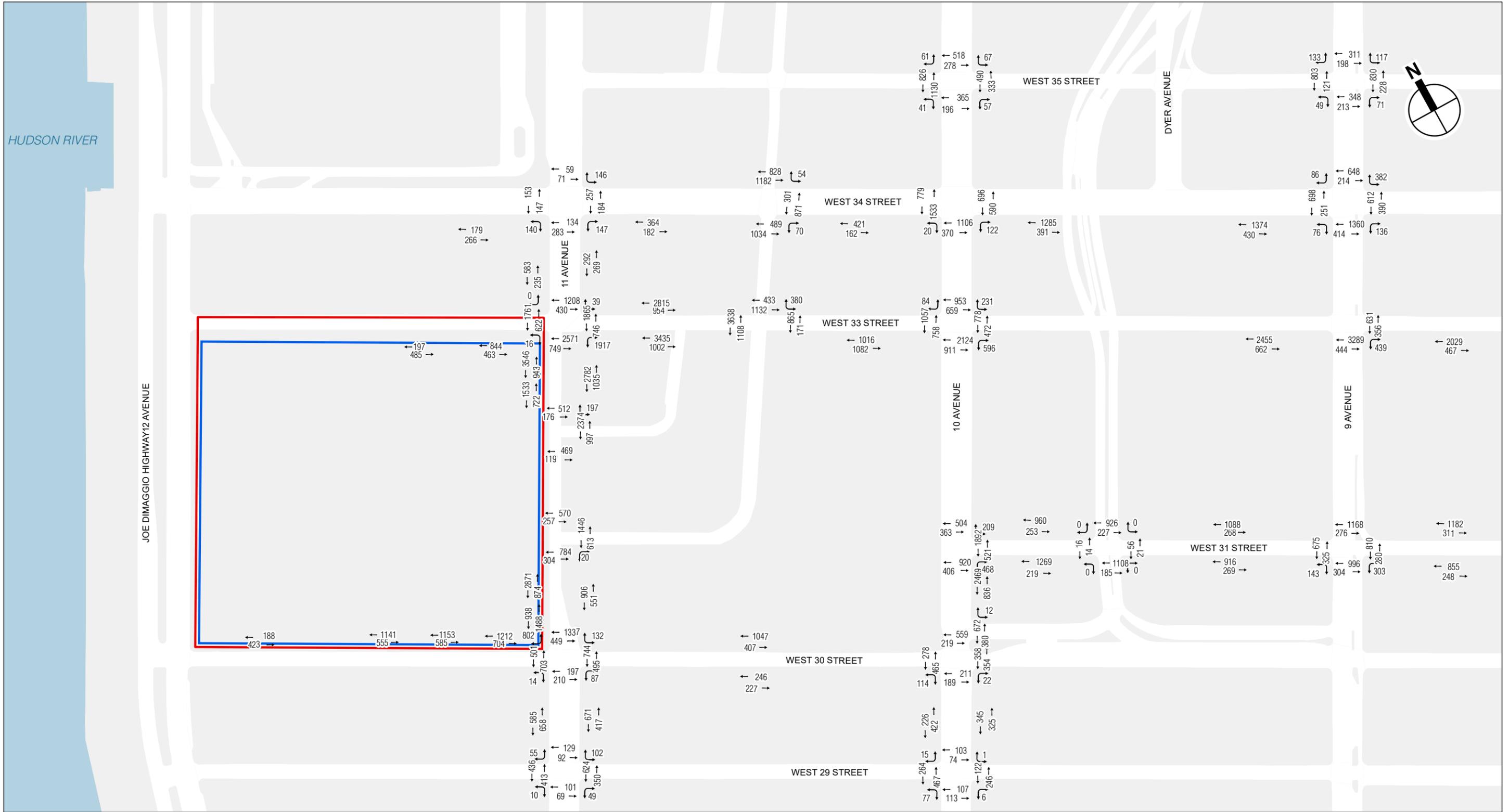
2031 With Action Pedestrian Volumes
 Proposed Project
 Saturday Evening Peak Hour
Figure TA-P48a



 Development Site
 Affected Area

0 600 FEET

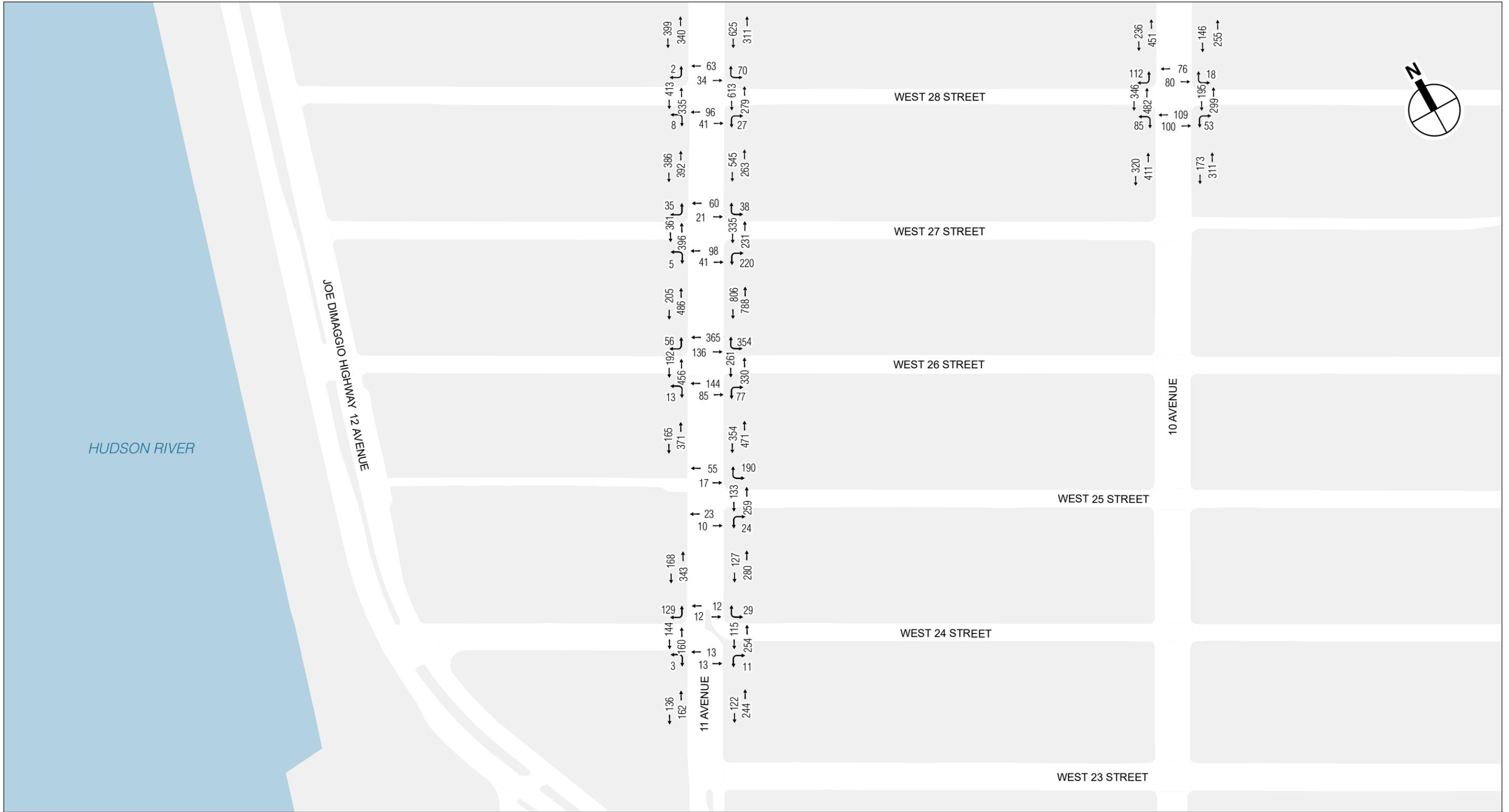
2031 With Action Pedestrian Volumes
 Proposed Project
 Saturday Evening Peak Hour
Figure TA-P48b



 Development Site
 Affected Area



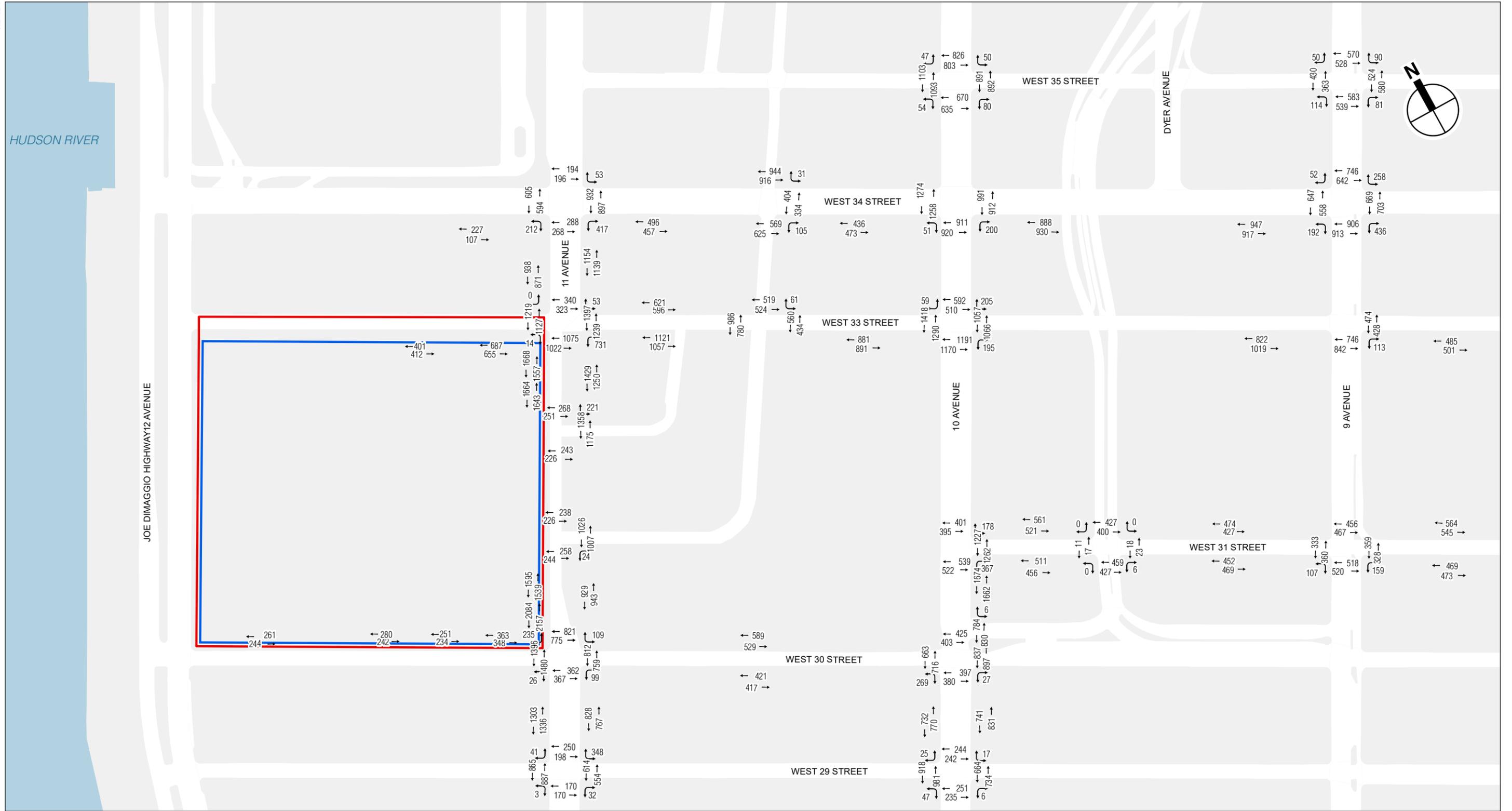
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday AM Peak Hour
Figure TA-P49a



 Development Site
 Affected Area



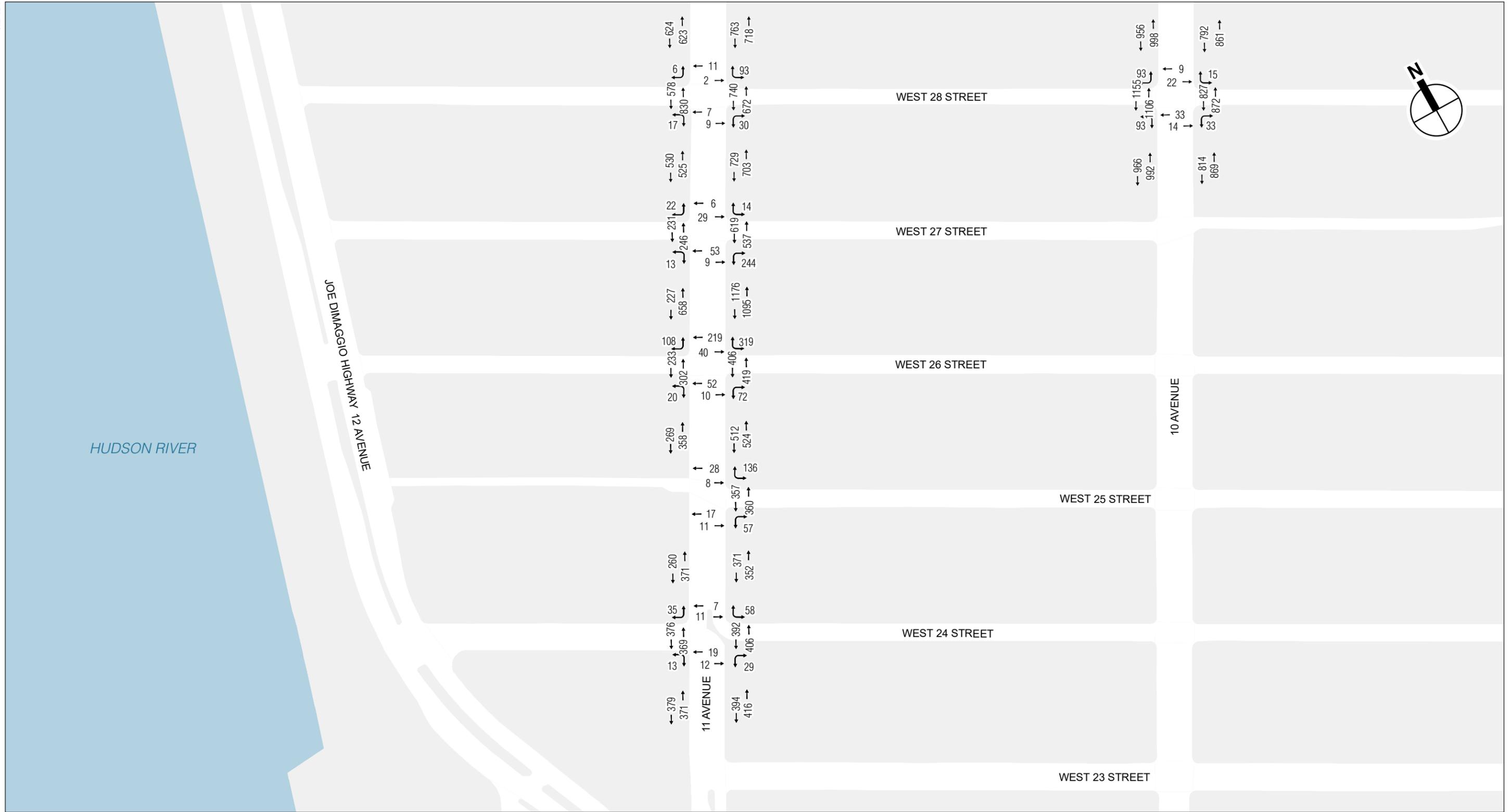
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday AM Peak Hour
Figure TA-P49b



Development Site
 Affected Area



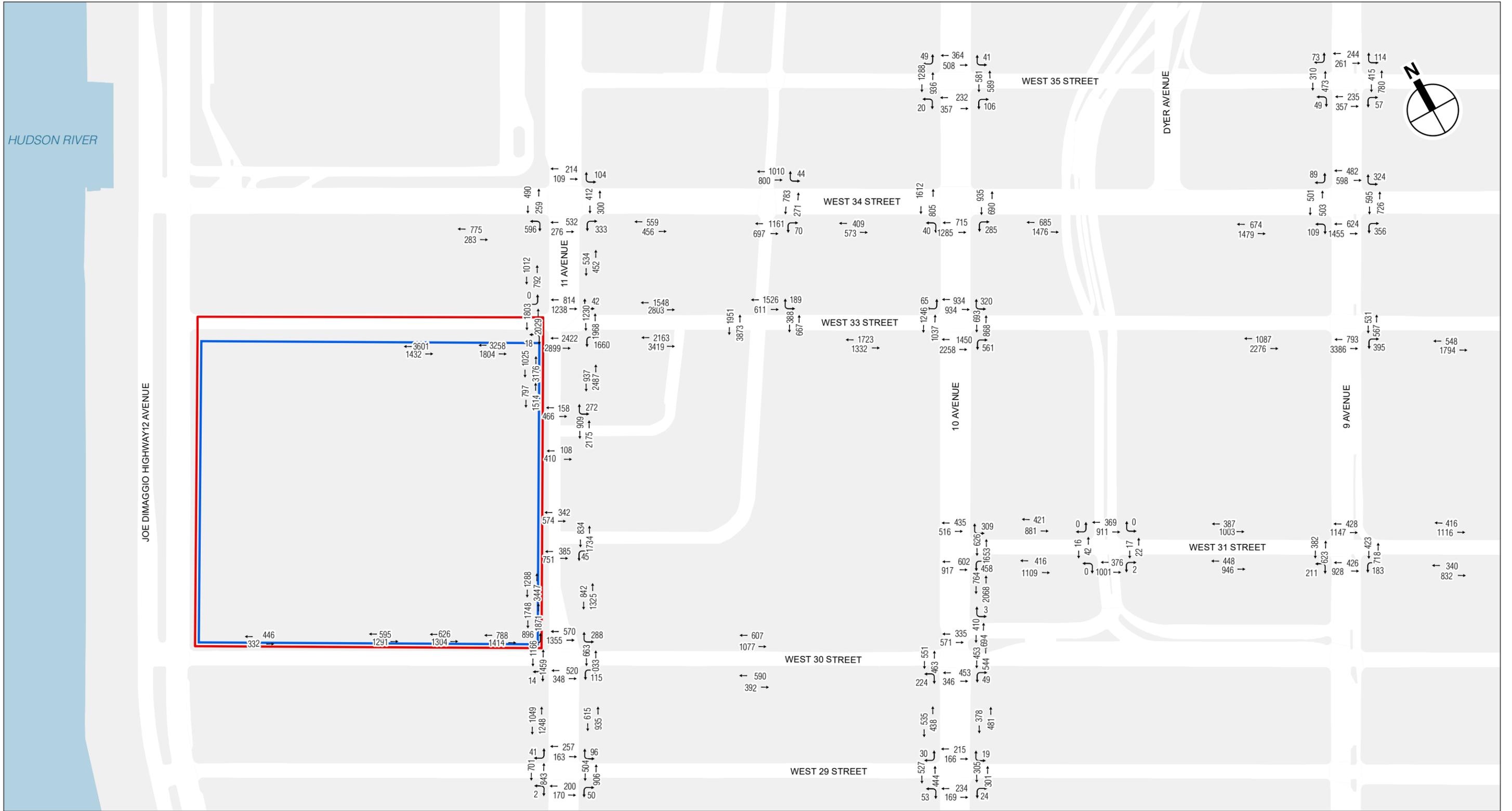
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday Midday Peak Hour
Figure TA-P50a



 Development Site
 Affected Area



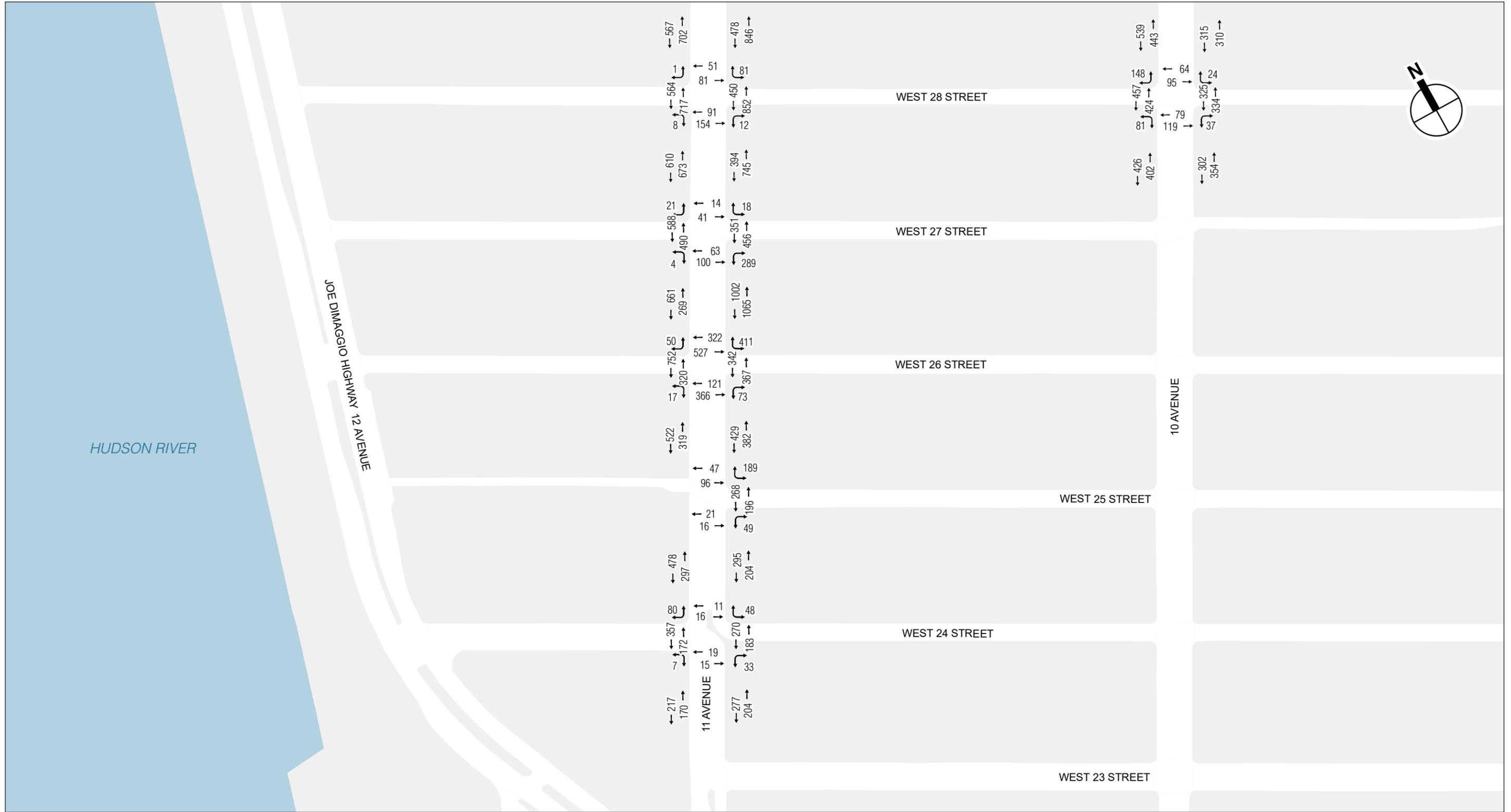
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday Midday Peak Hour
Figure TA-P50b



 Development Site
 Affected Area

0 600 FEET

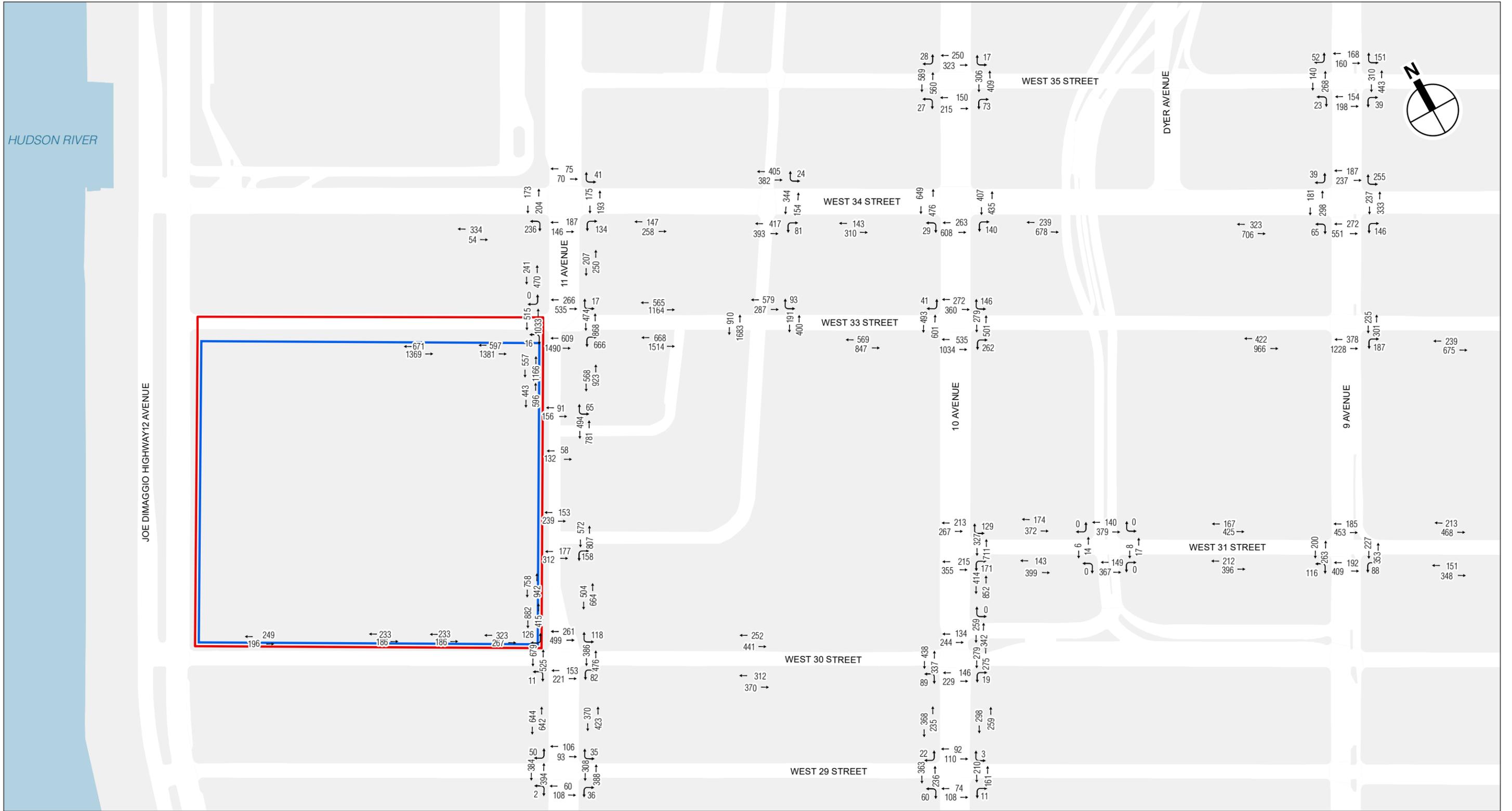
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday PM Peak Hour



 Development Site
 Affected Area



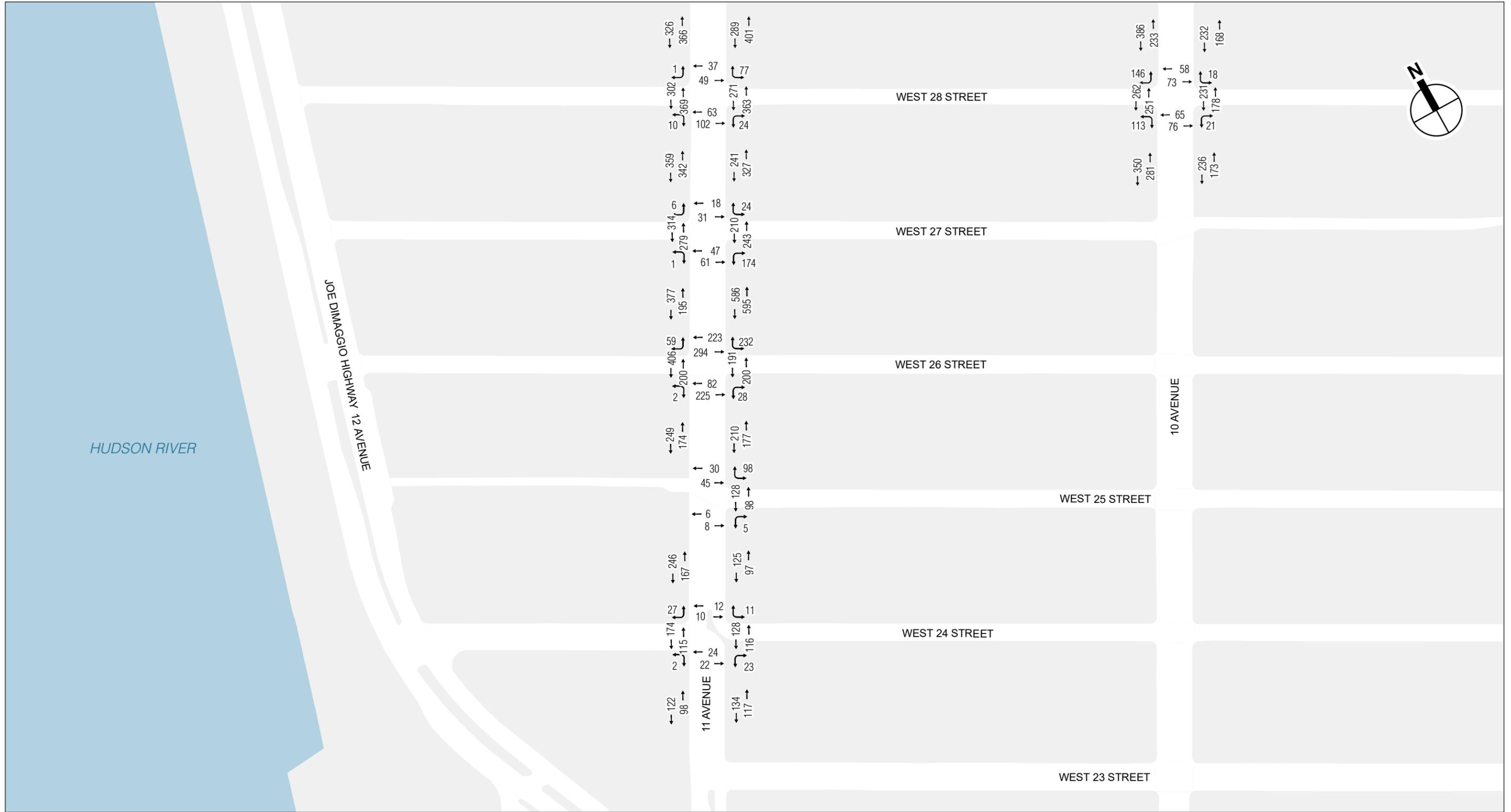
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday PM Peak Hour
Figure TA-P51b



Development Site
 Affected Area

0 600 FEET

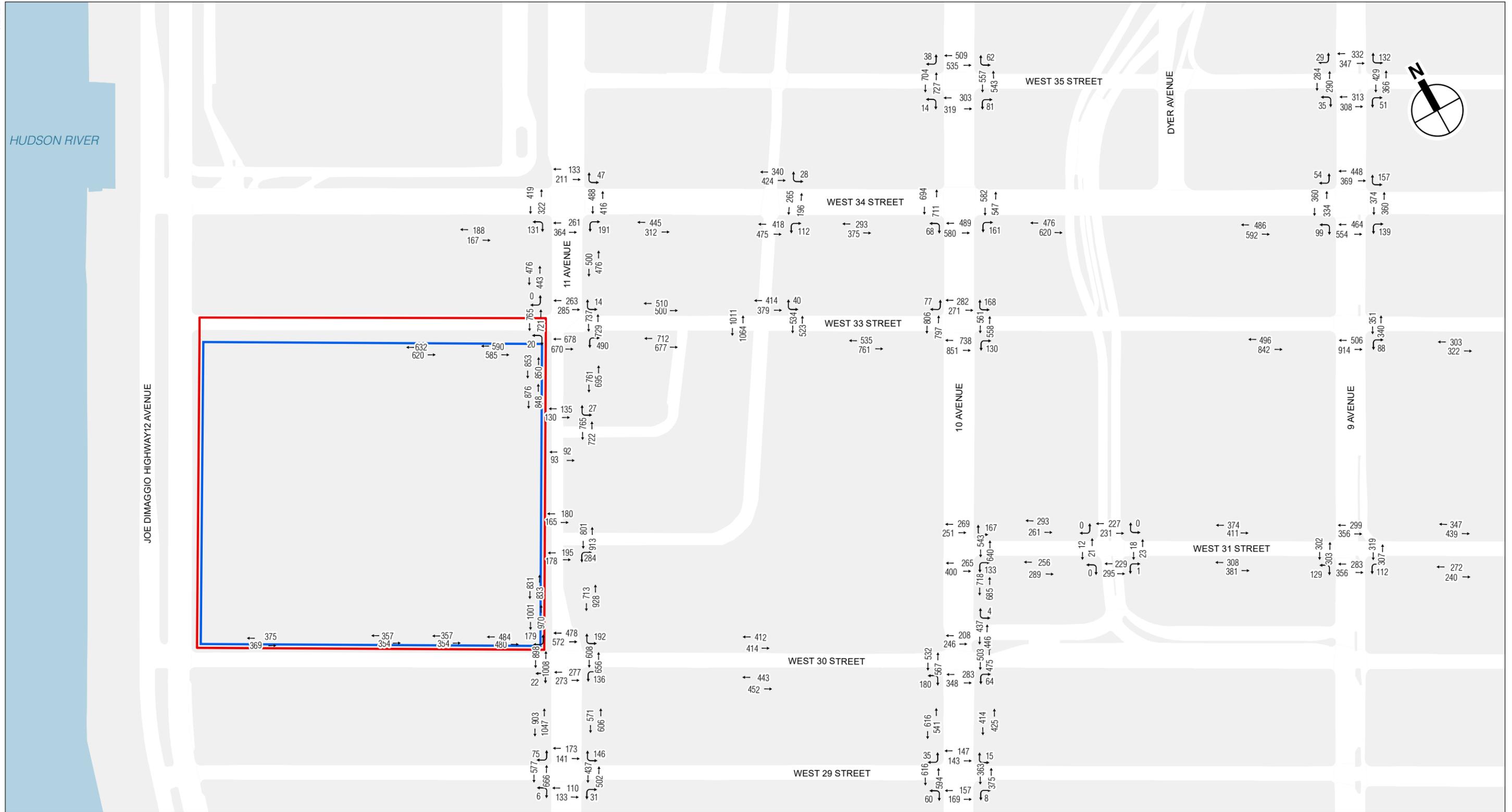
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday Evening Peak Hour



 Development Site
 Affected Area



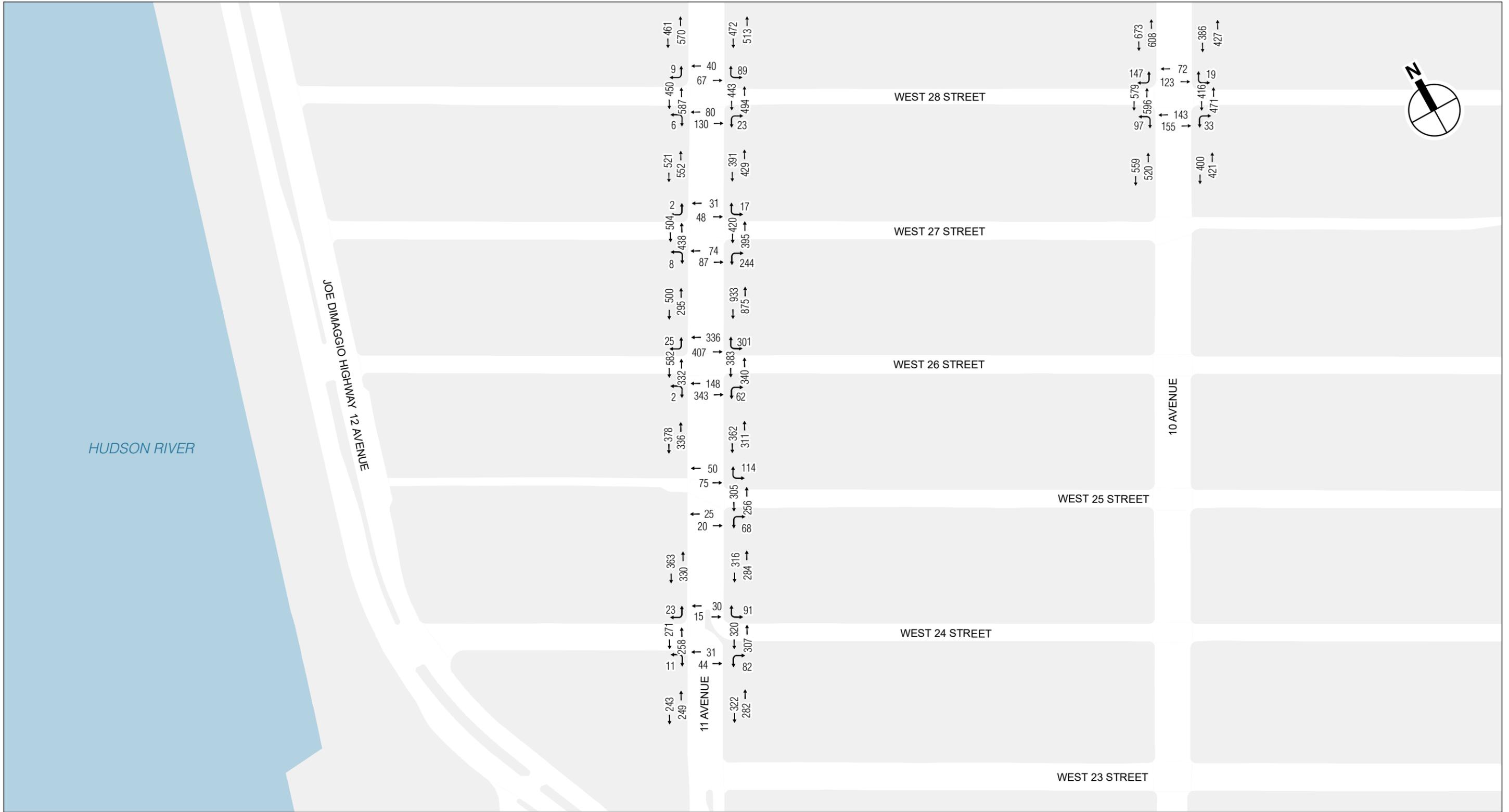
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Weekday Evening Peak Hour
Figure TA-P52b



 Development Site
 Affected Area



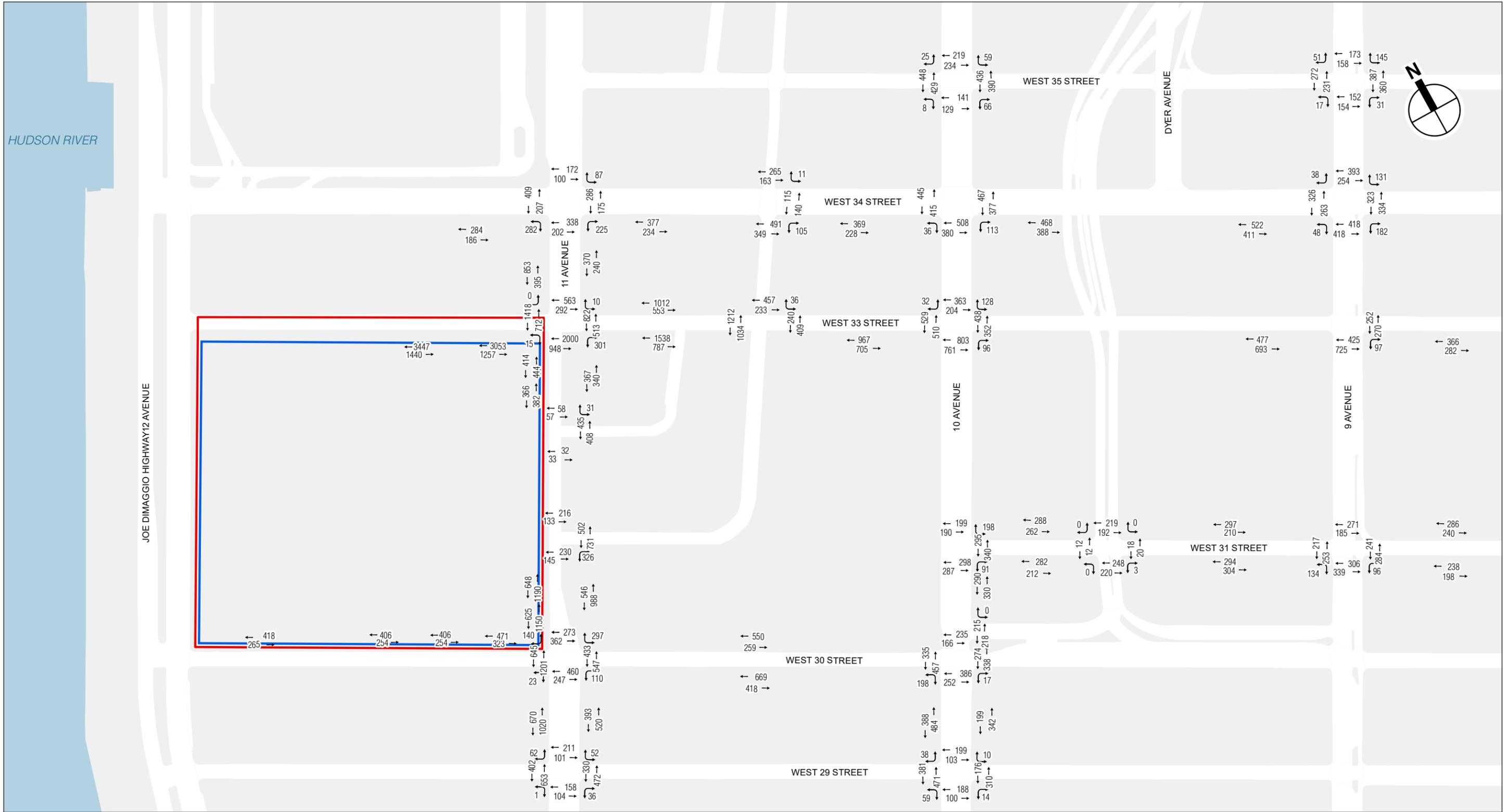
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Saturday Midday/Afternoon Peak Hour
Figure TA-P53a



 Development Site
 Affected Area



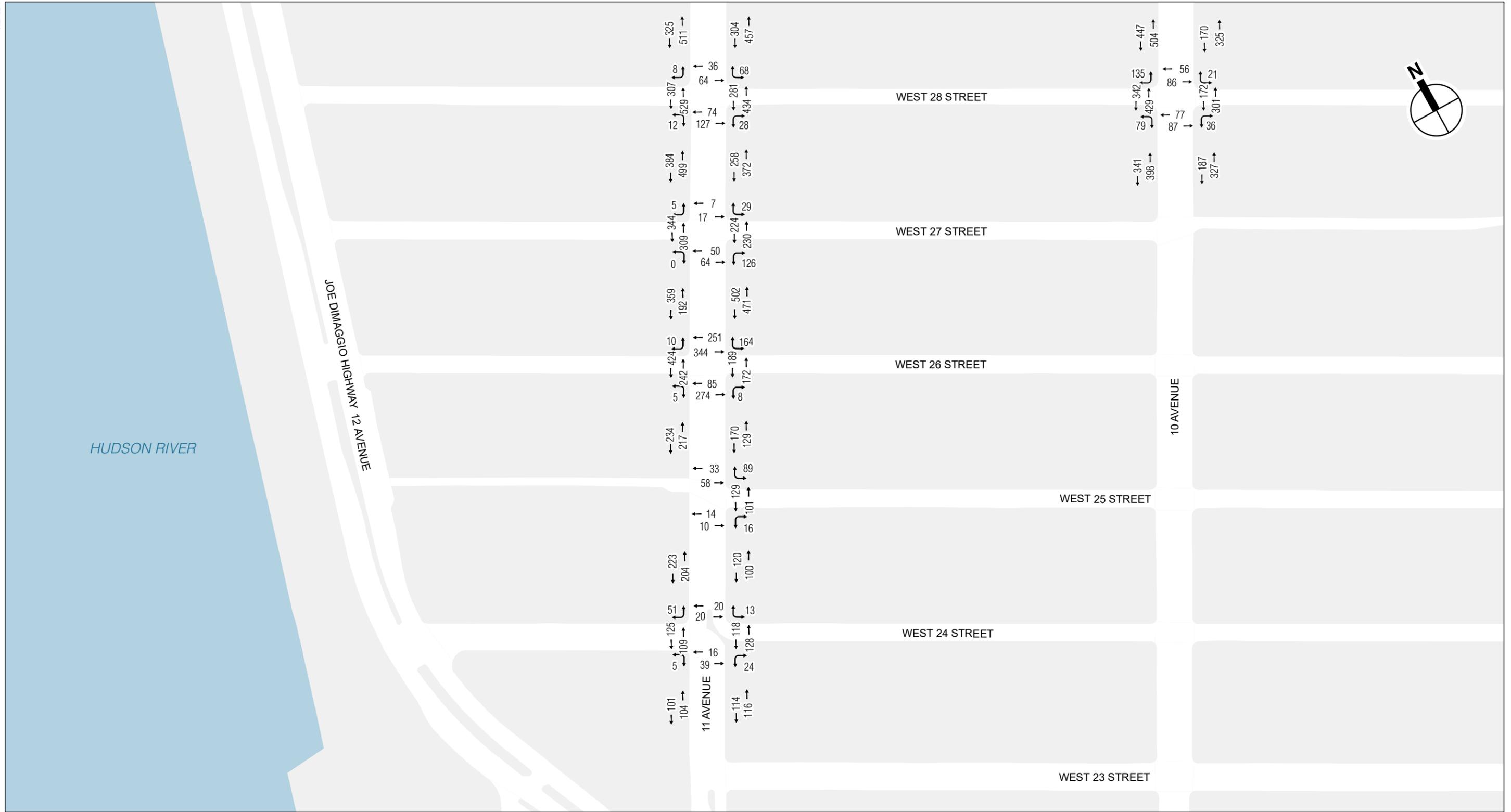
2031 With Action Pedestrian Volumes
 Alternative Scenario
 Saturday Midday/Afternoon Peak Hour



Development Site
 Affected Area



2031 With Action Pedestrian Volumes
 Alternative Scenario
 Saturday Evening Peak Hour
Figure TA-P54a



 Development Site
 Affected Area



2031 With Action Pedestrian Volumes
 Alternative Scenario
 Saturday Evening Peak Hour
Figure TA-P54b

Pedestrians Tables

Table TA-P1
Existing Conditions Sidewalks Level of Service Analysis
Weekday AM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North		Closed for construction			
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	329.0	0.65	342.7	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	248.0	0.69	239.8	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	140.0	0.83	857.1	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	104.0	0.74	719.9	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	165.0	0.79	242.1	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	51.0	0.75	423.4	B
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	48.0	0.52	1017.3	A
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South		Closed for NYPD parking			
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	104.0	0.65	719.9	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	522.0	0.86	214.4	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	207.0	0.86	269.8	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	203.0	0.85	239.8	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	309.0	0.80	206.0	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	201.0	0.77	387.6	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	264.0	0.78	169.1	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	194.0	0.85	378.8	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	182.0	0.78	403.3	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	205.0	0.81	457.0	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	165.0	0.69	449.9	B
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	205.0	0.80	337.4	B
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	165.0	0.55	95.5	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	132.0	0.72	586.9	A
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	148.0	0.69	499.9	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	129.0	0.75	627.8	A
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	91.0	0.63	449.9	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	101.0	0.77	599.9	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	499.0	0.79	194.7	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	255.0	0.91	771.4	A
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	1544.0	0.89	14.0	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	501.0	0.84	107.6	B
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	235.0	0.90	249.1	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	223.0	0.66	299.9	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	713.0	0.83	32.1	D
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	130.0	0.72	719.9	A
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	441.0	0.72	70.0	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	142.0	0.72	514.2	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	237.0	0.80	243.1	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	509.0	0.80	44.3	C
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	439.0	0.77	100.3	B
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	376.0	0.83	302.5	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	255.0	0.91	154.0	B
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	723.0	0.83	98.6	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	356.0	0.88	195.8	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	481.0	0.85	152.9	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	327.0	0.88	115.7	B

Table TA-P2
Existing Conditions Sidewalks Level of Service Analysis
Weekday Midday Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North		Closed for construction			
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	220.0	0.65	514.2	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	114.0	0.75	568.3	A
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	169.0	0.73	620.6	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	100.0	0.60	599.9	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	128.0	0.71	279.8	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	62.0	0.57	266.5	B
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	86.0	0.65	709.0	A
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South		Closed for NYPD parking			
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	105.0	0.75	822.8	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	509.0	0.83	210.2	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	192.0	0.73	245.3	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	201.0	0.76	218.0	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	277.0	0.74	212.7	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	179.0	0.76	427.0	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	218.0	0.81	214.7	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	141.0	0.78	479.9	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	165.0	0.70	396.5	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	154.0	0.71	533.2	A
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	174.0	0.75	465.4	B
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	219.0	0.83	327.1	B
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	140.0	0.66	135.5	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	125.0	0.74	642.8	A
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	155.0	0.75	519.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	121.0	0.66	586.9	A
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	74.0	0.69	599.9	A
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	71.0	0.61	682.7	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	573.0	0.81	172.6	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	135.0	0.75	1200.0	A
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	1176.0	0.82	17.8	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	498.0	0.92	119.6	B
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	424.0	0.75	114.5	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	226.0	0.83	370.5	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	309.0	0.80	74.4	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	175.0	0.86	635.2	A
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	408.0	0.78	82.5	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	151.0	0.84	559.9	A
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	194.0	0.81	299.9	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	517.0	0.84	46.1	C
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	477.0	0.78	93.6	B
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	245.0	0.85	474.9	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	135.0	0.75	239.8	B
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	692.0	0.92	113.9	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	358.0	0.83	183.1	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	470.0	0.88	162.1	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	320.0	0.82	110.9	B

Table TA-P3
Existing Conditions Sidewalks Level of Service Analysis
Weekday PM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North		Closed for construction			
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	440.0	0.65	256.2	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	345.0	0.69	172.3	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	179.0	0.83	670.3	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	103.0	0.74	726.9	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	133.0	0.79	300.5	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	115.0	0.75	187.6	B
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	66.0	0.52	739.9	A
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South		Closed for NYPD parking			
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	123.0	0.65	608.7	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	501.0	0.86	223.4	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	282.0	0.86	198.0	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	224.0	0.85	217.3	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	334.0	0.80	190.6	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	193.0	0.77	403.7	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	251.0	0.78	177.9	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	184.0	0.85	399.4	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	166.0	0.78	442.2	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	161.0	0.81	582.0	A
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	131.0	0.69	566.7	A
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	174.0	0.80	397.5	B
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	120.0	0.55	131.7	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	174.0	0.72	445.2	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	177.0	0.69	418.0	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	163.0	0.75	496.8	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	81.0	0.63	505.5	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	105.0	0.77	577.1	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	713.0	0.79	136.1	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	303.0	0.91	649.2	A
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	1728.0	0.89	11.9	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	745.0	0.84	72.0	C
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	289.0	0.90	202.4	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	276.0	0.66	242.2	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	660.0	0.83	34.9	D
Tenth Avenue between West 30th Street and West 29th Street	East	5.0	251.0	0.80	229.5	B
Tenth Avenue between West 30th Street and West 29th Street	West	2.0	434.0	0.80	52.3	C
Tenth Avenue between West 29th Street and West 28th Street	East	6.0	825.0	0.83	86.3	C
Tenth Avenue between West 28th Street and West 27th Street	East	5.5	351.0	0.88	198.6	B
Tenth Avenue between West 28th Street and West 27th Street	West	6.0	493.0	0.85	149.2	B
Tenth Avenue between West 29th Street and West 28th Street	West	3.0	337.0	0.88	112.3	B
West 31st Street between Dyer Avenue and Ninth Avenue	North	8.0	123.0	0.65	608.7	A
West 31st Street between Dyer Avenue and Ninth Avenue	South	9.0	501.0	0.86	223.4	B
West 34th Street between Dyer Avenue and Ninth Avenue	South	4.5	282.0	0.86	198.0	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	4.0	224.0	0.85	217.3	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	5.5	334.0	0.80	190.6	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	7.0	193.0	0.77	403.7	B

Table TA-P4

Existing Conditions Sidewalks Level of Service Analysis
Weekday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North					
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	173.0	0.76	757.8	A
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	68.0	0.63	799.9	A
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	66.0	0.72	1565.2	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	40.0	0.67	1680.0	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	99.0	0.75	381.7	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	31.0	0.65	599.9	A
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	23.0	0.58	2340.0	A
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South					
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	28.0	0.64	2618.2	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	342.0	0.78	294.4	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	148.0	0.88	385.6	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	151.0	0.86	327.1	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	204.0	0.85	329.9	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	183.0	0.68	376.0	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	177.0	0.82	266.5	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	145.0	0.57	337.4	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	120.0	0.61	477.5	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	129.0	0.61	543.3	A
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	76.0	0.68	964.2	A
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	183.0	0.64	299.9	B
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	47.0	0.69	423.4	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	76.0	0.73	1038.4	A
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	49.0	0.58	1285.7	A
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	79.0	0.58	794.1	A
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	59.0	0.78	852.6	A
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	65.0	0.74	900.0	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	271.0	0.83	373.1	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	145.0	0.67	1000.0	A
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	734.0	0.80	30.0	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	512.0	0.80	100.2	B
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	162.0	0.76	305.5	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	209.0	0.80	387.6	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	211.0	0.70	95.5	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	219.0	0.74	437.7	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	397.0	0.87	94.3	B
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	194.0	0.76	393.6	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	219.0	0.78	257.0	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	485.0	0.83	48.4	C
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	456.0	0.84	106.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	207.0	0.73	481.6	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	145.0	0.67	199.8	B
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	486.0	0.80	142.7	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	162.0	0.75	366.5	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	301.0	0.89	253.9	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	192.0	0.75	168.5	B

Table TA-P5
Existing Conditions Sidewalks Level of Service Analysis
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North		Closed for construction			
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	400.0	0.83	360.3	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	186.0	0.80	373.1	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	94.0	0.65	1000.0	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	71.0	0.63	900.0	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	65.0	0.65	503.9	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	76.0	0.73	276.8	B
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	122.0	0.59	449.9	B
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South		Closed for NYPD parking			
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	111.0	0.82	847.0	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	480.0	0.72	195.0	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	331.0	0.66	129.3	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	275.0	0.74	154.5	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	266.0	0.75	222.3	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	220.0	0.75	345.1	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	191.0	0.73	221.3	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	117.0	0.73	539.9	A
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	122.0	0.58	441.4	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	121.0	0.80	757.8	A
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	136.0	0.74	586.9	A
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	139.0	0.72	449.9	B
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	130.0	0.77	171.2	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	146.0	0.69	509.3	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	210.0	0.85	435.4	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	217.0	0.73	364.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	110.0	0.69	404.9	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	109.0	0.78	565.6	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	532.0	0.83	189.8	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	300.0	0.63	449.9	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	949.0	0.88	25.0	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	687.0	0.80	75.1	C
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	291.0	0.83	183.8	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	369.0	0.82	222.8	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	263.0	0.79	86.2	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	237.0	0.79	431.9	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	675.0	0.60	37.3	D
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	250.0	0.84	340.4	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	288.0	0.81	202.0	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	591.0	0.65	30.0	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	763.0	0.58	42.7	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	518.0	0.87	229.3	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	207.0	0.73	151.8	B
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	541.0	0.73	116.4	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	343.0	0.82	190.1	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	546.0	0.83	131.4	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	280.0	0.72	110.9	B

Table TA-P6
Existing Conditions Sidewalks Level of Service Analysis
Saturday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between Twelfth Avenue and Eleventh Avenue	North	Closed for construction				
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	179.0	0.80	772.2	A
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	96.0	0.80	719.9	A
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	68.0	0.63	1333.3	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	31.0	0.48	1575.0	A
Eleventh Avenue between West 33rd Street and Equinox Hotel Driveway	East	3.5	37.0	0.58	787.4	A
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	2.0	56.0	0.58	299.9	B
Eleventh Avenue between West 33rd Street and West 30th Street	West	6.5	132.0	0.65	458.7	B
West 33rd Street between Twelfth Avenue and Eleventh Avenue	South	Closed for NYPD parking				
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	64.0	0.70	1252.1	A
Eleventh Avenue between Vessel Driveway and West 30th Street	East	9.0	479.0	0.73	196.1	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	378.0	0.67	114.5	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	288.0	0.82	163.4	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	263.0	0.83	250.5	B
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	233.0	0.70	303.5	B
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	184.0	0.78	243.9	B
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	128.0	0.68	459.5	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	134.0	0.74	519.9	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.0	122.0	0.71	669.7	A
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	100.0	0.58	627.8	A
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	100.0	0.76	654.5	A
Eleventh Avenue between West 26th Street and West 25th Street	East	2.0	69.0	0.58	239.8	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	85.0	0.71	900.0	A
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	75.0	0.67	964.2	A
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	85.0	0.69	870.9	A
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	68.0	0.71	674.9	A
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	62.0	0.78	990.0	A
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	317.0	0.72	278.0	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	159.0	0.76	1038.4	A
West 33rd Street between Tenth Avenue and Ninth Avenue	South	2.0	755.0	0.80	29.2	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	556.0	0.83	96.0	B
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	288.0	0.64	144.3	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	316.0	0.83	265.1	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	2.0	201.0	0.71	101.0	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	208.0	0.87	539.9	A
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	565.0	0.76	57.0	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	209.0	0.75	359.9	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	254.0	0.77	216.7	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	506.0	0.76	42.1	C
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	698.0	0.87	71.4	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	246.0	0.77	427.4	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	166.0	0.77	199.8	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	297.0	0.74	195.8	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	276.0	0.85	266.5	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	197.0	0.77	168.5	B

Table TA-P7

Existing Conditions Corners Level of Service Analysis

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour		Weekday Evening Peak Hour		Saturday Midday/Afternoon Peak Hour		Saturday Evening Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS
		Eleventh Avenue and West 34th Street	Northeast	591.9	A	884.0	A	432.7	A	696.9	A	281.5	A
	Southwest	588.9	A	944.4	A	435.4	A	978.1	A	457.0	A	754.0	A
	Southeast	838.9	A	1415.0	A	594.7	A	1274.1	A	702.6	A	1109.7	A
	Northwest	975.3	A	1195.0	A	799.6	A	2121.3	A	624.7	A	1483.1	A
Eleventh Avenue and West 33rd Street	Northeast	840.3	A	878.8	A	708.2	A	1684.0	A	710.3	A	1189.2	A
	Southwest	921.3	A	950.0	A	592.8	A	1908.7	A	423.3	A	587.6	A
	Southeast	828.9	A	859.5	A	614.9	A	1691.6	A	469.9	A	550.8	A
	Northwest	1350.9	A	1867.8	A	1299.1	A	3024.7	A	1185.5	A	1394.0	A
Eleventh Avenue and West 30th Street	Northeast	323.4	A	461.7	A	309.4	A	569.7	A	286.0	A	357.1	A
	Southwest	453.4	A	471.7	A	479.5	A	884.0	A	400.8	A	421.9	A
	Southeast	127.7	A	167.2	A	117.5	A	183.0	A	130.6	A	143.0	A
	Northwest	427.4	A	585.5	A	537.0	A	644.9	A	480.1	A	593.7	A
Eleventh Avenue and West 29th Street	Northeast	298.5	A	410.3	A	301.2	A	522.3	A	369.1	A	406.6	A
	Southwest	621.2	A	711.3	A	697.8	A	943.0	A	709.3	A	947.7	A
	Southeast	315.9	A	369.1	A	284.6	A	479.1	A	419.3	A	452.9	A
	Northwest	297.8	A	422.3	A	286.9	A	444.4	A	509.8	A	474.9	A
Eleventh Avenue and West 28th Street	Northeast	416.9	A	553.4	A	403.6	A	527.8	A	509.7	A	633.5	A
	Southwest	638.6	A	804.2	A	564.1	A	780.5	A	1033.6	A	758.1	A
	Southeast	583.5	A	725.6	A	548.1	A	715.4	A	726.2	A	706.1	A
	Northwest	169.2	A	198.1	A	233.5	A	299.6	A	287.9	A	397.3	A
Eleventh Avenue and West 27th Street	Northeast	343.4	A	352.3	A	392.3	A	457.1	A	349.1	A	451.1	A
	Southwest	345.4	A	344.9	A	442.8	A	565.9	A	508.2	A	744.5	A
	Southeast	345.9	A	317.2	A	349.1	A	500.1	A	352.2	A	489.8	A
	Northwest	232.5	A	267.7	A	224.5	A	410.4	A	366.0	A	502.4	A
Eleventh Avenue and West 26th Street	Northeast	223.3	A	317.8	A	241.0	A	594.1	A	283.4	A	497.8	A
	Southwest	394.2	A	473.1	A	386.5	A	692.4	A	442.4	A	610.7	A
	Southeast	226.4	A	297.8	A	226.1	A	404.0	A	167.5	A	342.4	A
Eleventh Avenue and West 25th Street	Northeast							Closed for construction					
	Southwest	480.5	A	472.4	A	449.6	A	1375.0	A	397.3	A	739.6	A
	Northwest	1989.0	A	2430.1	A	1297.8	A	1725.0	A	990.2	A	1635.1	A
Eleventh Avenue and West 24th Street	Northeast	625.6	A	609.0	A	531.2	A	1035.5	A	290.7	A	644.0	A
	Southwest	1083.4	A	1183.3	A	688.4	A	862.0	A	534.3	A	737.7	A
	Southeast	672.4	A	674.5	A	553.5	A	791.2	A	296.9	A	583.9	A
	Northwest	786.5	A	854.9	A	821.4	A	1077.3	A	693.6	A	1136.5	A
Hudson Boulevard East and West 34th Street	Southwest	265.7	A	266.4	A	228.3	A	324.4	A	211.8	A	298.9	A
Hudson Boulevard East and West 33rd Street	Northeast	192.8	A	293.4	A	177.7	A	352.9	A	280.3	A	435.2	A
	Northwest	192.0	A	223.9	A	174.9	A	299.5	A	213.4	A	270.3	A
	Northwest	223.2	A	200.6	A	181.8	A	271.9	A	193.3	A	165.5	A
	Southwest	255.2	A	239.5	A	215.8	A	354.9	A	323.7	A	415.1	A
	Southwest	343.5	A	260.5	A	245.2	A	346.7	A	336.8	A	305.2	A
Tenth Avenue and West 34th Street	Southwest	157.5	A	162.2	A	125.9	A	303.3	A	175.4	A	273.1	A
	Southeast	189.2	A	163.9	A	131.0	A	281.9	A	200.5	A	280.5	A
	Northwest	172.3	A	167.2	A	137.3	A	314.0	A	225.5	A	334.3	A
Tenth Avenue and West 33rd Street	Northeast	75.7	A	84.5	A	60.5	A	157.8	A	132.1	A	166.0	A
	Southeast	96.6	A	101.1	A	81.7	A	164.3	A	138.4	A	151.2	A
	Northwest	208.9	A	98.1	A	136.7	A	202.3	A	122.4	A	162.0	A
	Southeast	80.2	A	71.1	A	64.9	A	145.2	A	102.2	A	119.8	A
Tenth Avenue and Dyer Avenue	Northeast	103.2	A	78.1	A	62.5	A	73.5	A	64.2	A	80.1	A
Tenth Avenue and West 30th Street	Southwest	214.6	A	223.7	A	168.8	A	229.3	A	168.5	A	206.6	A
	Southwest	738.1	A	615.4	A	454.9	A	636.8	A	386.6	A	467.6	A
	Northwest	191.1	A	193.8	A	166.9	A	213.0	A	122.3	A	167.3	A
Tenth Avenue and West 29th Street	Northeast	578.1	A	498.0	A	306.5	A	406.3	A	310.3	A	362.0	A
	Southwest	156.9	A	188.6	A	159.8	A	214.8	A	120.6	A	163.6	A
	Southeast	513.5	A	609.2	A	337.7	A	470.0	A	353.5	A	380.4	A
	Northwest	146.7	A	135.8	A	173.1	A	228.9	A	118.2	A	164.8	A
Tenth Avenue and West 28th Street	Northeast	309.9	A	421.2	A	305.7	A	373.0	A	253.0	A	382.6	A
	Southwest	104.5	A	98.7	A	137.5	A	176.6	A	81.0	A	133.7	A
	Southeast	285.9	A	450.3	A	319.0	A	390.7	A	225.7	A	392.4	A
	Northwest	223.7	A	231.2	A	119.5	A	288.4	A	183.7	A	221.4	A
Dyer Avenue and West 31st Street	Northeast	118.1	A	152.9	A	103.9	A	222.9	A	131.3	A	149.8	A
	Southwest	92.3	A	197.4	A	58.4	B	196.8	A	172.9	A	241.7	A
	Southeast	42.1	B	147.4	A	69.3	A	175.3	A	146.3	A	184.6	A
	Northwest	108.1	A	172.0	A	143.1	A	243.0	A	166.7	A	206.8	A
Ninth Avenue and West 35th Street	Northeast	87.1	A	94.9	A	78.8	A	105.0	A	105.7	A	103.8	A
	Southwest	129.4	A	188.0	A	151.9	A	266.9	A	218.6	A	271.7	A
	Southeast	102.7	A	109.7	A	86.1	A	135.9	A	148.2	A	138.1	A
	Northwest	122.3	A	140.5	A	123.2	A	290.4	A	196.0	A	242.7	A
Ninth Avenue and West 34th Street	Northeast	116.0	A	112.5	A	98.9	A	220.7	A	192.1	A	187.0	A
	Southwest	133.1	A	111.7	A	105.1	A	265.9	A	173.7	A	220.7	A
	Southeast	189.8	A	127.1	A	121.0	A	301.3	A	247.0	A	240.0	A
Ninth Avenue and West 33rd Street	Southeast	148.4	A	263.8	A	131.4	A	276.1	A	257.5	A	331.4	A
Ninth Avenue and West 31st Street	Southwest	99.0	A	131.1	A	79.8	A	168.8	A	118.5	A	126.1	A
	Southeast	75.2	A	107.8	A	76.0	A	158.2	A	110.9	A	127.9	A

Table TA-P8
Existing Conditions Crosswalks Level of Service Analysis
Weekday AM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	106	285.0	A
	North	70.0	17.0	69	424.3	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	115	335.3	A
	South	70.0	11.5	28	342.9	A
	West	34.0	15.0	63	588.8	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	112	144.8	A
	East	34.0	11.5	404	58.7	B
	South	70.0	12.0	137	179.5	A
	West	34.0	15.0	104	368.2	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	197	188.9	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	224	162.8	A
	West	33.5	14.0	217	190.3	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	147	231.8	A
	West	34.0	13.0	257	161.3	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	143	229.7	A
	West	34.0	14.0	175	223.9	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	132	236.1	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	132	72.1	A
	West	48.0	18.0	72	787.3	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	406	114.7	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	533	23.8	D
Tenth Avenue and West 34th Street	South	70.0	20.0	576	66.7	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	1451	19.5	D
Tenth Avenue and West 31st Street	East	34.0	17.0	369	133.2	A
	South	60.0	14.0	692	36.6	C
Tenth Avenue and Dyer Avenue	East	36.0	14.0	188	163.9	A
Tenth Avenue and West 30th Street	North	55.0	14.0	114	168.0	A
Tenth Avenue and West 29th Street	West	34.0	12.5	494	56.7	B
Tenth Avenue and West 28th Street	East	30.0	12.0	246	106.1	A
	West	30.0	12.5	588	52.1	B
Dyer Avenue and West 31st Street	North	51.0	8.0	175	53.8	B
	South	52.0	8.0	521	16.5	D
Ninth Avenue and West 34th Street	South	52.0	22.0	715	49.1	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	1785	15.3	D
Ninth Avenue and West 31st Street	North	39.0	16.0	462	49.8	B
	South	42.0	14.0	522	30.5	C

Table TA-P9
Existing Conditions Crosswalks Level of Service Analysis
Weekday Midday Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	61	457.9	A
	North	70.0	17.0	30	819.9	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	106	328.4	A
	South	70.0	11.5	24	570.8	A
	West	34.0	15.0	78	537.3	A
	North	61.0	9.5	103	207.2	A
Eleventh Avenue and West 30th Street	East	34.0	11.5	264	88.4	A
	South	70.0	12.0	116	217.9	A
	West	34.0	15.0	83	427.4	A
	North	61.0	9.5	103	207.2	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	152	248.3	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	156	254.9	A
	West	33.5	14.0	161	271.9	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	165	211.3	A
	West	34.0	13.0	212	191.6	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	102	314.7	A
	West	34.0	14.0	115	271.8	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	121	307.6	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	109	94.4	A
	West	48.0	18.0	47	1148.1	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	359	135.2	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	667	18.0	D
Tenth Avenue and West 34th Street	South	70.0	20.0	593	64.1	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	1349	22.3	D
Tenth Avenue and West 31st Street	East	34.0	17.0	643	66.3	A
	South	60.0	14.0	598	43.3	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	245	113.4	A
Tenth Avenue and West 30th Street	North	55.0	14.0	95	157.0	A
Tenth Avenue and West 29th Street	West	34.0	12.5	492	63.3	A
	East	30.0	12.0	211	150.3	A
Tenth Avenue and West 28th Street	West	30.0	12.5	795	41.7	B
	North	51.0	8.0	173	51.8	B
Dyer Avenue and West 31st Street	South	52.0	8.0	229	44.5	B
	North	51.0	8.0	173	51.8	B
Ninth Avenue and West 34th Street	South	52.0	22.0	863	40.2	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	895	42.0	B
Ninth Avenue and West 31st Street	North	39.0	16.0	288	82.9	A
	South	42.0	14.0	392	47.1	B

Table TA-P10
Existing Conditions Crosswalks Level of Service Analysis
Weekday PM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	140	223.1	A
	North	70.0	17.0	63	462.2	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	160	243.6	A
	South	70.0	11.5	50	256.8	A
	West	34.0	15.0	89	391.1	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	107	153.4	A
	East	34.0	11.5	464	48.0	B
	South	70.0	12.0	112	216.7	A
	West	34.0	15.0	123	310.4	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	160	236.8	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	236	156.2	A
	West	33.5	14.0	214	177.3	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	153	212.6	A
	West	34.0	13.0	198	212.5	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	131	256.0	A
	West	34.0	14.0	171	244.2	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	141	230.6	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	135	71.9	A
	West	48.0	18.0	117	484.1	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	517	88.9	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1084	9.2	E
Tenth Avenue and West 34th Street	South	70.0	20.0	776	51.5	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1758	16.2	D
Tenth Avenue and West 31st Street	East	34.0	17.0	568	85.5	A
	South	60.0	14.0	789	29.2	C
Tenth Avenue and Dyer Avenue	East	36.0	14.0	312	80.9	A
Tenth Avenue and West 30th Street	North	55.0	14.0	119	175.7	A
Tenth Avenue and West 29th Street	West	34.0	12.5	541	52.2	B
	East	30.0	12.0	252	104.4	A
Tenth Avenue and West 28th Street	West	30.0	12.5	449	70.8	A
	North	51.0	8.0	267	27.8	C
Dyer Avenue and West 31st Street	South	52.0	8.0	514	16.6	D
Ninth Avenue and West 34th Street	South	52.0	22.0	952	34.5	C
Ninth Avenue and West 33rd Street	South	39.0	22.0	2278	11.8	E
	North	39.0	16.0	564	40.7	B
Ninth Avenue and West 31st Street	South	42.0	14.0	506	28.0	C

Table TA-P11

Existing Conditions Crosswalks Level of Service Analysis
Weekday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	73	372.6	A
	North	70.0	17.0	24	894.8	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	57	695.7	A
	South	70.0	11.5	14	738.9	A
	West	34.0	15.0	31	1279.7	A
	North	61.0	9.5	47	366.7	A
Eleventh Avenue and West 30th Street	East	34.0	11.5	261	87.5	A
	South	70.0	12.0	63	394.8	A
	West	34.0	15.0	48	623.3	A
	North	61.0	9.5	47	366.7	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	109	323.8	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	128	247.8	A
	West	33.5	14.0	127	292.5	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	114	302.6	A
	West	34.0	13.0	130	255.3	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	75	516.6	A
	West	34.0	14.0	118	392.2	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	52	606.2	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	72	147.0	A
	West	48.0	18.0	81	711.0	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	283	144.0	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	607	17.0	D
Tenth Avenue and West 34th Street	South	70.0	20.0	312	129.4	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	790	36.8	C
Tenth Avenue and West 31st Street	East	34.0	17.0	331	129.3	A
	South	60.0	14.0	294	83.8	A
Tenth Avenue and Dyer Avenue	East	36.0	14.0	247	96.2	A
Tenth Avenue and West 30th Street	North	55.0	14.0	79	226.6	A
Tenth Avenue and West 29th Street	West	34.0	12.5	435	71.0	A
Tenth Avenue and West 28th Street	East	30.0	12.0	221	124.1	A
	West	30.0	12.5	344	99.5	A
Dyer Avenue and West 31st Street	North	51.0	8.0	135	59.3	B
	South	52.0	8.0	185	45.7	B
Ninth Avenue and West 34th Street	South	52.0	22.0	369	100.2	A
Ninth Avenue and West 33rd Street	South	39.0	22.0	859	31.1	C
Ninth Avenue and West 31st Street	North	39.0	16.0	268	80.9	A
	South	42.0	14.0	276	59.1	B

Table TA-P12

Existing Conditions Crosswalks Level of Service Analysis
Saturday Midday/Afternoon Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	185	191.1	A
	North	70.0	17.0	85	363.1	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	157	231.2	A
	South	70.0	11.5	70	150.1	A
	West	34.0	15.0	139	310.5	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	159	149.2	A
	East	34.0	11.5	338	58.7	B
	South	70.0	12.0	143	205.3	A
	West	34.0	15.0	135	250.6	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	138	242.5	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	154	225.2	A
	West	33.5	14.0	128	330.2	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	181	188.1	A
	West	34.0	13.0	155	222.9	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	159	179.6	A
	West	34.0	14.0	161	234.7	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	165	229.1	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	239	40.1	B
	West	48.0	18.0	135	389.8	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	509	90.4	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	873	12.1	E
Tenth Avenue and West 34th Street	South	70.0	20.0	474	78.1	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	1055	31.1	C
Tenth Avenue and West 31st Street	East	34.0	17.0	513	88.2	A
	South	60.0	14.0	455	63.4	A
Tenth Avenue and Dyer Avenue	East	36.0	14.0	341	75.4	A
Tenth Avenue and West 30th Street	North	55.0	14.0	139	148.3	A
Tenth Avenue and West 29th Street	West	34.0	12.5	707	37.2	C
	East	30.0	12.0	355	81.7	A
Tenth Avenue and West 28th Street	West	30.0	12.5	648	40.7	B
	North	51.0	8.0	197	35.9	C
Dyer Avenue and West 31st Street	South	52.0	8.0	243	42.8	B
Ninth Avenue and West 34th Street	South	52.0	22.0	593	64.6	A
Ninth Avenue and West 33rd Street	South	39.0	22.0	1031	34.1	C
Ninth Avenue and West 31st Street	North	39.0	16.0	416	62.6	A
	South	42.0	14.0	373	48.9	B

Table TA-P13

Existing Conditions Crosswalks Level of Service Analysis
Saturday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	44.5	15.5	91	378.6	A
	North	70.0	17.0	28	819.8	A
Eleventh Avenue and West 33rd Street	East	33.0	12.5	98	338.5	A
	South	70.0	11.5	64	129.0	A
	West	34.0	15.0	56	752.7	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	102	145.1	A
	East	34.0	11.5	324	68.3	A
	South	70.0	12.0	127	192.1	A
	West	34.0	15.0	77	396.5	A
Eleventh Avenue and West 29th Street	West	34.0	15.5	123	290.3	A
Eleventh Avenue and West 28th Street	East	35.0	14.5	144	255.8	A
	West	33.5	14.0	122	305.6	A
Eleventh Avenue and West 27th Street	East	36.0	12.0	123	246.6	A
	West	34.0	13.0	105	320.5	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	93	312.3	A
	West	34.0	14.0	98	306.2	A
Eleventh Avenue and West 25th Street	East	24.0	15.0	85	353.6	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	101	94.3	A
	West	48.0	18.0	76	729.6	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	361	138.2	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	555	19.2	D
Tenth Avenue and West 34th Street	South	70.0	20.0	342	126.8	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	837	32.2	C
Tenth Avenue and West 31st Street	East	34.0	17.0	426	106.8	A
	South	60.0	14.0	339	70.4	A
Tenth Avenue and Dyer Avenue	East	36.0	14.0	273	104.2	A
Tenth Avenue and West 30th Street	North	55.0	14.0	135	149.5	A
Tenth Avenue and West 29th Street	West	34.0	12.5	587	53.7	B
	East	30.0	12.0	211	137.3	A
Tenth Avenue and West 28th Street	West	30.0	12.5	508	62.6	A
	North	51.0	8.0	152	43.9	B
	South	52.0	8.0	175	56.7	B
Ninth Avenue and West 34th Street	South	52.0	22.0	506	65.9	A
Ninth Avenue and West 33rd Street	South	39.0	22.0	755	49.0	B
	North	39.0	16.0	205	112.4	A
Ninth Avenue and West 31st Street	South	42.0	14.0	366	48.5	B

Table TA-P14

2031 No Action Condition Sidewalks Level of Service Analysis
Weekday AM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1638	0.86	117.1	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	618	0.65	182.3	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	385	0.69	154.3	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	624	0.83	192.1	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	710	0.75	75.5	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	3069	0.74	22.6	E
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1833	0.79	55.3	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3897	0.75	8.9	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	4063	0.52	21.2	E
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2608	0.75	20.8	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	846	0.65	88.0	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2550	0.52	40.2	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1975	0.52	42.7	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1430	0.86	77.8	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	703	0.86	78.9	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	533	0.85	90.9	B
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1911	0.52	44.1	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1515	0.86	85.6	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1113	0.80	56.5	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1291	0.77	59.6	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	961	0.78	45.6	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	724	0.85	101.1	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	800	0.78	91.3	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	727	0.81	136.6	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1579	0.69	46.1	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	633	0.80	108.9	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	810	0.55	72.7	C
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	478	0.72	161.8	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	392	0.69	188.5	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	351	0.75	230.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	283	0.63	144.4	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	453	0.77	133.4	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1715	0.79	55.9	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	655	0.91	300.2	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3249	0.89	8.1	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2348	0.84	21.1	E
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	976	0.90	59.3	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2865	0.66	21.4	E
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1090	0.83	65.0	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	705	0.72	132.4	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	682	0.72	44.7	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	426	0.72	171.2	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	476	0.80	120.7	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	723	0.80	30.5	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	712	0.77	61.4	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1119	0.83	101.3	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	787	0.91	49.1	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1843	0.83	37.7	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2630	0.88	24.8	D
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1221	0.85	59.6	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	670	0.88	55.9	C

Table TA-P15

2031 No Action Condition Sidewalks Level of Service Analysis
Weekday Midday Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	812	0.65	139.0	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	220	0.75	294.4	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1952	0.73	52.9	C
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	586	0.57	69.9	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1194	0.60	49.4	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1549	0.71	58.7	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1950	0.57	16.7	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	2214	0.65	52.1	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2914	0.57	12.7	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1739	0.75	48.8	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2036	0.65	63.8	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	3168	0.65	32.7	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1954	0.83	54.0	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	810	0.73	57.4	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	762	0.76	56.8	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	3179	0.65	32.6	D
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	311	0.73	353.5	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1391	0.74	41.3	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2284	0.76	32.1	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1277	0.81	35.5	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1037	0.78	64.6	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1169	0.70	55.2	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	780	0.71	111.5	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1919	0.75	41.1	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	520	0.83	137.5	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	684	0.66	103.8	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	262	0.74	306.6	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	371	0.75	216.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	458	0.66	154.8	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	398	0.69	111.2	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	266	0.61	182.0	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1614	0.81	60.6	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	768	0.75	210.7	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1776	0.82	17.6	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1646	0.92	35.1	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1015	0.75	47.1	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3272	0.83	23.8	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	890	0.80	77.5	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	1496	0.86	73.7	C
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1426	0.78	21.9	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	1449	0.84	57.6	C
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	1418	0.81	39.9	D
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1693	0.84	11.2	E
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1750	0.78	23.9	D
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	834	0.85	139.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	844	0.75	37.2	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1660	0.92	46.7	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	875	0.83	74.4	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	979	0.88	77.4	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	802	0.82	43.4	C

Table TA-P16

2031 No Action Condition Sidewalks Level of Service Analysis
Weekday PM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1736	0.86	110.1	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	848	0.84	170.8	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	663	0.70	90.1	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	794	0.71	128.5	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	782	0.63	56.8	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	2867	0.74	24.1	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1764	0.68	49.0	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3665	0.63	7.0	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	3984	0.72	31.0	D
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2739	0.63	15.6	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1130	0.65	66.0	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2773	0.72	51.3	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2631	0.72	44.2	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1809	0.80	56.7	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	990	0.86	55.5	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	753	0.81	61.4	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2604	0.72	44.6	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1681	0.86	76.8	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1458	0.85	45.3	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1944	0.79	39.9	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1232	0.87	39.6	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1093	0.79	62.0	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	969	0.77	73.6	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1024	0.81	95.8	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2058	0.74	37.9	D
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	831	0.82	84.8	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	802	0.75	100.6	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	742	0.76	110.7	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	490	0.75	165.0	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	472	0.78	179.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	378	0.61	104.8	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	676	0.75	87.4	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1916	0.81	50.9	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	815	0.85	225.4	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3290	0.88	7.7	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2453	0.90	22.0	E
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	987	0.72	46.5	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2459	0.72	27.9	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1078	0.82	65.1	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	775	0.73	122.1	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	888	0.93	44.2	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	533	0.71	134.3	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	485	0.83	122.2	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	657	0.84	35.7	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	890	0.87	55.6	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1075	0.76	96.8	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	947	0.85	37.7	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1908	0.86	37.6	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2278	0.69	21.9	E
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1134	0.77	57.9	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	642	0.68	45.1	C

Table TA-P17

**2031 No Action Condition Sidewalks Level of Service Analysis
Weekday Evening Peak Hour**

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	419	0.76	312.8	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	202	0.63	269.1	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	476	0.72	216.8	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	582	0.65	79.3	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1376	0.67	47.9	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	970	0.75	99.8	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1710	0.65	22.6	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1866	0.58	54.7	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1487	0.65	33.1	D
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	632	0.64	115.6	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1464	0.58	78.6	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1413	0.58	66.7	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1058	0.78	94.7	B
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	575	0.88	98.8	B
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	688	0.86	71.2	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1383	0.58	68.2	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	262	0.88	508.3	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	795	0.85	84.1	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1275	0.68	53.2	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	692	0.82	67.5	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	674	0.57	72.0	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	513	0.61	111.3	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	621	0.61	119.6	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1180	0.68	61.4	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	545	0.64	100.3	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	386	0.69	193.2	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	396	0.73	199.1	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	221	0.58	284.9	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	250	0.58	250.8	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	219	0.78	229.5	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	386	0.74	151.3	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	870	0.83	115.9	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	467	0.67	310.3	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1397	0.80	23.0	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1262	0.80	39.7	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	471	0.76	104.7	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1146	0.80	70.1	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	418	0.70	145.1	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	561	0.74	170.7	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	607	0.87	61.2	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	402	0.76	189.8	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	354	0.78	158.8	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.83	40.4	C
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	621	0.84	77.8	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	517	0.73	192.6	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	484	0.67	59.2	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	982	0.80	70.2	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	900	0.75	65.3	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	548	0.89	139.3	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	317	0.75	101.8	B

Table TA-P18

2031 No Action Condition Sidewalks Level of Service Analysis
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	864	0.83	166.6	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	270	0.80	256.9	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1054	0.65	88.7	C
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	840	0.73	61.9	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1254	0.63	50.1	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1297	0.65	64.3	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1601	0.73	28.1	D
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1870	0.59	55.7	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1996	0.73	27.4	D
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1202	0.82	77.6	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1937	0.59	60.3	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2648	0.59	35.5	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1637	0.72	56.4	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1040	0.66	40.2	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	1050	0.74	39.4	D
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2630	0.59	35.7	D
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	508	0.66	196.8	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1192	0.75	48.7	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2072	0.75	35.4	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1000	0.73	41.3	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1052	0.73	59.3	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	742	0.58	72.0	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	999	0.80	97.1	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1719	0.74	45.5	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	708	0.72	87.8	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	584	0.77	142.8	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	627	0.69	118.2	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	511	0.85	178.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	515	0.73	153.4	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	403	0.69	110.1	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	606	0.78	101.3	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1107	0.83	90.8	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	775	0.63	173.9	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1385	0.88	25.8	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1324	0.80	38.1	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	611	0.83	87.2	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1450	0.82	56.0	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	600	0.79	113.7	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	890	0.79	114.6	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1207	0.60	19.4	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	828	0.84	102.4	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	741	0.81	78.0	C
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	999	0.65	16.2	E
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1296	0.58	24.0	D
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	842	0.87	140.9	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	744	0.73	41.3	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1089	0.73	57.2	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	578	0.82	112.6	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	744	0.83	96.2	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	468	0.72	65.9	C

Table TA-P19

2031 No Action Condition Sidewalks Level of Service Analysis
Saturday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	400	0.80	345.5	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	216	0.80	319.9	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	418	0.63	216.7	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	544	0.58	76.6	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	836	0.48	57.6	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	726	0.58	102.8	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	987	0.58	37.1	D
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1197	0.65	96.8	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1002	0.58	45.1	C
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	554	0.70	144.3	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1181	0.65	110.0	B
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1387	0.65	76.7	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1201	0.73	77.7	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	764	0.67	56.1	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	803	0.82	57.9	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1363	0.65	78.0	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	482	0.67	210.0	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	803	0.83	81.5	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1321	0.70	52.7	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	651	0.78	68.3	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	682	0.68	85.7	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	467	0.74	148.9	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	670	0.71	129.2	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	977	0.58	63.6	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	503	0.76	129.8	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	303	0.58	204.7	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	403	0.71	189.6	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	224	0.67	322.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	234	0.69	316.2	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	209	0.71	219.4	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	379	0.78	161.7	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	585	0.72	150.4	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	386	0.76	427.7	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1024	0.80	32.6	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	875	0.83	60.5	C
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	432	0.64	96.0	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	624	0.83	134.0	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	370	0.71	165.0	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	432	0.87	259.8	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	763	0.76	41.7	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	385	0.75	195.2	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	351	0.77	156.6	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.76	36.7	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	841	0.87	59.0	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	389	0.77	270.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	474	0.77	69.4	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	662	0.82	107.1	B
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	484	0.74	119.9	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	354	0.85	207.7	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	258	0.77	128.5	B

Table TA-P20
2031 No Action Condition Corners Level of Service Analysis

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour		Weekday Evening Peak Hour		Saturday Midday/Afternoon Peak Hour		Saturday Evening Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS
		Eleventh Avenue and West 34th Street	Northeast	307.1	A	134.2	A	317.4	A	485.5	A	250.0	A
	Southwest	255.3	A	125.4	A	160.4	A	282.6	A	167.6	A	318.1	A
	Southeast	310.8	A	135.2	A	239.7	A	362.4	A	206.8	A	403.5	A
Eleventh Avenue and West 33rd Street	Northwest	27.6	C	35.4	C	22.1	D	53.0	B	47.6	B	83.6	A
	Northeast	41.3	B	49.9	B	39.6	C	85.3	A	69.2	A	113.4	A
	Southwest	9.5	E	10.8	E	-1.0	F	16.5	D	23.3	D	29.7	C
	Southeast	-1.1	F	10.0	E	7.6	F	23.2	D	12.2	E	34.5	C
Eleventh Avenue and West 32nd Street	Northwest	65.5	A	52.8	B	56.1	B	105.2	A	66.3	A	127.9	A
	Northeast	91.7	A	91.9	A	91.6	A	186.3	A	143.7	A	178.8	A
	Southwest	145.4	A	73.9	A	108.6	A	186.0	A	95.2	A	193.3	A
Eleventh Avenue and West 31st Street	Southeast	140.6	A	122.8	A	112.4	A	157.3	A	105.8	A	143.3	A
Eleventh Avenue and West 30th Street	Northwest	33.5	C	34.2	C	29.3	C	56.7	B	37.2	C	51.2	B
	Northeast	68.4	A	74.8	A	60.7	A	102.5	A	67.0	A	92.6	A
	Southwest	53.6	B	25.8	C	37.9	C	51.0	B	26.8	C	48.1	B
	Southeast	38.2	C	28.6	C	25.5	C	47.2	B	29.3	C	48.3	B
Eleventh Avenue and West 29th Street	Northwest	123.7	A	71.9	A	88.1	A	131.9	A	71.0	A	130.9	A
	Northeast	86.6	A	66.9	A	67.5	A	132.4	A	81.1	A	127.7	A
	Southwest	134.0	A	69.8	A	88.3	A	137.1	A	69.1	A	139.0	A
	Southeast	87.0	A	67.1	A	54.9	B	114.1	A	73.7	A	117.9	A
Eleventh Avenue and West 28th Street	Northwest	96.8	A	78.0	A	70.9	A	102.8	A	77.3	A	105.6	A
	Northeast	126.4	A	112.2	A	105.2	A	153.1	A	119.4	A	196.9	A
	Southwest	217.3	A	173.2	A	144.2	A	208.2	A	162.1	A	185.4	A
	Southeast	167.5	A	153.8	A	119.7	A	184.5	A	146.9	A	199.6	A
Eleventh Avenue and West 27th Street	Northwest	154.4	A	728.7	A	93.3	A	164.2	A	116.5	A	167.9	A
	Northeast	124.6	A	105.7	A	107.2	A	162.7	A	107.4	A	157.6	A
	Southwest	134.7	A	600.7	A	78.6	A	132.2	A	96.4	A	134.8	A
	Southeast	85.5	A	77.9	A	68.8	A	111.6	A	73.4	A	117.2	A
Eleventh Avenue and West 26th Street	Northwest	81.0	A	175.2	A	40.9	B	82.0	A	48.6	B	57.2	B
	Northeast	53.6	B	85.7	A	47.1	B	72.3	A	39.8	C	60.5	A
	Southwest	125.8	A	363.1	A	63.6	A	128.6	A	76.8	A	91.7	A
	Southeast	106.3	A	149.7	A	77.8	A	132.0	A	75.4	A	128.2	A
Eleventh Avenue and West 25th Street	Northeast	126.7	A	169.3	A	109.9	A	139.4	A	124.6	A	157.9	A
	Southeast	195.5	A	227.2	A	173.3	A	354.7	A	175.0	A	311.4	A
Eleventh Avenue and West 24th Street	Northwest	512.1	A	414.8	A	315.8	A	625.9	A	361.3	A	691.4	A
	Northeast	261.9	A	203.4	A	197.8	A	397.7	A	149.3	A	332.5	A
	Southwest	363.9	A	256.9	A	199.6	A	375.4	A	213.4	A	372.6	A
	Southeast	286.4	A	236.5	A	243.8	A	384.7	A	162.9	A	331.2	A
Hudson Boulevard East and West 34th Street	Northeast	123.1	A	152.1	A	128.4	A	282.3	A	284.5	A	621.1	A
Hudson Boulevard East and West 33rd Street	Southeast	59.7	B	107.8	A	58.8	B	119.8	A	118.6	A	184.1	A
Tenth Avenue and West 35th Street	Northwest	133.4	A	200.9	A	129.2	A	255.2	A	217.6	A	358.6	A
	Northwest	39.3	C	23.1	D	29.3	C	58.1	B	38.8	C	75.1	A
	Northeast	57.0	B	20.3	D	52.9	B	73.7	A	41.1	B	66.3	A
	Southwest	60.9	A	43.6	B	54.0	B	89.0	A	67.1	A	149.2	A
	Southeast	127.0	A	57.0	B	107.0	A	137.0	A	92.3	A	162.2	A
Tenth Avenue and West 34th Street	Southwest	37.9	C	36.2	C	40.2	B	89.1	A	58.7	B	131.3	A
	Southeast	66.2	A	51.6	B	62.4	A	120.5	A	80.9	A	162.7	A
Tenth Avenue and West 33rd Street	Northwest	68.5	A	67.5	A	68.2	A	140.5	A	115.0	A	216.0	A
	Northeast	24.9	C	28.3	C	29.5	C	69.5	A	59.5	B	107.0	A
	Southwest	32.2	C	43.9	B	36.9	C	82.4	A	81.3	A	109.8	A
	Southeast	29.5	C	28.5	C	36.9	C	74.4	A	60.4	A	109.4	A
Tenth Avenue and West 31st Street	Northwest	12.2	E	8.4	E	9.4	E	31.5	C	25.3	C	47.2	B
Tenth Avenue and Dyer Avenue	Northeast	137.0	A	53.7	B	124.0	A	165.3	A	108.4	A	219.6	A
Tenth Avenue and West 30th Street	Southwest	115.7	A	71.3	A	106.3	A	140.1	A	86.6	A	135.3	A
	Southeast	210.4	A	101.5	A	167.0	A	259.2	A	150.7	A	250.6	A
Tenth Avenue and West 29th Street	Northwest	108.4	A	45.9	B	85.6	A	132.2	A	57.6	B	116.4	A
	Northeast	178.0	A	61.1	A	113.8	A	178.0	A	92.5	A	194.3	A
	Southwest	89.0	A	42.9	B	90.5	A	130.9	A	58.6	B	111.1	A
	Southeast	173.3	A	66.5	A	138.7	A	198.3	A	107.5	A	197.0	A
Tenth Avenue and West 28th Street	Northwest	110.6	A	59.2	B	130.6	A	181.2	A	73.2	A	136.8	A
	Northeast	189.3	A	92.7	A	205.6	A	254.3	A	129.1	A	281.7	A
	Southwest	84.6	A	45.6	B	107.9	A	149.0	A	55.2	B	119.1	A
	Southeast	181.6	A	97.7	A	202.9	A	261.2	A	121.4	A	280.2	A
Dyer Avenue and West 31st Street	Northwest	43.2	B	46.7	B	21.3	D	86.3	A	68.9	A	115.6	A
	Northeast	9.7	E	27.5	C	25.5	C	68.9	A	47.4	B	81.0	A
	Southwest	50.2	B	49.2	B	27.1	C	88.8	A	70.6	A	124.3	A
	Southeast	15.6	D	35.1	C	38.7	C	79.3	A	58.0	B	101.5	A
Ninth Avenue and West 35th Street	Northwest	62.5	A	50.8	B	77.4	A	124.3	A	76.4	A	131.9	A
	Northeast	146.6	A	110.0	A	126.5	A	177.0	A	152.7	A	193.4	A
	Southwest	84.3	A	58.3	B	91.1	A	144.8	A	96.6	A	166.5	A
	Southeast	143.3	A	108.6	A	129.1	A	189.7	A	166.7	A	209.0	A
Ninth Avenue and West 34th Street	Northwest	92.4	A	69.4	A	97.1	A	195.6	A	116.8	A	182.3	A
	Northeast	159.1	A	125.2	A	143.0	A	294.6	A	233.0	A	267.9	A
	Southwest	70.9	A	59.4	B	59.6	B	151.2	A	107.9	A	164.7	A
	Southeast	247.2	A	207.9	A	212.6	A	481.1	A	420.5	A	468.7	A
Ninth Avenue and West 33rd Street	Southeast	63.0	A	179.1	A	76.8	A	166.0	A	200.9	A	263.1	A
Ninth Avenue and West 31st Street	Southwest	53.3	B	60.5	A	45.4	B	105.6	A	80.0	A	95.9	A
	Southeast	42.5	B	62.2	A	55.8	B	104.0	A	80.9	A	104.1	A

Table TA-P21

2031 No Action Condition Crosswalks Level of Service Analysis
Weekday AM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	506	57.1	B
	North	70.0	17.0	1409	31.5	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2210	22.9	D
	South	70.0	14.0	4289	1.7	F
	West	34.0	15.0	2173	15.6	D
Eleventh Avenue and West 32nd Street	North	70.0	16.0	206	213.6	A
	South	70.0	16.0	174	253.3	A
	West	34.0	15.0	1853	26.1	C
Eleventh Avenue and West 31st Street	North	70.0	16.0	213	168.7	A
	South	70.0	16.0	639	50.6	B
Eleventh Avenue and West 30th Street	North	61.0	9.5	1001	14.3	E
	East	34.0	14.0	1252	14.2	E
	South	70.0	12.0	479	48.4	B
	West	34.0	15.0	1324	25.2	C
Eleventh Avenue and West 29th Street	West	34.0	15.5	864	34.1	C
Eleventh Avenue and West 28th Street	East	35.0	14.5	884	37.9	C
	West	33.5	14.0	697	53.7	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	551	58.3	B
	West	34.0	13.0	699	56.9	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	576	54.1	B
	West	34.0	14.0	590	63.5	A
Eleventh Avenue and West 25th Street	East	34.0	15.0	377	86.1	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	354	25.8	C
	West	48.0	18.0	288	193.0	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1595	25.6	C
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	3925	2.0	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1548	23.5	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	3218	7.7	F
Tenth Avenue and West 31st Street	East	34.0	17.0	2219	17.9	D
	South	60.0	14.0	1120	21.5	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	660	42.0	B
Tenth Avenue and West 30th Street	North	55.0	14.0	420	46.5	B
Tenth Avenue and West 29th Street	West	34.0	12.5	756	34.2	C
Tenth Avenue and West 28th Street	East	30.0	12.0	486	52.6	B
	West	30.0	12.5	820	35.8	C
Dyer Avenue and West 31st Street	North	51.0	8.0	916	9.0	E
	South	52.0	8.0	895	9.1	E
Ninth Avenue and West 34th Street	South	52.0	22.0	1792	18.1	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	3791	6.1	F
Ninth Avenue and West 31st Street	North	39.0	16.0	1172	17.7	D
	South	42.0	14.0	867	17.4	D

Table TA-P22

2031 No Action Condition Crosswalks Level of Service Analysis
Weekday Midday Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	1626	14.6	E
	North	70.0	17.0	615	57.8	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2331	20.8	D
	South	70.0	14.0	2643	3.0	F
	West	34.0	15.0	2230	16.2	D
Eleventh Avenue and West 32nd Street	North	70.0	16.0	245	179.2	A
	South	70.0	16.0	245	179.1	A
	West	34.0	15.0	3610	11.9	E
Eleventh Avenue and West 31st Street	North	70.0	16.0	76	512.8	A
	South	70.0	16.0	348	104.9	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	999	18.3	D
	East	34.0	14.0	1367	14.0	E
	South	70.0	12.0	652	36.7	C
	West	34.0	15.0	2443	11.3	E
Eleventh Avenue and West 29th Street	West	34.0	15.5	1470	20.1	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	1149	30.9	C
	West	33.5	14.0	1133	34.3	C
Eleventh Avenue and West 27th Street	East	36.0	12.0	804	40.0	B
	West	34.0	13.0	112	365.3	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	473	63.3	A
	West	34.0	14.0	170	176.0	A
Eleventh Avenue and West 25th Street	East	34.0	15.0	365	109.0	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	446	21.9	D
	West	48.0	18.0	387	136.3	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1053	43.2	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1771	5.8	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1690	21.1	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	2226	12.7	E
	East	34.0	17.0	2442	14.9	E
Tenth Avenue and West 31st Street	South	60.0	14.0	996	25.1	C
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1552	14.6	E
Tenth Avenue and West 30th Street	North	55.0	14.0	691	19.6	D
Tenth Avenue and West 29th Street	West	34.0	12.5	1695	15.4	D
	East	30.0	12.0	1434	18.9	D
Tenth Avenue and West 28th Street	West	30.0	12.5	1996	14.4	E
Dyer Avenue and West 31st Street	North	51.0	8.0	760	10.8	E
	South	52.0	8.0	809	11.6	E
Ninth Avenue and West 34th Street	South	52.0	22.0	1647	20.0	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	1452	24.8	C
	North	39.0	16.0	793	28.4	C
Ninth Avenue and West 31st Street	South	42.0	14.0	898	19.3	D

Table TA-P23

2031 No Action Condition Crosswalks Level of Service Analysis
Weekday PM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	692	49.3	B
	North	70.0	17.0	1357	28.1	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2229	19.4	D
	South	70.0	14.0	4026	1.8	F
	West	34.0	15.0	2460	13.0	E
Eleventh Avenue and West 32nd Street	North	70.0	16.0	211	208.3	A
	South	70.0	16.0	179	246.0	A
	West	34.0	15.0	2505	18.4	D
Eleventh Avenue and West 31st Street	North	70.0	16.0	219	163.9	A
	South	70.0	16.0	609	51.3	B
Eleventh Avenue and West 30th Street	North	61.0	9.5	1424	12.3	E
	East	34.0	14.0	1611	9.3	E
	South	70.0	12.0	631	40.3	B
	West	34.0	15.0	2034	16.8	D
Eleventh Avenue and West 29th Street	West	34.0	15.5	1276	22.9	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	1132	31.9	C
	West	33.5	14.0	1022	39.2	C
Eleventh Avenue and West 27th Street	East	36.0	12.0	798	44.3	B
	West	34.0	13.0	979	30.8	C
Eleventh Avenue and West 26th Street	East	36.0	13.0	700	48.4	B
	West	34.0	14.0	973	31.8	C
Eleventh Avenue and West 25th Street	East	34.0	15.0	455	81.2	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	444	21.4	D
	West	48.0	18.0	472	99.8	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1691	24.4	C
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	4485	1.4	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1833	23.6	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	3391	7.8	F
	East	34.0	17.0	2147	19.8	D
Tenth Avenue and West 31st Street	South	60.0	14.0	1233	20.6	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	789	29.9	C
Tenth Avenue and West 30th Street	North	55.0	14.0	514	38.9	C
Tenth Avenue and West 29th Street	West	34.0	12.5	879	33.6	C
Eleventh Avenue and West 28th Street	East	30.0	12.0	488	58.7	B
	West	30.0	12.5	710	48.1	B
Dyer Avenue and West 31st Street	North	51.0	8.0	965	6.9	F
	South	52.0	8.0	930	9.3	E
Ninth Avenue and West 34th Street	South	52.0	22.0	1930	16.9	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	4051	5.9	F
	North	39.0	16.0	1177	17.8	D
Ninth Avenue and West 31st Street	South	42.0	14.0	824	20.4	D

Table TA-P24

2031 No Action Condition Crosswalks Level of Service Analysis
Weekday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	445	58.9	B
	North	70.0	17.0	648	52.7	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1162	49.3	B
	South	70.0	14.0	1922	3.9	F
	West	34.0	15.0	1309	32.7	C
Eleventh Avenue and West 32nd Street	North	70.0	16.0	82	540.8	A
	South	70.0	16.0	82	540.5	A
	West	34.0	15.0	1527	32.4	C
Eleventh Avenue and West 31st Street	North	70.0	16.0	90	402.6	A
	South	70.0	16.0	440	75.6	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	756	20.7	D
	East	34.0	14.0	868	24.5	C
	South	70.0	12.0	375	64.2	A
	West	34.0	15.0	1189	21.4	D
Eleventh Avenue and West 29th Street	West	34.0	15.5	762	38.4	C
Eleventh Avenue and West 28th Street	East	35.0	14.5	579	51.2	B
	West	33.5	14.0	591	58.0	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	452	73.2	A
	West	34.0	13.0	566	54.0	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	390	92.6	A
	West	34.0	14.0	579	76.7	A
Eleventh Avenue and West 25th Street	East	34.0	15.0	225	153.9	A
	East	34.0	14.0	243	42.4	B
	West	48.0	18.0	266	213.5	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	824	46.4	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2247	3.5	F
Tenth Avenue and West 34th Street	South	70.0	20.0	885	44.1	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1486	18.5	D
	East	34.0	17.0	1018	40.0	B
Tenth Avenue and West 31st Street	South	60.0	14.0	505	48.4	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	515	42.6	B
Tenth Avenue and West 30th Street	North	55.0	14.0	296	59.6	B
Tenth Avenue and West 29th Street	West	34.0	12.5	601	49.3	B
	East	30.0	12.0	354	75.2	A
Tenth Avenue and West 28th Street	West	30.0	12.5	458	73.7	A
Dyer Avenue and West 31st Street	North	51.0	8.0	444	17.0	D
	South	52.0	8.0	392	20.7	D
Ninth Avenue and West 34th Street	South	52.0	22.0	786	45.8	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	1568	15.8	D
	North	39.0	16.0	505	41.2	B
Ninth Avenue and West 31st Street	South	42.0	14.0	419	38.1	C

Table TA-P25

2031 No Action Condition Crosswalks Level of Service Analysis
Saturday Midday/Afternoon Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	1033	32.4	C
	North	70.0	17.0	679	61.1	A
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1666	32.2	C
	South	70.0	14.0	1846	3.8	F
	West	34.0	15.0	1896	25.0	C
Eleventh Avenue and West 32nd Street	North	70.0	16.0	158	279.3	A
	South	70.0	16.0	158	279.2	A
	West	34.0	15.0	2891	15.5	D
Eleventh Avenue and West 31st Street	North	70.0	16.0	124	313.3	A
	South	70.0	16.0	575	62.1	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	1290	16.3	D
	East	34.0	14.0	1288	13.1	E
	South	70.0	12.0	695	40.0	C
	West	34.0	15.0	2165	12.2	E
Eleventh Avenue and West 29th Street	West	34.0	15.5	1312	19.7	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	859	36.8	C
	West	33.5	14.0	963	40.1	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	726	44.2	B
	West	34.0	13.0	855	36.8	C
Eleventh Avenue and West 26th Street	East	36.0	13.0	634	41.1	B
	West	34.0	14.0	827	39.4	C
Eleventh Avenue and West 25th Street	East	34.0	15.0	472	85.4	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	538	16.9	D
	West	48.0	18.0	440	116.4	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1000	43.6	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2255	3.8	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1176	30.2	C
Tenth Avenue and West 33rd Street	South	62.0	15.0	1584	20.0	D
	East	34.0	17.0	1230	34.5	C
Tenth Avenue and West 31st Street	South	60.0	14.0	720	39.2	C
Tenth Avenue and Dyer Avenue	East	36.0	14.0	927	24.5	C
Tenth Avenue and West 30th Street	North	55.0	14.0	552	34.7	C
Tenth Avenue and West 29th Street	West	34.0	12.5	1225	19.6	D
	East	30.0	12.0	807	33.6	C
Tenth Avenue and West 28th Street	West	30.0	12.5	1095	22.5	D
Dyer Avenue and West 31st Street	North	51.0	8.0	515	13.0	E
	South	52.0	8.0	579	17.0	D
Ninth Avenue and West 34th Street	South	52.0	22.0	980	38.3	C
Ninth Avenue and West 33rd Street	South	39.0	22.0	1366	24.9	C
	North	39.0	16.0	613	41.6	B
Ninth Avenue and West 31st Street	South	42.0	14.0	595	29.6	C

Table TA-P26

2031 No Action Condition Crosswalks Level of Service Analysis
Saturday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	434	78.9	A
	North	70.0	17.0	418	82.1	A
Eleventh Avenue and West 33rd Street	East	33.0	16.0	859	58.3	B
	South	70.0	14.0	1066	5.6	F
	West	34.0	15.0	994	49.8	B
Eleventh Avenue and West 32nd Street	North	70.0	16.0	68	652.7	A
	South	70.0	16.0	68	652.4	A
	West	34.0	15.0	1480	33.6	C
Eleventh Avenue and West 31st Street	North	70.0	16.0	79	493.2	A
	South	70.0	16.0	382	96.4	A
Eleventh Avenue and West 30th Street	North	61.0	9.5	817	16.7	D
	East	34.0	14.0	876	25.0	C
	South	70.0	12.0	416	56.0	B
	West	34.0	15.0	1180	21.7	D
Eleventh Avenue and West 29th Street	West	34.0	15.5	795	38.4	C
Eleventh Avenue and West 28th Street	East	35.0	14.5	552	63.2	A
	West	33.5	14.0	623	55.4	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	458	63.1	A
	West	34.0	13.0	605	51.6	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	365	73.8	A
	West	34.0	14.0	618	44.0	B
Eleventh Avenue and West 25th Street	East	34.0	15.0	234	138.0	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	250	37.4	C
	West	48.0	18.0	226	242.9	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	629	77.2	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1679	5.3	F
Tenth Avenue and West 34th Street	South	70.0	20.0	677	63.0	A
Tenth Avenue and West 33rd Street	South	62.0	15.0	1122	23.4	D
	East	34.0	17.0	671	66.3	A
Tenth Avenue and West 31st Street	South	60.0	14.0	468	50.5	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	459	58.3	B
Tenth Avenue and West 30th Street	North	55.0	14.0	318	62.5	A
Tenth Avenue and West 29th Street	West	34.0	12.5	742	41.1	B
Eleventh Avenue and West 28th Street	East	30.0	12.0	310	91.9	A
	West	30.0	12.5	608	51.6	B
Dyer Avenue and West 31st Street	North	51.0	8.0	293	22.2	D
	South	52.0	8.0	344	28.2	C
Ninth Avenue and West 34th Street	South	52.0	22.0	689	47.6	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	983	37.0	C
	North	39.0	16.0	284	80.2	A
Ninth Avenue and West 31st Street	South	42.0	14.0	467	37.6	C

Table TA-P27
2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Weekday AM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	514	0.86	168.9	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1723	0.86	71.5	C
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1765	0.86	69.7	C
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	549	0.65	205.2	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	422	0.69	140.7	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	523	0.83	229.2	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	2910	0.74	24.0	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	3754	0.79	25.7	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3054	0.75	13.1	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	2220	0.52	58.5	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	1943	0.75	40.6	C
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	764	0.65	97.6	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	2236	0.52	54.6	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	3798	0.52	31.3	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1472	0.86	75.5	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1394	0.86	39.0	D
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	491	0.85	98.8	B
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	2353	0.52	51.8	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	1943	0.86	63.2	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1083	0.80	58.1	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1208	0.77	63.8	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	931	0.78	47.1	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	699	0.85	104.7	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	807	0.78	90.5	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	742	0.81	133.9	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1594	0.69	45.6	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	656	0.80	105.0	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	825	0.55	71.4	C
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	501	0.72	154.4	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	407	0.69	181.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	366	0.75	221.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	298	0.63	137.1	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	476	0.77	127.0	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1683	0.79	57.0	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	586	0.91	335.6	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	2841	0.89	10.3	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1564	0.84	33.3	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	938	0.90	61.7	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3279	0.66	18.2	E
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1492	0.83	47.1	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	672	0.72	139.0	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	650	0.72	47.0	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	396	0.72	184.2	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	483	0.80	119.0	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	730	0.80	30.2	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	682	0.77	64.1	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1081	0.83	104.8	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	1189	0.91	31.7	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1811	0.83	38.4	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2258	0.88	29.5	D
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1222	0.85	59.6	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	1111	0.88	32.9	D

Table TA-P28

2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Weekday Midday Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	548	0.73	133.4	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	524	0.73	199.6	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	524	0.73	199.6	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	785	0.65	143.8	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	355	0.75	182.3	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1912	0.73	54.0	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1708	0.60	33.8	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	2641	0.71	33.6	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2488	0.57	11.9	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	2243	0.65	72.6	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	4272	0.57	11.4	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1841	0.75	46.0	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	2351	0.65	65.2	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	2558	0.65	59.8	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1724	0.83	61.4	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	979	0.73	47.2	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	748	0.76	57.9	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	3623	0.65	41.7	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	750	0.73	139.3	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1383	0.74	41.6	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2274	0.76	32.3	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1269	0.81	35.7	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1051	0.78	63.7	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1226	0.70	52.5	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	865	0.71	100.4	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2271	0.75	34.4	D
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	901	0.83	79.0	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	1036	0.66	68.2	C
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	643	0.74	124.6	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	723	0.75	110.9	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	810	0.66	87.2	C
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	750	0.69	58.4	C
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	647	0.61	74.3	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1656	0.81	59.1	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	741	0.75	218.4	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1941	0.82	15.7	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1697	0.92	33.9	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1004	0.75	47.6	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3345	0.83	23.2	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	908	0.80	76.0	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	1487	0.86	74.2	C
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1417	0.78	22.0	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	1441	0.84	57.9	C
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	1477	0.81	38.3	D
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1752	0.84	10.7	F
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1742	0.78	24.0	D
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	823	0.85	141.1	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	862	0.75	36.4	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1702	0.92	45.5	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	1077	0.83	60.2	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1037	0.88	73.0	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	889	0.82	39.0	D

Table TA-P29
2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Weekday PM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	845	0.86	102.1	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1893	0.86	64.7	C
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1937	0.86	63.2	C
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	873	0.84	165.9	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	893	0.70	66.6	C
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	810	0.71	125.9	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	3495	0.74	19.1	E
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	3367	0.68	24.4	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	4118	0.63	5.3	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	2323	0.72	77.2	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	5757	0.63	7.9	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1390	0.65	53.4	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	2653	0.72	63.5	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	4297	0.72	38.5	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	2053	0.80	49.8	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1530	0.86	35.2	D
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	808	0.81	57.1	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	3073	0.72	54.7	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	2209	0.86	55.2	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1475	0.85	44.8	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2035	0.79	38.0	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1249	0.87	39.1	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1149	0.79	58.9	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1072	0.77	66.4	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1171	0.81	83.6	C
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2067	0.74	37.7	D
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	885	0.82	79.6	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	811	0.75	99.4	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	796	0.76	103.1	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	499	0.75	162.0	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	481	0.78	175.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	387	0.61	102.3	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	730	0.75	80.8	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	2029	0.81	48.0	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	840	0.85	218.7	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3141	0.88	8.5	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2331	0.90	23.3	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	996	0.72	46.1	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2815	0.72	24.0	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1456	0.82	47.8	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	789	0.73	119.9	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	903	0.93	43.4	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	550	0.71	130.2	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	589	0.83	100.5	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	761	0.84	30.4	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	907	0.87	54.5	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1084	0.76	96.0	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	1325	0.85	26.1	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	2021	0.86	35.4	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2161	0.69	23.3	D
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1234	0.77	53.1	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	1111	0.68	24.9	D

Table TA-P30

2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Weekday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	472	0.88	187.9	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	449	0.88	282.4	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	449	0.88	282.4	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	430	0.76	304.8	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	398	0.63	136.4	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	471	0.72	219.1	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	2052	0.67	31.4	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1442	0.75	66.7	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2594	0.65	13.3	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	1131	0.58	127.8	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	5190	0.65	10.1	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	854	0.64	85.3	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	1308	0.58	104.0	B
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1817	0.58	74.6	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1214	0.78	82.4	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	691	0.88	82.1	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	717	0.86	68.3	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	1377	0.58	98.8	B
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	620	0.88	204.4	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	807	0.85	82.9	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1336	0.68	50.6	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	704	0.82	66.4	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	719	0.57	67.4	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	588	0.61	97.0	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	734	0.61	101.0	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1181	0.68	61.3	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	585	0.64	93.4	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	387	0.69	192.7	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	436	0.73	180.8	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	222	0.58	283.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	251	0.58	249.8	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	220	0.78	228.5	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	426	0.74	137.0	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	949	0.83	106.1	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	478	0.67	303.2	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1530	0.80	20.6	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1544	0.80	32.0	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	476	0.76	103.6	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1265	0.80	63.4	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	557	0.70	108.7	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	571	0.74	167.7	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	617	0.87	60.2	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	414	0.76	184.3	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	429	0.78	130.9	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	651	0.83	35.5	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	633	0.84	76.3	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	522	0.73	190.8	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	623	0.67	45.6	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1061	0.80	64.8	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	1052	0.75	55.7	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	617	0.89	123.6	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	520	0.75	61.6	C

Table TA-P31

2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	796	0.66	83.3	C
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	761	0.66	124.9	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	761	0.66	124.9	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	800	0.83	179.9	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	466	0.80	148.7	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	958	0.65	97.7	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1851	0.63	33.2	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1392	0.65	59.8	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2543	0.73	16.2	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	1493	0.59	98.5	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	5746	0.73	10.5	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1277	0.82	73.0	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	1676	0.59	82.6	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1829	0.59	75.6	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1718	0.72	53.7	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	851	0.66	49.5	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	991	0.74	41.9	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	2125	0.59	64.9	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	1014	0.66	93.5	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1165	0.75	49.9	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2024	0.75	36.3	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	973	0.73	42.5	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1057	0.73	59.0	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	818	0.58	65.2	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1109	0.80	87.3	C
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1808	0.74	43.1	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	833	0.72	74.5	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	673	0.77	123.8	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	752	0.69	98.5	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	600	0.85	152.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	604	0.73	130.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	492	0.69	90.1	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	731	0.78	83.8	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1149	0.83	87.5	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	711	0.63	189.6	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1595	0.88	21.9	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1722	0.80	28.7	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	578	0.83	92.2	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1427	0.82	56.9	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	574	0.79	118.9	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	862	0.79	118.4	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1180	0.60	19.9	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	801	0.84	105.9	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	819	0.81	70.5	C
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1077	0.65	14.6	E
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1269	0.58	24.6	D
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	809	0.87	146.7	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	718	0.73	42.8	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1131	0.73	55.0	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	860	0.82	75.3	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	820	0.83	87.2	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	551	0.72	55.8	C

Table TA-P32

2031 With Action Condition Sidewalks Level of Service Analysis
Proposed Project
Saturday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	691	0.67	97.3	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	670	0.67	143.7	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	670	0.67	143.7	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	518	0.80	266.7	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	473	0.80	145.8	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	520	0.63	174.1	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1946	0.48	23.3	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	665	0.58	112.3	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2767	0.58	10.4	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	17.5	897	0.65	181.5	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	7.5	7004	0.58	4.0	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1102	0.70	72.1	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	16.5	1245	0.65	123.1	B
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1567	0.65	97.7	B
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1461	0.73	63.7	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	742	0.67	57.8	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	969	0.82	47.7	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	1499	0.65	102.1	B
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	804	0.67	119.7	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	869	0.83	75.3	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1565	0.70	44.2	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	717	0.78	61.9	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	803	0.68	72.6	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	592	0.74	117.3	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	856	0.71	101.0	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	973	0.58	63.8	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	562	0.76	116.1	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	299	0.58	207.5	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	462	0.71	165.3	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	220	0.67	328.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	230	0.69	321.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	205	0.71	223.7	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	438	0.78	139.8	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	768	0.72	114.4	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	504	0.76	327.5	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1390	0.80	23.2	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1713	0.83	29.9	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	491	0.64	84.3	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	633	0.83	132.1	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	449	0.71	135.9	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	496	0.87	226.3	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	827	0.76	38.3	D
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	451	0.75	166.6	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	476	0.77	115.3	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	701	0.76	29.7	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	907	0.87	54.6	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	448	0.77	234.6	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	553	0.77	59.3	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	845	0.82	83.7	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	857	0.74	67.3	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	473	0.85	155.3	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	397	0.77	83.2	C

Table TA-P33
2031 With Action Condition Corners Level of Service Analysis
Proposed Project

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour		Weekday Evening Peak Hour		Saturday Midday/Afternoon Peak Hour		Saturday Evening Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS
		Eleventh Avenue and West 34th Street	Northwest	335.3	A	136.6	A	318.9	A	485.1	A	260.2	A
	Southwest	291.9	A	124.9	A	145.9	A	243.2	A	171.9	A	229.2	A
	Southeast	382.2	A	146.8	A	263.5	A	421.2	A	250.1	A	388.5	A
Eleventh Avenue and West 33rd Street	Northwest	33.3	C	28.4	C	17.9	D	34.8	C	36.9	C	34.1	C
	Northwest	44.3	B	41.1	B	32.5	C	59.7	B	55.0	B	51.6	B
	Southwest	64.1	A	37.4	C	24.5	C	34.6	C	35.9	C	15.6	D
	Southeast	16.2	D	9.8	E	2.7	F	10.0	E	1.6	F	3.1	F
Eleventh Avenue and West 32nd Street	Northwest	65.0	A	71.4	A	55.1	B	117.8	A	100.0	A	124.1	A
	Northwest	43.5	B	68.5	A	53.7	B	130.4	A	144.9	A	191.2	A
	Southwest	133.8	A	139.8	A	106.0	A	225.7	A	193.8	A	236.8	A
Eleventh Avenue and West 31st Street	Southeast	86.0	A	111.2	A	73.4	A	131.0	A	109.3	A	136.0	A
	Northwest	34.1	C	34.7	C	29.7	C	64.2	A	48.4	B	57.3	B
Eleventh Avenue and West 30th Street	Northwest	41.9	B	60.4	A	51.3	B	101.5	A	73.1	A	97.9	A
	Southwest	60.7	A	26.2	C	33.9	C	46.0	B	28.8	C	30.7	C
	Southwest	40.1	B	28.8	C	23.9	D	45.4	B	31.0	C	38.4	C
	Northwest	135.4	A	72.5	A	83.6	A	123.5	A	73.3	A	105.0	A
Eleventh Avenue and West 29th Street	Northwest	92.6	A	68.0	A	66.6	A	130.4	A	85.3	A	111.4	A
	Southwest	146.9	A	70.2	A	82.6	A	127.6	A	71.8	A	106.8	A
	Southeast	92.4	A	68.1	A	53.0	B	111.4	A	77.9	A	98.6	A
	Northwest	94.8	A	72.2	A	62.3	A	86.5	A	69.6	A	83.1	A
Eleventh Avenue and West 28th Street	Northwest	125.6	A	107.1	A	97.6	A	138.5	A	111.1	A	167.5	A
	Southwest	212.2	A	160.9	A	129.2	A	180.4	A	147.9	A	152.6	A
	Southeast	166.1	A	146.6	A	111.3	A	167.7	A	136.9	A	174.0	A
	Northwest	150.4	A	237.2	A	88.1	A	153.7	A	101.7	A	153.3	A
Eleventh Avenue and West 27th Street	Northwest	121.8	A	72.4	A	105.9	A	162.1	A	95.9	A	158.8	A
	Southwest	130.7	A	205.6	A	74.7	A	124.5	A	84.8	A	123.9	A
	Southeast	83.8	A	57.7	B	68.4	A	111.4	A	67.8	A	118.0	A
	Northwest	79.5	A	95.5	A	39.3	C	79.3	A	44.6	B	54.1	B
Eleventh Avenue and West 26th Street	Northwest	53.1	B	61.1	A	46.8	B	72.2	A	37.4	C	60.7	A
	Southwest	121.6	A	140.7	A	61.0	A	123.1	A	69.5	A	85.5	A
	Southeast	104.0	A	92.7	A	77.3	A	131.8	A	69.3	A	129.0	A
	Northwest	123.0	A	100.5	A	108.2	A	139.4	A	110.4	A	159.4	A
Eleventh Avenue and West 25th Street	Southeast	196.7	A	125.4	A	170.3	A	355.2	A	152.3	A	316.8	A
	Northwest	483.5	A	219.3	A	287.9	A	539.8	A	283.9	A	541.1	A
	Northwest	252.6	A	112.9	A	193.0	A	396.1	A	128.8	A	337.0	A
Eleventh Avenue and West 24th Street	Northwest	349.3	A	136.6	A	191.1	A	353.5	A	175.2	A	347.6	A
	Southeast	274.0	A	134.5	A	239.3	A	384.0	A	142.6	A	335.5	A
Hudson Boulevard East and West 34th Street	Northwest	126.2	A	151.4	A	128.3	A	279.7	A	281.5	A	564.8	A
	Southeast	62.8	A	111.7	A	59.4	B	121.9	A	128.3	A	171.1	A
Hudson Boulevard East and West 33rd Street	Northwest	135.5	A	199.7	A	127.2	A	248.6	A	219.3	A	323.2	A
Tenth Avenue and West 35th Street	Northwest	40.3	B	22.9	D	28.1	C	56.4	B	38.0	C	69.6	A
	Northwest	58.4	B	20.1	D	50.3	B	71.1	A	40.4	B	60.9	A
	Southwest	62.4	A	43.1	B	52.5	B	86.8	A	66.1	A	135.0	A
	Southeast	130.8	A	56.3	B	102.7	A	132.8	A	91.2	A	147.0	A
Tenth Avenue and West 34th Street	Southwest	39.0	C	36.5	C	39.3	C	86.7	A	60.6	A	114.8	A
	Southwest	68.3	A	51.9	B	61.0	A	117.8	A	83.8	A	142.0	A
Tenth Avenue and West 33rd Street	Northwest	70.3	A	66.8	A	65.8	A	131.8	A	113.7	A	177.9	A
	Northwest	24.9	C	26.8	C	26.9	C	60.9	A	54.6	B	78.1	A
	Southeast	39.5	C	40.5	B	35.9	C	70.7	A	68.0	A	72.1	A
Tenth Avenue and West 31st Street	Northwest	29.1	C	28.5	C	37.1	C	75.4	A	62.1	A	103.7	A
	Southeast	8.9	E	8.2	E	7.3	F	28.3	C	26.6	C	44.6	B
Tenth Avenue and Dyer Avenue	Northwest	85.0	A	51.7	B	90.6	A	146.6	A	114.6	A	234.4	A
Tenth Avenue and West 30th Street	Southwest	121.5	A	72.3	A	102.8	A	136.4	A	90.3	A	115.5	A
	Southeast	221.6	A	102.4	A	160.7	A	250.4	A	157.6	A	202.2	A
Tenth Avenue and West 29th Street	Northwest	116.5	A	46.5	B	83.0	A	128.3	A	60.0	A	101.6	A
	Northwest	201.0	A	61.9	A	108.7	A	171.6	A	98.0	A	157.0	A
	Southwest	95.3	A	43.4	B	88.0	A	127.1	A	60.9	A	95.4	A
	Southeast	193.7	A	67.3	A	133.3	A	191.4	A	113.4	A	155.5	A
Tenth Avenue and West 28th Street	Northwest	109.9	A	57.4	B	118.1	A	163.9	A	68.8	A	119.7	A
	Northwest	187.9	A	88.8	A	177.7	A	219.1	A	119.2	A	222.1	A
	Southwest	83.8	A	44.0	B	96.7	A	134.4	A	51.9	B	102.4	A
	Southeast	180.0	A	93.6	A	177.1	A	227.5	A	113.0	A	223.7	A
Dyer Avenue and West 31st Street	Northwest	46.3	B	47.8	B	21.3	D	85.1	A	74.4	A	96.3	A
	Northwest	10.5	E	27.9	C	24.7	C	68.2	A	51.5	B	64.9	A
	Southwest	34.0	C	47.9	B	10.6	E	59.6	B	74.4	A	101.1	A
	Southeast	0.9	F	33.8	C	25.9	C	57.9	B	61.3	A	81.7	A
Ninth Avenue and West 35th Street	Northwest	64.5	A	49.4	B	73.9	A	116.6	A	72.9	A	115.8	A
	Northwest	151.9	A	111.6	A	131.4	A	182.4	A	157.6	A	197.7	A
	Southwest	86.3	A	56.8	B	86.1	A	134.6	A	92.0	A	145.2	A
	Southeast	147.9	A	110.1	A	132.8	A	195.1	A	172.6	A	214.2	A
Ninth Avenue and West 34th Street	Northwest	94.2	A	67.7	A	89.7	A	176.5	A	113.0	A	151.4	A
	Northwest	159.9	A	122.3	A	135.9	A	275.3	A	223.9	A	245.0	A
	Southwest	71.9	A	58.2	B	56.4	B	140.6	A	104.8	A	140.9	A
	Southeast	247.9	A	204.0	A	204.3	A	457.4	A	406.3	A	433.9	A
Ninth Avenue and West 33rd Street	Southeast	68.7	A	161.3	A	76.9	A	151.4	A	173.2	A	209.7	A
Ninth Avenue and West 31st Street	Southwest	43.1	B	56.8	B	33.1	C	83.7	A	74.2	A	83.5	A
	Southeast	31.5	C	58.5	B	44.1	B	86.3	A	75.1	A	90.5	A

Table TA-P34

2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Weekday AM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	401	73.4	A
	North	70.0	17.0	1201	37.2	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2150	23.1	D
	South	70.0	14.0	1470	6.6	F
	West	34.0	15.0	1889	17.7	D
	North	70.0	16.0	620	68.3	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	579	73.1	A
	West	30.0	13.0	3014	11.3	E
	North	70.0	16.0	697	49.2	B
Eleventh Avenue and West 31st Street	South	70.0	16.0	1245	26.7	C
	North	61.0	9.5	1710	6.8	F
Eleventh Avenue and West 30th Street	East	34.0	14.0	1231	11.9	E
	South	70.0	12.0	428	52.6	B
	West	34.0	15.0	1188	28.5	C
	North	34.0	15.5	809	34.1	C
Eleventh Avenue and West 29th Street	East	35.0	14.5	891	36.9	C
	West	33.5	14.0	712	52.2	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	566	56.5	B
	West	34.0	13.0	722	55.0	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	591	52.4	B
	West	34.0	14.0	613	60.6	A
Eleventh Avenue and West 25th Street	East	34.0	15.0	392	81.7	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	369	24.6	C
	West	48.0	18.0	300	184.5	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1526	27.0	C
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	3918	2.0	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1479	24.6	C
Tenth Avenue and West 33rd Street	South	62.0	15.0	2648	9.9	E
	East	34.0	17.0	2382	16.4	D
Tenth Avenue and West 31st Street	South	60.0	14.0	1330	17.8	D
	East	36.0	14.0	1021	26.5	C
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1021	26.5	C
Tenth Avenue and West 30th Street	North	55.0	14.0	749	20.3	D
Tenth Avenue and West 29th Street	West	34.0	12.5	726	34.9	C
Tenth Avenue and West 28th Street	East	30.0	12.0	493	51.9	B
	West	30.0	12.5	827	35.4	C
Dyer Avenue and West 31st Street	North	51.0	8.0	878	9.4	E
	South	52.0	8.0	1297	5.7	F
Ninth Avenue and West 34th Street	South	52.0	22.0	1772	18.3	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	3452	6.8	F
Ninth Avenue and West 31st Street	North	39.0	16.0	1173	17.6	D
	South	42.0	14.0	1308	10.9	E

Table TA-P35

2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Weekday Midday Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	1531	15.6	D
	North	70.0	17.0	859	40.8	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2557	18.6	D
	South	70.0	14.0	2326	3.5	F
	West	34.0	15.0	2570	12.2	E
	North	70.0	16.0	350	124.6	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	341	126.9	A
	West	30.0	13.0	3039	11.5	E
	North	70.0	16.0	424	89.8	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	632	59.4	B
	North	61.0	9.5	1404	12.5	E
Eleventh Avenue and West 30th Street	East	34.0	14.0	1357	7.4	F
	South	70.0	12.0	641	36.4	C
	West	34.0	15.0	2421	11.4	E
	North	34.0	15.5	1472	18.3	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	1206	28.2	C
	West	33.5	14.0	1218	31.6	C
Eleventh Avenue and West 27th Street	East	36.0	12.0	1156	26.9	C
	West	34.0	13.0	493	79.5	A
Eleventh Avenue and West 26th Street	East	36.0	13.0	825	34.8	C
	West	34.0	14.0	551	52.4	B
Eleventh Avenue and West 25th Street	East	34.0	15.0	717	53.2	B
Eleventh Avenue and West 24th Street	East	34.0	14.0	798	11.6	E
	West	48.0	18.0	751	68.5	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1026	44.6	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2291	4.1	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1663	21.5	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	2420	11.6	E
	East	34.0	17.0	2478	14.6	E
Tenth Avenue and West 31st Street	South	60.0	14.0	1001	25.0	C
	East	36.0	14.0	1603	14.1	E
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1603	14.1	E
Tenth Avenue and West 30th Street	North	55.0	14.0	732	14.5	E
Tenth Avenue and West 29th Street	West	34.0	12.5	1687	15.3	D
Tenth Avenue and West 28th Street	East	30.0	12.0	1493	18.0	D
	West	30.0	12.5	2055	13.9	E
Dyer Avenue and West 31st Street	North	51.0	8.0	749	10.9	E
	South	52.0	8.0	827	11.3	E
Ninth Avenue and West 34th Street	South	52.0	22.0	1687	19.5	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	1670	21.1	D
Ninth Avenue and West 31st Street	North	39.0	16.0	851	26.3	C
	South	42.0	14.0	985	17.5	D

Table TA-P36

2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Weekday PM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	608	56.5	B
	North	70.0	17.0	1533	25.0	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2689	15.5	D
	South	70.0	14.0	3344	2.2	F
	West	34.0	15.0	2895	8.6	E
	North	70.0	16.0	559	76.2	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	511	83.5	A
	West	30.0	13.0	3788	8.5	E
	North	70.0	16.0	724	47.5	B
Eleventh Avenue and West 31st Street	South	70.0	16.0	1206	27.7	C
	North	61.0	9.5	1826	8.5	E
Eleventh Avenue and West 30th Street	East	34.0	14.0	1618	2.7	F
	South	70.0	12.0	697	34.9	C
	West	34.0	15.0	2193	15.4	D
	North	34.0	15.5	1349	20.4	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	1235	27.7	C
	West	33.5	14.0	1169	33.8	C
Eleventh Avenue and West 27th Street	East	36.0	12.0	807	43.7	B
	West	34.0	13.0	1033	29.0	C
Eleventh Avenue and West 26th Street	East	36.0	13.0	709	47.8	B
	West	34.0	14.0	1027	30.0	C
Eleventh Avenue and West 25th Street	East	34.0	15.0	464	79.3	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	453	20.9	D
	West	48.0	18.0	502	94.9	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1716	24.0	D
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	5105	1.2	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1858	23.3	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	3266	8.2	E
	East	34.0	17.0	2252	18.6	D
Tenth Avenue and West 31st Street	South	60.0	14.0	1450	17.1	D
	East	36.0	14.0	1077	21.1	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1077	21.1	D
Tenth Avenue and West 30th Street	North	55.0	14.0	809	17.8	D
Tenth Avenue and West 29th Street	West	34.0	12.5	896	32.9	C
Tenth Avenue and West 28th Street	East	30.0	12.0	592	47.8	B
	West	30.0	12.5	814	41.4	B
Dyer Avenue and West 31st Street	North	51.0	8.0	974	6.8	F
	South	52.0	8.0	1308	6.2	F
Ninth Avenue and West 34th Street	South	52.0	22.0	2010	16.2	D
Ninth Avenue and West 33rd Street	South	39.0	22.0	3964	6.1	F
Ninth Avenue and West 31st Street	North	39.0	16.0	1277	16.3	D
	South	42.0	14.0	1293	12.3	E

Table TA-P37

**2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Weekday Evening Peak Hour**

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	371	71.3	A
	North	70.0	17.0	943	35.4	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1533	36.5	C
	South	70.0	14.0	2696	2.6	F
	West	34.0	15.0	1828	18.3	D
	North	70.0	16.0	195	225.4	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	189	232.7	A
	West	30.0	13.0	1930	20.2	D
	North	70.0	16.0	300	118.9	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	618	56.5	B
	North	61.0	9.5	735	21.5	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	873	11.7	E
	South	70.0	12.0	412	57.0	B
	West	34.0	15.0	1291	19.5	D
	North	34.0	15.5	814	33.5	C
Eleventh Avenue and West 28th Street	East	35.0	14.5	654	43.2	B
	West	33.5	14.0	704	47.6	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	453	72.9	A
	West	34.0	13.0	606	50.2	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	391	92.3	A
	West	34.0	14.0	619	71.5	A
Eleventh Avenue and West 25th Street	East	34.0	15.0	226	154.1	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	244	42.2	B
	West	48.0	18.0	286	197.8	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	835	45.7	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2885	2.5	F
Tenth Avenue and West 34th Street	South	70.0	20.0	896	43.5	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1708	15.8	D
	East	34.0	17.0	1028	39.7	C
Tenth Avenue and West 31st Street	South	60.0	14.0	583	41.5	B
	East	36.0	14.0	591	37.5	C
Tenth Avenue and West 30th Street	North	55.0	14.0	382	34.4	C
Tenth Avenue and West 29th Street	West	34.0	12.5	613	48.1	B
Tenth Avenue and West 28th Street	East	30.0	12.0	429	61.2	A
	West	30.0	12.5	533	62.7	A
Dyer Avenue and West 31st Street	North	51.0	8.0	449	16.8	D
	South	52.0	8.0	531	14.9	E
Ninth Avenue and West 34th Street	South	52.0	22.0	838	42.8	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	1738	14.2	E
Ninth Avenue and West 31st Street	North	39.0	16.0	574	36.0	C
	South	42.0	14.0	622	24.8	C

Table TA-P38

2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Saturday Midday/Afternoon Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	864	39.3	C
	North	70.0	17.0	947	42.9	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1898	27.8	C
	South	70.0	14.0	2921	2.1	F
	West	34.0	15.0	2246	16.4	D
	North	70.0	16.0	163	270.7	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	151	291.0	A
	West	30.0	13.0	2319	16.1	D
	North	70.0	16.0	263	146.3	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	577	65.3	A
	North	61.0	9.5	1007	21.6	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	1249	3.2	F
	South	70.0	12.0	649	42.5	B
	West	34.0	15.0	2077	12.9	E
	North	34.0	15.5	1292	18.9	D
Eleventh Avenue and West 28th Street	East	35.0	14.5	935	31.9	C
	West	33.5	14.0	1073	35.6	C
Eleventh Avenue and West 27th Street	East	36.0	12.0	815	38.9	C
	West	34.0	13.0	980	31.6	C
Eleventh Avenue and West 26th Street	East	36.0	13.0	723	35.6	C
	West	34.0	14.0	952	33.9	C
Eleventh Avenue and West 25th Street	East	34.0	15.0	561	71.2	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	627	14.3	E
	West	48.0	18.0	547	92.5	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	936	46.9	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2842	2.8	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1112	32.0	C
Tenth Avenue and West 33rd Street	South	62.0	15.0	1936	16.0	D
	East	34.0	17.0	1180	36.1	C
Tenth Avenue and West 31st Street	South	60.0	14.0	693	40.9	B
	East	36.0	14.0	880	25.9	C
Tenth Avenue and West 30th Street	North	55.0	14.0	474	30.3	C
Tenth Avenue and West 29th Street	West	34.0	12.5	1198	20.1	D
Tenth Avenue and West 28th Street	East	30.0	12.0	885	30.3	C
	West	30.0	12.5	1173	20.8	D
Dyer Avenue and West 31st Street	North	51.0	8.0	482	14.0	E
	South	52.0	8.0	553	17.9	D
Ninth Avenue and West 34th Street	South	52.0	22.0	1032	36.3	C
Ninth Avenue and West 33rd Street	South	39.0	22.0	1658	20.0	D
Ninth Avenue and West 31st Street	North	39.0	16.0	689	36.8	C
	South	42.0	14.0	678	25.7	C

Table TA-P39

2031 With Action Condition Crosswalks Level of Service Analysis
Proposed Project
Saturday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	417	82.6	A
	North	70.0	17.0	983	32.9	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1500	31.2	C
	South	70.0	14.0	3551	1.3	F
	West	34.0	15.0	2110	16.2	D
	North	70.0	16.0	72	616.3	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	67	662.5	A
	West	30.0	13.0	1961	19.8	D
	North	70.0	16.0	211	183.0	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	426	89.4	A
	North	61.0	9.5	608	23.1	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	934	5.4	F
	South	70.0	12.0	591	39.2	C
	West	34.0	15.0	1605	14.7	E
	North	34.0	15.5	975	28.2	C
Eleventh Avenue and West 28th Street	East	35.0	14.5	677	48.1	B
	West	33.5	14.0	809	41.7	B
Eleventh Avenue and West 27th Street	East	36.0	12.0	454	63.7	A
	West	34.0	13.0	664	46.8	B
Eleventh Avenue and West 26th Street	East	36.0	13.0	361	74.7	A
	West	34.0	14.0	677	40.0	C
Eleventh Avenue and West 25th Street	East	34.0	15.0	230	140.8	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	246	38.1	C
	West	48.0	18.0	248	220.6	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	747	64.1	A
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2654	2.9	F
Tenth Avenue and West 34th Street	South	70.0	20.0	795	53.5	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1718	14.4	E
	East	34.0	17.0	633	70.5	A
Tenth Avenue and West 31st Street	South	60.0	14.0	538	43.8	B
	East	36.0	14.0	431	62.2	A
Tenth Avenue and West 30th Street	North	55.0	14.0	354	42.2	B
Tenth Avenue and West 29th Street	West	34.0	12.5	808	37.4	C
Tenth Avenue and West 28th Street	East	30.0	12.0	435	64.3	A
	West	30.0	12.5	733	42.0	B
Dyer Avenue and West 31st Street	North	51.0	8.0	352	18.3	D
	South	52.0	8.0	423	22.9	D
Ninth Avenue and West 34th Street	South	52.0	22.0	794	41.0	B
Ninth Avenue and West 33rd Street	South	39.0	22.0	1367	26.0	C
Ninth Avenue and West 31st Street	North	39.0	16.0	403	55.3	B
	South	42.0	14.0	606	28.8	C

Table TA-P40

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Weekday AM Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A	7.0	514	0.86	168.9	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A	10.0	1723	0.86	71.5	C	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1638	0.86	117.1	B	10.0	1765	0.86	69.7	C	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	618	0.65	182.3	B	12.0	549	0.65	205.2	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	385	0.69	154.3	B	6.0	422	0.69	140.7	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	624	0.83	192.1	B	10.0	523	0.83	229.2	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	3069	0.74	22.6	E	7.0	2910	0.74	24.0	D	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1833	0.79	55.3	C	9.0	3754	0.79	25.7	D	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3897	0.75	8.9	F	4.5	3054	0.75	13.1	E	
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	4063	0.52	21.2	E	17.5	2220	0.52	58.5	C	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2608	0.75	20.8	E	7.5	1943	0.75	40.6	C	
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	846	0.65	88.0	C	8.0	764	0.65	97.6	B	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2550	0.52	40.2	C	16.5	2236	0.52	54.6	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1975	0.52	42.7	C	16.5	3798	0.52	31.3	D	X
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1430	0.86	77.8	C	9.0	1472	0.86	75.5	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	703	0.86	78.9	C	4.5	1394	0.86	39.0	D	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	533	0.85	90.9	B	4.0	491	0.85	98.8	B	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1911	0.52	44.1	C	16.5	2353	0.52	51.8	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1515	0.86	85.6	C	10.0	1943	0.86	63.2	C	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1113	0.80	56.5	C	5.5	1083	0.80	58.1	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1291	0.77	59.6	C	7.0	1208	0.77	63.8	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	961	0.78	45.6	C	4.0	931	0.78	47.1	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	724	0.85	101.1	B	6.0	699	0.85	104.7	B	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	800	0.78	91.3	B	6.5	807	0.78	90.5	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	727	0.81	136.6	B	8.5	742	0.81	133.9	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1579	0.69	46.1	C	7.5	1594	0.69	45.6	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	633	0.80	108.9	B	6.0	656	0.80	105.0	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	810	0.55	72.7	C	7.5	825	0.55	71.4	C	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	478	0.72	161.8	B	7.5	501	0.72	154.4	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	392	0.69	188.5	B	7.5	407	0.69	181.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	351	0.75	230.6	B	7.5	366	0.75	221.1	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	283	0.63	144.4	B	4.5	298	0.63	137.1	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	453	0.77	133.4	B	5.5	476	0.77	127.0	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1715	0.79	55.9	C	8.5	1683	0.79	57.0	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	655	0.91	300.2	B	15.0	586	0.91	335.6	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3249	0.89	8.1	F	3.0	2841	0.89	10.3	F	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2348	0.84	21.1	E	4.5	1564	0.84	33.3	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	976	0.90	59.3	C	4.5	938	0.90	61.7	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2865	0.86	21.4	E	7.0	3279	0.86	18.2	E	X
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1090	0.83	65.0	C	6.0	1492	0.83	47.1	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	705	0.72	132.4	B	9.0	672	0.72	139.0	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	682	0.72	44.7	C	3.0	650	0.72	47.0	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	426	0.72	171.2	B	7.0	396	0.72	184.2	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	476	0.80	120.7	B	5.0	483	0.80	119.0	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	723	0.80	30.5	D	2.0	730	0.80	30.2	D	
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	712	0.77	61.4	C	4.0	682	0.77	64.1	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1119	0.83	101.3	B	9.5	1081	0.83	104.8	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	787	0.91	49.1	C	3.0	1189	0.91	31.7	D	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1843	0.83	37.7	D	6.0	1811	0.83	38.4	D	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2630	0.88	24.8	D	5.5	2258	0.88	29.5	D	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1221	0.85	59.6	C	6.0	1222	0.85	59.6	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	670	0.88	55.9	C	3.0	1111	0.88	32.9	D	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P41

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Weekday Midday Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	7.0	548	0.73	133.4	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	10.0	524	0.73	199.6	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	10.0	524	0.73	199.6	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	812	0.65	139.0	B	12.0	785	0.65	143.8	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	220	0.75	294.4	B	6.0	355	0.75	182.3	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1952	0.73	52.9	C	10.0	1912	0.73	54.0	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1194	0.60	49.4	C	7.0	1708	0.60	33.8	D	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1549	0.71	58.7	C	9.0	2641	0.71	33.6	D	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1950	0.57	16.7	E	4.5	2488	0.57	11.9	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	2214	0.65	52.1	C	17.5	2243	0.65	72.6	C	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2914	0.57	12.7	E	7.5	4272	0.57	11.4	E	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1739	0.75	48.8	C	8.0	1841	0.75	46.0	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2036	0.65	63.8	C	16.5	2351	0.65	65.2	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	3168	0.65	32.7	D	16.5	2558	0.65	59.8	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1954	0.83	54.0	C	9.0	1724	0.83	61.4	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	810	0.73	57.4	C	4.5	979	0.73	47.2	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	762	0.76	56.8	C	4.0	748	0.76	57.9	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	3179	0.65	32.6	D	16.5	3623	0.65	41.7	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	311	0.73	353.5	B	10.0	750	0.73	139.3	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1391	0.74	41.3	C	5.5	1383	0.74	41.6	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2284	0.76	32.1	D	7.0	2274	0.76	32.3	D	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1277	0.81	35.5	D	4.0	1269	0.81	35.7	D	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1037	0.78	64.6	C	6.0	1051	0.78	63.7	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1169	0.70	55.2	C	6.5	1226	0.70	52.5	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	780	0.71	111.5	B	8.5	865	0.71	100.4	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1919	0.75	41.1	C	7.5	2271	0.75	34.4	D	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	520	0.83	137.5	B	6.0	901	0.83	79.0	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	684	0.66	103.8	B	7.5	1036	0.66	68.2	C	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	262	0.74	306.6	B	7.5	643	0.74	124.6	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	371	0.75	216.7	B	7.5	723	0.75	110.9	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	458	0.66	154.8	B	7.5	810	0.66	87.2	C	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	398	0.69	111.2	B	4.5	750	0.69	58.4	C	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	266	0.61	182.0	B	5.5	647	0.61	74.3	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1614	0.81	60.6	C	8.5	1656	0.81	59.1	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	768	0.75	210.7	B	15.0	741	0.75	218.4	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1776	0.82	17.6	E	3.0	1941	0.82	15.7	E	X
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1646	0.92	35.1	D	4.5	1697	0.92	33.9	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1015	0.75	47.1	C	4.5	1004	0.75	47.6	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3272	0.83	23.8	D	7.0	3345	0.83	23.2	D	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	890	0.80	77.5	C	6.0	908	0.80	76.0	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	1496	0.86	73.7	C	9.0	1487	0.86	74.2	C	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1426	0.78	21.9	E	3.0	1417	0.78	22.0	E	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	1449	0.84	57.6	C	7.0	1441	0.84	57.9	C	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	1418	0.81	39.9	D	5.0	1477	0.81	38.3	D	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1693	0.84	11.2	E	2.0	1752	0.84	10.7	F	
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1750	0.78	23.9	D	4.0	1742	0.78	24.0	D	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	834	0.85	139.2	B	9.5	823	0.85	141.1	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	844	0.75	37.2	D	3.0	862	0.75	36.4	D	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1660	0.92	46.7	C	6.0	1702	0.92	45.5	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	875	0.83	74.4	C	5.5	1077	0.83	60.2	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	979	0.88	77.4	C	6.0	1037	0.88	73.0	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	802	0.82	43.4	C	3.0	889	0.82	39.0	D	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P42

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Weekday PM Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B	7.0	845	0.86	102.1	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B	10.0	1893	0.86	64.7	C	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1736	0.86	110.1	B	10.0	1937	0.86	63.2	C	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	848	0.84	170.8	B	12.0	873	0.84	165.9	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	663	0.70	90.1	B	6.0	893	0.70	66.6	C	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	794	0.71	128.5	B	10.0	810	0.71	125.9	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	2867	0.74	24.1	D	7.0	3495	0.74	19.1	E	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1764	0.68	49.0	C	9.0	3367	0.68	24.4	D	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3665	0.63	7.0	F	4.5	4118	0.63	5.3	F	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	3984	0.72	31.0	D	17.5	2323	0.72	77.2	C	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2739	0.63	15.6	E	7.5	5757	0.63	7.9	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1130	0.65	66.0	C	8.0	1390	0.65	53.4	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2773	0.72	51.3	C	16.5	2653	0.72	63.5	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2631	0.72	44.2	C	16.5	4297	0.72	38.5	D	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1809	0.80	56.7	C	9.0	2053	0.80	49.8	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	990	0.86	55.5	C	4.5	1530	0.86	35.2	D	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	753	0.81	61.4	C	4.0	808	0.81	57.1	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2604	0.72	44.6	C	16.5	3073	0.72	54.7	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1681	0.86	76.8	C	10.0	2209	0.86	55.2	C	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1458	0.85	45.3	C	5.5	1475	0.85	44.8	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1944	0.79	39.9	D	7.0	2035	0.79	38.0	D	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1232	0.87	39.6	D	4.0	1249	0.87	39.1	D	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1093	0.79	62.0	C	6.0	1149	0.79	58.9	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	969	0.77	73.6	C	6.5	1072	0.77	66.4	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1024	0.81	95.8	B	8.5	1171	0.81	83.6	C	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2058	0.74	37.9	D	7.5	2067	0.74	37.7	D	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	831	0.82	84.8	C	6.0	885	0.82	79.6	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	802	0.75	100.6	B	7.5	811	0.75	99.4	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	742	0.76	110.7	B	7.5	796	0.76	103.1	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	490	0.75	165.0	B	7.5	499	0.75	162.0	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	472	0.78	179.1	B	7.5	481	0.78	175.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	378	0.61	104.8	B	4.5	387	0.61	102.3	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	676	0.75	87.4	C	5.5	730	0.75	80.8	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1916	0.81	50.9	C	8.5	2029	0.81	48.0	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	815	0.85	225.4	B	15.0	840	0.85	218.7	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3290	0.88	7.7	F	3.0	3141	0.88	8.5	F	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2453	0.90	22.0	E	4.5	2331	0.90	23.3	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	987	0.72	46.5	C	4.5	996	0.72	46.1	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2459	0.72	27.9	D	7.0	2815	0.72	24.0	D	X
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1078	0.82	65.1	C	6.0	1456	0.82	47.8	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	775	0.73	122.1	B	9.0	789	0.73	119.9	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	888	0.93	44.2	C	3.0	903	0.93	43.4	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	533	0.71	134.3	B	7.0	550	0.71	130.2	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	485	0.83	122.2	B	5.0	589	0.83	100.5	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	657	0.84	35.7	D	2.0	761	0.84	30.4	D	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	890	0.87	55.6	C	4.0	907	0.87	54.5	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1075	0.76	96.8	B	9.5	1084	0.76	96.0	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	947	0.85	37.7	D	3.0	1325	0.85	26.1	D	X
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1908	0.86	37.6	D	6.0	2021	0.86	35.4	D	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2278	0.69	21.9	E	5.5	2161	0.69	23.3	D	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1134	0.77	57.9	C	6.0	1234	0.77	53.1	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	642	0.68	45.1	C	3.0	1111	0.68	24.9	D	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P43
2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Weekday Evening Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	7.0	472	0.88	187.9	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	10.0	449	0.88	282.4	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	10.0	449	0.88	282.4	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	419	0.76	312.8	B	12.0	430	0.76	304.8	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	202	0.63	269.1	B	6.0	398	0.63	136.4	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	476	0.72	216.8	B	10.0	471	0.72	219.1	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1376	0.67	47.9	C	7.0	2052	0.67	31.4	D	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	970	0.75	99.8	B	9.0	1442	0.75	66.7	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1710	0.65	22.6	E	4.5	2594	0.65	13.3	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1866	0.58	54.7	C	17.5	1131	0.58	127.8	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1487	0.65	33.1	D	7.5	5190	0.65	10.1	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	632	0.64	115.6	B	8.0	854	0.64	85.3	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1464	0.58	78.6	C	16.5	1308	0.58	104.0	B	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1413	0.58	66.7	C	16.5	1817	0.58	74.6	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1058	0.78	94.7	B	9.0	1214	0.78	82.4	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	575	0.88	98.8	B	4.5	691	0.88	82.1	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	688	0.86	71.2	C	4.0	717	0.86	68.3	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1383	0.58	68.2	C	16.5	1377	0.58	98.8	B	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	262	0.88	508.3	B	10.0	620	0.88	204.4	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	795	0.85	84.1	C	5.5	807	0.85	82.9	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1275	0.68	53.2	C	7.0	1336	0.68	50.6	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	692	0.82	67.5	C	4.0	704	0.82	66.4	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	674	0.57	72.0	C	6.0	719	0.57	67.4	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	513	0.61	111.3	B	6.5	588	0.61	97.0	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	621	0.61	119.6	B	8.5	734	0.61	101.0	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1180	0.68	61.4	C	7.5	1181	0.68	61.3	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	545	0.64	100.3	B	6.0	585	0.64	93.4	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	386	0.69	193.2	B	7.5	387	0.69	192.7	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	396	0.73	199.1	B	7.5	436	0.73	180.8	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	221	0.58	284.9	B	7.5	222	0.58	283.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	250	0.58	250.8	B	7.5	251	0.58	249.8	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	219	0.78	229.5	B	4.5	220	0.78	228.5	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	386	0.74	151.3	B	5.5	426	0.74	137.0	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	870	0.83	115.9	B	8.5	949	0.83	106.1	B	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	467	0.67	310.3	B	15.0	478	0.67	303.2	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1397	0.80	23.0	E	3.0	1530	0.80	20.6	E	X
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1262	0.80	39.7	D	4.5	1544	0.80	32.0	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	471	0.76	104.7	B	4.5	476	0.76	103.6	B	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1146	0.80	70.1	C	7.0	1265	0.80	63.4	C	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	418	0.70	145.1	B	6.0	557	0.70	108.7	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	561	0.74	170.7	B	9.0	571	0.74	167.7	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	607	0.87	61.2	C	3.0	617	0.87	60.2	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	402	0.76	189.8	B	7.0	414	0.76	184.3	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	354	0.78	158.8	B	5.0	429	0.78	130.9	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.83	40.4	C	2.0	651	0.83	35.5	D	
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	621	0.84	77.8	C	4.0	633	0.84	76.3	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	517	0.73	192.6	B	9.5	522	0.73	190.8	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	484	0.67	59.2	C	3.0	623	0.67	45.6	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	982	0.80	70.2	C	6.0	1061	0.80	64.8	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	900	0.75	65.3	C	5.5	1052	0.75	55.7	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	548	0.89	139.3	B	6.0	617	0.89	123.6	B	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	317	0.75	101.8	B	3.0	520	0.75	61.6	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P44

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	7.0	796	0.66	83.3	C	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	10.0	761	0.66	124.9	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	10.0	761	0.66	124.9	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	864	0.83	166.6	B	12.0	800	0.83	179.9	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	270	0.80	256.9	B	6.0	466	0.80	148.7	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1054	0.65	88.7	C	10.0	958	0.65	97.7	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1254	0.63	50.1	C	7.0	1851	0.63	33.2	D	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1297	0.65	64.3	C	9.0	1392	0.65	59.8	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1601	0.73	28.1	D	4.5	2543	0.73	16.2	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1870	0.59	55.7	C	17.5	1493	0.59	98.5	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1996	0.73	27.4	D	7.5	5746	0.73	10.5	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1202	0.82	77.6	C	8.0	1277	0.82	73.0	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1937	0.59	60.3	C	16.5	1676	0.59	82.6	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2648	0.59	35.5	D	16.5	1829	0.59	75.6	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1637	0.72	56.4	C	9.0	1718	0.72	53.7	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1040	0.66	40.2	C	4.5	851	0.66	49.5	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	1050	0.74	39.4	D	4.0	991	0.74	41.9	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2630	0.59	35.7	D	16.5	2125	0.59	64.9	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	508	0.66	196.8	B	10.0	1014	0.66	93.5	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1192	0.75	48.7	C	5.5	1165	0.75	49.9	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2072	0.75	35.4	D	7.0	2024	0.75	36.3	D	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1000	0.73	41.3	C	4.0	973	0.73	42.5	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1052	0.73	59.3	C	6.0	1057	0.73	59.0	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	742	0.58	72.0	C	6.5	818	0.58	65.2	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	999	0.80	97.1	B	8.5	1109	0.80	87.3	C	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1719	0.74	45.5	C	7.5	1808	0.74	43.1	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	708	0.72	87.8	C	6.0	833	0.72	74.5	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	584	0.77	142.8	B	7.5	673	0.77	123.8	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	627	0.69	118.2	B	7.5	752	0.69	98.5	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	511	0.85	178.7	B	7.5	600	0.85	152.1	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	515	0.73	153.4	B	7.5	604	0.73	130.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	403	0.69	110.1	B	4.5	492	0.69	90.1	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	606	0.78	101.3	B	5.5	731	0.78	83.8	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1107	0.83	90.8	B	8.5	1149	0.83	87.5	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	775	0.63	173.9	B	15.0	711	0.63	189.6	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1385	0.88	25.8	D	3.0	1595	0.88	21.9	E	X
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1324	0.80	38.1	D	4.5	1722	0.80	28.7	D	X
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	611	0.83	87.2	C	4.5	578	0.83	92.2	B	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1450	0.82	56.0	C	7.0	1427	0.82	56.9	C	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	600	0.79	113.7	B	6.0	574	0.79	118.9	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	890	0.79	114.6	B	9.0	862	0.79	118.4	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1207	0.60	19.4	E	3.0	1180	0.60	19.9	E	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	828	0.84	102.4	B	7.0	801	0.84	105.9	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	741	0.81	78.0	C	5.0	819	0.81	70.5	C	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	999	0.65	16.2	E	2.0	1077	0.65	14.6	E	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1296	0.58	24.0	D	4.0	1269	0.58	24.6	D	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	842	0.87	140.9	B	9.5	809	0.87	146.7	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	744	0.73	41.3	C	3.0	718	0.73	42.8	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1089	0.73	57.2	C	6.0	1131	0.73	55.0	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	578	0.82	112.6	B	5.5	860	0.82	75.3	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	744	0.83	96.2	B	6.0	820	0.83	87.2	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	468	0.72	65.9	C	3.0	551	0.72	55.8	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P45

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Proposed Project
Saturday Evening Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Proposed Project					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	7.0	691	0.67	97.3	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	10.0	670	0.67	143.7	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	10.0	670	0.67	143.7	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	400	0.80	345.5	B	12.0	518	0.80	266.7	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	216	0.80	319.9	B	6.0	473	0.80	145.8	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	418	0.63	216.7	B	10.0	520	0.63	174.1	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	836	0.48	57.6	C	7.0	1946	0.48	23.3	D	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	726	0.58	102.8	B	9.0	665	0.58	112.3	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	987	0.58	37.1	D	4.5	2767	0.58	10.4	F	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1197	0.65	96.8	B	17.5	897	0.65	181.5	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1002	0.58	45.1	C	7.5	7004	0.58	4.0	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	554	0.70	144.3	B	8.0	1102	0.70	72.1	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1181	0.65	110.0	B	16.5	1245	0.65	123.1	B	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1387	0.65	76.7	C	16.5	1567	0.65	97.7	B	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1201	0.73	77.7	C	9.0	1461	0.73	63.7	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	764	0.67	56.1	C	4.5	742	0.67	57.8	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	803	0.82	57.9	C	4.0	969	0.82	47.7	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1363	0.65	78.0	C	16.5	1499	0.65	102.1	B	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	482	0.67	210.0	B	10.0	804	0.67	117.7	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	803	0.83	81.5	C	5.5	869	0.83	75.3	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1321	0.70	52.7	C	7.0	1565	0.70	44.2	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	651	0.78	68.3	C	4.0	717	0.78	61.9	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	682	0.68	85.7	C	6.0	803	0.68	72.6	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	467	0.74	148.9	B	6.5	592	0.74	117.3	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	670	0.71	129.2	B	8.5	856	0.71	101.0	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	977	0.58	63.6	C	7.5	973	0.58	63.8	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	503	0.76	129.8	B	6.0	562	0.76	116.1	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	303	0.58	204.7	B	7.5	299	0.58	207.5	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	403	0.71	189.6	B	7.5	462	0.71	165.3	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	224	0.67	322.7	B	7.5	220	0.67	328.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	234	0.69	316.2	B	7.5	230	0.69	321.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	209	0.71	219.4	B	4.5	205	0.71	223.7	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	379	0.78	161.7	B	5.5	438	0.78	139.8	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	585	0.72	150.4	B	8.5	768	0.72	114.4	B	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	386	0.76	427.7	B	15.0	504	0.76	327.5	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1024	0.80	32.6	D	3.0	1390	0.80	23.2	D	X
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	875	0.83	60.5	C	4.5	1713	0.83	29.9	D	X
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	632	0.64	96.0	B	4.5	491	0.64	84.3	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	424	0.83	134.0	B	7.0	633	0.83	132.1	B	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	370	0.71	165.0	B	6.0	449	0.71	135.9	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	432	0.87	259.8	B	9.0	496	0.87	226.3	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	763	0.76	41.7	C	3.0	827	0.76	38.3	D	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	385	0.75	195.2	B	7.0	451	0.75	166.6	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	351	0.77	156.6	B	5.0	476	0.77	115.3	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.76	36.7	D	2.0	701	0.76	29.7	D	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	841	0.87	59.0	C	4.0	907	0.87	54.6	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	389	0.77	270.2	B	9.5	448	0.77	234.6	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	474	0.77	69.4	C	3.0	553	0.77	59.3	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	662	0.82	107.1	B	6.0	845	0.82	83.7	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	484	0.74	119.9	B	5.5	857	0.74	67.3	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	354	0.85	207.7	B	6.0	473	0.85	155.3	B	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	258	0.77	128.5	B	3.0	397	0.77	83.2	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P46

**2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Weekday AM Peak Hour**

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	307.1	A	
	Southwest	255.3	A	291.9	A	
	Southwest	310.8	A	382.2	A	
	Northwest	27.6	C	33.3	C	
Eleventh Avenue and West 33rd Street	Northeast	41.3	B	44.3	B	
	Southwest	9.5	E	64.1	A	
	Southwest	-1.1	F	16.2	D	
	Northwest	65.5	A	65.0	A	
Eleventh Avenue and West 32nd Street	Northeast	91.7	A	43.5	B	
	Southwest	145.4	A	133.8	A	
Eleventh Avenue and West 31st Street	Southwest	140.6	A	86.0	A	
	Northwest	33.5	C	34.1	C	
Eleventh Avenue and West 30th Street	Northeast	68.4	A	41.9	B	
	Southwest	53.6	B	60.7	A	
	Southwest	38.2	C	40.1	B	
	Northwest	123.7	A	135.4	A	
Eleventh Avenue and West 29th Street	Northeast	86.6	A	92.6	A	
	Southwest	134.0	A	146.9	A	
	Southwest	87.0	A	92.4	A	
	Northwest	96.8	A	94.8	A	
Eleventh Avenue and West 28th Street	Northeast	126.4	A	125.6	A	
	Southwest	217.3	A	212.2	A	
	Southwest	167.5	A	166.1	A	
	Northwest	154.4	A	150.4	A	
Eleventh Avenue and West 27th Street	Northeast	124.6	A	121.8	A	
	Southwest	134.7	A	130.7	A	
	Southwest	85.5	A	83.8	A	
	Northwest	81.0	A	79.5	A	
Eleventh Avenue and West 26th Street	Northeast	53.6	B	53.1	B	
	Southwest	125.8	A	121.6	A	
	Southwest	106.3	A	104.0	A	
	Northeast	126.7	A	123.0	A	
Eleventh Avenue and West 25th Street	Southwest	195.5	A	186.7	A	
	Northwest	512.1	A	483.5	A	
Eleventh Avenue and West 24th Street	Northeast	261.9	A	252.6	A	
	Southwest	363.9	A	349.3	A	
	Southwest	286.4	A	274.0	A	
Hudson Boulevard East and West 34th Street	Northeast	123.1	A	126.2	A	
	Southwest	59.7	B	62.8	A	
Hudson Boulevard East and West 33rd Street	Northeast	133.4	A	135.5	A	
	Northwest	39.3	C	40.3	B	
Tenth Avenue and West 35th Street	Northeast	57.0	B	58.4	B	
	Southwest	60.9	A	62.4	A	
	Southwest	127.0	A	130.8	A	
	Southwest	37.9	C	39.0	C	
	Southwest	66.2	A	68.3	A	
Tenth Avenue and West 34th Street	Northwest	68.5	A	70.3	A	
	Northeast	24.9	C	24.9	C	
	Southwest	32.2	C	39.5	C	
Tenth Avenue and West 31st Street	Northeast	29.5	C	29.1	C	
	Southwest	12.2	E	8.9	E	X
Tenth Avenue and Dyer Avenue	Northeast	137.0	A	85.0	A	
	Southwest	115.7	A	121.5	A	
	Southwest	210.4	A	221.6	A	
	Northwest	108.4	A	116.5	A	
Tenth Avenue and West 29th Street	Northeast	178.0	A	201.0	A	
	Southwest	89.0	A	95.3	A	
	Southwest	173.3	A	193.7	A	
	Northwest	110.6	A	109.9	A	
Tenth Avenue and West 28th Street	Northeast	189.3	A	187.9	A	
	Southwest	84.6	A	83.8	A	
	Southwest	181.6	A	180.0	A	
	Northwest	43.2	B	46.3	B	
Dyer Avenue and West 31st Street	Northeast	9.7	E	10.5	E	
	Southwest	50.2	B	34.0	C	
	Southwest	15.6	D	0.9	F	X
	Northwest	62.5	A	64.5	A	
Ninth Avenue and West 35th Street	Northeast	146.6	A	151.9	A	
	Southwest	84.3	A	86.3	A	
	Southwest	143.3	A	147.9	A	
	Northwest	92.4	A	94.2	A	
Ninth Avenue and West 34th Street	Northeast	159.1	A	159.9	A	
	Southwest	70.9	A	71.9	A	
	Southwest	247.2	A	247.9	A	
Ninth Avenue and West 33rd Street	Southwest	63.0	A	68.7	A	
	Southwest	53.3	B	43.1	B	
Ninth Avenue and West 31st Street	Southwest	42.5	B	31.5	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P47

2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Weekday Midday Peak Hour

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	134.2	A	
	Southwest	125.4	A	124.9	A	
	Southeast	135.2	A	146.8	A	
Eleventh Avenue and West 33rd Street	Northwest	35.4	C	28.4	C	
	Northeast	49.9	B	41.1	B	
	Southwest	10.8	E	37.4	C	
	Southeast	10.0	E	9.8	E	
Eleventh Avenue and West 32nd Street	Northwest	52.8	B	71.4	A	
	Northeast	91.9	A	68.5	A	
	Southwest	73.9	A	139.8	A	
Eleventh Avenue and West 31st Street	Southeast	122.8	A	111.2	A	
Eleventh Avenue and West 30th Street	Northwest	34.2	C	34.7	C	
	Northeast	74.8	A	60.4	A	
	Southwest	25.8	C	26.2	C	
	Southeast	28.6	C	28.8	C	
Eleventh Avenue and West 29th Street	Northwest	71.9	A	72.5	A	
	Northeast	66.9	A	68.0	A	
	Southwest	69.8	A	70.2	A	
	Southeast	67.1	A	68.1	A	
Eleventh Avenue and West 28th Street	Northwest	78.0	A	72.2	A	
	Northeast	112.2	A	107.1	A	
	Southwest	173.2	A	160.9	A	
	Southeast	153.8	A	146.6	A	
Eleventh Avenue and West 27th Street	Northwest	728.7	A	237.2	A	
	Northeast	105.7	A	72.4	A	
	Southwest	600.7	A	205.6	A	
	Southeast	77.9	A	57.7	B	
Eleventh Avenue and West 26th Street	Northwest	175.2	A	95.5	A	
	Northeast	85.7	A	61.1	A	
	Southwest	363.1	A	140.7	A	
	Southeast	149.7	A	92.7	A	
Eleventh Avenue and West 25th Street	Northeast	169.3	A	100.5	A	
	Southeast	227.2	A	125.4	A	
Eleventh Avenue and West 24th Street	Northwest	414.8	A	219.3	A	
	Northeast	203.4	A	112.9	A	
	Southwest	256.9	A	136.6	A	
	Southeast	236.5	A	134.5	A	
Hudson Boulevard East and West 34th Street	Northeast	152.1	A	151.4	A	
	Southeast	107.8	A	111.7	A	
Hudson Boulevard East and West 33rd Street	Northeast	200.9	A	199.7	A	
Tenth Avenue and West 35th Street	Northwest	23.1	D	22.9	D	
	Northeast	20.3	D	20.1	D	
	Southwest	43.6	B	43.1	B	
	Southeast	57.0	B	56.3	B	
Tenth Avenue and West 34th Street	Southwest	36.2	C	36.5	C	
	Southeast	51.6	B	51.9	B	
Tenth Avenue and West 33rd Street	Northwest	67.5	A	66.8	A	
	Northeast	28.3	C	26.8	C	
	Southeast	43.9	B	40.5	B	
Tenth Avenue and West 31st Street	Northeast	28.5	C	28.5	C	
	Southeast	8.4	E	8.2	E	
Tenth Avenue and Dyer Avenue	Northeast	53.7	B	51.7	B	
Tenth Avenue and West 30th Street	Southwest	71.3	A	72.3	A	
	Southeast	101.5	A	102.4	A	
Tenth Avenue and West 29th Street	Northwest	45.9	B	46.5	B	
	Northeast	61.1	A	61.9	A	
	Southwest	42.9	B	43.4	B	
	Southeast	66.5	A	67.3	A	
Tenth Avenue and West 28th Street	Northwest	59.2	B	57.4	B	
	Northeast	92.7	A	88.8	A	
	Southwest	45.6	B	44.0	B	
	Southeast	97.7	A	93.6	A	
Dyer Avenue and West 31st Street	Northwest	46.7	B	47.8	B	
	Northeast	27.5	C	27.9	C	
	Southwest	49.2	B	47.9	B	
	Southeast	35.1	C	33.8	C	
Ninth Avenue and West 35th Street	Northwest	50.8	B	49.4	B	
	Northeast	110.0	A	111.6	A	
	Southwest	58.3	B	56.8	B	
	Southeast	108.6	A	110.1	A	
Ninth Avenue and West 34th Street	Northwest	69.4	A	67.7	A	
	Northeast	125.2	A	122.3	A	
	Southwest	59.4	B	58.2	B	
	Southeast	207.9	A	204.0	A	
Ninth Avenue and West 33rd Street	Southeast	179.1	A	161.3	A	
Ninth Avenue and West 31st Street	Southwest	60.5	A	56.8	B	
	Southeast	62.2	A	58.5	B	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P48

2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Weekday PM Peak Hour

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	317.4	A	
	Southwest	160.4	A	145.9	A	
	Southwest	239.7	A	263.5	A	
	Northwest	22.1	D	17.9	D	X
Eleventh Avenue and West 33rd Street	Northeast	39.6	C	32.5	C	
	Southwest	-1.0	F	24.5	C	
	Southwest	7.6	F	2.7	F	X
	Northwest	56.1	B	55.1	B	
Eleventh Avenue and West 32nd Street	Northeast	91.6	A	53.7	B	
	Southwest	108.6	A	106.0	A	
Eleventh Avenue and West 31st Street	Southwest	112.4	A	73.4	A	
	Northwest	29.3	C	29.7	C	
Eleventh Avenue and West 30th Street	Northeast	60.7	A	51.3	B	
	Southwest	37.9	C	33.9	C	
	Southwest	25.5	C	23.9	D	
	Northwest	88.1	A	83.6	A	
Eleventh Avenue and West 29th Street	Northeast	67.5	A	66.6	A	
	Southwest	88.3	A	82.6	A	
	Southwest	54.9	B	53.0	B	
	Northwest	70.9	A	62.3	A	
Eleventh Avenue and West 28th Street	Northeast	105.2	A	97.6	A	
	Southwest	144.2	A	129.2	A	
	Southwest	119.7	A	111.3	A	
	Northwest	93.3	A	88.1	A	
Eleventh Avenue and West 27th Street	Northeast	107.2	A	105.9	A	
	Southwest	78.6	A	74.7	A	
	Southwest	68.8	A	68.4	A	
	Northwest	40.9	B	39.3	C	
Eleventh Avenue and West 26th Street	Northeast	47.1	B	46.8	B	
	Southwest	63.6	A	61.0	A	
	Southwest	77.8	A	77.3	A	
	Northeast	109.9	A	108.2	A	
Eleventh Avenue and West 25th Street	Southwest	173.3	A	170.3	A	
	Northwest	315.8	A	287.9	A	
Eleventh Avenue and West 24th Street	Northeast	197.8	A	193.0	A	
	Southwest	199.6	A	191.1	A	
	Southwest	243.8	A	239.3	A	
Hudson Boulevard East and West 34th Street	Northeast	128.4	A	128.3	A	
	Southwest	58.8	B	59.4	B	
Hudson Boulevard East and West 33rd Street	Northeast	129.2	A	127.2	A	
	Northwest	29.3	C	28.1	C	
Tenth Avenue and West 35th Street	Northeast	52.9	B	50.3	B	
	Southwest	54.0	B	52.5	B	
	Southwest	107.0	A	102.7	A	
	Southwest	40.2	B	39.3	C	
Tenth Avenue and West 34th Street	Southwest	62.4	A	61.0	A	
	Northwest	68.2	A	65.8	A	
Tenth Avenue and West 33rd Street	Northeast	29.5	C	26.9	C	
	Southwest	36.9	C	35.9	C	
Tenth Avenue and West 31st Street	Northeast	36.9	C	37.1	C	
	Southwest	9.4	E	7.3	F	X
Tenth Avenue and Dyer Avenue	Northeast	124.0	A	90.6	A	
	Southwest	106.3	A	102.8	A	
Tenth Avenue and West 30th Street	Southwest	167.0	A	160.7	A	
	Northwest	85.6	A	83.0	A	
Tenth Avenue and West 29th Street	Northeast	113.8	A	108.7	A	
	Southwest	90.5	A	88.0	A	
	Southwest	138.7	A	133.3	A	
Tenth Avenue and West 28th Street	Northwest	130.6	A	118.1	A	
	Northeast	206.6	A	177.7	A	
	Southwest	107.9	A	96.7	A	
	Southwest	202.9	A	177.1	A	
	Northwest	21.3	D	21.3	D	
Dyer Avenue and West 31st Street	Northeast	25.5	C	24.7	C	
	Southwest	27.1	C	10.6	E	X
	Southwest	38.7	C	25.9	C	
	Northwest	77.4	A	73.9	A	
Ninth Avenue and West 35th Street	Northeast	126.5	A	131.4	A	
	Southwest	91.1	A	86.1	A	
	Southwest	129.1	A	132.8	A	
	Northwest	97.1	A	89.7	A	
Ninth Avenue and West 34th Street	Northeast	143.0	A	135.9	A	
	Southwest	59.6	B	56.4	B	
	Southwest	212.6	A	204.3	A	
Ninth Avenue and West 33rd Street	Southwest	76.8	A	76.9	A	
	Southwest	45.4	B	33.1	C	
Ninth Avenue and West 31st Street	Southwest	55.8	B	44.1	B	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P49

**2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Weekday Evening Peak Hour**

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
Eleventh Avenue and West 34th Street	Northeast	485.5	A	485.1	A	
	Southwest	282.6	A	243.2	A	
	Southeast	362.4	A	421.2	A	
Eleventh Avenue and West 33rd Street	Northwest	53.0	B	34.8	C	
	Northeast	85.3	A	59.7	B	
	Southwest	16.5	D	34.6	C	
	Southeast	23.2	D	10.0	E	X
Eleventh Avenue and West 32nd Street	Northwest	105.2	A	117.8	A	
	Northeast	186.3	A	130.4	A	
	Southwest	186.0	A	225.7	A	
Eleventh Avenue and West 31st Street	Southeast	157.3	A	131.0	A	
	Northwest	56.7	B	64.2	A	
Eleventh Avenue and West 30th Street	Northeast	102.5	A	101.5	A	
	Southwest	51.0	B	46.0	B	
	Southeast	47.2	B	45.4	B	
	Northwest	131.9	A	123.5	A	
Eleventh Avenue and West 29th Street	Northeast	132.4	A	130.4	A	
	Southwest	137.1	A	127.6	A	
	Southeast	114.1	A	111.4	A	
	Northwest	102.8	A	86.5	A	
Eleventh Avenue and West 28th Street	Northeast	153.1	A	138.5	A	
	Southwest	208.2	A	180.4	A	
	Southeast	184.5	A	167.7	A	
	Northwest	164.2	A	153.7	A	
Eleventh Avenue and West 27th Street	Northeast	162.7	A	162.1	A	
	Southwest	132.2	A	124.5	A	
	Southeast	111.6	A	111.4	A	
	Northwest	82.0	A	79.3	A	
Eleventh Avenue and West 26th Street	Northeast	72.3	A	72.2	A	
	Southwest	128.6	A	123.1	A	
	Southeast	132.0	A	131.8	A	
	Northeast	139.4	A	139.4	A	
Eleventh Avenue and West 25th Street	Southeast	354.7	A	355.2	A	
	Northwest	625.9	A	539.8	A	
	Northeast	397.7	A	396.1	A	
Eleventh Avenue and West 24th Street	Southwest	375.4	A	353.5	A	
	Southeast	384.7	A	384.0	A	
	Northeast	282.3	A	279.7	A	
	Southwest	119.8	A	121.9	A	
Hudson Boulevard East and West 34th Street	Northeast	255.2	A	248.6	A	
	Southwest	58.1	B	56.4	B	
Tenth Avenue and West 35th Street	Northeast	73.7	A	71.1	A	
	Southwest	89.0	A	86.8	A	
	Southeast	137.0	A	132.8	A	
	Southwest	89.1	A	86.7	A	
Tenth Avenue and West 34th Street	Southeast	120.5	A	117.8	A	
	Northwest	140.5	A	131.8	A	
	Northeast	69.5	A	60.9	A	
Tenth Avenue and West 33rd Street	Southeast	82.4	A	70.7	A	
	Northwest	74.4	A	75.4	A	
	Southeast	31.5	C	28.3	C	
Tenth Avenue and Dyer Avenue	Northeast	165.3	A	146.6	A	
	Southwest	140.1	A	136.4	A	
Tenth Avenue and West 30th Street	Southeast	259.2	A	250.4	A	
	Northwest	132.2	A	128.3	A	
	Northeast	178.0	A	171.6	A	
Tenth Avenue and West 29th Street	Southwest	130.9	A	127.1	A	
	Southeast	198.3	A	191.4	A	
	Northwest	181.2	A	163.9	A	
	Northeast	254.3	A	219.1	A	
Tenth Avenue and West 28th Street	Southwest	149.0	A	134.4	A	
	Southeast	261.2	A	227.5	A	
	Northwest	86.3	A	85.1	A	
	Northeast	68.9	A	68.2	A	
Dyer Avenue and West 31st Street	Southwest	88.8	A	59.6	B	
	Southeast	79.3	A	57.9	B	
	Northwest	124.3	A	116.6	A	
	Northeast	177.0	A	182.4	A	
Ninth Avenue and West 35th Street	Southwest	144.8	A	134.6	A	
	Southeast	189.7	A	195.1	A	
	Northwest	195.6	A	176.5	A	
	Northeast	294.6	A	275.3	A	
Ninth Avenue and West 34th Street	Southwest	151.2	A	140.6	A	
	Southeast	481.1	A	457.4	A	
	Southeast	166.0	A	151.4	A	
Ninth Avenue and West 33rd Street	Southwest	105.6	A	83.7	A	
	Southeast	104.0	A	86.3	A	
Ninth Avenue and West 31st Street	Southeast	104.0	A	86.3	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P50

2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Saturday Midday/Afternoon Peak Hour

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
Eleventh Avenue and West 34th Street	Northeast	250.0	A	260.2	A	
	Southwest	167.6	A	171.9	A	
	Southeast	206.8	A	250.1	A	
Eleventh Avenue and West 33rd Street	Northwest	47.6	B	36.9	C	
	Northeast	69.2	A	55.0	B	
	Southwest	23.3	D	35.9	C	
	Southeast	12.2	E	1.6	F	X
	Northwest	66.3	A	100.0	A	
Eleventh Avenue and West 32nd Street	Northeast	143.7	A	144.9	A	
	Southwest	95.2	A	193.8	A	
	Southeast	105.8	A	109.3	A	
Eleventh Avenue and West 30th Street	Northwest	37.2	C	48.4	B	
	Northeast	67.0	A	73.1	A	
	Southwest	26.8	C	28.8	C	
	Southeast	29.3	C	31.0	C	
	Northwest	71.0	A	73.3	A	
Eleventh Avenue and West 29th Street	Northeast	81.1	A	85.3	A	
	Southwest	69.1	A	71.8	A	
	Southeast	73.7	A	77.9	A	
	Northwest	77.3	A	69.6	A	
Eleventh Avenue and West 28th Street	Northeast	119.4	A	111.1	A	
	Southwest	162.1	A	147.9	A	
	Southeast	146.9	A	136.9	A	
	Northwest	116.5	A	101.7	A	
Eleventh Avenue and West 27th Street	Northeast	107.4	A	95.9	A	
	Southwest	96.4	A	84.8	A	
	Southeast	73.4	A	67.8	A	
	Northwest	48.6	B	44.6	B	
Eleventh Avenue and West 26th Street	Northeast	39.8	C	37.4	C	
	Southwest	76.8	A	69.5	A	
	Southeast	75.4	A	69.3	A	
	Northeast	124.6	A	110.4	A	
Eleventh Avenue and West 25th Street	Southwest	175.0	A	152.3	A	
	Northwest	361.3	A	283.9	A	
	Northeast	149.3	A	128.8	A	
Eleventh Avenue and West 24th Street	Southwest	213.4	A	175.2	A	
	Southeast	162.9	A	142.6	A	
	Northeast	284.5	A	281.5	A	
Hudson Boulevard East and West 34th Street	Southwest	118.6	A	128.3	A	
	Northeast	217.6	A	219.3	A	
Tenth Avenue and West 35th Street	Northwest	38.8	C	38.0	C	
	Northeast	41.1	B	40.4	B	
	Southwest	67.1	A	66.1	A	
	Southeast	92.3	A	91.2	A	
	Southwest	58.7	B	60.6	A	
Tenth Avenue and West 34th Street	Southeast	80.9	A	83.8	A	
	Northwest	115.0	A	113.7	A	
Tenth Avenue and West 33rd Street	Northeast	59.5	B	54.6	B	
	Southeast	81.3	A	68.0	A	
	Northwest	60.4	A	62.1	A	
Tenth Avenue and West 31st Street	Southwest	25.3	C	26.8	C	
	Northeast	108.4	A	114.6	A	
Tenth Avenue and Dyer Avenue	Southwest	86.6	A	90.3	A	
	Southeast	150.7	A	157.6	A	
	Northwest	57.6	B	60.0	A	
Tenth Avenue and West 29th Street	Northeast	92.5	A	98.0	A	
	Southwest	58.6	B	60.9	A	
	Southeast	107.5	A	113.4	A	
	Northwest	73.2	A	68.8	A	
Tenth Avenue and West 28th Street	Northeast	129.1	A	119.2	A	
	Southwest	55.2	B	51.9	B	
	Southeast	121.4	A	113.0	A	
	Northwest	68.9	A	74.4	A	
Dyer Avenue and West 31st Street	Northeast	47.4	B	51.5	B	
	Southwest	70.6	A	74.4	A	
	Southeast	58.0	B	61.3	A	
	Northwest	76.4	A	72.9	A	
Ninth Avenue and West 35th Street	Northeast	152.7	A	157.6	A	
	Southwest	96.6	A	92.0	A	
	Southeast	166.7	A	172.6	A	
Ninth Avenue and West 34th Street	Northwest	116.8	A	113.0	A	
	Northeast	233.0	A	223.9	A	
	Southwest	107.9	A	104.8	A	
	Southeast	420.5	A	406.3	A	
Ninth Avenue and West 33rd Street	Southeast	200.9	A	173.2	A	
Ninth Avenue and West 31st Street	Southwest	80.0	A	74.2	A	
	Southeast	80.9	A	75.1	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P51

2031 No Action and With Action Conditions Corners Level of Service Analysis
Proposed Project
Saturday Evening Peak Hour

Location	Corner	2031 No Action		2031 With Action Proposed Project		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	549.0	A	
	Southwest	318.1	A	229.2	A	
	Southeast	403.5	A	388.5	A	
	Northwest	83.6	A	34.1	C	
Eleventh Avenue and West 33rd Street	Northeast	113.4	A	51.6	B	
	Southwest	29.7	C	15.6	D	X
	Southeast	34.5	C	3.1	F	X
	Northwest	127.9	A	124.1	A	
Eleventh Avenue and West 32nd Street	Northeast	178.8	A	191.2	A	
	Southwest	193.3	A	236.8	A	
Eleventh Avenue and West 31st Street	Southeast	143.3	A	136.0	A	
	Northwest	51.2	B	57.3	B	
	Northeast	92.6	A	97.9	A	
Eleventh Avenue and West 30th Street	Southwest	48.1	B	30.7	C	
	Southeast	48.3	B	38.4	C	
	Northwest	130.9	A	105.0	A	
	Northeast	127.7	A	111.4	A	
Eleventh Avenue and West 29th Street	Southwest	139.0	A	106.8	A	
	Southeast	117.9	A	98.6	A	
	Northwest	105.6	A	83.1	A	
	Northeast	196.9	A	167.5	A	
Eleventh Avenue and West 28th Street	Southwest	185.4	A	152.6	A	
	Southeast	199.6	A	174.0	A	
	Northwest	167.9	A	153.3	A	
	Northeast	157.6	A	158.8	A	
Eleventh Avenue and West 27th Street	Southwest	134.8	A	123.9	A	
	Southeast	117.2	A	118.0	A	
	Northwest	57.2	B	54.1	B	
	Northeast	60.5	A	60.7	A	
Eleventh Avenue and West 26th Street	Southwest	91.7	A	85.5	A	
	Southeast	128.2	A	129.0	A	
	Northeast	157.9	A	159.4	A	
Eleventh Avenue and West 25th Street	Southeast	311.4	A	316.8	A	
	Northwest	691.4	A	541.1	A	
	Northeast	332.5	A	337.0	A	
Eleventh Avenue and West 24th Street	Southwest	372.6	A	347.6	A	
	Southeast	331.2	A	335.5	A	
	Northeast	621.1	A	564.8	A	
Hudson Boulevard East and West 34th Street	Southeast	184.1	A	171.1	A	
Hudson Boulevard East and West 33rd Street	Northwest	358.6	A	323.2	A	
	Northwest	75.1	A	69.6	A	
	Northeast	66.3	A	60.9	A	
Tenth Avenue and West 35th Street	Southwest	149.2	A	135.0	A	
	Southeast	163.2	A	147.0	A	
	Southwest	131.3	A	114.8	A	
Tenth Avenue and West 34th Street	Southeast	162.7	A	142.0	A	
	Northwest	216.0	A	177.9	A	
	Northeast	107.0	A	78.1	A	
Tenth Avenue and West 33rd Street	Southeast	109.8	A	72.1	A	
	Northwest	109.4	A	103.7	A	
	Southeast	47.2	B	44.6	B	
Tenth Avenue and Dyer Avenue	Northeast	219.6	A	234.4	A	
	Southwest	135.3	A	115.5	A	
Tenth Avenue and West 30th Street	Southeast	250.6	A	202.2	A	
	Northwest	116.4	A	101.6	A	
	Northeast	194.3	A	157.0	A	
Tenth Avenue and West 29th Street	Southwest	111.1	A	95.4	A	
	Southeast	197.0	A	155.5	A	
	Northwest	136.8	A	119.7	A	
	Northeast	281.7	A	222.1	A	
Tenth Avenue and West 28th Street	Southwest	119.1	A	102.4	A	
	Southeast	280.2	A	223.7	A	
	Northwest	115.6	A	96.3	A	
	Northeast	81.0	A	64.9	A	
Dyer Avenue and West 31st Street	Southwest	124.3	A	101.1	A	
	Southeast	101.5	A	81.7	A	
	Northwest	131.9	A	115.8	A	
	Northeast	193.4	A	197.7	A	
Ninth Avenue and West 35th Street	Southwest	166.5	A	145.2	A	
	Southeast	209.0	A	214.2	A	
	Northwest	182.3	A	151.4	A	
	Northeast	267.9	A	245.0	A	
Ninth Avenue and West 34th Street	Southwest	164.7	A	140.9	A	
	Southeast	468.7	A	433.9	A	
	Southeast	263.1	A	209.7	A	
Ninth Avenue and West 33rd Street	Southwest	95.9	A	83.5	A	
Ninth Avenue and West 31st Street	Southeast	104.1	A	90.5	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P52

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Weekday AM Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	506	57.1	B	East	53.0	15.5	401	73.4	A	
Eleventh Avenue and West 33rd Street	North	70.0	17.0	1409	31.5	C	North	70.0	17.0	1201	37.2	C	
	East	33.0	16.0	2210	22.9	D	East	33.0	16.0	2150	23.1	D	
	South	70.0	14.0	4289	1.7	F	South	70.0	14.0	1470	6.6	F	
	West	34.0	15.0	2173	15.6	D	West	34.0	15.0	1889	17.7	D	
Eleventh Avenue and West 32nd Street	North	70.0	16.0	206	213.6	A	North	70.0	16.0	620	68.3	A	
	South	70.0	16.0	174	253.3	A	South	70.0	16.0	579	73.1	A	
	West	34.0	15.0	1853	26.1	C	West	30.0	13.0	3014	11.3	E	X
Eleventh Avenue and West 31st Street	North	70.0	16.0	213	168.7	A	North	70.0	16.0	697	49.2	B	
	South	70.0	16.0	639	50.6	B	South	70.0	16.0	1245	26.7	C	
Eleventh Avenue and West 30th Street	North	61.0	9.5	1001	14.3	E	North	61.0	9.5	1710	6.8	F	X
	East	34.0	14.0	1252	14.2	E	East	34.0	14.0	1231	11.9	E	X
	South	70.0	12.0	479	48.4	B	South	70.0	12.0	428	52.6	B	
	West	34.0	15.0	1324	25.2	C	West	34.0	15.0	1188	28.5	C	
Eleventh Avenue and West 29th Street	West	34.0	15.5	864	34.1	C	West	34.0	15.5	809	34.1	C	
Eleventh Avenue and West 28th Street	East	35.0	14.5	884	37.9	C	East	35.0	14.5	891	36.9	C	
	West	33.5	14.0	697	53.7	B	West	33.5	14.0	712	52.2	B	
Eleventh Avenue and West 27th Street	East	36.0	12.0	551	58.3	B	East	36.0	12.0	566	56.5	B	
	West	34.0	13.0	699	56.9	B	West	34.0	13.0	722	55.0	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	576	54.1	B	East	36.0	13.0	591	52.4	B	
	West	34.0	14.0	590	63.5	A	West	34.0	14.0	613	60.6	A	
Eleventh Avenue and West 25th Street	East	34.0	15.0	377	86.1	A	East	34.0	15.0	392	81.7	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	354	25.8	C	East	34.0	14.0	369	24.6	C	
	West	48.0	18.0	288	193.0	A	West	48.0	18.0	300	184.5	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1595	25.6	C	South	24.0	18.0	1526	27.0	C	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	3925	2.0	F	West	27.0	14.0	3918	2.0	F	
Tenth Avenue and West 34th Street	South	70.0	20.0	1548	23.5	D	South	70.0	20.0	1479	24.6	C	
Tenth Avenue and West 33rd Street	South	62.0	15.0	3218	7.7	F	South	62.0	15.0	2648	9.9	E	
Tenth Avenue and West 31st Street	East	34.0	17.0	2219	17.9	D	East	34.0	17.0	2382	16.4	D	
	South	60.0	14.0	1120	21.5	D	South	60.0	14.0	1330	17.8	D	X
Tenth Avenue and Dyer Avenue	East	36.0	14.0	660	42.0	B	East	36.0	14.0	1021	26.5	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	420	46.5	B	North	55.0	14.0	749	20.3	D	
Tenth Avenue and West 29th Street	West	34.0	12.5	756	34.2	C	West	34.0	12.5	726	34.9	C	
Tenth Avenue and West 28th Street	East	30.0	12.0	486	52.6	B	East	30.0	12.0	493	51.9	B	
	West	30.0	12.5	820	35.8	C	West	30.0	12.5	827	35.4	C	
Dyer Avenue and West 31st Street	North	51.0	8.0	916	9.0	E	North	51.0	8.0	878	9.4	E	
	South	52.0	8.0	895	9.1	E	South	52.0	8.0	1297	5.7	F	X
Ninth Avenue and West 34th Street	South	52.0	22.0	1792	18.1	D	South	52.0	22.0	1772	18.3	D	
Ninth Avenue and West 33rd Street	South	39.0	22.0	3791	6.1	F	South	39.0	22.0	3452	6.8	F	
Ninth Avenue and West 31st Street	North	39.0	16.0	1172	17.7	D	North	39.0	16.0	1173	17.6	D	
	South	42.0	14.0	867	17.4	D	South	42.0	14.0	1308	10.9	E	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P53

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Weekday Midday Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	1626	14.6	E	East	53.0	15.5	1531	15.6	D	
Eleventh Avenue and West 33rd Street	North	70.0	17.0	615	57.8	B	North	70.0	17.0	859	40.8	B	
	East	33.0	16.0	2331	20.8	D	East	33.0	16.0	2557	18.6	D	X
	South	70.0	14.0	2643	3.0	F	South	70.0	14.0	2326	3.5	F	
	West	34.0	15.0	2230	16.2	D	West	34.0	15.0	2570	12.2	E	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	245	179.2	A	North	70.0	16.0	350	124.6	A	
	South	70.0	16.0	245	179.1	A	South	70.0	16.0	341	126.9	A	
	West	34.0	15.0	3610	11.9	E	West	30.0	13.0	3039	11.5	E	
Eleventh Avenue and West 31st Street	North	70.0	16.0	76	512.8	A	North	70.0	16.0	424	89.8	A	
	South	70.0	16.0	348	104.9	A	South	70.0	16.0	632	59.4	B	
Eleventh Avenue and West 30th Street	North	61.0	9.5	999	18.3	D	North	61.0	9.5	1404	12.5	E	X
	East	34.0	14.0	1367	14.0	E	East	34.0	14.0	1357	7.4	F	X
	South	70.0	12.0	652	36.7	C	South	70.0	12.0	641	36.4	C	
	West	34.0	15.0	2443	11.3	E	West	34.0	15.0	2421	11.4	E	
Eleventh Avenue and West 29th Street	West	34.0	15.5	1470	20.1	D	West	34.0	15.5	1472	18.3	D	
Eleventh Avenue and West 28th Street	East	35.0	14.5	1149	30.9	C	East	35.0	14.5	1206	28.2	C	
	West	33.5	14.0	1133	34.3	C	West	33.5	14.0	1218	31.6	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	804	40.0	B	East	36.0	12.0	1156	26.9	C	
	West	34.0	13.0	112	365.3	A	West	34.0	13.0	493	79.5	A	
Eleventh Avenue and West 26th Street	East	36.0	13.0	473	63.3	A	East	36.0	13.0	825	34.8	C	
	West	34.0	14.0	170	176.0	A	West	34.0	14.0	551	52.4	B	
Eleventh Avenue and West 25th Street	East	34.0	15.0	365	109.0	A	East	34.0	15.0	717	53.2	B	
Eleventh Avenue and West 24th Street	East	34.0	14.0	446	21.9	D	East	34.0	14.0	798	11.6	E	X
	West	48.0	18.0	387	136.3	A	West	48.0	18.0	751	68.5	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1053	43.2	B	South	24.0	18.0	1026	44.6	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1771	5.8	F	West	27.0	14.0	2291	4.1	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	1690	21.1	D	South	70.0	20.0	1663	21.5	D	
Tenth Avenue and West 33rd Street	South	62.0	15.0	2226	12.7	E	South	62.0	15.0	2420	11.6	E	X
Tenth Avenue and West 31st Street	East	34.0	17.0	2442	14.9	E	East	34.0	17.0	2478	14.6	E	
	South	60.0	14.0	996	25.1	C	South	60.0	14.0	1001	25.0	C	
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1552	14.6	E	East	36.0	14.0	1603	14.1	E	
Tenth Avenue and West 30th Street	North	55.0	14.0	691	19.6	D	North	55.0	14.0	732	14.5	E	X
Tenth Avenue and West 29th Street	West	34.0	12.5	1695	15.4	D	West	34.0	12.5	1687	15.3	D	
Tenth Avenue and West 28th Street	East	30.0	12.0	1434	18.9	D	East	30.0	12.0	1493	18.0	D	
	West	30.0	12.5	1996	14.4	E	West	30.0	12.5	2055	13.9	E	
Dyer Avenue and West 31st Street	North	51.0	8.0	760	10.8	E	North	51.0	8.0	749	10.9	E	
	South	52.0	8.0	809	11.6	E	South	52.0	8.0	827	11.3	E	
Ninth Avenue and West 34th Street	South	52.0	22.0	1647	20.0	D	South	52.0	22.0	1687	19.5	D	
Ninth Avenue and West 33rd Street	South	39.0	22.0	1452	24.8	C	South	39.0	22.0	1670	21.1	D	
Ninth Avenue and West 31st Street	North	39.0	16.0	793	28.4	C	North	39.0	16.0	851	26.3	C	
	South	42.0	14.0	898	19.3	D	South	42.0	14.0	985	17.5	D	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P54

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Weekday PM Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	692	49.3	B	East	53.0	15.5	608	56.5	B	
Eleventh Avenue and West 33rd Street	North	70.0	17.0	1357	28.1	C	North	70.0	17.0	1533	25.0	C	
	East	33.0	16.0	2229	19.4	D	East	33.0	16.0	2689	15.5	D	X
	South	70.0	14.0	4026	1.8	F	South	70.0	14.0	3344	2.2	F	
	West	34.0	15.0	2460	13.0	E	West	34.0	15.0	2895	8.6	E	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	211	208.3	A	North	70.0	16.0	559	76.2	A	
	South	70.0	16.0	179	246.0	A	South	70.0	16.0	511	83.5	A	
	West	34.0	15.0	2505	18.4	D	West	30.0	13.0	3788	8.5	E	X
Eleventh Avenue and West 31st Street	North	70.0	16.0	219	163.9	A	North	70.0	16.0	724	47.5	B	
	South	70.0	16.0	609	51.3	B	South	70.0	16.0	1206	27.7	C	
Eleventh Avenue and West 30th Street	North	61.0	9.5	1424	12.3	E	North	61.0	9.5	1826	8.5	E	X
	East	34.0	14.0	1611	9.3	E	East	34.0	14.0	1618	2.7	F	X
	South	70.0	12.0	631	40.3	B	South	70.0	12.0	697	34.9	C	
	West	34.0	15.0	2034	16.8	D	West	34.0	15.0	2193	15.4	D	
Eleventh Avenue and West 29th Street	West	34.0	15.5	1276	22.9	D	West	34.0	15.5	1349	20.4	D	
Eleventh Avenue and West 28th Street	East	35.0	14.5	1132	31.9	C	East	35.0	14.5	1235	27.7	C	
	West	33.5	14.0	1022	39.2	C	West	33.5	14.0	1169	33.8	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	798	44.3	B	East	36.0	12.0	807	43.7	B	
	West	34.0	13.0	979	30.8	C	West	34.0	13.0	1033	29.0	C	
Eleventh Avenue and West 26th Street	East	36.0	13.0	700	48.4	B	East	36.0	13.0	709	47.8	B	
	West	34.0	14.0	973	31.8	C	West	34.0	14.0	1027	30.0	C	
Eleventh Avenue and West 25th Street	East	34.0	15.0	455	81.2	A	East	34.0	15.0	464	79.3	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	444	21.4	D	East	34.0	14.0	453	20.9	D	
	West	48.0	18.0	472	99.8	A	West	48.0	18.0	502	94.9	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1691	24.4	C	South	24.0	18.0	1716	24.0	D	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	4485	1.4	F	West	27.0	14.0	5105	1.2	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	1833	23.6	D	South	70.0	20.0	1858	23.3	D	
Tenth Avenue and West 33rd Street	South	62.0	15.0	3391	7.8	F	South	62.0	15.0	3266	8.2	E	
Tenth Avenue and West 31st Street	East	34.0	17.0	2147	19.8	D	East	34.0	17.0	2252	18.6	D	
	South	60.0	14.0	1233	20.6	D	South	60.0	14.0	1450	17.1	D	X
Tenth Avenue and Dyer Avenue	East	36.0	14.0	789	29.9	C	East	36.0	14.0	1077	21.1	D	
Tenth Avenue and West 30th Street	North	55.0	14.0	514	38.9	C	North	55.0	14.0	809	17.8	D	X
Tenth Avenue and West 29th Street	West	34.0	12.5	879	33.6	C	West	34.0	12.5	896	32.9	C	
Tenth Avenue and West 28th Street	East	30.0	12.0	488	58.7	B	East	30.0	12.0	592	47.8	B	
	West	30.0	12.5	710	48.1	B	West	30.0	12.5	814	41.4	B	
Dyer Avenue and West 31st Street	North	51.0	8.0	965	6.9	F	North	51.0	8.0	974	6.8	F	
	South	52.0	8.0	930	9.3	E	South	52.0	8.0	1308	6.2	F	X
Ninth Avenue and West 34th Street	South	52.0	22.0	1930	16.9	D	South	52.0	22.0	2010	16.2	D	
Ninth Avenue and West 33rd Street	South	39.0	22.0	4051	5.9	F	South	39.0	22.0	3964	6.1	F	
Ninth Avenue and West 31st Street	North	39.0	16.0	1177	17.8	D	North	39.0	16.0	1277	16.3	D	
	South	42.0	14.0	824	20.4	D	South	42.0	14.0	1293	12.3	E	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P55

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Weekday Evening Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	445	58.9	B	East	53.0	15.5	371	71.3	A	
	North	70.0	17.0	648	52.7	B	North	70.0	17.0	943	35.4	C	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1162	49.3	B	East	33.0	16.0	1533	36.5	C	
	South	70.0	14.0	1922	3.9	F	South	70.0	14.0	2696	2.6	F	X
	West	34.0	15.0	1309	31.9	C	West	34.0	15.0	1828	18.3	D	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	82	540.8	A	North	70.0	16.0	195	225.4	A	
	South	70.0	16.0	82	540.5	A	South	70.0	16.0	189	232.7	A	
	West	34.0	15.0	1527	32.4	C	West	30.0	13.0	1930	20.2	D	
Eleventh Avenue and West 31st Street	North	70.0	16.0	90	402.6	A	North	70.0	16.0	300	118.9	A	
	South	70.0	16.0	440	79.5	A	South	70.0	16.0	618	56.5	B	
Eleventh Avenue and West 30th Street	North	61.0	9.5	756	20.7	D	North	61.0	9.5	735	21.5	D	
	East	34.0	14.0	868	24.4	C	East	34.0	14.0	873	11.7	E	X
	South	70.0	12.0	375	64.2	A	South	70.0	12.0	412	57.0	B	
	West	34.0	15.0	1189	21.4	D	West	34.0	15.0	1291	19.5	D	
Eleventh Avenue and West 29th Street	West	34.0	15.5	762	40.0	B	West	34.0	15.5	814	33.5	C	
Eleventh Avenue and West 28th Street	East	35.0	14.5	579	51.2	B	East	35.0	14.5	654	43.2	B	
	West	33.5	14.0	591	58.0	B	West	33.5	14.0	704	47.6	B	
Eleventh Avenue and West 27th Street	East	36.0	12.0	452	73.2	A	East	36.0	12.0	453	72.9	A	
	West	34.0	13.0	566	54.0	B	West	34.0	13.0	606	50.2	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	390	92.6	A	East	36.0	13.0	391	92.3	A	
	West	34.0	14.0	579	76.7	A	West	34.0	14.0	619	71.5	A	
Eleventh Avenue and West 25th Street	East	34.0	15.0	225	153.9	A	East	34.0	15.0	226	154.1	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	243	42.4	B	East	34.0	14.0	244	42.2	B	
	West	48.0	18.0	266	213.5	A	West	48.0	18.0	286	197.8	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	824	46.4	B	South	24.0	18.0	835	45.7	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2247	3.5	F	West	27.0	14.0	2885	2.5	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	885	44.1	B	South	70.0	20.0	896	43.5	B	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1486	18.5	D	South	62.0	15.0	1708	15.8	D	X
Tenth Avenue and West 31st Street	East	34.0	17.0	1018	40.0	B	East	34.0	17.0	1028	39.7	C	
	South	60.0	14.0	505	48.4	B	South	60.0	14.0	583	41.5	B	
Tenth Avenue and Dyer Avenue	East	36.0	14.0	515	42.6	B	East	36.0	14.0	591	37.5	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	296	59.4	B	North	55.0	14.0	382	34.4	C	
Tenth Avenue and West 29th Street	West	34.0	12.5	601	49.3	B	West	34.0	12.5	613	48.1	B	
Tenth Avenue and West 28th Street	East	30.0	12.0	354	75.2	A	East	30.0	12.0	429	61.2	A	
	West	30.0	12.5	458	73.7	A	West	30.0	12.5	533	62.7	A	
Dyer Avenue and West 31st Street	North	51.0	8.0	444	17.0	D	North	51.0	8.0	449	16.8	D	
	South	52.0	8.0	392	20.7	D	South	52.0	8.0	531	14.9	E	X
Ninth Avenue and West 34th Street	South	52.0	22.0	786	45.8	B	South	52.0	22.0	838	42.8	B	
Ninth Avenue and West 33rd Street	South	39.0	22.0	1568	15.8	D	South	39.0	22.0	1738	14.2	E	X
Ninth Avenue and West 31st Street	North	39.0	16.0	505	41.2	B	North	39.0	16.0	574	36.0	C	
	South	42.0	14.0	419	38.1	C	South	42.0	14.0	622	24.8	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P56

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Saturday Midday/Afternoon Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	1033	32.4	C	East	53.0	15.5	864	39.3	C	
	North	70.0	17.0	679	61.1	A	North	70.0	17.0	947	42.9	B	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1666	32.2	C	East	33.0	16.0	1898	27.8	C	
	South	70.0	14.0	1846	3.8	F	South	70.0	14.0	2921	2.1	F	X
	West	34.0	15.0	1896	25.0	C	West	34.0	15.0	2246	16.4	D	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	158	279.3	A	North	70.0	16.0	163	270.7	A	
	South	70.0	16.0	158	279.2	A	South	70.0	16.0	151	291.0	A	
	West	34.0	15.0	2891	15.5	D	West	30.0	13.0	2319	16.1	D	
Eleventh Avenue and West 31st Street	North	70.0	16.0	124	313.3	A	North	70.0	16.0	263	146.3	A	
	South	70.0	16.0	575	62.1	A	South	70.0	16.0	577	65.3	A	
Eleventh Avenue and West 30th Street	North	61.0	9.5	1290	16.3	D	North	61.0	9.5	1007	21.6	D	
	East	34.0	14.0	1288	13.1	E	East	34.0	14.0	1249	3.2	F	X
	South	70.0	12.0	695	40.0	C	South	70.0	12.0	649	42.5	B	
	West	34.0	15.0	2165	12.2	E	West	34.0	15.0	2077	12.9	E	
Eleventh Avenue and West 29th Street	West	34.0	15.5	1312	19.7	D	West	34.0	15.5	1292	18.9	D	
Eleventh Avenue and West 28th Street	East	35.0	14.5	859	36.8	C	East	35.0	14.5	935	31.9	C	
	West	33.5	14.0	963	40.1	B	West	33.5	14.0	1073	35.6	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	726	44.2	B	East	36.0	12.0	815	38.9	C	
	West	34.0	13.0	855	36.8	C	West	34.0	13.0	980	31.6	C	
Eleventh Avenue and West 26th Street	East	36.0	13.0	634	41.1	B	East	36.0	13.0	723	35.6	C	
	West	34.0	14.0	827	39.4	C	West	34.0	14.0	952	33.9	C	
Eleventh Avenue and West 25th Street	East	34.0	15.0	472	85.4	A	East	34.0	15.0	561	71.2	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	538	16.9	D	East	34.0	14.0	627	14.3	E	X
	West	48.0	18.0	440	116.4	A	West	48.0	18.0	547	92.5	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1000	43.6	B	South	24.0	18.0	936	46.9	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2255	3.8	F	West	27.0	14.0	2842	2.8	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	1176	30.2	C	South	70.0	20.0	1112	32.0	C	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1584	20.0	D	South	62.0	15.0	1936	16.0	D	X
Tenth Avenue and West 31st Street	East	34.0	17.0	1230	34.5	C	East	34.0	17.0	1180	36.1	C	
	South	60.0	14.0	720	39.2	C	South	60.0	14.0	693	40.9	B	
Tenth Avenue and Dyer Avenue	East	36.0	14.0	927	24.5	C	East	36.0	14.0	880	25.9	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	552	34.7	C	North	55.0	14.0	474	30.3	C	
Tenth Avenue and West 29th Street	West	34.0	12.5	1225	19.6	D	West	34.0	12.5	1198	20.1	D	
Tenth Avenue and West 28th Street	East	30.0	12.0	807	33.6	C	East	30.0	12.0	885	30.3	C	
	West	30.0	12.5	1095	22.5	D	West	30.0	12.5	1173	20.8	D	
Dyer Avenue and West 31st Street	North	51.0	8.0	515	13.0	E	North	51.0	8.0	482	14.0	E	
	South	52.0	8.0	579	17.0	D	South	52.0	8.0	553	17.9	D	
Ninth Avenue and West 34th Street	South	52.0	22.0	980	38.3	C	South	52.0	22.0	1032	36.3	C	
Ninth Avenue and West 33rd Street	South	39.0	22.0	1366	24.9	C	South	39.0	22.0	1658	20.0	D	
Ninth Avenue and West 31st Street	North	39.0	16.0	613	41.6	B	North	39.0	16.0	689	36.8	C	
	South	42.0	14.0	595	29.6	C	South	42.0	14.0	678	25.7	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P57

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Proposed Project
Saturday Evening Peak Hour

Location	2031 No Action						2031 With Action (Proposed Project)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	434	78.9	A	East	53.0	15.5	417	82.6	A	
	North	70.0	17.0	418	82.1	A	North	70.0	17.0	983	32.9	C	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	859	58.3	B	East	33.0	16.0	1500	31.2	C	
	South	70.0	14.0	1066	5.6	F	South	70.0	14.0	3551	1.3	F	X
	West	34.0	15.0	994	49.0	B	West	34.0	15.0	2110	16.2	D	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	68	652.7	A	North	70.0	16.0	72	616.3	A	
	South	70.0	16.0	68	652.4	A	South	70.0	16.0	67	662.5	A	
	West	34.0	15.0	1480	33.6	C	West	30.0	13.0	1961	19.8	D	
Eleventh Avenue and West 31st Street	North	70.0	16.0	79	493.2	A	North	70.0	16.0	211	183.0	A	
	South	70.0	16.0	382	99.0	A	South	70.0	16.0	426	89.4	A	
Eleventh Avenue and West 30th Street	North	61.0	9.5	817	16.7	D	North	61.0	9.5	608	23.1	D	
	East	34.0	14.0	876	24.9	C	East	34.0	14.0	934	5.4	F	X
	South	70.0	12.0	416	56.0	B	South	70.0	12.0	591	39.2	C	
	West	34.0	15.0	1180	21.7	D	West	34.0	15.0	1605	14.7	E	X
Eleventh Avenue and West 29th Street	West	34.0	15.5	795	39.3	C	West	34.0	15.5	975	28.2	C	
Eleventh Avenue and West 28th Street	East	35.0	14.5	552	63.2	A	East	35.0	14.5	677	48.1	B	
	West	33.5	14.0	623	55.4	B	West	33.5	14.0	809	41.7	B	
Eleventh Avenue and West 27th Street	East	36.0	12.0	458	63.1	A	East	36.0	12.0	454	63.7	A	
	West	34.0	13.0	605	51.6	B	West	34.0	13.0	664	46.8	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	365	73.8	A	East	36.0	13.0	361	74.7	A	
	West	34.0	14.0	618	44.0	B	West	34.0	14.0	677	40.0	C	
Eleventh Avenue and West 25th Street	East	34.0	15.0	234	138.0	A	East	34.0	15.0	230	140.8	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	250	37.4	C	East	34.0	14.0	246	38.1	C	
	West	48.0	18.0	226	242.9	A	West	48.0	18.0	248	220.6	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	629	77.2	A	South	24.0	18.0	747	64.1	A	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1679	5.3	F	West	27.0	14.0	2654	2.9	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	677	63.0	A	South	70.0	20.0	795	53.5	B	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1122	23.4	D	South	62.0	15.0	1718	14.4	E	X
Tenth Avenue and West 31st Street	East	34.0	17.0	671	66.3	A	East	34.0	17.0	633	70.5	A	
	South	60.0	14.0	468	50.5	B	South	60.0	14.0	538	43.8	B	
Tenth Avenue and Dyer Avenue	East	36.0	14.0	459	58.3	B	East	36.0	14.0	431	62.2	A	
Tenth Avenue and West 30th Street	North	55.0	14.0	318	62.4	A	North	55.0	14.0	354	42.2	B	
Tenth Avenue and West 29th Street	West	34.0	12.5	742	41.1	B	West	34.0	12.5	808	37.4	C	
Tenth Avenue and West 28th Street	East	30.0	12.0	310	91.9	A	East	30.0	12.0	435	64.3	A	
	West	30.0	12.5	608	51.6	B	West	30.0	12.5	733	42.0	B	
Dyer Avenue and West 31st Street	North	51.0	8.0	293	22.2	D	North	51.0	8.0	352	18.3	D	X
	South	52.0	8.0	344	28.2	C	South	52.0	8.0	423	22.9	D	
Ninth Avenue and West 34th Street	South	52.0	22.0	689	47.6	B	South	52.0	22.0	794	41.0	B	
Ninth Avenue and West 33rd Street	South	39.0	22.0	983	37.0	C	South	39.0	22.0	1367	26.0	C	
Ninth Avenue and West 31st Street	North	39.0	16.0	284	80.2	A	North	39.0	16.0	403	55.3	B	
	South	42.0	14.0	467	37.6	C	South	42.0	14.0	606	28.8	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P58
2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Weekday AM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	611	0.86	142.0	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1696	0.86	72.6	C
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1738	0.86	70.8	C
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	546	0.65	206.4	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	445	0.69	133.4	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	561	0.83	213.7	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	682	0.75	54.6	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	3769	0.74	17.6	E
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	3817	0.79	25.3	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	4437	0.75	6.9	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	4489	0.52	36.5	D
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	1307	0.75	27.4	D
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	818	0.65	91.0	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	2255	0.52	44.0	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	3745	0.52	31.7	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1457	0.86	76.3	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1454	0.86	37.3	D
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	473	0.85	102.6	B
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	2426	0.52	50.0	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	1916	0.86	64.1	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1088	0.80	57.8	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1243	0.77	62.0	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	936	0.78	46.8	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	739	0.85	99.0	B
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	808	0.78	90.4	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	778	0.81	127.6	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1594	0.69	45.6	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	691	0.80	99.7	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	825	0.55	71.4	C
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	536	0.72	144.2	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	407	0.69	181.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	366	0.75	221.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	298	0.63	137.1	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	511	0.77	118.2	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1676	0.79	57.3	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	583	0.91	337.3	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3117	0.89	8.8	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2098	0.84	24.0	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1213	0.90	47.4	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3305	0.66	18.0	E
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1488	0.83	47.2	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	670	0.72	139.4	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	648	0.72	47.1	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	401	0.72	181.9	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	484	0.80	118.7	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	731	0.80	30.1	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	687	0.77	63.6	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1356	0.83	83.4	C
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	1185	0.91	31.8	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1804	0.83	38.6	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2496	0.88	26.4	D
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1493	0.85	48.4	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	1103	0.88	33.1	D

Table TA-P59

2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Weekday Midday Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	505	0.73	144.9	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	522	0.73	200.4	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	485	0.73	215.7	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	953	0.65	118.3	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	334	0.75	193.8	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	2293	0.73	44.8	C
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	813	0.57	34.3	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1217	0.60	48.4	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	2679	0.71	33.1	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2178	0.57	14.4	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	3225	0.65	64.8	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	1342	0.57	19.5	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1809	0.75	46.8	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	3307	0.65	37.1	D
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	3134	0.65	48.5	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1872	0.83	56.4	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1118	0.73	41.1	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	838	0.76	51.5	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	4241	0.65	35.3	D
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	711	0.73	147.0	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1595	0.74	35.8	D
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2639	0.76	27.4	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1481	0.81	30.2	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1247	0.78	53.4	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1432	0.70	44.7	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1055	0.71	82.2	C
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2271	0.75	34.4	D
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	885	0.83	80.4	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	1036	0.66	68.2	C
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	627	0.74	127.8	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	723	0.75	110.9	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	810	0.66	87.2	C
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	750	0.69	58.4	C
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	631	0.61	76.2	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1818	0.81	53.7	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	909	0.75	178.0	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1841	0.82	16.8	E
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1772	0.92	32.4	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1082	0.75	44.0	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3336	0.83	23.3	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	967	0.80	71.3	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	1572	0.86	70.1	C
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1502	0.78	20.6	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	1653	0.84	50.3	C
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	1683	0.81	33.3	D
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1958	0.84	8.8	F
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1954	0.78	21.0	E
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	901	0.85	128.8	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	921	0.75	33.9	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1864	0.92	41.4	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	986	0.83	65.9	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1109	0.88	68.2	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	942	0.82	36.6	D

Table TA-P60
2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Weekday PM Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	778	0.86	111.0	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1886	0.86	65.0	C
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	1930	0.86	63.4	C
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	1015	0.84	142.6	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	1058	0.70	56.0	C
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	986	0.71	103.3	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	5033	0.63	-0.9	F
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	4351	0.74	14.4	E
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	3424	0.68	23.9	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	5582	0.63	1.1	F
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	4201	0.72	54.5	C
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	5062	0.63	-1.0	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1804	0.65	40.7	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	2311	0.72	59.6	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	4735	0.72	34.8	D
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	2167	0.80	47.1	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1684	0.86	31.7	D
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	982	0.81	46.7	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	3619	0.72	46.1	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	2202	0.86	55.4	C
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1550	0.85	42.5	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2297	0.79	33.4	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1324	0.87	36.7	D
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1269	0.79	53.2	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1139	0.77	62.4	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1283	0.81	76.2	C
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2067	0.74	37.7	D
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	930	0.82	75.7	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	811	0.75	99.4	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	841	0.76	97.5	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	499	0.75	162.0	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	481	0.78	175.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	387	0.61	102.3	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	775	0.75	76.1	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	2161	0.81	44.9	C
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	982	0.85	187.0	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3363	0.88	7.4	F
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	3055	0.90	16.8	E
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1302	0.72	34.7	D
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2832	0.72	23.8	D
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1525	0.82	45.5	C
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	859	0.73	110.1	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	973	0.93	40.1	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	625	0.71	114.5	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	656	0.83	90.1	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	828	0.84	27.7	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	982	0.87	50.2	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1390	0.76	74.6	C
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	1394	0.85	24.7	D
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	2153	0.86	33.0	D
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2342	0.69	21.2	E
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1532	0.77	42.4	C
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	1172	0.68	23.5	D

Table TA-P61
2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Weekday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	445	0.88	199.3	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	419	0.88	302.6	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	419	0.88	302.6	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	405	0.76	323.6	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	388	0.63	139.9	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	457	0.72	225.9	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	2040	0.65	13.1	E
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1729	0.67	37.7	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1491	0.75	64.5	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2182	0.65	16.8	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	1723	0.58	107.7	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	1978	0.65	13.7	E
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	711	0.64	102.7	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	1039	0.58	107.2	B
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1700	0.58	79.8	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1168	0.78	85.7	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	693	0.88	81.8	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	682	0.86	71.8	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	1297	0.58	104.9	B
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	590	0.88	214.8	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	793	0.85	84.4	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1286	0.68	52.7	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	690	0.82	67.7	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	692	0.57	70.1	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	568	0.61	100.4	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	701	0.61	105.8	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1181	0.68	61.3	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	572	0.64	95.5	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	387	0.69	192.7	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	423	0.73	186.3	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	222	0.58	283.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	251	0.58	249.8	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	220	0.78	228.5	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	413	0.74	141.3	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	917	0.83	109.9	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	453	0.67	319.9	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1388	0.80	23.1	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1416	0.80	35.1	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	546	0.76	90.2	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1266	0.80	63.3	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	542	0.70	111.7	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	557	0.74	171.9	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	603	0.87	61.7	C
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	400	0.76	190.7	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	409	0.78	137.4	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	631	0.83	36.7	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	619	0.84	78.0	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	592	0.73	168.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	608	0.67	46.8	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1029	0.80	66.9	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	914	0.75	64.3	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	681	0.89	111.9	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	499	0.75	64.2	C

Table TA-P62
2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	744	0.66	89.2	C
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	711	0.66	133.7	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	711	0.66	133.7	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	757	0.83	190.2	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	355	0.80	195.3	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	976	0.65	95.8	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	1252	0.73	27.9	D
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1010	0.63	62.6	C
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1456	0.65	57.1	C
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1389	0.73	32.8	D
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	1703	0.59	111.2	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	1175	0.73	29.9	D
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	919	0.82	101.9	B
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	1724	0.59	65.5	C
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1664	0.59	83.2	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1641	0.72	56.3	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	826	0.66	51.1	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	895	0.74	46.6	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	1971	0.59	70.1	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	964	0.66	98.4	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1177	0.75	49.4	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1950	0.75	37.8	D
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	985	0.73	41.9	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1031	0.73	60.5	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	820	0.58	65.0	C
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1073	0.80	90.3	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1808	0.74	43.1	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	795	0.72	78.1	C
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	673	0.77	123.8	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	714	0.69	103.7	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	600	0.85	152.1	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	604	0.73	130.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	492	0.69	90.1	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	693	0.78	88.5	C
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1096	0.83	91.8	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	668	0.63	201.9	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1338	0.88	26.8	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1296	0.80	39.0	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	554	0.83	96.2	B
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1403	0.82	57.9	C
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	545	0.79	125.2	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	839	0.79	121.7	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1157	0.60	20.4	E
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	813	0.84	104.3	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	821	0.81	70.3	C
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1079	0.65	14.6	E
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1281	0.58	24.3	D
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	785	0.87	151.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	689	0.73	44.7	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1078	0.73	57.8	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	625	0.82	104.1	B
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	786	0.83	91.0	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	512	0.72	60.2	C

Table TA-P63

2031 With Action Condition Sidewalks Level of Service Analysis
Alternative Scenario
Saturday Evening Peak Hour

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	7.0	683	0.67	98.5	B
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	660	0.67	145.9	B
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	10.0	660	0.67	145.9	B
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	611	0.80	226.1	B
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	470	0.80	146.8	B
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	610	0.63	148.3	B
West 33rd Street between With Action Site C2 and With Action Site C1	South	3.5	4887	0.58	-1.5	F
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1565	0.48	29.8	D
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	707	0.58	105.6	B
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	2325	0.58	13.5	E
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	22.5	858	0.65	244.2	B
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	3.5	4310	0.58	0.2	F
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1248	0.70	63.5	C
Eleventh Avenue between Site Entrance and West 32nd Street	West	13.5	748	0.65	167.9	B
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	16.5	1838	0.65	83.1	C
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1534	0.73	60.6	C
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	809	0.67	52.8	C
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	1087	0.82	42.3	C
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	16.5	1775	0.65	86.1	C
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.0	794	0.67	121.2	B
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	913	0.83	71.6	C
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1690	0.70	40.8	C
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	761	0.78	58.3	C
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	836	0.68	69.7	C
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	630	0.74	110.2	B
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	883	0.71	97.9	B
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	973	0.58	63.8	C
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	551	0.76	118.4	B
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	299	0.58	207.5	B
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	451	0.71	169.4	B
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	220	0.67	328.6	B
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	230	0.69	321.7	B
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	205	0.71	223.7	B
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	427	0.78	143.4	B
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	856	0.72	102.6	B
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	597	0.76	276.4	B
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1170	0.80	28.1	D
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1672	0.83	30.7	D
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	550	0.64	75.1	C
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	620	0.83	134.9	B
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	494	0.71	123.4	B
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	541	0.87	207.4	B
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	872	0.76	36.2	D
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	495	0.75	151.7	B
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	514	0.77	106.7	B
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	739	0.76	28.0	D
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	951	0.87	52.0	C
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	507	0.77	207.2	B
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	598	0.77	54.7	C
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	933	0.82	75.7	C
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	648	0.74	89.4	C
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	526	0.85	139.6	B
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	436	0.77	75.7	C

Table TA-P64
2031 With Action Condition Corners Level of Service Analysis
Alternative Scenario

Location	Corner	Weekday AM Peak Hour		Weekday Midday Peak Hour		Weekday PM Peak Hour		Weekday Evening Peak Hour		Saturday Midday/Afternoon Peak Hour		Saturday Evening Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS
		Eleventh Avenue and West 34th Street	Northwest	327.8	A	120.2	A	279.9	A	509.8	A	268.9	A
	Southwest	296.5	A	121.8	A	121.7	A	255.7	A	200.0	A	209.8	A
	Southeast	369.1	A	120.1	A	227.7	A	432.0	A	251.1	A	345.1	A
Eleventh Avenue and West 33rd Street	Northwest	24.3	C	33.2	C	11.3	E	44.0	B	62.0	A	36.1	C
	Northwest	32.0	C	44.0	B	24.9	C	73.5	A	82.5	A	56.8	B
	Southwest	30.3	C	34.2	C	8.0	E	34.2	C	66.0	A	22.3	D
	Southeast	2.5	F	12.2	E	-1.9	F	20.2	D	21.2	D	3.7	F
Eleventh Avenue and West 32nd Street	Northwest	42.6	B	61.5	A	52.5	B	125.4	A	131.7	A	183.0	A
Eleventh Avenue and West 31st Street	Southeast	95.2	A	111.7	A	76.0	A	149.7	A	126.9	A	142.9	A
Eleventh Avenue and West 30th Street	Northwest	33.6	C	29.0	C	26.4	C	66.3	A	52.1	B	51.4	B
	Northwest	40.1	B	52.5	B	47.9	B	101.6	A	74.2	A	92.3	A
	Southwest	60.9	A	20.6	D	25.9	C	50.8	B	33.4	C	23.4	D
	Southeast	40.7	B	23.8	D	19.5	D	48.2	B	32.8	C	32.5	C
Eleventh Avenue and West 29th Street	Northwest	130.8	A	58.7	B	71.6	A	127.8	A	77.0	A	96.3	A
	Northwest	91.9	A	55.9	B	60.5	A	134.0	A	86.1	A	102.2	A
	Southwest	140.7	A	54.9	B	68.7	A	134.2	A	76.1	A	94.4	A
	Southeast	92.8	A	57.5	B	46.2	B	116.2	A	81.9	A	86.5	A
Eleventh Avenue and West 28th Street	Northwest	90.4	A	61.6	A	57.0	B	89.2	A	71.9	A	80.6	A
	Northwest	125.5	A	91.7	A	93.2	A	141.9	A	110.9	A	160.2	A
	Southwest	202.1	A	138.8	A	119.6	A	186.2	A	152.3	A	147.5	A
	Southeast	165.9	A	125.1	A	106.1	A	172.3	A	136.7	A	166.7	A
Eleventh Avenue and West 27th Street	Northwest	144.6	A	244.3	A	84.2	A	156.4	A	105.8	A	156.3	A
	Northwest	121.8	A	72.4	A	105.9	A	162.1	A	95.9	A	158.8	A
	Southwest	125.1	A	211.7	A	71.8	A	126.9	A	88.1	A	125.7	A
	Southeast	83.8	A	57.7	B	68.4	A	111.4	A	67.8	A	118.0	A
Eleventh Avenue and West 26th Street	Northwest	77.2	A	97.5	A	38.1	C	80.1	A	45.7	B	54.8	B
	Northwest	53.1	B	61.1	A	46.8	B	72.2	A	37.4	C	60.7	A
	Southwest	116.2	A	144.7	A	59.1	B	125.1	A	71.6	A	86.4	A
	Southeast	103.9	A	92.7	A	77.3	A	131.8	A	69.3	A	129.0	A
Eleventh Avenue and West 25th Street	Northwest	123.0	A	100.5	A	108.2	A	139.4	A	110.4	A	159.4	A
	Southeast	186.7	A	125.4	A	170.3	A	355.2	A	152.3	A	316.8	A
Eleventh Avenue and West 24th Street	Northwest	447.1	A	225.9	A	267.9	A	573.2	A	308.7	A	556.4	A
	Southeast	252.6	A	112.9	A	193.0	A	396.1	A	128.8	A	337.0	A
	Southwest	345.4	A	137.7	A	183.4	A	350.4	A	180.9	A	363.1	A
	Southeast	274.0	A	134.5	A	239.3	A	384.0	A	142.6	A	335.5	A
Hudson Boulevard East and West 34th Street	Northwest	125.5	A	138.6	A	124.2	A	281.8	A	279.9	A	531.2	A
Hudson Boulevard East and West 33rd Street	Southeast	62.5	A	93.7	A	55.5	B	124.0	A	128.4	A	156.7	A
	Northwest	135.3	A	184.7	A	122.8	A	257.1	A	225.2	A	313.6	A
Tenth Avenue and West 35th Street	Northwest	39.7	C	21.3	D	26.8	C	57.0	B	38.1	C	67.1	A
	Northwest	57.0	B	18.3	D	47.2	B	72.0	A	40.4	B	58.4	B
	Southwest	61.5	A	40.4	B	50.5	B	87.0	A	65.9	A	130.7	A
	Southeast	127.9	A	52.5	B	97.3	A	133.6	A	90.7	A	141.7	A
Tenth Avenue and West 34th Street	Southwest	38.9	C	34.7	C	37.2	C	88.2	A	63.5	A	106.6	A
	Southeast	68.2	A	49.6	B	56.7	B	121.0	A	88.2	A	130.4	A
Tenth Avenue and West 33rd Street	Northwest	69.6	A	65.8	A	62.5	A	137.4	A	121.7	A	170.0	A
	Northwest	24.5	C	26.6	C	24.5	C	65.8	A	60.6	A	72.5	A
	Southeast	34.2	C	41.2	B	31.8	C	77.4	A	79.9	A	75.7	A
Tenth Avenue and West 31st Street	Northwest	25.2	C	27.6	C	33.0	C	71.6	A	63.2	A	97.6	A
	Southeast	8.8	E	7.8	F	6.6	F	28.6	C	27.1	C	41.8	B
Tenth Avenue and Dyer Avenue	Northwest	82.1	A	51.3	B	88.4	A	144.2	A	114.2	A	233.3	A
	Southwest	123.1	A	68.0	A	91.4	A	140.2	A	95.9	A	104.0	A
Tenth Avenue and West 30th Street	Southeast	225.4	A	97.0	A	140.1	A	261.9	A	168.6	A	174.0	A
	Northwest	116.1	A	39.4	C	72.8	A	132.3	A	60.6	A	94.5	A
	Northwest	202.6	A	55.0	B	90.1	A	180.1	A	103.2	A	137.9	A
	Southwest	94.9	A	36.5	C	78.0	A	131.8	A	61.4	A	86.5	A
	Southeast	195.1	A	59.6	B	112.8	A	202.1	A	118.9	A	131.9	A
Tenth Avenue and West 28th Street	Northwest	109.8	A	51.6	B	111.2	A	167.9	A	68.7	A	115.5	A
	Northwest	187.8	A	77.3	A	163.8	A	225.5	A	119.0	A	209.5	A
	Southwest	83.6	A	39.4	C	90.1	A	138.5	A	51.8	B	97.5	A
	Southeast	179.8	A	81.7	A	163.3	A	234.6	A	112.8	A	210.1	A
Dyer Avenue and West 31st Street	Northwest	34.3	C	41.7	B	10.5	E	69.8	A	78.7	A	83.1	A
	Northwest	1.0	F	23.7	D	15.9	D	60.2	A	54.9	B	52.0	B
	Southwest	34.1	C	43.6	B	9.8	E	61.0	A	79.0	A	93.3	A
	Southeast	1.0	F	30.5	C	23.3	D	61.3	A	65.6	A	72.2	A
Ninth Avenue and West 35th Street	Northwest	63.1	A	44.0	B	68.6	A	118.3	A	73.2	A	111.0	A
	Northwest	145.6	A	100.5	A	127.6	A	180.2	A	151.7	A	198.4	A
	Southwest	84.6	A	51.0	B	80.5	A	136.1	A	92.5	A	139.8	A
	Southeast	142.2	A	99.4	A	128.9	A	192.5	A	165.5	A	215.0	A
Ninth Avenue and West 34th Street	Northwest	93.4	A	64.1	A	82.7	A	182.8	A	118.5	A	141.8	A
	Northwest	156.1	A	115.7	A	130.2	A	278.3	A	226.3	A	239.6	A
	Southwest	71.5	A	54.3	B	53.4	B	143.5	A	108.3	A	133.3	A
	Southeast	243.9	A	192.1	A	197.9	A	459.9	A	406.9	A	424.2	A
Ninth Avenue and West 33rd Street	Southeast	63.0	A	167.0	A	73.3	A	161.2	A	194.8	A	236.8	A
Ninth Avenue and West 31st Street	Southwest	43.3	B	54.6	B	32.3	C	84.9	A	76.8	A	81.5	A
	Southeast	31.6	C	56.5	B	42.3	B	88.2	A	77.8	A	87.0	A

Table TA-P65

**2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Weekday AM Peak Hour**

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	441	66.6	A
	North	70.0	17.0	1638	26.4	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2611	18.1	D
	South	70.0	14.0	3320	2.4	F
	West	34.0	15.0	2383	13.2	E
	North	70.0	16.0	688	61.5	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	588	72.2	A
	North	70.0	16.0	827	41.4	B
Eleventh Avenue and West 31st Street	South	70.0	16.0	1088	30.7	C
	North	61.0	9.5	1786	6.5	F
Eleventh Avenue and West 30th Street	East	34.0	14.0	1239	13.4	E
	South	70.0	12.0	407	55.5	B
	West	34.0	15.0	1204	28.0	C
	West	34.0	15.5	849	31.4	C
Eleventh Avenue and West 29th Street	East	35.0	14.5	892	37.2	C
Eleventh Avenue and West 28th Street	West	33.5	14.0	748	49.2	B
	East	36.0	12.0	566	56.5	B
Eleventh Avenue and West 27th Street	West	34.0	13.0	757	52.2	B
	East	36.0	13.0	591	52.4	B
Eleventh Avenue and West 26th Street	West	34.0	14.0	648	56.9	B
	East	34.0	15.0	392	81.7	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	369	24.6	C
	West	48.0	18.0	304	182.1	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1523	27.0	C
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	4746	1.5	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1476	24.7	C
Tenth Avenue and West 33rd Street	South	62.0	15.0	3035	8.3	E
Tenth Avenue and West 31st Street	East	34.0	17.0	2413	16.1	D
	South	60.0	14.0	1326	17.9	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1052	25.6	C
Tenth Avenue and West 30th Street	North	55.0	14.0	778	20.2	D
Tenth Avenue and West 29th Street	West	34.0	12.5	731	35.1	C
Tenth Avenue and West 28th Street	East	30.0	12.0	494	51.8	B
	West	30.0	12.5	828	35.3	C
	North	51.0	8.0	1153	6.8	F
Dyer Avenue and West 31st Street	South	52.0	8.0	1293	5.8	F
	South	52.0	22.0	1774	18.3	D
Ninth Avenue and West 34th Street	South	39.0	22.0	3733	6.2	F
Ninth Avenue and West 33rd Street	North	39.0	16.0	1444	13.7	E
	South	42.0	14.0	1300	11.0	E

Table TA-P66

2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Weekday Midday Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	1829	12.7	E
	North	70.0	17.0	663	53.4	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2636	18.0	D
	South	70.0	14.0	2097	4.0	F
	West	34.0	15.0	2346	14.7	E
	North	70.0	16.0	519	83.2	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	469	92.3	A
	North	70.0	16.0	464	81.9	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	502	75.5	A
	North	61.0	9.5	1596	10.8	E
Eleventh Avenue and West 30th Street	East	34.0	14.0	1571	10.9	E
	South	70.0	12.0	729	31.7	C
	West	34.0	15.0	2876	9.2	E
	West	34.0	15.5	1752	15.3	D
Eleventh Avenue and West 29th Street	East	35.0	14.5	1412	24.4	C
Eleventh Avenue and West 28th Street	West	33.5	14.0	1408	26.9	C
	East	36.0	12.0	1156	26.9	C
Eleventh Avenue and West 27th Street	West	34.0	13.0	477	82.3	A
	East	36.0	13.0	825	34.8	C
Eleventh Avenue and West 26th Street	West	34.0	14.0	535	54.1	B
	East	34.0	15.0	717	53.2	B
Eleventh Avenue and West 24th Street	East	34.0	14.0	798	11.6	E
	West	48.0	18.0	745	69.1	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1194	37.7	C
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1766	5.8	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1831	19.4	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	2361	11.9	E
Tenth Avenue and West 31st Street	East	34.0	17.0	2489	14.5	E
	South	60.0	14.0	1061	23.4	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1614	14.0	E
Tenth Avenue and West 30th Street	North	55.0	14.0	828	14.5	E
Tenth Avenue and West 29th Street	West	34.0	12.5	1899	13.3	E
Tenth Avenue and West 28th Street	East	30.0	12.0	1699	15.4	D
	West	30.0	12.5	2261	12.4	E
	North	51.0	8.0	827	9.8	E
Dyer Avenue and West 31st Street	South	52.0	8.0	886	10.5	E
	South	52.0	22.0	1819	18.0	D
Ninth Avenue and West 34th Street	South	39.0	22.0	1588	22.4	D
Ninth Avenue and West 33rd Street	North	39.0	16.0	923	24.1	C
	South	42.0	14.0	1038	16.5	D

Table TA-P67

2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Weekday PM Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	712	48.0	B
	North	70.0	17.0	2052	18.1	D
Eleventh Avenue and West 33rd Street	East	33.0	16.0	3198	12.6	E
	South	70.0	14.0	5321	1.2	F
	West	34.0	15.0	3832	5.9	F
	North	70.0	16.0	624	68.1	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	518	82.5	A
	North	70.0	16.0	916	37.3	C
Eleventh Avenue and West 31st Street	South	70.0	16.0	1136	29.5	C
	North	61.0	9.5	1925	8.0	E
Eleventh Avenue and West 30th Street	East	34.0	14.0	1696	5.1	F
	South	70.0	12.0	868	27.7	C
	West	34.0	15.0	2625	12.4	E
	West	34.0	15.5	1544	17.2	D
Eleventh Avenue and West 29th Street	East	35.0	14.5	1302	26.6	C
Eleventh Avenue and West 28th Street	West	33.5	14.0	1281	30.5	C
	East	36.0	12.0	807	43.7	B
Eleventh Avenue and West 27th Street	West	34.0	13.0	1078	27.6	C
	East	36.0	13.0	709	47.8	B
Eleventh Avenue and West 26th Street	West	34.0	14.0	1072	28.6	C
	East	34.0	15.0	464	79.3	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	453	20.9	D
	West	48.0	18.0	529	90.7	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1858	21.7	D
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	5824	1.0	F
Tenth Avenue and West 34th Street	South	70.0	20.0	2000	21.5	D
Tenth Avenue and West 33rd Street	South	62.0	15.0	3708	7.1	F
Tenth Avenue and West 31st Street	East	34.0	17.0	2279	18.4	D
	South	60.0	14.0	1519	16.3	D
Tenth Avenue and Dyer Avenue	East	36.0	14.0	1104	20.6	D
Tenth Avenue and West 30th Street	North	55.0	14.0	906	17.2	D
Tenth Avenue and West 29th Street	West	34.0	12.5	971	30.3	C
Tenth Avenue and West 28th Street	East	30.0	12.0	659	42.6	B
	West	30.0	12.5	881	37.8	C
	North	51.0	8.0	1280	5.0	F
Dyer Avenue and West 31st Street	South	52.0	8.0	1377	5.9	F
	South	52.0	22.0	2079	15.7	D
Ninth Avenue and West 34th Street	South	39.0	22.0	4179	5.7	F
Ninth Avenue and West 33rd Street	North	39.0	16.0	1575	12.8	E
	South	42.0	14.0	1354	11.7	E

Table TA-P68

**2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Weekday Evening Peak Hour**

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	368	72.2	A
	North	70.0	17.0	801	42.3	B
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1342	43.1	B
	South	70.0	14.0	2099	3.4	F
	West	34.0	15.0	1548	26.7	C
	North	70.0	16.0	247	177.5	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	190	231.4	A
	North	70.0	16.0	392	90.5	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	489	71.9	A
	North	61.0	9.5	760	20.7	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	862	19.7	D
	South	70.0	12.0	374	61.9	A
	West	34.0	15.0	1204	21.0	D
	West	34.0	15.5	778	36.0	C
Eleventh Avenue and West 29th Street	East	35.0	14.5	634	46.1	B
Eleventh Avenue and West 28th Street	West	33.5	14.0	671	49.5	B
	East	36.0	12.0	453	72.9	A
Eleventh Avenue and West 27th Street	West	34.0	13.0	593	51.2	B
	East	36.0	13.0	391	92.3	A
Eleventh Avenue and West 26th Street	West	34.0	14.0	606	73.1	A
	East	34.0	15.0	226	154.1	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	244	42.2	B
	West	48.0	18.0	289	195.6	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	810	47.2	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2593	2.9	F
Tenth Avenue and West 34th Street	South	70.0	20.0	871	44.9	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1569	17.4	D
Tenth Avenue and West 31st Street	East	34.0	17.0	1038	39.3	C
	South	60.0	14.0	570	42.3	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	601	36.9	C
Tenth Avenue and West 30th Street	North	55.0	14.0	378	39.6	C
Tenth Avenue and West 29th Street	West	34.0	12.5	599	49.4	B
Tenth Avenue and West 28th Street	East	30.0	12.0	409	63.7	A
	West	30.0	12.5	513	65.4	A
	North	51.0	8.0	519	14.4	E
Dyer Avenue and West 31st Street	South	52.0	8.0	516	15.4	D
	South	52.0	22.0	823	43.7	B
Ninth Avenue and West 34th Street	South	39.0	22.0	1606	15.4	D
Ninth Avenue and West 33rd Street	North	39.0	16.0	638	31.7	C
	South	42.0	14.0	601	25.6	C

Table TA-P69

2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Saturday Midday/Afternoon Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	904	37.4	C
	North	70.0	17.0	548	76.9	A
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1466	37.1	C
	South	70.0	14.0	1348	5.7	F
	West	34.0	15.0	1486	31.3	C
	North	70.0	16.0	265	165.4	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	185	238.2	A
	North	70.0	16.0	345	111.0	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	373	102.4	A
	North	61.0	9.5	1050	20.6	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	1264	11.7	E
	South	70.0	12.0	550	50.5	B
	West	34.0	15.0	1906	14.3	E
	West	34.0	15.5	1243	21.3	D
Eleventh Avenue and West 29th Street	East	35.0	14.5	937	33.1	C
Eleventh Avenue and West 28th Street	West	33.5	14.0	1037	36.9	C
	East	36.0	12.0	815	38.9	C
Eleventh Avenue and West 27th Street	West	34.0	13.0	942	33.0	C
	East	36.0	13.0	723	35.6	C
Eleventh Avenue and West 26th Street	West	34.0	14.0	914	35.4	C
	East	34.0	15.0	561	71.2	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	627	14.3	E
	West	48.0	18.0	529	96.2	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	893	49.4	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2075	4.2	F
Tenth Avenue and West 34th Street	South	70.0	20.0	1069	33.4	C
Tenth Avenue and West 33rd Street	South	62.0	15.0	1589	19.9	D
Tenth Avenue and West 31st Street	East	34.0	17.0	1183	36.0	C
	South	60.0	14.0	665	42.7	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	883	25.8	C
Tenth Avenue and West 30th Street	North	55.0	14.0	454	38.7	C
Tenth Avenue and West 29th Street	West	34.0	12.5	1210	19.9	D
Tenth Avenue and West 28th Street	East	30.0	12.0	887	30.2	C
	West	30.0	12.5	1175	20.8	D
	North	51.0	8.0	458	14.7	E
Dyer Avenue and West 31st Street	South	52.0	8.0	524	19.0	D
	South	52.0	22.0	1018	36.8	C
Ninth Avenue and West 34th Street	South	39.0	22.0	1420	23.9	D
Ninth Avenue and West 33rd Street	North	39.0	16.0	655	38.8	C
	South	42.0	14.0	639	27.4	C

Table TA-P70

2031 With Action Condition Crosswalks Level of Service Analysis
Alternative Scenario
Saturday Evening Peak Hour

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Eleventh Avenue and West 34th Street	East	53.0	15.5	461	75.0	A
	North	70.0	17.0	855	36.8	C
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1335	34.5	C
	South	70.0	14.0	2948	1.8	F
	West	34.0	15.0	2130	17.4	D
	North	70.0	16.0	115	384.8	A
Eleventh Avenue and West 32nd Street	South	70.0	16.0	65	683.0	A
	North	70.0	16.0	349	109.5	A
Eleventh Avenue and West 31st Street	South	70.0	16.0	375	101.8	A
	North	61.0	9.5	635	22.4	D
Eleventh Avenue and West 30th Street	East	34.0	14.0	980	15.2	D
	South	70.0	12.0	707	33.0	C
	West	34.0	15.0	1846	11.7	E
	West	34.0	15.5	1055	27.2	C
Eleventh Avenue and West 29th Street	East	35.0	14.5	715	46.7	B
Eleventh Avenue and West 28th Street	West	33.5	14.0	836	39.7	C
	East	36.0	12.0	454	63.7	A
Eleventh Avenue and West 27th Street	West	34.0	13.0	653	47.7	B
	East	36.0	13.0	361	74.7	A
Eleventh Avenue and West 26th Street	West	34.0	14.0	666	40.7	B
	East	34.0	15.0	230	140.8	A
Eleventh Avenue and West 24th Street	East	34.0	14.0	246	38.1	C
	West	48.0	18.0	234	234.2	A
Hudson Boulevard East and West 34th Street	South	24.0	18.0	840	56.3	B
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2246	3.6	F
Tenth Avenue and West 34th Street	South	70.0	20.0	888	47.8	B
Tenth Avenue and West 33rd Street	South	62.0	15.0	1564	15.9	D
Tenth Avenue and West 31st Street	East	34.0	17.0	635	70.3	A
	South	60.0	14.0	585	40.3	B
Tenth Avenue and Dyer Avenue	East	36.0	14.0	433	61.9	A
Tenth Avenue and West 30th Street	North	55.0	14.0	401	44.3	B
Tenth Avenue and West 29th Street	West	34.0	12.5	852	35.2	C
Tenth Avenue and West 28th Street	East	30.0	12.0	473	58.7	B
	West	30.0	12.5	771	39.6	C
	North	51.0	8.0	411	15.5	D
Dyer Avenue and West 31st Street	South	52.0	8.0	468	20.8	D
	South	52.0	22.0	836	38.8	C
Ninth Avenue and West 34th Street	South	39.0	22.0	1150	31.4	C
Ninth Avenue and West 33rd Street	North	39.0	16.0	456	47.8	B
	South	42.0	14.0	645	27.3	C

Table TA-P71

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Weekday AM Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A	7.0	611	0.86	142.0	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	284	0.86	677.8	A	10.0	1696	0.86	72.6	C	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1638	0.86	117.1	B	10.0	1738	0.86	70.8	C	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	618	0.65	182.3	B	12.0	546	0.65	206.4	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	385	0.69	154.3	B	6.0	445	0.69	133.4	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	624	0.83	192.1	B	10.0	561	0.83	213.7	B	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	710	0.75	75.5	C	3.5	682	0.75	54.6	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	3069	0.74	22.6	E	7.0	3769	0.74	17.6	E	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1833	0.79	55.3	C	9.0	3817	0.79	25.3	D	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3897	0.75	8.9	F	4.5	4437	0.75	6.9	F	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	4063	0.52	21.2	E	22.5	4489	0.52	36.5	D	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2608	0.75	20.8	E	3.5	1307	0.75	27.4	D	
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	846	0.65	88.0	C	8.0	818	0.65	91.0	B	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2550	0.52	40.2	C	13.5	2255	0.52	44.0	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1975	0.52	42.7	C	16.5	3745	0.52	31.7	D	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1430	0.86	77.8	C	9.0	1457	0.86	76.3	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	703	0.86	78.9	C	4.5	1454	0.86	37.3	D	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	533	0.85	90.9	B	4.0	473	0.85	102.6	B	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1911	0.52	44.1	C	16.5	2426	0.52	50.0	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1515	0.86	85.6	C	10.0	1916	0.86	64.1	C	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1113	0.80	56.5	C	5.5	1088	0.80	57.8	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1291	0.77	59.6	C	7.0	1243	0.77	62.0	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	961	0.78	45.6	C	4.0	936	0.78	46.8	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	724	0.85	101.1	B	6.0	739	0.85	99.0	B	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	800	0.78	91.3	B	6.5	808	0.78	90.4	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	727	0.81	136.6	B	8.5	778	0.81	127.6	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1579	0.69	46.1	C	7.5	1594	0.69	45.6	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	633	0.80	108.9	B	6.0	691	0.80	99.7	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	810	0.55	72.7	C	7.5	825	0.55	71.4	C	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	478	0.72	161.8	B	7.5	536	0.72	144.2	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	392	0.69	188.5	B	7.5	407	0.69	181.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	351	0.75	230.6	B	7.5	366	0.75	221.1	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	283	0.63	144.4	B	4.5	298	0.63	137.1	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	453	0.77	133.4	B	5.5	511	0.77	118.2	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1715	0.79	55.9	C	8.5	1676	0.79	57.3	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	655	0.91	300.2	B	15.0	583	0.91	337.3	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3249	0.89	8.1	F	3.0	3117	0.89	8.8	F	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2348	0.84	21.1	E	4.5	2098	0.84	24.0	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	976	0.90	59.3	C	4.5	1213	0.90	47.4	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2865	0.66	21.4	E	7.0	3305	0.66	18.0	E	X
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1090	0.83	65.0	C	6.0	1488	0.83	47.2	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	705	0.72	132.4	B	9.0	670	0.72	139.4	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	682	0.72	44.7	C	3.0	648	0.72	47.1	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	426	0.72	171.2	B	7.0	401	0.72	181.9	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	476	0.80	120.7	B	5.0	484	0.80	118.7	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	723	0.80	30.5	D	2.0	731	0.80	30.1	D	
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	712	0.77	61.4	C	4.0	687	0.77	63.6	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1119	0.83	101.3	B	9.5	1356	0.83	83.4	C	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	787	0.91	49.1	C	3.0	1185	0.91	31.8	D	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1843	0.83	37.7	D	6.0	1804	0.83	38.6	D	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2630	0.88	24.8	D	5.5	2496	0.88	26.4	D	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1221	0.85	59.6	C	6.0	1493	0.85	48.4	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	670	0.88	55.9	C	3.0	1103	0.88	33.1	D	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P72

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Weekday Midday Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	7.0	505	0.73	144.9	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	10.0	522	0.73	200.4	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	224	0.73	724.6	A	10.0	485	0.73	215.7	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	812	0.65	139.0	B	12.0	953	0.65	118.3	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	220	0.75	294.4	B	6.0	334	0.75	193.8	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1952	0.73	52.9	C	10.0	2293	0.73	44.8	C	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	586	0.57	69.9	C	3.5	813	0.57	34.3	D	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1194	0.60	49.4	C	7.0	1217	0.60	48.4	C	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1549	0.71	58.7	C	9.0	2679	0.71	33.1	D	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1950	0.57	16.7	E	4.5	2178	0.57	14.4	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	2214	0.65	52.1	C	22.5	3225	0.65	64.8	C	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2914	0.57	12.7	E	3.5	1342	0.57	19.5	E	
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1739	0.75	48.8	C	8.0	1809	0.75	46.8	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2036	0.65	63.8	C	13.5	3307	0.65	37.1	D	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	3168	0.65	32.7	D	16.5	3134	0.65	48.5	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1954	0.83	54.0	C	9.0	1872	0.83	56.4	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	810	0.73	57.4	C	4.5	1118	0.73	41.1	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	762	0.76	56.8	C	4.0	838	0.76	51.5	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	3179	0.65	32.6	D	16.5	4241	0.65	35.3	D	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	311	0.73	353.5	B	10.0	711	0.73	147.0	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1391	0.74	41.3	C	5.5	1595	0.74	35.8	D	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2284	0.76	32.1	D	7.0	2639	0.76	27.4	D	X
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1277	0.81	35.5	D	4.0	1481	0.81	30.2	D	X
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1037	0.78	64.6	C	6.0	1247	0.78	53.4	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	1169	0.70	55.2	C	6.5	1432	0.70	44.7	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	780	0.71	111.5	B	8.5	1055	0.71	82.2	C	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1919	0.75	41.1	C	7.5	2271	0.75	34.4	D	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	520	0.83	137.5	B	6.0	885	0.83	80.4	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	684	0.66	103.8	B	7.5	1036	0.66	68.2	C	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	262	0.74	306.6	B	7.5	627	0.74	127.8	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	371	0.75	216.7	B	7.5	723	0.75	110.9	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	458	0.66	154.8	B	7.5	810	0.66	87.2	C	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	398	0.69	111.2	B	4.5	750	0.69	58.4	C	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	266	0.61	182.0	B	5.5	631	0.61	76.2	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1614	0.81	60.6	C	8.5	1818	0.81	53.7	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	768	0.75	210.7	B	15.0	909	0.75	178.0	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1776	0.82	17.6	E	3.0	1841	0.82	16.8	E	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1646	0.92	35.1	D	4.5	1772	0.92	32.4	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	1015	0.75	47.1	C	4.5	1082	0.75	44.0	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	3272	0.83	23.8	D	7.0	3336	0.83	23.3	D	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	890	0.80	77.5	C	6.0	967	0.80	71.3	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	1496	0.86	73.7	C	9.0	1572	0.86	70.1	C	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1426	0.78	21.9	E	3.0	1502	0.78	20.6	E	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	1449	0.84	57.6	C	7.0	1653	0.84	50.3	C	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	1418	0.81	39.9	D	5.0	1683	0.81	33.3	D	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	1693	0.84	11.2	E	2.0	1958	0.84	8.8	F	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1750	0.78	23.9	D	4.0	1954	0.78	21.0	E	X
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	834	0.85	139.2	B	9.5	901	0.85	128.8	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	844	0.75	37.2	D	3.0	921	0.75	33.9	D	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1660	0.92	46.7	C	6.0	1864	0.92	41.4	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	875	0.83	74.4	C	5.5	986	0.83	65.9	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	979	0.88	77.4	C	6.0	1109	0.88	68.2	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	802	0.82	43.4	C	3.0	942	0.82	36.6	D	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P73

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Weekday PM Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B	7.0	778	0.86	111.0	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	382	0.86	502.3	B	10.0	1886	0.86	65.0	C	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	1736	0.86	110.1	B	10.0	1930	0.86	63.4	C	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	848	0.84	170.8	B	12.0	1015	0.84	142.6	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	663	0.70	90.1	B	6.0	1058	0.70	56.0	C	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	794	0.71	128.5	B	10.0	986	0.71	103.3	B	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	782	0.63	56.8	C	3.5	5033	0.63	-0.9	F	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	2867	0.74	24.1	D	7.0	4351	0.74	14.4	E	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1764	0.68	49.0	C	9.0	3424	0.68	23.9	D	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	3665	0.63	7.0	F	4.5	5582	0.63	1.1	F	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	3984	0.72	31.0	D	22.5	4201	0.72	54.5	C	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	2739	0.63	15.6	E	3.5	5062	0.63	-1.0	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1130	0.65	66.0	C	8.0	1804	0.65	40.7	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	2773	0.72	51.3	C	13.5	2311	0.72	59.6	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2631	0.72	44.2	C	16.5	4735	0.72	34.8	D	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1809	0.80	56.7	C	9.0	2167	0.80	47.1	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	990	0.86	55.5	C	4.5	1684	0.86	31.7	D	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	753	0.81	61.4	C	4.0	982	0.81	46.7	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2604	0.72	44.6	C	16.5	3619	0.72	46.1	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	1681	0.86	76.8	C	10.0	2202	0.86	55.4	C	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1458	0.85	45.3	C	5.5	1550	0.85	42.5	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1944	0.79	39.9	D	7.0	2297	0.79	33.4	D	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1232	0.87	39.6	D	4.0	1324	0.87	36.7	D	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1093	0.79	62.0	C	6.0	1269	0.79	53.2	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	969	0.77	73.6	C	6.5	1139	0.77	62.4	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	1024	0.81	95.8	B	8.5	1283	0.81	76.2	C	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	2058	0.74	37.9	D	7.5	2067	0.74	37.7	D	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	831	0.82	84.8	C	6.0	930	0.82	75.7	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	802	0.75	100.6	B	7.5	811	0.75	99.4	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	742	0.76	110.7	B	7.5	841	0.76	97.5	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	490	0.75	165.0	B	7.5	499	0.75	162.0	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	472	0.78	179.1	B	7.5	481	0.78	175.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	378	0.61	104.8	B	4.5	387	0.61	102.3	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	676	0.75	87.4	C	5.5	775	0.75	76.1	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1916	0.81	50.9	C	8.5	2161	0.81	44.9	C	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	815	0.85	225.4	B	15.0	982	0.85	187.0	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	3290	0.88	7.7	F	3.0	3363	0.88	7.4	F	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	2453	0.90	22.0	E	4.5	3055	0.90	16.8	E	X
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	987	0.72	46.5	C	4.5	1302	0.72	34.7	D	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	2459	0.72	27.9	D	7.0	2832	0.72	23.8	D	X
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	1078	0.82	65.1	C	6.0	1525	0.82	45.5	C	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	775	0.73	122.1	B	9.0	859	0.73	110.1	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	888	0.93	44.2	C	3.0	973	0.93	40.1	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	533	0.71	134.3	B	7.0	625	0.71	114.5	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	485	0.83	122.2	B	5.0	656	0.83	90.1	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	657	0.84	35.7	D	2.0	828	0.84	27.7	D	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	890	0.87	55.6	C	4.0	982	0.87	50.2	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	1075	0.76	96.8	B	9.5	1390	0.76	74.6	C	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	947	0.85	37.7	D	3.0	1394	0.85	24.7	D	X
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1908	0.86	37.6	D	6.0	2153	0.86	33.0	D	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	2278	0.69	21.9	E	5.5	2342	0.69	21.2	E	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	1134	0.77	57.9	C	6.0	1532	0.77	42.4	C	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	642	0.68	45.1	C	3.0	1172	0.68	23.5	D	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P74

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Weekday Evening Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	7.0	445	0.88	199.3	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	10.0	419	0.88	302.6	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	178	0.88	1104.6	A	10.0	419	0.88	302.6	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	419	0.76	312.8	B	12.0	405	0.76	323.6	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	202	0.63	269.1	B	6.0	388	0.63	139.9	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	476	0.72	216.8	B	10.0	457	0.72	225.9	B	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	582	0.65	79.3	C	3.5	2040	0.65	13.1	E	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1376	0.67	47.9	C	7.0	1729	0.67	37.7	D	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	970	0.75	99.8	B	9.0	1491	0.75	64.5	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1710	0.65	22.6	E	4.5	2182	0.65	16.8	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1866	0.58	54.7	C	22.5	1723	0.58	107.7	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1487	0.65	33.1	D	3.5	1978	0.65	13.7	E	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	632	0.64	115.6	B	8.0	711	0.64	102.7	B	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1464	0.58	78.6	C	13.5	1039	0.58	107.2	B	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1413	0.58	66.7	C	16.5	1700	0.58	79.8	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1058	0.78	94.7	B	9.0	1168	0.78	85.7	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	575	0.88	98.8	B	4.5	693	0.88	81.8	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	688	0.86	71.2	C	4.0	682	0.86	71.8	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1383	0.58	68.2	C	16.5	1297	0.58	104.9	B	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	262	0.88	508.3	B	10.0	590	0.88	214.8	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	795	0.85	84.1	C	5.5	793	0.85	84.4	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1275	0.68	53.2	C	7.0	1286	0.68	52.7	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	692	0.82	67.5	C	4.0	690	0.82	67.7	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	674	0.57	72.0	C	6.0	692	0.57	70.1	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	513	0.61	111.3	B	6.5	568	0.61	100.4	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	621	0.61	119.6	B	8.5	701	0.61	105.8	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1180	0.68	61.4	C	7.5	1181	0.68	61.3	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	545	0.64	100.3	B	6.0	572	0.64	95.5	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	386	0.69	193.2	B	7.5	387	0.69	192.7	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	396	0.73	199.1	B	7.5	423	0.73	186.3	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	221	0.58	284.9	B	7.5	222	0.58	283.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	250	0.58	250.8	B	7.5	251	0.58	249.8	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	219	0.78	229.5	B	4.5	220	0.78	228.5	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	386	0.74	151.3	B	5.5	413	0.74	141.3	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	870	0.83	115.9	B	8.5	917	0.83	109.9	B	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	467	0.67	310.3	B	15.0	453	0.67	319.9	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1397	0.80	23.0	E	3.0	1388	0.80	23.1	D	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1262	0.80	39.7	D	4.5	1416	0.80	35.1	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	471	0.76	104.7	B	4.5	546	0.76	90.2	B	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1146	0.80	70.1	C	7.0	1266	0.80	63.3	C	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	418	0.70	145.1	B	6.0	542	0.70	111.7	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	561	0.74	170.7	B	9.0	557	0.74	171.9	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	607	0.87	61.2	C	3.0	603	0.87	61.7	C	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	402	0.76	189.8	B	7.0	400	0.76	190.7	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	354	0.78	158.8	B	5.0	409	0.78	137.4	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.83	40.4	C	2.0	631	0.83	36.7	D	
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	621	0.84	77.8	C	4.0	619	0.84	78.0	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	517	0.73	192.6	B	9.5	592	0.73	168.2	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	484	0.67	59.2	C	3.0	608	0.67	46.8	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	982	0.80	70.2	C	6.0	1029	0.80	66.9	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	900	0.75	65.3	C	5.5	914	0.75	64.3	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	548	0.89	139.3	B	6.0	681	0.89	111.9	B	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	317	0.75	101.8	B	3.0	499	0.75	64.2	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P75

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Saturday Midday/Afternoon Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	7.0	744	0.66	89.2	C	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	10.0	711	0.66	133.7	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	376	0.66	392.9	B	10.0	711	0.66	133.7	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	864	0.83	166.6	B	12.0	757	0.83	190.2	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	270	0.80	256.9	B	6.0	355	0.80	195.3	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	1054	0.65	88.7	C	10.0	976	0.65	95.8	B	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	840	0.73	61.9	C	3.5	1252	0.73	27.9	D	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	1254	0.63	50.1	C	7.0	1010	0.63	62.6	C	
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	1297	0.65	64.3	C	9.0	1456	0.65	57.1	C	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	1601	0.73	28.1	D	4.5	1389	0.73	32.8	D	
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1870	0.59	55.7	C	22.5	1703	0.59	111.2	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1996	0.73	27.4	D	3.5	1175	0.73	29.9	D	
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	1202	0.82	77.6	C	8.0	919	0.82	101.9	B	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1937	0.59	60.3	C	13.5	1724	0.59	65.5	C	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	2648	0.59	35.5	D	16.5	1664	0.59	83.2	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1637	0.72	56.4	C	9.0	1641	0.72	56.3	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	1040	0.66	40.2	C	4.5	826	0.66	51.1	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	1050	0.74	39.4	D	4.0	895	0.74	46.6	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	2630	0.59	35.7	D	16.5	1971	0.59	70.1	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	508	0.66	196.8	B	10.0	964	0.66	98.4	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	1192	0.75	48.7	C	5.5	1177	0.75	49.4	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	2072	0.75	35.4	D	7.0	1950	0.75	37.8	D	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	1000	0.73	41.3	C	4.0	985	0.73	41.9	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	1052	0.73	59.3	C	6.0	1031	0.73	60.5	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	742	0.58	72.0	C	6.5	820	0.58	65.0	C	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	999	0.80	97.1	B	8.5	1073	0.80	90.3	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	1719	0.74	45.5	C	7.5	1808	0.74	43.1	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	708	0.72	87.8	C	6.0	795	0.72	78.1	C	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	584	0.77	142.8	B	7.5	673	0.77	123.8	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	627	0.69	118.2	B	7.5	714	0.69	103.7	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	511	0.85	178.7	B	7.5	600	0.85	152.1	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	515	0.73	153.4	B	7.5	604	0.73	130.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	403	0.69	110.1	B	4.5	492	0.69	90.1	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	606	0.78	101.3	B	5.5	693	0.78	88.5	C	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	1107	0.83	90.8	B	8.5	1096	0.83	91.8	B	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	775	0.63	173.9	B	15.0	668	0.63	201.9	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1385	0.88	25.8	D	3.0	1338	0.88	26.8	D	
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	1324	0.80	38.1	D	4.5	1296	0.80	39.0	D	
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	611	0.83	87.2	C	4.5	554	0.83	96.2	B	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	1450	0.82	56.0	C	7.0	1403	0.82	57.9	C	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	600	0.79	113.7	B	6.0	545	0.79	125.2	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	890	0.79	114.6	B	9.0	839	0.79	121.7	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	1207	0.60	19.4	E	3.0	1157	0.60	20.4	E	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	828	0.84	102.4	B	7.0	813	0.84	104.3	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	741	0.81	78.0	C	5.0	821	0.81	70.3	C	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	999	0.65	16.2	E	2.0	1079	0.65	14.6	E	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	1296	0.58	24.0	D	4.0	1281	0.58	24.3	D	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	842	0.87	140.9	B	9.5	785	0.87	151.2	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	744	0.73	41.3	C	3.0	689	0.73	44.7	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	1089	0.73	57.2	C	6.0	1078	0.73	57.8	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	578	0.82	112.6	B	5.5	625	0.82	104.1	B	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	744	0.83	96.2	B	6.0	786	0.83	91.0	B	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	468	0.72	65.9	C	3.0	512	0.72	60.2	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P76

2031 No Action and With Action Conditions Sidewalks Level of Service Analysis
Alternative Scenario
Saturday Evening Peak Hour

Location	Sidewalk	2031 No Action Condition					2031 With Action Condition – Alternative Scenario					Impact Determination
		Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
West 30th Street between With Action Site A and Site B Building Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	7.0	683	0.67	98.5	B	
West 30th Street between With Action Site B School and Daycare Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	10.0	660	0.67	145.9	B	
West 30th Street between With Action Site B Daycare and Retail/Office Entrances, between Twelfth Avenue and Eleventh Avenue	North	15.5	408	0.67	366.5	B	10.0	660	0.67	145.9	B	
West 34th Street between Eleventh Avenue and Hudson Boulevard East	South	12.0	400	0.80	345.5	B	12.0	611	0.80	226.1	B	
West 34th Street between Twelfth Avenue and Eleventh Avenue	South	6.0	216	0.80	319.9	B	6.0	470	0.80	146.8	B	
Eleventh Avenue between West 34th Street and West 33rd Street	East	10.0	418	0.63	216.7	B	10.0	610	0.63	148.3	B	
West 33rd Street between With Action Site C2 and With Action Site C1	South	5.0	544	0.58	76.6	C	3.5	4887	0.58	-1.5	F	X
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	North	7.0	836	0.48	57.6	C	7.0	1565	0.48	29.8	D	X
Eleventh Avenue between West 33rd Street and West 32nd Street	East	9.0	726	0.58	102.8	B	9.0	707	0.58	105.6	B	
West 33rd Street between Eleventh Avenue and Hudson Boulevard East	South	4.5	987	0.58	37.1	D	4.5	2325	0.58	13.5	E	X
Eleventh Avenue between West 33rd Street and With Action Site Entrance	West	12.5	1197	0.65	96.8	B	22.5	858	0.65	244.2	B	
West 33rd Street between With Action Site Entrance and Eleventh Avenue	South	5.5	1002	0.58	45.1	C	3.5	4310	0.58	0.2	F	X
Eleventh Avenue between West 34th Street and West 33rd Street	West	8.0	554	0.70	144.3	B	8.0	1248	0.70	63.5	C	
Eleventh Avenue between Site Entrance and West 32nd Street	West	14.0	1181	0.65	110.0	B	13.5	748	0.65	167.9	B	
Eleventh Avenue between West 31st Street and With Action Site B Entrance	West	11.5	1387	0.65	76.7	C	16.5	1838	0.65	83.1	C	
Eleventh Avenue between West 31st Street and West 30th Street	East	9.0	1201	0.73	77.7	C	9.0	1534	0.73	60.6	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	North	4.5	764	0.67	56.1	C	4.5	809	0.67	52.8	C	
West 30th Street between Eleventh Avenue and Tenth Avenue	South	4.0	803	0.82	57.9	C	4.0	1087	0.82	42.3	C	
Eleventh Avenue between With Action Site B Entrance and West 30th Street	West	11.5	1363	0.65	78.0	C	16.5	1775	0.65	86.1	C	
West 30th Street between With Action Site B Retail/Office Entrance and Eleventh Avenue, between Twelfth Avenue and Eleventh Avenue	North	10.5	482	0.67	210.0	B	10.0	794	0.67	121.2	B	
Eleventh Avenue between West 30th Street and West 29th Street	East	5.5	803	0.83	81.5	C	5.5	913	0.83	71.6	C	
Eleventh Avenue between West 30th Street and West 29th Street	West	7.0	1321	0.70	52.7	C	7.0	1690	0.70	40.8	C	
Eleventh Avenue between West 29th Street and West 28th Street	East	4.0	651	0.78	68.3	C	4.0	761	0.78	58.3	C	
Eleventh Avenue between West 29th Street and West 28th Street	West	6.0	682	0.68	85.7	C	6.0	836	0.68	69.7	C	
Eleventh Avenue between West 28th Street and West 27th Street	East	6.5	467	0.74	148.9	B	6.5	630	0.74	110.2	B	
Eleventh Avenue between West 28th Street and West 27th Street	West	8.5	670	0.71	129.2	B	8.5	883	0.71	97.9	B	
Eleventh Avenue between West 27th Street and West 26th Street	East	7.5	977	0.58	63.6	C	7.5	973	0.58	63.8	C	
Eleventh Avenue between West 27th Street and West 26th Street	West	6.0	503	0.76	129.8	B	6.0	551	0.76	118.4	B	
Eleventh Avenue between West 26th Street and West 25th Street	East	7.5	303	0.58	204.7	B	7.5	299	0.58	207.5	B	
Eleventh Avenue between West 26th Street and West 25th Street	West	7.5	403	0.71	189.6	B	7.5	451	0.71	169.4	B	
Eleventh Avenue between West 25th Street and West 24th Street	East	7.5	224	0.67	322.7	B	7.5	220	0.67	328.6	B	
Eleventh Avenue between West 24th Street and West 23rd Street	East	7.5	234	0.69	316.2	B	7.5	230	0.69	321.7	B	
Eleventh Avenue between West 24th Street and West 23rd Street	West	4.5	209	0.71	219.4	B	4.5	205	0.71	223.7	B	
Eleventh Avenue between West 25th Street and West 24th Street	West	5.5	379	0.78	161.7	B	5.5	427	0.78	143.4	B	
West 34th Street between Tenth Avenue and Dyer Avenue	South	8.5	585	0.72	150.4	B	8.5	856	0.72	102.6	B	
West 34th Street between Hudson Boulevard East and Tenth Avenue	South	15.0	386	0.76	427.7	B	15.0	597	0.76	276.4	B	
West 33rd Street between Tenth Avenue and Ninth Avenue	South	3.0	1024	0.80	32.6	D	3.0	1170	0.80	28.1	D	X
West 33rd Street between Hudson Boulevard East and Tenth Avenue	South	4.5	875	0.83	60.5	C	4.5	1672	0.83	30.7	D	X
West 31st Street between Tenth Avenue and Dyer Avenue	North	4.5	432	0.84	96.0	B	4.5	550	0.84	75.1	C	
Tenth Avenue between West 31st Street and Dyer Avenue	East	7.0	624	0.83	134.0	B	7.0	620	0.83	134.9	B	
West 31st Street between Tenth Avenue and Dyer Avenue	South	6.0	370	0.71	165.0	B	6.0	494	0.71	123.4	B	
Tenth Avenue between West 30th Street and West 29th Street	East	9.0	432	0.87	259.8	B	9.0	541	0.87	207.4	B	
Tenth Avenue between West 30th Street and West 29th Street	West	3.0	763	0.76	41.7	C	3.0	872	0.76	36.2	D	
Tenth Avenue between West 29th Street and West 28th Street	East	7.0	385	0.75	195.2	B	7.0	495	0.75	151.7	B	
Tenth Avenue between West 28th Street and West 27th Street	East	5.0	351	0.77	156.6	B	5.0	514	0.77	106.7	B	
Tenth Avenue between West 28th Street and West 27th Street	West	2.0	576	0.76	36.7	D	2.0	739	0.76	28.0	D	X
Tenth Avenue between West 29th Street and West 28th Street	West	4.0	841	0.87	59.0	C	4.0	951	0.87	52.0	C	
West 31st Street between Dyer Avenue and Ninth Avenue	North	9.5	389	0.77	270.2	B	9.5	507	0.77	207.2	B	
West 31st Street between Dyer Avenue and Ninth Avenue	South	3.0	474	0.77	69.4	C	3.0	598	0.77	54.7	C	
West 34th Street between Dyer Avenue and Ninth Avenue	South	6.0	662	0.82	107.1	B	6.0	933	0.82	75.7	C	
West 33rd Street between Ninth Avenue and Eighth Avenue	South	5.5	484	0.74	119.9	B	5.5	648	0.74	89.4	C	
West 31st Street between Ninth Avenue and Eighth Avenue	North	6.0	354	0.85	207.7	B	6.0	526	0.85	139.6	B	
West 31st Street between Ninth Avenue and Eighth Avenue	South	3.0	258	0.77	128.5	B	3.0	436	0.77	75.7	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P77

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Weekday AM Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	307.1	A	
	Southwest	255.3	A	296.5	A	
	Southwest	310.8	A	369.1	A	
	Northwest	27.6	C	24.3	C	
Eleventh Avenue and West 33rd Street	Northeast	41.3	B	32.0	C	
	Southwest	9.5	E	30.3	C	
	Southwest	-1.1	F	2.5	F	
Eleventh Avenue and West 32nd Street	Northeast	91.7	A	42.6	B	
Eleventh Avenue and West 31st Street	Southwest	140.6	A	95.2	A	
	Northwest	33.5	C	33.6	C	
Eleventh Avenue and West 30th Street	Northeast	68.4	A	40.1	B	
	Southwest	53.6	B	60.9	A	
	Southwest	38.2	C	40.7	B	
	Northwest	123.7	A	130.8	A	
Eleventh Avenue and West 29th Street	Northeast	86.6	A	91.9	A	
	Southwest	134.0	A	140.7	A	
	Southwest	87.0	A	92.8	A	
	Northwest	96.8	A	90.4	A	
Eleventh Avenue and West 28th Street	Northeast	126.4	A	125.5	A	
	Southwest	217.3	A	202.1	A	
	Southwest	167.5	A	165.9	A	
	Northwest	154.4	A	144.6	A	
Eleventh Avenue and West 27th Street	Northeast	124.6	A	121.8	A	
	Southwest	134.7	A	125.1	A	
	Southwest	85.5	A	83.8	A	
	Northwest	81.0	A	77.2	A	
Eleventh Avenue and West 26th Street	Northeast	53.6	B	53.1	B	
	Southwest	125.8	A	116.2	A	
	Southwest	106.3	A	103.9	A	
Eleventh Avenue and West 25th Street	Northeast	126.7	A	123.0	A	
	Southwest	195.5	A	186.7	A	
	Northwest	512.1	A	447.1	A	
Eleventh Avenue and West 24th Street	Northeast	261.9	A	252.6	A	
	Southwest	363.9	A	345.4	A	
	Southwest	286.4	A	274.0	A	
Hudson Boulevard East and West 34th Street	Northeast	123.1	A	125.5	A	
Hudson Boulevard East and West 33rd Street	Southwest	59.7	B	62.5	A	
	Northeast	133.4	A	135.3	A	
	Northwest	39.3	C	39.7	C	
Tenth Avenue and West 35th Street	Northeast	57.0	B	57.0	B	
	Southwest	60.9	A	61.5	A	
	Southwest	127.0	A	127.9	A	
	Southwest	37.9	C	38.9	C	
	Southwest	66.2	A	68.2	A	
Tenth Avenue and West 34th Street	Northwest	68.5	A	69.6	A	
Tenth Avenue and West 33rd Street	Northeast	24.9	C	24.5	C	
	Southwest	32.2	C	34.2	C	
Tenth Avenue and West 31st Street	Northeast	29.5	C	25.2	C	
	Southwest	12.2	E	8.8	E	X
Tenth Avenue and Dyer Avenue	Northeast	137.0	A	82.1	A	
Tenth Avenue and West 30th Street	Southwest	115.7	A	123.1	A	
	Southwest	210.4	A	225.4	A	
	Northwest	108.4	A	116.1	A	
Tenth Avenue and West 29th Street	Northeast	178.0	A	202.6	A	
	Southwest	89.0	A	94.9	A	
	Southwest	173.3	A	195.1	A	
	Northwest	110.6	A	109.8	A	
Tenth Avenue and West 28th Street	Northeast	189.3	A	187.8	A	
	Southwest	84.6	A	83.6	A	
	Southwest	181.6	A	179.8	A	
	Northwest	43.2	B	34.3	C	
Dyer Avenue and West 31st Street	Northeast	9.7	E	1.0	F	X
	Southwest	50.2	B	34.1	C	
	Southwest	15.6	D	1.0	F	X
	Northwest	62.5	A	63.1	A	
Ninth Avenue and West 35th Street	Northeast	146.6	A	145.6	A	
	Southwest	84.3	A	84.6	A	
	Southwest	143.3	A	142.2	A	
	Northwest	92.4	A	93.4	A	
Ninth Avenue and West 34th Street	Northeast	159.1	A	156.1	A	
	Southwest	70.9	A	71.5	A	
	Southwest	247.2	A	243.9	A	
Ninth Avenue and West 33rd Street	Southwest	63.0	A	63.0	A	
	Southwest	53.3	B	43.3	B	
Ninth Avenue and West 31st Street	Southwest	42.5	B	31.6	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P78

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Weekday Midday Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northwest	134.2	A	
	Southwest	125.4	A	121.8	A	
	Southeast	135.2	A	120.1	A	
	Northwest	35.4	C	33.2	C	
Eleventh Avenue and West 33rd Street	Northwest	49.9	B	44.0	B	
	Southwest	10.8	E	34.2	C	
	Southeast	10.0	E	12.2	E	
Eleventh Avenue and West 32nd Street	Northwest	91.9	A	61.5	A	
Eleventh Avenue and West 31st Street	Southeast	122.8	A	111.7	A	
	Northwest	34.2	C	29.0	C	
Eleventh Avenue and West 30th Street	Northwest	74.8	A	52.5	B	
	Southwest	25.8	C	20.6	D	
	Southeast	28.6	C	23.8	D	
Eleventh Avenue and West 29th Street	Northwest	71.9	A	58.7	B	
	Northwest	66.9	A	55.9	B	
	Southwest	69.8	A	54.9	B	
	Southeast	67.1	A	57.5	B	
Eleventh Avenue and West 28th Street	Northwest	78.0	A	61.6	A	
	Northwest	112.2	A	91.7	A	
	Southwest	173.2	A	138.8	A	
	Southeast	153.8	A	125.1	A	
Eleventh Avenue and West 27th Street	Northwest	728.7	A	244.3	A	
	Northwest	105.7	A	72.4	A	
	Southwest	600.7	A	211.7	A	
	Southeast	77.9	A	57.7	B	
Eleventh Avenue and West 26th Street	Northwest	175.2	A	97.5	A	
	Northwest	85.7	A	61.1	A	
	Southwest	363.1	A	144.7	A	
	Southeast	149.7	A	92.7	A	
Eleventh Avenue and West 25th Street	Northwest	169.3	A	100.5	A	
	Southeast	227.2	A	125.4	A	
Eleventh Avenue and West 24th Street	Northwest	414.8	A	225.9	A	
	Northwest	203.4	A	112.9	A	
	Southwest	256.9	A	137.7	A	
	Southeast	236.5	A	134.5	A	
Hudson Boulevard East and West 34th Street	Northwest	152.1	A	138.6	A	
	Southeast	107.8	A	93.7	A	
Hudson Boulevard East and West 33rd Street	Northwest	200.9	A	184.7	A	
Tenth Avenue and West 35th Street	Northwest	23.1	D	21.3	D	
	Northwest	20.3	D	18.3	D	X
	Southwest	43.6	B	40.4	B	
	Southeast	57.0	B	52.5	B	
Tenth Avenue and West 34th Street	Southwest	36.2	C	34.7	C	
	Southeast	51.6	B	49.6	B	
Tenth Avenue and West 33rd Street	Northwest	67.5	A	65.8	A	
	Northwest	28.3	C	26.6	C	
	Southeast	43.9	B	41.2	B	
Tenth Avenue and West 31st Street	Northwest	28.5	C	27.6	C	
	Southeast	8.4	E	7.8	F	X
Tenth Avenue and Dyer Avenue	Northwest	53.7	B	51.3	B	
Tenth Avenue and West 30th Street	Southwest	71.3	A	68.0	A	
	Southeast	101.5	A	97.0	A	
Tenth Avenue and West 29th Street	Northwest	45.9	B	39.4	C	
	Northwest	61.1	A	55.0	B	
	Southwest	42.9	B	36.5	C	
	Southeast	66.5	A	59.6	B	
Tenth Avenue and West 28th Street	Northwest	59.2	B	51.6	B	
	Northwest	92.7	A	77.3	A	
	Southwest	45.6	B	39.4	C	
	Southeast	97.7	A	81.7	A	
Dyer Avenue and West 31st Street	Northwest	46.7	B	41.7	B	
	Northwest	27.5	C	23.7	D	
	Southwest	49.2	B	43.6	B	
	Southeast	35.1	C	30.5	C	
Ninth Avenue and West 35th Street	Northwest	50.8	B	44.0	B	
	Northwest	110.0	A	100.5	A	
	Southwest	58.3	B	51.0	B	
	Southeast	108.6	A	99.4	A	
Ninth Avenue and West 34th Street	Northwest	69.4	A	64.1	A	
	Northwest	125.2	A	115.7	A	
	Southwest	59.4	B	54.3	B	
	Southeast	207.9	A	192.1	A	
Ninth Avenue and West 33rd Street	Southeast	179.1	A	167.0	A	
Ninth Avenue and West 31st Street	Southwest	60.5	A	54.6	B	
	Southeast	62.2	A	56.5	B	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P79

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Weekday PM Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	317.4	A	
	Southwest	160.4	A	121.7	A	
	Southwest	239.7	A	227.7	A	
	Northwest	22.1	D	11.3	E	X
Eleventh Avenue and West 33rd Street	Northeast	39.6	C	24.9	C	
	Southwest	-1.0	F	8.0	E	
	Southwest	7.6	F	-1.9	F	X
Eleventh Avenue and West 32nd Street	Northeast	91.6	A	52.5	B	
Eleventh Avenue and West 31st Street	Southwest	112.4	A	76.0	A	
	Northwest	29.3	C	26.4	C	
Eleventh Avenue and West 30th Street	Northeast	60.7	A	47.9	B	
	Southwest	37.9	C	25.9	C	
	Southwest	25.5	C	19.5	D	
	Northwest	88.1	A	71.6	A	
Eleventh Avenue and West 29th Street	Northeast	67.5	A	60.5	A	
	Southwest	88.3	A	68.7	A	
	Southwest	54.9	B	46.2	B	
	Northwest	70.9	A	57.0	B	
Eleventh Avenue and West 28th Street	Northeast	105.2	A	93.2	A	
	Southwest	144.2	A	119.6	A	
	Southwest	119.7	A	106.1	A	
	Northwest	93.3	A	84.2	A	
Eleventh Avenue and West 27th Street	Northeast	107.2	A	105.9	A	
	Southwest	78.6	A	71.8	A	
	Southwest	68.8	A	68.4	A	
	Northwest	40.9	B	38.1	C	
Eleventh Avenue and West 26th Street	Northeast	47.1	B	46.8	B	
	Southwest	63.6	A	59.1	B	
	Southwest	77.8	A	77.3	A	
Eleventh Avenue and West 25th Street	Northeast	109.9	A	108.2	A	
	Southwest	173.3	A	170.3	A	
	Northwest	315.8	A	267.9	A	
Eleventh Avenue and West 24th Street	Northeast	197.8	A	193.0	A	
	Southwest	199.6	A	183.4	A	
	Southwest	243.8	A	239.3	A	
Hudson Boulevard East and West 34th Street	Northeast	128.4	A	124.2	A	
	Southwest	58.8	B	55.5	B	
Hudson Boulevard East and West 33rd Street	Northeast	129.2	A	122.8	A	
	Northwest	29.3	C	26.8	C	
Tenth Avenue and West 35th Street	Northeast	52.9	B	47.2	B	
	Southwest	54.0	B	50.5	B	
	Southwest	107.0	A	97.3	A	
	Southwest	40.2	B	37.2	C	
	Southwest	62.4	A	56.7	B	
	Northwest	68.2	A	62.5	A	
Tenth Avenue and West 33rd Street	Northeast	29.5	C	24.5	C	
	Southwest	36.9	C	31.8	C	
	Northeast	36.9	C	33.0	C	
Tenth Avenue and West 31st Street	Southwest	9.4	E	6.6	F	X
Tenth Avenue and Dyer Avenue	Northeast	124.0	A	88.4	A	
Tenth Avenue and West 30th Street	Southwest	106.3	A	91.4	A	
	Southwest	167.0	A	140.1	A	
	Northwest	85.6	A	72.8	A	
Tenth Avenue and West 29th Street	Northeast	113.8	A	90.1	A	
	Southwest	90.5	A	78.0	A	
	Southwest	138.7	A	112.8	A	
	Northwest	130.6	A	111.2	A	
Tenth Avenue and West 28th Street	Northeast	205.6	A	163.8	A	
	Southwest	107.9	A	90.1	A	
	Southwest	202.9	A	163.3	A	
	Northwest	21.3	D	10.5	E	X
Dyer Avenue and West 31st Street	Northeast	25.5	C	15.9	D	X
	Southwest	27.1	C	9.8	E	X
	Southwest	38.7	C	23.3	D	
	Northwest	77.4	A	68.6	A	
Ninth Avenue and West 35th Street	Northeast	126.5	A	127.6	A	
	Southwest	91.1	A	80.5	A	
	Southwest	129.1	A	128.9	A	
	Northwest	97.1	A	82.7	A	
Ninth Avenue and West 34th Street	Northeast	143.0	A	130.2	A	
	Southwest	59.6	B	53.4	B	
	Southwest	212.6	A	197.9	A	
Ninth Avenue and West 33rd Street	Southwest	76.8	A	73.3	A	
	Southwest	45.4	B	32.3	C	
Ninth Avenue and West 31st Street	Southwest	55.8	B	42.3	B	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P80

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Weekday Evening Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northeast	485.5	A	
	Southwest	282.6	A	255.7	A	
	Southeast	362.4	A	432.0	A	
	Northwest	53.0	B	44.0	B	
Eleventh Avenue and West 33rd Street	Northeast	85.3	A	73.5	A	
	Southwest	16.5	D	34.2	C	
	Southeast	23.2	D	20.2	D	
Eleventh Avenue and West 32nd Street	Northeast	186.3	A	125.4	A	
Eleventh Avenue and West 31st Street	Southeast	157.3	A	149.7	A	
	Northwest	56.7	B	66.3	A	
Eleventh Avenue and West 30th Street	Northeast	102.5	A	101.6	A	
	Southwest	51.0	B	50.8	B	
	Southeast	47.2	B	48.2	B	
	Northwest	131.9	A	127.8	A	
Eleventh Avenue and West 29th Street	Northeast	132.4	A	134.0	A	
	Southwest	137.1	A	134.2	A	
	Southeast	114.1	A	116.2	A	
	Northwest	102.8	A	89.2	A	
Eleventh Avenue and West 28th Street	Northeast	153.1	A	141.9	A	
	Southwest	208.2	A	186.2	A	
	Southeast	184.5	A	172.3	A	
	Northwest	164.2	A	156.4	A	
Eleventh Avenue and West 27th Street	Northeast	162.7	A	162.1	A	
	Southwest	132.2	A	126.9	A	
	Southeast	111.6	A	111.4	A	
	Northwest	82.0	A	80.1	A	
Eleventh Avenue and West 26th Street	Northeast	72.3	A	72.2	A	
	Southwest	128.6	A	125.1	A	
	Southeast	132.0	A	131.8	A	
	Northeast	139.4	A	139.4	A	
Eleventh Avenue and West 25th Street	Southeast	354.7	A	355.2	A	
	Northwest	625.9	A	573.2	A	
	Northeast	397.7	A	396.1	A	
	Southwest	375.4	A	350.4	A	
	Southeast	384.7	A	384.0	A	
Hudson Boulevard East and West 34th Street	Northeast	282.3	A	281.8	A	
	Southeast	119.8	A	124.0	A	
Hudson Boulevard East and West 33rd Street	Northeast	255.2	A	257.1	A	
	Northwest	58.1	B	57.0	B	
Tenth Avenue and West 35th Street	Northeast	73.7	A	72.0	A	
	Southwest	89.0	A	87.0	A	
	Southeast	137.0	A	133.6	A	
	Southwest	89.1	A	88.2	A	
	Southeast	120.5	A	121.0	A	
	Northwest	140.5	A	137.4	A	
Tenth Avenue and West 33rd Street	Northeast	69.5	A	65.8	A	
	Southeast	82.4	A	77.4	A	
	Northeast	74.4	A	71.6	A	
Tenth Avenue and West 31st Street	Southeast	31.5	C	28.6	C	
Tenth Avenue and Dyer Avenue	Northeast	165.3	A	144.2	A	
	Southwest	140.1	A	140.2	A	
	Southeast	259.2	A	261.9	A	
	Northwest	132.2	A	132.3	A	
Tenth Avenue and West 29th Street	Northeast	178.0	A	180.1	A	
	Southwest	130.9	A	131.8	A	
	Southeast	198.3	A	202.1	A	
	Northwest	181.2	A	167.9	A	
Tenth Avenue and West 28th Street	Northeast	254.3	A	225.5	A	
	Southwest	149.0	A	138.5	A	
	Southeast	261.2	A	234.6	A	
	Northwest	86.3	A	69.8	A	
Dyer Avenue and West 31st Street	Northeast	68.9	A	60.2	A	
	Southwest	88.8	A	61.0	A	
	Southeast	79.3	A	61.3	A	
	Northwest	124.3	A	118.3	A	
Ninth Avenue and West 35th Street	Northeast	177.0	A	180.2	A	
	Southwest	144.8	A	136.1	A	
	Southeast	189.7	A	192.5	A	
	Northwest	195.6	A	182.8	A	
Ninth Avenue and West 34th Street	Northeast	294.6	A	278.3	A	
	Southwest	151.2	A	143.5	A	
	Southeast	481.1	A	459.9	A	
Ninth Avenue and West 33rd Street	Southeast	166.0	A	161.2	A	
	Southwest	105.6	A	84.9	A	
Ninth Avenue and West 31st Street	Southeast	104.0	A	88.2	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P81

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Saturday Midday/Afternoon Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
Eleventh Avenue and West 34th Street	Northeast	250.0	A	268.9	A	
	Southwest	167.6	A	200.0	A	
	Southeast	206.8	A	251.1	A	
Eleventh Avenue and West 33rd Street	Northwest	47.6	B	62.0	A	
	Northeast	69.2	A	82.5	A	
	Southwest	23.3	D	66.0	A	
Eleventh Avenue and West 32nd Street	Southwest	12.2	E	21.2	D	
	Northeast	143.7	A	131.7	A	
Eleventh Avenue and West 31st Street	Southeast	105.8	A	126.9	A	
Eleventh Avenue and West 30th Street	Northwest	37.2	C	52.1	B	
	Northeast	67.0	A	74.2	A	
	Southwest	26.8	C	33.4	C	
Eleventh Avenue and West 29th Street	Southeast	29.3	C	32.8	C	
	Northwest	71.0	A	77.0	A	
	Northeast	81.1	A	86.1	A	
Eleventh Avenue and West 28th Street	Southwest	69.1	A	76.1	A	
	Southeast	73.7	A	81.9	A	
	Northwest	77.3	A	71.9	A	
Eleventh Avenue and West 27th Street	Northeast	119.4	A	110.9	A	
	Southwest	162.1	A	152.3	A	
	Southeast	146.9	A	136.7	A	
Eleventh Avenue and West 26th Street	Northwest	116.5	A	105.8	A	
	Northeast	107.4	A	95.9	A	
	Southwest	96.4	A	88.1	A	
Eleventh Avenue and West 25th Street	Southeast	73.4	A	67.8	A	
	Northwest	48.6	B	45.7	B	
	Northeast	39.8	C	37.4	C	
Eleventh Avenue and West 24th Street	Southwest	76.8	A	71.6	A	
	Southeast	75.4	A	69.3	A	
	Northeast	124.6	A	110.4	A	
Hudson Boulevard East and West 34th Street	Southwest	175.0	A	152.3	A	
	Northwest	361.3	A	308.7	A	
	Northeast	149.3	A	128.8	A	
Hudson Boulevard East and West 33rd Street	Southwest	213.4	A	180.9	A	
	Southeast	162.9	A	142.6	A	
	Northeast	284.5	A	279.9	A	
Tenth Avenue and West 35th Street	Southwest	118.6	A	128.4	A	
	Northeast	217.6	A	225.2	A	
	Northwest	38.8	C	38.1	C	
Tenth Avenue and West 34th Street	Northeast	41.1	B	40.4	B	
	Southwest	67.1	A	65.9	A	
	Southeast	92.3	A	90.7	A	
Tenth Avenue and West 33rd Street	Southwest	58.7	B	63.5	A	
	Southeast	80.9	A	88.2	A	
	Northwest	115.0	A	121.7	A	
Tenth Avenue and West 31st Street	Northeast	59.5	B	60.6	A	
	Southeast	81.3	A	79.9	A	
	Northwest	60.4	A	63.2	A	
Tenth Avenue and Dyer Avenue	Southeast	25.3	C	27.1	C	
	Northeast	108.4	A	114.2	A	
	Southwest	86.6	A	95.9	A	
Tenth Avenue and West 29th Street	Southeast	150.7	A	168.6	A	
	Northwest	57.6	B	60.6	A	
	Northeast	92.5	A	103.2	A	
Tenth Avenue and West 28th Street	Southwest	58.6	B	61.4	A	
	Southeast	107.5	A	118.9	A	
	Northwest	73.2	A	68.7	A	
Dyer Avenue and West 31st Street	Northeast	129.1	A	119.0	A	
	Southwest	55.2	B	51.8	B	
	Southeast	121.4	A	112.8	A	
Ninth Avenue and West 35th Street	Northwest	68.9	A	78.7	A	
	Northeast	47.4	B	54.9	B	
	Southwest	70.6	A	79.0	A	
Ninth Avenue and West 34th Street	Southeast	58.0	B	65.6	A	
	Northwest	76.4	A	73.2	A	
	Northeast	152.7	A	151.7	A	
Ninth Avenue and West 33rd Street	Southwest	96.6	A	92.5	A	
	Southeast	166.7	A	165.5	A	
	Northwest	116.8	A	118.5	A	
Ninth Avenue and West 31st Street	Northeast	233.0	A	226.3	A	
	Southwest	107.9	A	108.3	A	
	Southeast	420.5	A	406.9	A	
Ninth Avenue and West 30th Street	Southeast	200.9	A	194.8	A	
	Southwest	80.0	A	76.8	A	
Ninth Avenue and West 29th Street	Southwest	80.9	A	77.8	A	
	Southeast	80.9	A	77.8	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P82

2031 No Action and With Action Conditions Corners Level of Service Analysis
Alternative Scenario
Saturday Evening Peak Hour

Location	Corner	2031 No Action		2031 With Action Alternative Scenario		Impact Determination
		SFP	LOS	SFP	LOS	
		Eleventh Avenue and West 34th Street	Northwest	549.0	A	
	Southwest	318.1	A	209.8	A	
	Southeast	403.5	A	345.1	A	
	Northwest	83.6	A	36.1	C	
Eleventh Avenue and West 33rd Street	Northwest	113.4	A	56.8	B	
	Southwest	29.7	C	22.3	D	
	Southeast	34.5	C	3.7	F	X
Eleventh Avenue and West 32nd Street	Northwest	178.8	A	183.0	A	
Eleventh Avenue and West 31st Street	Southeast	143.3	A	142.9	A	
	Northwest	51.2	B	51.4	B	
Eleventh Avenue and West 30th Street	Northwest	92.6	A	92.3	A	
	Southwest	48.1	B	23.4	D	
	Southeast	48.3	B	32.5	C	
Eleventh Avenue and West 29th Street	Northwest	130.9	A	96.3	A	
	Northwest	127.7	A	102.2	A	
	Southwest	139.0	A	94.4	A	
	Southeast	117.9	A	86.5	A	
Eleventh Avenue and West 28th Street	Northwest	105.6	A	80.6	A	
	Northwest	196.9	A	160.2	A	
	Southwest	185.4	A	147.5	A	
	Southeast	199.6	A	166.7	A	
Eleventh Avenue and West 27th Street	Northwest	167.9	A	156.3	A	
	Northwest	157.6	A	158.8	A	
	Southwest	134.8	A	125.7	A	
	Southeast	117.2	A	118.0	A	
Eleventh Avenue and West 26th Street	Northwest	57.2	B	54.8	B	
	Northwest	60.5	A	60.7	A	
	Southwest	91.7	A	86.4	A	
	Southeast	128.2	A	129.0	A	
Eleventh Avenue and West 25th Street	Northwest	157.9	A	159.4	A	
	Southeast	311.4	A	316.8	A	
Eleventh Avenue and West 24th Street	Northwest	691.4	A	556.4	A	
	Northwest	332.5	A	337.0	A	
	Southwest	372.6	A	363.1	A	
	Southeast	331.2	A	335.5	A	
Hudson Boulevard East and West 34th Street	Northwest	621.1	A	531.2	A	
	Southeast	184.1	A	156.7	A	
Hudson Boulevard East and West 33rd Street	Northwest	358.6	A	313.6	A	
	Northwest	75.1	A	67.1	A	
Tenth Avenue and West 35th Street	Northwest	66.3	A	58.4	B	
	Southwest	149.2	A	130.7	A	
	Southeast	163.2	A	141.7	A	
Tenth Avenue and West 34th Street	Southwest	131.3	A	106.6	A	
	Southeast	162.7	A	130.4	A	
Tenth Avenue and West 33rd Street	Northwest	216.0	A	170.0	A	
	Northwest	107.0	A	72.5	A	
	Southeast	109.8	A	75.7	A	
Tenth Avenue and West 31st Street	Northwest	109.4	A	97.6	A	
	Southeast	47.2	B	41.8	B	
Tenth Avenue and Dyer Avenue	Northwest	219.6	A	233.3	A	
Tenth Avenue and West 30th Street	Southwest	135.3	A	104.0	A	
	Southeast	250.6	A	174.0	A	
Tenth Avenue and West 29th Street	Northwest	116.4	A	94.5	A	
	Northwest	194.3	A	137.9	A	
	Southwest	111.1	A	86.5	A	
	Southeast	197.0	A	131.9	A	
Tenth Avenue and West 28th Street	Northwest	136.8	A	115.5	A	
	Northwest	281.7	A	209.5	A	
	Southwest	119.1	A	97.5	A	
	Southeast	280.2	A	210.1	A	
Dyer Avenue and West 31st Street	Northwest	115.6	A	83.1	A	
	Northwest	81.0	A	52.0	B	
	Southwest	124.3	A	93.3	A	
	Southeast	101.5	A	72.2	A	
Ninth Avenue and West 35th Street	Northwest	131.9	A	111.0	A	
	Northwest	193.4	A	198.4	A	
	Southwest	166.5	A	139.8	A	
	Southeast	209.0	A	215.0	A	
Ninth Avenue and West 34th Street	Northwest	182.3	A	141.8	A	
	Northwest	267.9	A	239.6	A	
	Southwest	164.7	A	133.3	A	
	Southeast	468.7	A	424.2	A	
Ninth Avenue and West 33rd Street	Southeast	263.1	A	236.8	A	
Ninth Avenue and West 31st Street	Southwest	95.9	A	81.5	A	
	Southeast	104.1	A	87.0	A	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P83

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Weekday AM Peak Hour

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	506	57.1	B	East	53.0	15.5	441	66.6	A	
	North	70.0	17.0	1409	31.5	C	North	70.0	17.0	1638	26.4	C	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	2210	22.9	D	East	33.0	16.0	2611	18.1	D	X
	South	70.0	14.0	4289	1.7	F	South	70.0	14.0	3320	2.4	F	
	West	34.0	15.0	2173	15.6	D	West	34.0	15.0	2383	13.2	E	X
	North	70.0	16.0	206	213.6	A	North	70.0	16.0	688	61.5	A	
Eleventh Avenue and West 32nd Street	South	70.0	16.0	174	253.3	A	South	70.0	16.0	588	72.2	A	
	North	70.0	16.0	213	168.7	A	North	70.0	16.0	827	41.4	B	
Eleventh Avenue and West 31st Street	South	70.0	16.0	639	50.6	B	South	70.0	16.0	1088	30.7	C	
	North	61.0	9.5	1001	14.3	E	North	61.0	9.5	1786	6.5	F	X
Eleventh Avenue and West 30th Street	East	34.0	14.0	1252	14.2	E	East	34.0	14.0	1239	13.4	E	
	South	70.0	12.0	479	48.4	B	South	70.0	12.0	407	55.5	B	
	West	34.0	15.0	1324	25.2	C	West	34.0	15.0	1204	28.0	C	
	West	34.0	15.5	864	34.1	C	West	34.0	15.5	849	31.4	C	
Eleventh Avenue and West 29th Street	East	35.0	14.5	884	37.9	C	East	35.0	14.5	892	37.2	C	
	West	33.5	14.0	697	53.7	B	West	33.5	14.0	748	49.2	B	
Eleventh Avenue and West 27th Street	East	36.0	12.0	551	58.3	B	East	36.0	12.0	566	56.5	B	
	West	34.0	13.0	699	56.9	B	West	34.0	13.0	757	52.2	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	576	54.1	B	East	36.0	13.0	591	52.4	B	
	West	34.0	14.0	590	63.5	A	West	34.0	14.0	648	56.9	B	
Eleventh Avenue and West 25th Street	East	34.0	15.0	377	86.1	A	East	34.0	15.0	392	81.7	A	
	West	34.0	14.0	354	25.8	C	West	34.0	14.0	369	24.6	C	
Eleventh Avenue and West 24th Street	West	48.0	18.0	288	193.0	A	West	48.0	18.0	304	182.1	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1595	25.6	C	South	24.0	18.0	1523	27.0	C	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	3925	2.0	F	West	27.0	14.0	4746	1.5	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	1548	23.5	D	South	70.0	20.0	1476	24.7	C	
Tenth Avenue and West 33rd Street	South	62.0	15.0	3218	7.7	F	South	62.0	15.0	3035	8.3	E	
Tenth Avenue and West 31st Street	East	34.0	17.0	2219	17.9	D	East	34.0	17.0	2413	16.1	D	X
	South	60.0	14.0	1120	21.5	D	South	60.0	14.0	1326	17.9	D	X
Tenth Avenue and Dyer Avenue	East	36.0	14.0	660	42.0	B	East	36.0	14.0	1052	25.6	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	420	46.5	B	North	55.0	14.0	778	20.2	D	
Tenth Avenue and West 29th Street	West	34.0	12.5	756	34.2	C	West	34.0	12.5	731	35.1	C	
Tenth Avenue and West 28th Street	East	30.0	12.0	496	52.6	B	East	30.0	12.0	494	51.8	B	
	West	30.0	12.5	820	35.8	C	West	30.0	12.5	828	35.3	C	
Dyer Avenue and West 31st Street	North	51.0	8.0	916	9.0	E	North	51.0	8.0	1153	6.8	F	X
	South	52.0	8.0	895	9.1	E	South	52.0	8.0	1293	5.8	F	X
Ninth Avenue and West 34th Street	South	52.0	22.0	1792	18.1	D	South	52.0	22.0	1774	18.3	D	
Ninth Avenue and West 33rd Street	South	39.0	22.0	3791	6.1	F	South	39.0	22.0	3733	6.2	F	
Ninth Avenue and West 31st Street	North	39.0	16.0	1172	17.7	D	North	39.0	16.0	1444	13.7	E	X
	South	42.0	14.0	867	17.4	D	South	42.0	14.0	1300	11.0	E	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P84

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Weekday Midday Peak Hour

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	1626	14.6	E	East	53.0	15.5	1829	12.7	E	X
Eleventh Avenue and West 33rd Street	North	70.0	17.0	615	57.8	B	North	70.0	17.0	663	53.4	B	
	East	33.0	16.0	2331	20.8	D	East	33.0	16.0	2636	18.0	D	X
	South	70.0	14.0	2643	3.0	F	South	70.0	14.0	2097	4.0	F	
	West	34.0	15.0	2230	16.2	D	West	34.0	15.0	2346	14.7	E	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	245	179.2	A	North	70.0	16.0	519	83.2	A	
	South	70.0	16.0	245	179.1	A	South	70.0	16.0	469	92.3	A	
Eleventh Avenue and West 31st Street	North	70.0	16.0	76	512.8	A	North	70.0	16.0	464	81.9	A	
	South	70.0	16.0	348	104.9	A	South	70.0	16.0	502	75.5	A	
Eleventh Avenue and West 30th Street	North	61.0	9.5	999	18.3	D	North	61.0	9.5	1596	10.8	E	X
	East	34.0	14.0	1367	14.0	E	East	34.0	14.0	1571	10.9	E	X
	South	70.0	12.0	652	36.7	C	South	70.0	12.0	729	31.7	C	
	West	34.0	15.0	2443	11.3	E	West	34.0	15.0	2876	9.2	E	X
Eleventh Avenue and West 29th Street	West	34.0	15.5	1470	20.1	D	West	34.0	15.5	1752	15.3	D	X
Eleventh Avenue and West 28th Street	East	35.0	14.5	1149	30.9	C	East	35.0	14.5	1412	24.4	C	
	West	33.5	14.0	1133	34.3	C	West	33.5	14.0	1408	26.9	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	804	40.0	B	East	36.0	12.0	1156	26.9	C	
	West	34.0	13.0	112	365.3	A	West	34.0	13.0	477	82.3	A	
Eleventh Avenue and West 26th Street	East	36.0	13.0	473	63.3	A	East	36.0	13.0	825	34.8	C	
	West	34.0	14.0	170	176.0	A	West	34.0	14.0	535	54.1	B	
Eleventh Avenue and West 25th Street	East	34.0	15.0	365	109.0	A	East	34.0	15.0	717	53.2	B	
	West	34.0	14.0	446	21.9	D	West	34.0	14.0	798	11.6	E	X
Eleventh Avenue and West 24th Street	West	48.0	18.0	387	136.3	A	West	48.0	18.0	745	69.1	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1053	43.2	B	South	24.0	18.0	1194	37.7	C	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1771	5.8	F	West	27.0	14.0	1766	5.8	F	
Tenth Avenue and West 34th Street	South	70.0	20.0	1690	21.1	D	South	70.0	20.0	1831	19.4	D	
Tenth Avenue and West 33rd Street	South	62.0	15.0	2226	12.7	E	South	62.0	15.0	2361	11.9	E	
	East	34.0	17.0	2442	14.9	E	East	34.0	17.0	2489	14.5	E	
Tenth Avenue and West 31st Street	South	60.0	14.0	996	25.1	C	South	60.0	14.0	1061	23.4	D	
	East	36.0	14.0	1552	14.6	E	East	36.0	14.0	1614	14.0	E	
Tenth Avenue and West 30th Street	North	55.0	14.0	691	19.6	D	North	55.0	14.0	828	14.5	E	X
Tenth Avenue and West 29th Street	West	34.0	12.5	1695	15.4	D	West	34.0	12.5	1899	13.3	E	X
	East	30.0	12.0	1434	18.9	D	East	30.0	12.0	1699	15.4	D	X
Tenth Avenue and West 28th Street	West	30.0	12.5	1996	14.4	E	West	30.0	12.5	2261	12.4	E	X
	North	51.0	8.0	760	10.8	E	North	51.0	8.0	827	9.8	E	X
Dyer Avenue and West 31st Street	South	52.0	8.0	809	11.6	E	South	52.0	8.0	886	10.5	E	X
	South	52.0	22.0	1647	20.0	D	South	52.0	22.0	1819	18.0	D	X
Ninth Avenue and West 34th Street	South	39.0	22.0	1452	24.8	C	South	39.0	22.0	1588	22.4	D	
Ninth Avenue and West 33rd Street	North	39.0	16.0	793	28.4	C	North	39.0	16.0	923	24.1	C	
	South	42.0	14.0	898	19.3	D	South	42.0	14.0	1038	16.5	D	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P85

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Weekday PM Peak Hour

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	692	49.3	B	East	53.0	15.5	712	48.0	B	
Eleventh Avenue and West 33rd Street	North	70.0	17.0	1357	28.1	C	North	70.0	17.0	2052	18.1	D	X
	East	33.0	16.0	2229	19.4	D	East	33.0	16.0	3198	12.6	E	X
	South	70.0	14.0	4026	1.8	F	South	70.0	14.0	5321	1.2	F	X
	West	34.0	15.0	2460	13.0	E	West	34.0	15.0	3832	5.9	F	X
Eleventh Avenue and West 32nd Street	North	70.0	16.0	211	208.3	A	North	70.0	16.0	624	68.1	A	
	South	70.0	16.0	179	246.0	A	South	70.0	16.0	518	82.5	A	
Eleventh Avenue and West 31st Street	North	70.0	16.0	219	163.9	A	North	70.0	16.0	916	37.3	C	
	South	70.0	16.0	609	51.3	B	South	70.0	16.0	1136	29.5	C	
Eleventh Avenue and West 30th Street	North	61.0	9.5	1424	12.3	E	North	61.0	9.5	1925	8.0	E	X
	East	34.0	14.0	1611	9.3	E	East	34.0	14.0	1696	5.1	F	X
	South	70.0	12.0	631	40.3	B	South	70.0	12.0	868	27.7	C	
	West	34.0	15.0	2034	16.8	D	West	34.0	15.0	2625	12.4	E	X
Eleventh Avenue and West 29th Street	West	34.0	15.5	1276	22.9	D	West	34.0	15.5	1544	17.2	D	X
Eleventh Avenue and West 28th Street	East	35.0	14.5	1132	31.9	C	East	35.0	14.5	1302	26.6	C	
	West	33.5	14.0	1022	39.2	C	West	33.5	14.0	1281	30.5	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	798	44.3	B	East	36.0	12.0	807	43.7	B	
	West	34.0	13.0	979	30.8	C	West	34.0	13.0	1078	27.6	C	
Eleventh Avenue and West 26th Street	East	36.0	13.0	700	48.4	B	East	36.0	13.0	709	47.8	B	
	West	34.0	14.0	973	31.8	C	West	34.0	14.0	1072	28.6	C	
Eleventh Avenue and West 25th Street	East	34.0	15.0	455	81.2	A	East	34.0	15.0	464	79.3	A	
Eleventh Avenue and West 24th Street	East	34.0	14.0	444	21.4	D	East	34.0	14.0	453	20.9	D	
	West	48.0	18.0	472	99.8	A	West	48.0	18.0	529	90.7	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1691	24.4	C	South	24.0	18.0	1858	21.7	D	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	4485	1.4	F	West	27.0	14.0	5824	1.0	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	1833	23.6	D	South	70.0	20.0	2000	21.5	D	
Tenth Avenue and West 33rd Street	South	62.0	15.0	3391	7.8	F	South	62.0	15.0	3708	7.1	F	X
Tenth Avenue and West 31st Street	East	34.0	17.0	2147	19.8	D	East	34.0	17.0	2279	18.4	D	
	South	60.0	14.0	1233	20.6	D	South	60.0	14.0	1519	16.3	D	X
Tenth Avenue and Dyer Avenue	East	36.0	14.0	789	29.9	C	East	36.0	14.0	1104	20.6	D	
Tenth Avenue and West 30th Street	North	55.0	14.0	514	38.9	C	North	55.0	14.0	906	17.2	D	X
Tenth Avenue and West 29th Street	West	34.0	12.5	879	33.6	C	West	34.0	12.5	971	30.3	C	
	East	30.0	12.0	488	58.7	B	East	30.0	12.0	659	42.6	B	
Tenth Avenue and West 28th Street	West	30.0	12.5	710	48.1	B	West	30.0	12.5	881	37.8	C	
	North	51.0	8.0	965	6.9	F	North	51.0	8.0	1280	5.0	F	X
Dyer Avenue and West 31st Street	South	52.0	8.0	930	9.3	E	South	52.0	8.0	1377	5.9	F	X
	South	52.0	22.0	1930	16.9	D	South	52.0	22.0	2079	15.7	D	
Ninth Avenue and West 34th Street	South	39.0	22.0	4051	5.9	F	South	39.0	22.0	4179	5.7	F	
Ninth Avenue and West 33rd Street	North	39.0	16.0	1177	17.8	D	North	39.0	16.0	1575	12.8	E	X
	South	42.0	14.0	824	20.4	D	South	42.0	14.0	1354	11.7	E	X

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P86

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Weekday Evening Peak Hour

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	445	58.9	B	East	53.0	15.5	368	72.2	A	
	North	70.0	17.0	648	52.7	B	North	70.0	17.0	801	42.3	B	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1162	49.3	B	East	33.0	16.0	1342	43.1	B	
	South	70.0	14.0	1922	3.9	F	South	70.0	14.0	2099	3.4	F	X
	West	34.0	15.0	1309	31.9	C	West	34.0	15.0	1548	26.7	C	
Eleventh Avenue and West 32nd Street	North	70.0	16.0	82	540.8	A	North	70.0	16.0	247	177.5	A	
	South	70.0	16.0	82	540.5	A	South	70.0	16.0	190	231.4	A	
Eleventh Avenue and West 31st Street	North	70.0	16.0	90	402.6	A	North	70.0	16.0	392	90.5	A	
	South	70.0	16.0	440	79.5	A	South	70.0	16.0	489	71.9	A	
Eleventh Avenue and West 30th Street	North	61.0	9.5	756	20.7	D	North	61.0	9.5	760	20.7	D	
	East	34.0	14.0	868	24.4	C	East	34.0	14.0	862	19.7	D	
	South	70.0	12.0	375	64.2	A	South	70.0	12.0	374	61.9	A	
	West	34.0	15.0	1189	21.4	D	West	34.0	15.0	1204	21.0	D	
Eleventh Avenue and West 29th Street	West	34.0	15.5	762	40.0	B	West	34.0	15.5	778	36.0	C	
Eleventh Avenue and West 28th Street	East	35.0	14.5	579	51.2	B	East	35.0	14.5	634	46.1	B	
	West	33.5	14.0	591	58.0	B	West	33.5	14.0	671	49.5	B	
Eleventh Avenue and West 27th Street	East	36.0	12.0	452	73.2	A	East	36.0	12.0	453	72.9	A	
	West	34.0	13.0	566	54.0	B	West	34.0	13.0	593	51.2	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	390	92.6	A	East	36.0	13.0	391	92.3	A	
	West	34.0	14.0	579	76.7	A	West	34.0	14.0	606	73.1	A	
Eleventh Avenue and West 25th Street	East	34.0	15.0	225	153.9	A	East	34.0	15.0	226	154.1	A	
	West	34.0	14.0	243	42.4	B	West	34.0	14.0	244	42.2	B	
Eleventh Avenue and West 24th Street	West	48.0	18.0	266	213.5	A	West	48.0	18.0	289	195.6	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	824	46.4	B	South	24.0	18.0	810	47.2	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2247	3.5	F	West	27.0	14.0	2593	2.9	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	885	44.1	B	South	70.0	20.0	871	44.9	B	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1486	18.5	D	South	62.0	15.0	1569	17.4	D	
	East	34.0	17.0	1018	40.0	B	East	34.0	17.0	1038	39.3	C	
Tenth Avenue and West 31st Street	South	60.0	14.0	505	48.4	B	South	60.0	14.0	570	42.3	B	
	East	36.0	14.0	515	42.6	B	East	36.0	14.0	601	36.9	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	296	59.4	B	North	55.0	14.0	378	39.6	C	
Tenth Avenue and West 29th Street	West	34.0	12.5	601	49.3	B	West	34.0	12.5	599	49.4	B	
	East	30.0	12.0	354	75.2	A	East	30.0	12.0	409	63.7	A	
Tenth Avenue and West 28th Street	West	30.0	12.5	458	73.7	A	West	30.0	12.5	513	65.4	A	
	North	51.0	8.0	444	17.0	D	North	51.0	8.0	519	14.4	E	X
Dyer Avenue and West 31st Street	South	52.0	8.0	392	20.7	D	South	52.0	8.0	516	15.4	D	X
	South	52.0	22.0	786	45.8	B	South	52.0	22.0	823	43.7	B	
Ninth Avenue and West 34th Street	South	39.0	22.0	1568	15.8	D	South	39.0	22.0	1606	15.4	D	
Ninth Avenue and West 33rd Street	North	39.0	16.0	505	41.2	B	North	39.0	16.0	638	31.7	C	
	South	42.0	14.0	419	38.1	C	South	42.0	14.0	601	25.6	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P87

**2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Saturday Midday/Afternoon Peak Hour**

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	1033	32.4	C	East	53.0	15.5	904	37.4	C	
	North	70.0	17.0	679	61.1	A	North	70.0	17.0	548	76.9	A	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	1666	32.2	C	East	33.0	16.0	1466	37.1	C	
	South	70.0	14.0	1846	3.8	F	South	70.0	14.0	1348	5.7	F	
	West	34.0	15.0	1896	25.0	C	West	34.0	15.0	1486	31.3	C	
	North	70.0	16.0	158	279.3	A	North	70.0	16.0	265	165.4	A	
Eleventh Avenue and West 32nd Street	South	70.0	16.0	158	279.2	A	South	70.0	16.0	185	238.2	A	
	North	70.0	16.0	124	313.3	A	North	70.0	16.0	345	111.0	A	
Eleventh Avenue and West 31st Street	South	70.0	16.0	575	62.1	A	South	70.0	16.0	373	102.4	A	
	North	61.0	9.5	1290	16.3	D	North	61.0	9.5	1050	20.6	D	
Eleventh Avenue and West 30th Street	East	34.0	14.0	1288	13.1	E	East	34.0	14.0	1264	11.7	E	X
	South	70.0	12.0	695	40.0	C	South	70.0	12.0	550	50.5	B	
	West	34.0	15.0	2165	12.2	E	West	34.0	15.0	1906	14.3	E	
Eleventh Avenue and West 29th Street	West	34.0	15.5	1312	19.7	D	West	34.0	15.5	1243	21.3	D	
Eleventh Avenue and West 28th Street	East	35.0	14.5	859	36.8	C	East	35.0	14.5	937	33.1	C	
	West	33.5	14.0	963	40.1	B	West	33.5	14.0	1037	36.9	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	726	44.2	B	East	36.0	12.0	815	38.9	C	
	West	34.0	13.0	855	36.8	C	West	34.0	13.0	942	33.0	C	
Eleventh Avenue and West 26th Street	East	36.0	13.0	634	41.1	B	East	36.0	13.0	723	35.6	C	
	West	34.0	14.0	827	39.4	C	West	34.0	14.0	914	35.4	C	
Eleventh Avenue and West 25th Street	East	34.0	15.0	472	85.4	A	East	34.0	15.0	561	71.2	A	
	West	34.0	14.0	538	16.9	D	West	34.0	14.0	627	14.3	E	X
Eleventh Avenue and West 24th Street	West	48.0	18.0	440	116.4	A	West	48.0	18.0	529	96.2	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	1000	43.6	B	South	24.0	18.0	893	49.4	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	2255	3.8	F	West	27.0	14.0	2075	4.2	F	
Tenth Avenue and West 34th Street	South	70.0	20.0	1176	30.2	C	South	70.0	20.0	1069	33.4	C	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1584	20.0	D	South	62.0	15.0	1589	19.9	D	
	East	34.0	17.0	1230	34.5	C	East	34.0	17.0	1183	36.0	C	
Tenth Avenue and West 31st Street	South	60.0	14.0	720	39.2	C	South	60.0	14.0	665	42.7	B	
	East	36.0	14.0	927	24.5	C	East	36.0	14.0	883	25.8	C	
Tenth Avenue and West 30th Street	North	55.0	14.0	552	34.7	C	North	55.0	14.0	454	38.7	C	
Tenth Avenue and West 29th Street	West	34.0	12.5	1225	19.6	D	West	34.0	12.5	1210	19.9	D	
Tenth Avenue and West 28th Street	East	30.0	12.0	807	33.6	C	East	30.0	12.0	887	30.2	C	
	West	30.0	12.5	1095	22.5	D	West	30.0	12.5	1175	20.8	D	
Dyer Avenue and West 31st Street	North	51.0	8.0	515	13.0	E	North	51.0	8.0	458	14.7	E	
	South	52.0	8.0	579	17.0	D	South	52.0	8.0	524	19.0	D	
Ninth Avenue and West 34th Street	South	52.0	22.0	980	38.3	C	South	52.0	22.0	1018	36.8	C	
Ninth Avenue and West 33rd Street	South	39.0	22.0	1366	24.9	C	South	39.0	22.0	1420	23.9	D	
	North	39.0	16.0	613	41.6	B	North	39.0	16.0	655	38.8	C	
Ninth Avenue and West 31st Street	South	42.0	14.0	595	29.6	C	South	42.0	14.0	639	27.4	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Table TA-P88

2031 No Action and With Action Conditions Crosswalks Level of Service Analysis
Alternative Scenario
Saturday Evening Peak Hour

Location	2031 No Action						2031 With Action (Alternative Scenario)						Impact Determination
	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS	
Eleventh Avenue and West 34th Street	East	53.0	15.5	434	78.9	A	East	53.0	15.5	461	75.0	A	
	North	70.0	17.0	418	82.1	A	North	70.0	17.0	855	36.8	C	
Eleventh Avenue and West 33rd Street	East	33.0	16.0	859	58.3	B	East	33.0	16.0	1335	34.5	C	
	South	70.0	14.0	1066	5.6	F	South	70.0	14.0	2948	1.8	F	X
	West	34.0	15.0	994	49.0	B	West	34.0	15.0	2130	17.4	D	X
	North	70.0	16.0	68	652.7	A	North	70.0	16.0	115	384.8	A	
Eleventh Avenue and West 32nd Street	South	70.0	16.0	68	652.4	A	South	70.0	16.0	65	683.0	A	
	North	70.0	16.0	79	493.2	A	North	70.0	16.0	349	109.5	A	
Eleventh Avenue and West 31st Street	South	70.0	16.0	382	99.0	A	South	70.0	16.0	375	101.8	A	
	North	61.0	9.5	817	16.7	D	North	61.0	9.5	635	22.4	D	
Eleventh Avenue and West 30th Street	East	34.0	14.0	876	24.9	C	East	34.0	14.0	980	15.2	D	X
	South	70.0	12.0	416	56.0	B	South	70.0	12.0	707	33.0	C	
	West	34.0	15.0	1180	21.7	D	West	34.0	15.0	1846	11.7	E	X
Eleventh Avenue and West 29th Street	West	34.0	15.5	795	39.3	C	West	34.0	15.5	1055	27.2	C	
Eleventh Avenue and West 28th Street	East	35.0	14.5	552	63.2	A	East	35.0	14.5	715	46.7	B	
	West	33.5	14.0	623	55.4	B	West	33.5	14.0	836	39.7	C	
Eleventh Avenue and West 27th Street	East	36.0	12.0	458	63.1	A	East	36.0	12.0	454	63.7	A	
	West	34.0	13.0	605	51.6	B	West	34.0	13.0	653	47.7	B	
Eleventh Avenue and West 26th Street	East	36.0	13.0	365	73.8	A	East	36.0	13.0	361	74.7	A	
	West	34.0	14.0	618	44.0	B	West	34.0	14.0	666	40.7	B	
Eleventh Avenue and West 25th Street	East	34.0	15.0	234	138.0	A	East	34.0	15.0	230	140.8	A	
	West	34.0	14.0	250	37.4	C	West	34.0	14.0	246	38.1	C	
Eleventh Avenue and West 24th Street	West	48.0	18.0	226	242.9	A	West	48.0	18.0	234	234.2	A	
Hudson Boulevard East and West 34th Street	South	24.0	18.0	629	77.2	A	South	24.0	18.0	840	56.3	B	
Hudson Boulevard East and West 33rd Street	West	27.0	14.0	1679	5.3	F	West	27.0	14.0	2246	3.6	F	X
Tenth Avenue and West 34th Street	South	70.0	20.0	677	63.0	A	South	70.0	20.0	888	47.8	B	
Tenth Avenue and West 33rd Street	South	62.0	15.0	1122	23.4	D	South	62.0	15.0	1564	15.9	D	X
	East	34.0	17.0	671	66.3	A	East	34.0	17.0	635	70.3	A	
Tenth Avenue and West 31st Street	South	60.0	14.0	468	50.5	B	South	60.0	14.0	585	40.3	B	
	East	36.0	14.0	459	58.3	B	East	36.0	14.0	433	61.9	A	
Tenth Avenue and West 30th Street	North	55.0	14.0	318	62.4	A	North	55.0	14.0	401	44.3	B	
Tenth Avenue and West 29th Street	West	34.0	12.5	742	41.1	B	West	34.0	12.5	852	35.2	C	
	East	30.0	12.0	310	91.9	A	East	30.0	12.0	473	58.7	B	
Tenth Avenue and West 28th Street	West	30.0	12.5	608	51.6	B	West	30.0	12.5	771	39.6	C	
	North	51.0	8.0	293	22.2	D	North	51.0	8.0	411	15.5	D	X
Dyer Avenue and West 31st Street	South	52.0	8.0	344	28.2	C	South	52.0	8.0	468	20.8	D	
	South	52.0	22.0	689	47.6	B	South	52.0	22.0	836	38.8	C	
Ninth Avenue and West 34th Street	South	39.0	22.0	983	37.0	C	South	39.0	22.0	1150	31.4	C	
Ninth Avenue and West 33rd Street	North	39.0	16.0	284	80.2	A	North	39.0	16.0	456	47.8	B	
	South	42.0	14.0	467	37.6	C	South	42.0	14.0	645	27.3	C	

Note: SFP = square feet per pedestrian; X = denotes a significant adverse pedestrian impact

Street User Safety

Vehicle and Pedestrian Crash Details

**Table TA-S1
Vehicle and Pedestrian Crash Details**

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
6 AVENUE / WEST 23 STREET	2017	19-Jan	7:45 AM	X		Making Left Turn – North	Crossing with signal	X		X	
	2017	7-Feb	6:00 PM	X		Going Straight Ahead – East	Other Actions in roadway				Failure To Yield Right Of Way ; Traffic Control Devices Disregarded
	2017	9-Apr	1:55 PM	X		Starting in Traffic – North	Crossing against signal		X		
	2017	2-May	9:10 AM	X		Making Left Turn – Northwest	Crossing with signal	X			
	2017	17-Aug	4:00 PM	X		Going Straight Ahead – West	Crossing with signal			X	View Obstructed/Limited
	2018	15-Jan	10:20 AM	X		Making Left Turn – West	Crossing with signal	X		X	Failure To Yield Right Of Way
	2018	7-Feb	1:20 PM	X		Going Straight Ahead – West	Unknown			X	Traffic Control Devices Disregarded
	2018	30-Mar	2:55 AM	X		Going Straight Ahead – North	Not in roadway (Indicate)			X	
	2018	16-May	3:40 PM	X		Going Straight Ahead – West	Crossing against signal		X		
	2018	28-Jun	3:48 PM	X		Making Right Turn – East	Crossing with signal	X	X	X	View Obstructed/Limited ; Fatigue/Drowsy
	2018	11-Nov	7:50 PM	X		Going Straight Ahead – East	Other Actions in roadway		X		
	2019	21-Jun	4:25 PM	X		Going Straight Ahead – East	Unknown				Turning Improper
	2019	15-Jul	10:00 AM	X		Going Straight Ahead – West	Unknown			X	Traffic Control Devices Disregarded ; Failure To Yield Right Of Way
	2019	31-Aug	3:10 PM	X		Unknown - Unknown	Crossing with signal				
	2019	9-Sep	8:12 PM	X		Unknown - Unknown	Unknown				
	2019	12-Sep	12:49 PM	X		Stopped in Traffic – West	Unknown			X	Passing Or Lane Usage Improperly
2019	18-Nov	11:45 PM	X		Making Left Turn – West	Crossing with signal	X		X		
7 AVENUE / WEST 23 STREET	2017	29-May	5:00 PM	X		Making Left Turn – East	Crossing against signal	X	X		
	2017	2-Jun	12:00 AM	X		Going Straight Ahead – West	Crossing against signal		X		
	2017	16-Aug	10:40 AM	X		Making Right Turn – South	Crossing with signal	X	X		
	2018	3-Feb	4:00 PM	X		Making Left Turn – Northwest	Other Actions in roadway	X			
	2018	2-Jul	11:44 AM	X		Stopped in Traffic – East	Unknown				
	2018	2-Jul	1:47 PM	X		Going Straight Ahead – East	Unknown				
	2018	27-Sep	5:12 PM	X		Making Right Turn – Southwest	Crossing with signal	X			Physical Disability
	2018	31-Dec	8:36 AM	X		Making Right Turn – Southwest	Crossing with signal	X			
	2019	20-Mar	3:24 PM	X		Stopped in Traffic – Southwest	Unknown				Alcohol Involvement ; Passing Or Lane Usage Improperly
	2019	5-Apr	11:28 AM	X		Going Straight Ahead – West	Unknown				Backing Unsafely
	2019	13-Sep	12:00 AM	X		Making Left Turn – East	Crossing with signal	X		X	

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
7 AVENUE / WEST 28 STREET	2017	21-Mar	12:10 AM	X		Making Left Turn – East	Crossing with signal	X			
	2017	24-Mar	9:00 AM	X		Stopped in Traffic – East	Unknown				Passing Or Lane Usage Improperly
	2017	28-Mar	8:05 PM	X		Unknown - Unknown	Crossing with signal				
	2017	4-Dec	7:40 PM	X		Making Left Turn – East	Crossing with signal	X	X		Turning Improper
	2018	21-Jun	2:30 AM	X		Making Left Turn – South	Crossing with signal	X		X	Turning Improper
	2018	21-Jun	2:30 AM	X		Making Left Turn – South	Crossing with signal	X		X	Turning Improper
	2018	13-Sep	10:00 AM	X		Backing - East	Working in roadway				
	2019	8-Mar	6:51 AM	X		Going Straight Ahead – South	Unknown				
	2019	10-Mar	10:30 AM	X		Making Left Turn – Southeast	Crossing with signal	X			
7 AVENUE / WEST 29 STREET	2017	17-Jun	1:36 PM		X	Making Right Turn – West	Unknown	X	X		
	2017	2-Nov	11:14 AM	X		Unknown - Unknown	Unknown				
	2018	21-Jan	2:45 PM	X		Making Left Turn – West	Crossing with signal	X			
	2018	11-Sep	7:57 AM	X		Going Straight Ahead – West	Working in roadway				
	2019	4-Jan	9:30 AM	X		Making Right Turn – Southwest	Unknown	X			
	2019	8-Aug	11:50 PM	X		Going Straight Ahead – South	Unknown		X		
	2019	29-Nov	2:48 PM	X		Going Straight Ahead – South	Crossing against signal		X	X	
8 AVENUE / WEST 23 STREET	2017	12-Feb	5:36 PM	X		Parked - Unknown	Unknown				Headlights Defective
	2017	18-Oct	4:00 PM	X		Going Straight Ahead – West	Other Actions in roadway		X		Failure To Yield Right Of Way
	2017	10-Dec	8:00 PM	X		Making Right Turn – North	Crossing with signal	X		X	
	2018	20-May	9:30 AM	X		Going Straight Ahead – East	Unknown		X		
	2019	27-Apr	4:05 PM	X		Making Right Turn – North	Crossing with signal	X			Turning Improper
	2019	29-Oct	6:55 PM	X		Making Right Turn – North	Crossing with signal	X			Turning Improper
8 AVENUE / WEST 29 STREET	2017	16-Jan	2:55 PM	X		Making Left Turn – Northwest	Crossing with signal	X			
	2017	30-Nov	4:59 PM	X		Making Left Turn – West	Crossing with signal	X		X	Failure To Yield Right Of Way
	2018	22-Feb	9:30 PM	X		Making Left Turn – Northwest	Unknown	X			
	2018	7-Mar	12:00 AM	X		Making Left Turn – West	Crossing with signal	X		X	
	2018	30-May	5:20 PM	X		Going Straight Ahead – West	Unknown			X	
	2018	2-Jun	12:35 AM	X		Making Left Turn – West	Crossing with signal	X		X	Failure To Yield Right Of Way
	2018	8-Sep	2:30 PM	X		Going Straight Ahead – North	Unknown			X	
	2018	10-Nov	1:00 AM	X		Going Straight Ahead – West	Unknown				
	2019	31-Aug	12:25 AM	X		Making Left Turn – West	Other Actions in roadway	X	X		

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
8 AVENUE / WEST 30 STREET	2017	15-Jan	2:15 AM	X		Going Straight Ahead – North	Crossing against signal		X		
	2018	11-Jan	6:40 PM	X		Making Left Turn – North	Crossing with signal	X			
	2018	27-Mar	8:45 PM	X		Making Left Turn – Northwest	Crossing with signal	X		X	
	2018	21-Sep	12:35 PM	X		Making Left Turn – East	Crossing with signal	X			Traffic Control Devices Disregarded
	2018	4-Oct	9:50 AM	X		Making Left Turn – Northeast	Crossing with signal	X			
	2019	28-Jan	10:00 PM	X		Making Left Turn – North	Crossing with signal	X		X	
	2019	10-May	7:00 PM	X		Making Right Turn – Northeast	Crossing with signal	X			
	2019	21-May	8:45 PM	X		Going Straight Ahead – North	Unknown		X	X	
8 AVENUE / WEST 31 STREET	2018	22-Feb	6:22 PM	X		Making Left Turn – West	Crossing with signal	X			Following Too Closely
	2018	2-Aug	12:01 PM	X		Going Straight Ahead – West	Unknown				
	2018	16-Dec	9:15 PM	X		Making Right Turn – Northeast	Crossing with signal	X		X	
	2018	22-Dec	7:20 PM	X		Going Straight Ahead – North	Crossing against signal		X		Alcohol Involvement
	2019	7-Mar	3:55 PM	X		Going Straight Ahead – West	Crossing, No Signal, Marked Crossing				Failure To Yield Right Of Way
8 AVENUE / WEST 33 STREET	2018	19-Jul	7:32 PM	X		Going Straight Ahead – North	Other Actions in roadway		X		
	2019	27-Mar	2:40 PM	X		Going Straight Ahead – North	Unknown				Backing Unsafely
	2019	25-Jun	1:03 AM	X		Changing Lanes – North	Unknown				
8 AVENUE / WEST 34 STREET	2017	3-May	12:04 PM	X		Making Right Turn – Northwest	Unknown	X			
	2017	17-Jun	7:54 PM	X		Going Straight Ahead – West	Crossing against signal		X		
	2018	2-Jan	8:30 AM	X		Unknown - Unknown	Crossing with signal				
	2018	24-Feb	3:26 AM	X		Going Straight Ahead – North	Getting on/off vehicle other than school bus				
	2018	3-Sep	1:20 PM	X		Going Straight Ahead – East	Unknown		X		
	2018	27-Sep	9:50 AM	X		Making Left Turn – West	Crossing with signal	X			
	2018	20-Dec	10:25 PM	X		Going Straight Ahead – East	Unknown				
	2019	1-Jul	10:43 PM	X		Making Left Turn – East	Unknown	X		X	
8 AVENUE / WEST 35 STREET	2018	12-Jan	7:00 PM	X		Making Right Turn – North	Unknown	X	X	X	
	2018	12-Jan	7:00 PM	X		Making Right Turn – North	Unknown	X	X	X	
	2018	14-May	12:30 PM	X		Stopped in Traffic – North	Unknown				Fell Asleep
	2018	14-Jul	7:00 PM	X		Making Left Turn – Northwest	Crossing with signal	X			Failure To Yield Right Of Way
	2019	21-Nov	11:25 AM	X		Starting in Traffic – West	Crossing, No Signal or Marked Crossing		X		Failure To Yield Right Of Way

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
8 AVENUE / WEST 42 STREET	2017	17-Feb	4:00 PM	X		Making Left Turn – East	Working in roadway	X			
	2017	11-May	6:50 PM	X		Going Straight Ahead – North	Crossing against signal		X		
	2017	26-May	2:15 AM	X		Making Left Turn – Northwest	Crossing with signal	X			
	2018	20-Jan	9:44 PM	X		Going Straight Ahead – Unknown	Crossing with signal			X	
	2018	5-Feb	10:15 AM	X		Making Left Turn – Northeast	Crossing with signal	X	X	X	Failure To Yield Right Of Way
	2018	2-Jun	10:52 PM	X		Merging - West	Crossing with signal				Failure To Yield Right Of Way
	2018	7-Oct	2:10 PM	X		Slowing or Stopping – West	Working in roadway				
	2018	16-Oct	11:20 AM	X		Going Straight Ahead – East	Crossing, No Signal or Marked Crossing				
	2018	13-Dec	2:41 AM	X		Making Left Turn – West	Crossing with signal	X		X	
	2019	12-Jan	5:50 PM	X		Entering Parking Position – North	Crossing with signal				Outside Car Distraction
	2019	25-Feb	1:00 AM	X		Unknown - Unknown	Other Actions in roadway				
	2019	28-Feb	12:00 AM	X		Other - East	Crossing, No Signal, Marked Crossing				Failure To Yield Right Of Way
	2019	11-May	4:56 PM	X		Going Straight Ahead – East	Crossing against signal				Traffic Control Devices Disregarded
	2019	30-May	7:22 PM	X		Going Straight Ahead – East	Crossing against signal		X		Traffic Control Devices Disregarded
	2019	6-Jul	4:14 PM	X		Unknown - Unknown	Crossing with signal				
2019	23-Nov	9:00 PM	X		Slowing or Stopping – East	Unknown				Failure To Yield Right Of Way	
9 AVENUE / WEST 23 STREET	2017	10-Jan	8:07 PM	X		Unknown - Unknown	Unknown				
	2017	12-Feb	8:00 AM	X		Making U Turn – West	Unknown				
	2017	24-Jul	4:26 PM	X		Making Left Turn – Southeast	Unknown	X	X		
	2018	28-Apr	8:20 PM	X		Going Straight Ahead – West	Crossing, No Signal or Marked Crossing				
	2018	24-Oct	9:10 PM	X		Going Straight Ahead – South	Crossing with signal				
	2019	30-May	11:25 PM	X		Making Right Turn – Northeast	Working in roadway	X			Aggressive Driving/Road Rage
9 AVENUE / WEST 30 STREET	2017	13-May	3:00 AM	X		Unknown - Unknown	Unknown				
	2018	5-Sep	12:15 PM	X		Making Right Turn – Southwest	Crossing with signal	X			
	2018	29-Aug	10:27 PM	X		Making Right Turn – East	Crossing with signal	X			
	2018	2-Jun	11:50 PM	X		Going Straight Ahead – South	Unknown				
9 AVENUE / WEST 31 STREET	2018	31-Jan	5:14 PM	X		Making Left Turn – Southwest	Crossing with signal	X		X	
	2019	1-Mar	6:20 PM	X		Making Right Turn – South	Crossing with signal	X			Oversized Vehicle
	2019	7-Mar	12:32 AM	X		Backing - East	Not in roadway (Indicate)				
	2019	6-May	6:00 PM	X		Other - South	Unknown				
	2019	20-Oct	6:25 PM	X		Making Left Turn – South	Crossing with signal	X		X	Failure To Yield Right Of Way
2019	29-Dec	8:50 PM	X		Making Left Turn – South	Crossing with signal	X				
9 AVENUE / WEST 34 STREET	2017	30-May	3:13 PM	X		Making Right Turn – Southwest	Unknown	X			
	2018	20-Aug	8:20 PM	X		Making Left Turn – East	Crossing with signal	X		X	Failure To Yield Right Of Way
	2019	29-Jan	6:05 PM	X		Making Right Turn – South	Crossing with signal	X			
	2019	24-Mar	11:40 AM	X		Making Left Turn – South	Crossing with signal	X			
	2019	31-May	8:25 AM	X		Going Straight Ahead – South	Unknown				

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
9 AVENUE / WEST 36 STREET	2017	28-Nov	11:05 AM	X		Making Left Turn – East	Crossing with signal	X			
	2018	22-Jan	8:20 AM	X		Backing - West	Crossing with signal				
	2018	7-May	12:50 PM	X		Going Straight Ahead – East	Crossing against signal				Traffic Control Devices Disregarded ; Failure To Yield Right Of Way
	2019	30-Jan	12:45 PM	X		Making Right Turn – South	Crossing with signal	X			
	2019	15-Aug	6:20 PM	X		Making Left Turn – East	Crossing with signal	X		X	Failure To Yield Right Of Way
9 AVENUE / WEST 37 STREET	2017	16-Nov	12:40 AM	X		Making Left Turn – Southwest	Unknown	X		X	
	2017	24-Dec	5:00 PM	X		Making Left Turn – Southwest	Crossing with signal	X			
	2018	23-Jan	9:00 AM	X		Making Left Turn – South	Crossing with signal	X			
	2018	19-Apr	12:20 PM	X		Going Straight Ahead – West	Crossing against signal				Passing Or Lane Usage Improperly
	2018	19-May	11:30 AM	X		Making Left Turn – Southeast	Crossing with signal	X			
	2018	30-Aug	7:55 PM	X		Going Straight Ahead – South	Other Actions in roadway		X		
9 AVENUE / WEST 42 STREET	2017	27-Jan	10:31 PM	X		Making Left Turn – Southeast	Other Actions in roadway	X			Failure To Yield Right Of Way
	2017	21-Apr	6:53 AM	X		Making Right Turn – Southwest	Crossing with signal	X			
	2017	7-Sep	9:10 PM	X		Going Straight Ahead – South	Unknown			X	Failure To Yield Right Of Way
	2017	14-Oct	11:10 PM	X		Going Straight Ahead – South	Unknown				
	2017	27-Dec	6:35 PM	X		Making Left Turn – West	Crossing with signal	X			
	2018	3-Jan	3:10 PM	X		Going Straight Ahead – South	Unknown		X	X	
	2018	11-Mar	12:50 AM	X		Going Straight Ahead – West	Crossing, No Signal or Marked Crossing				
	2018	23-Mar	9:45 PM	X		Making Left Turn – South	Crossing against signal	X		X	Driver Inexperience
	2018	9-May	10:30 PM	X		Going Straight Ahead – Unknown	Unknown				
	2018	22-May	3:13 PM	X		Making Left Turn – South	Crossing, No Signal or Marked Crossing	X	X		
	2018	31-Jul	11:42 AM			Merging - East	Unknown				
	2018	21-Sep	9:00 PM	X		Going Straight Ahead – West	Crossing, No Signal or Marked Crossing		X		Unsafe Lane Changing
	2018	19-Oct	7:30 PM	X		Making Left Turn – South	Unknown	X	X		
	2019	13-Apr	6:05 AM	X		Making Left Turn – Southwest	Crossing with signal	X			
	2019	6-May	8:25 PM	X		Going Straight Ahead – East	Unknown				Passing Or Lane Usage Improperly
2019	11-Jun	9:20 AM	X		Unknown - Unknown	Unknown					
2019	30-Jun	11:45 PM	X		Making Left Turn – South	Working in roadway	X				Turning Improper
10 AVENUE / WEST 28 STREET	2017	9-Nov	3:45 PM	X		Going Straight Ahead – North	Unknown				
	2018	24-Mar	7:04 PM	X		Making Left Turn – Northeast	Crossing with signal	X			
	2018	7-Jul	10:30 AM	X		Making Right Turn – East	Crossing with signal	X			Turning Improper
10 AVENUE / WEST 34 STREET	2017	1-Jan	1:30 AM	X		Going Straight Ahead – East	Crossing against signal		X		
	2018	21-Jan	3:35 PM	X		Going Straight Ahead – North	Crossing against signal		X		
	2018	14-Mar	4:00 AM	X		Unknown - Unknown	Crossing, No Signal, Marked Crossing				
	2018	3-Nov	9:42 PM		X	Starting from Parking – North	Other Actions in roadway				
	2019	20-Dec	1:40 PM	X		Parked - North	Unknown			X	
10 AVENUE / WEST 38 STREET	2018	18-Jun	9:49 PM	X		Making Left Turn – East	Unknown	X			Failure To Yield Right Of Way
	2018	21-Sep	12:41 AM	X		Making Left Turn – North	Unknown	X			
	2018	26-Oct	1:23 AM	X		Making Left Turn – North	Crossing, No Signal, Marked Crossing	X	X		

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
10 AVENUE / WEST 39 STREET	2017	19-Apr	6:20 PM	X		Making Left Turn – West	Unknown	X			Turning Improper
	2018	2-Aug	6:45 PM	X		Making Right Turn – North	Unknown	X		X	Alcohol Involvement ; Turning Improper
	2018	14-Nov	10:15 AM	X		Going Straight Ahead – South	Not in roadway (Indicate)				
	2018	29-Nov	2:00 AM	X		Going Straight Ahead – North	Crossing, No Signal or Marked Crossing		X		Alcohol Involvement
	2019	11-Sep	3:00 PM	X		Going Straight Ahead – West	Unknown				
	2019	14-Nov	10:10 AM	X		Making Left Turn – Northwest	Unknown	X	X		Backing Unsafely
10 AVENUE / WEST 40 STREET	2017	4-Dec	9:05 AM	X		Making Left Turn – Northeast	Crossing with signal	X			
	2018	22-Sep	11:55 PM	X		Going Straight Ahead – Unknown	Crossing, No Signal, Marked Crossing				
	2018	15-May	9:30 AM	X		Making Left Turn – Northeast	Crossing with signal	X			
10 AVENUE / WEST 41 STREET	2018	24-Jan	6:45 AM	X		Making Right Turn – North	Crossing with signal	X		X	
	2018	27-Mar	7:40 AM	X		Making Left Turn – West	Crossing with signal	X			Failure To Yield Right Of Way
	2018	27-Mar	9:51 AM	X		Making Left Turn – West	Crossing with signal	X			Failure To Yield Right Of Way
	2018	8-Jun	10:45 PM	X		Going Straight Ahead – North	Unknown		X	X	
	2019	12-Sep	11:00 AM	X		Making Left Turn – West	Unknown	X	X		
	2019	16-Sep	4:22 PM	X		Making Left Turn – Northwest	Crossing with signal	X			
10 AVENUE / WEST 42 STREET	2017	27-Jan	7:41 PM	X		Stopped in Traffic – East	Crossing with signal				
	2017	1-Jun	12:00 PM	X		Going Straight Ahead – North	Crossing with signal				
	2017	11-Jun	1:00 PM	X		Going Straight Ahead – East	Crossing with signal			X	Failure To Yield Right Of Way
	2017	26-Jun	1:11 PM	X		Going Straight Ahead – East	Unknown				Failure To Yield Right Of Way
	2018	1-Feb	9:00 AM	X		Going Straight Ahead – West	Unknown			X	Backing Unsafely ; Failure To Yield Right Of Way
	2018	13-Sep	11:40 AM	X		Making Left Turn – Northwest	Unknown	X			
	2018	16-Nov	11:53 PM			Making Left Turn – Northwest	Unknown	X			
	2018	27-Nov	4:50 PM	X		Other - South	Not in roadway (Indicate)				
	2019	29-Jan	7:00 PM	X		Making Left Turn – West	Crossing with signal	X			
	2019	16-Feb	7:48 PM	X		Making Right Turn – West	Unknown	X		X	
	2019	24-Feb	12:50 PM	X		Going Straight Ahead – North	Crossing against signal			X	
	2019	22-Mar	1:35 AM	X		Making Left Turn – West	Crossing with signal	X			
	2019	28-Sep	9:00 PM	X		Unknown - West	Crossing, No Signal or Marked Crossing			X	Failure To Yield Right Of Way
2019	27-Oct	12:15 PM	X		Making Left Turn – North	Crossing with signal	X				
10 AVENUE / LINCOLN TUNNEL APPROACH	2017	23-Jan	6:25 PM	X		Making Left Turn – North	Crossing with signal	X			Failure To Yield Right Of Way
	2017	24-Aug	10:00 AM	X		Other - East	Unknown				
	2018	21-Jan	1:45 AM	X		Unknown - East	Crossing with signal				
	2018	29-Jan	2:05 AM			Making Right Turn – Northeast	Crossing with signal	X			
	2018	24-Jul	3:10 PM	X		Backing - North	Crossing with signal				

Table TA-S1 (cont'd)
Vehicle and Pedestrian Crash Details

Intersection	Year	Date	Time	Crash Class		Action of Vehicle	Action of Pedestrian	Cause of Crash			
				Injured	Killed			Left/Right Turns	Pedestrian Error/Confusion	Driver Inattention	Other
11 AVENUE / WEST 34 STREET	2017	19-Feb	6:19 PM	X		Going Straight Ahead – East	Crossing, No Signal or Marked Crossing		X		
	2017	31-Mar	6:15 AM	X		Making Left Turn – Southwest	Crossing with signal	X	X		
	2017	19-May	1:45 PM	X		Other - South	Crossing, No Signal or Marked Crossing		X		
	2017	16-Jul	6:01 PM	X		Going Straight Ahead – South	Unknown				Traffic Control Devices Disregarded
	2017	26-Nov	8:15 AM	X		Going Straight Ahead – West	Unknown				Fell Asleep
	2018	22-Jan	6:16 AM	X		Going Straight Ahead – Southeast	Crossing with signal			X	
	2018	13-Feb	10:50 AM			Going Straight Ahead – East	Unknown		X	X	
	2018	24-Mar	6:10 AM	X		Going Straight Ahead – West	Working in roadway				
	2018	18-Jul	12:08 AM	X		Making Left Turn – West	Crossing with signal	X			Traffic Control Devices Disregarded
	2018	13-Nov	5:23 PM	X		Making Left Turn – East	Crossing with signal	X			
	2018	24-Nov	4:54 PM	X		Making Left Turn – South	Crossing with signal	X			Oversized Vehicle
	2019	23-Jan	11:09 PM	X		Making Left Turn – South	Crossing with signal	X			
	2019	29-Jan	7:20 PM	X		Making Right Turn – East	Crossing with signal	X			Failure To Yield Right Of Way
	2019	23-Jun	3:20 PM	X		Backing - East	Crossing with signal				Backing Unsafely
2019	6-Oct	6:16 PM	X		Making Left Turn – Southwest	Crossing with signal	X			Aggressive Driving/Road Rage	
11 AVENUE / WEST 42 STREET	2017	12-Mar	7:30 PM	X		Slowing or Stopping – North	Emerging from in front of/ behind parked vehicle				
	2017	24-Mar	6:38 PM	X		Going Straight Ahead – West	Unknown		X		Failure To Yield Right Of Way
	2017	16-Jun	9:30 AM	X		Making Left Turn – South	Working in roadway	X			Failure To Yield Right Of Way
	2018	27-Apr	1:55 PM	X		Going Straight Ahead – East	Crossing with signal		X	X	Unsafe Lane Changing
	2018	3-Jun	2:14 AM	X		Going Straight Ahead – West	Crossing against signal		X		
	2018	13-Jul	2:50 PM	X		Going Straight Ahead – East	Unknown				
	2018	25-Aug	5:00 PM	X		Starting from Parking – West	Unknown			X	
	2018	14-Sep	2:45 PM	X		Making Left Turn – East	Crossing, No Signal, Marked Crossing	X		X	Failure To Yield Right Of Way
	2019	25-Feb	1:00 AM	X		Unknown - Unknown	Other Actions in roadway				
	2019	12-Apr	7:52 PM	X		Making Left Turn – East	Unknown	X	X		
2019	17-Aug	9:00 AM	X		Making Left Turn – Southeast	Crossing with signal	X		X	Failure To Yield Right Of Way	

Parking

Parking Tables

Table TA-Pk1
No Action Development - Parking Demand
Weekday

Hour	Residential	Office	Local Retail	Destination Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Total
12 AM - 01 AM	1,166	1	0	0	0	0	0	1,167
01 AM - 02 AM	1,168	0	0	0	0	0	0	1,168
02 AM - 03 AM	1,169	0	0	0	0	0	0	1,169
03 AM - 04 AM	1,169	0	0	0	0	0	0	1,169
04 AM - 05 AM	1,167	0	0	0	0	0	0	1,167
05 AM - 06 AM	1,158	2	0	0	0	0	0	1,160
06 AM - 07 AM	1,137	10	1	0	0	0	0	1,148
07 AM - 08 AM	1,086	40	2	0	0	0	0	1,128
08 AM - 09 AM	993	118	2	2	3	1	0	1,119
09 AM - 10 AM	954	241	4	4	3	1	0	1,207
10 AM - 11 AM	938	267	6	6	3	1	1	1,222
11 AM - 12 PM	934	267	6	7	3	1	2	1,220
12 PM - 01 PM	934	262	7	9	3	1	2	1,218
01 PM - 02 PM	938	265	7	10	3	1	2	1,226
02 PM - 03 PM	940	266	8	9	3	1	3	1,230
03 PM - 04 PM	949	260	10	10	3	1	3	1,236
04 PM - 05 PM	959	232	8	9	3	1	4	1,216
05 PM - 06 PM	987	133	8	9	0	0	3	1,140
06 PM - 07 PM	1,024	65	8	7	0	0	3	1,107
07 PM - 08 PM	1,052	34	4	7	0	0	2	1,099
08 PM - 09 PM	1,082	21	4	6	0	0	1	1,114
09 PM - 10 PM	1,113	13	2	0	0	0	0	1,128
10 PM - 11 PM	1,139	7	3	0	0	0	0	1,149
11 PM - 12 AM	1,157	4	1	0	0	0	0	1,162

Table TA-Pk2
No Action Development - Parking Demand
Saturday

Hour	Residential	Office	Local Retail	Destination Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Total
12 AM - 01 AM	1,138	4	0	0	0	0	0	1,142
01 AM - 02 AM	1,148	1	0	0	0	0	0	1,149
02 AM - 03 AM	1,160	0	0	0	0	0	0	1,160
03 AM - 04 AM	1,166	0	0	0	0	0	0	1,166
04 AM - 05 AM	1,169	1	0	0	0	0	0	1,170
05 AM - 06 AM	1,169	2	0	0	0	0	0	1,171
06 AM - 07 AM	1,165	6	0	0	0	0	0	1,171
07 AM - 08 AM	1,149	9	1	1	0	0	0	1,160
08 AM - 09 AM	1,122	19	3	3	0	0	0	1,147
09 AM - 10 AM	1,089	25	5	5	0	0	1	1,125
10 AM - 11 AM	1,063	28	6	7	0	0	2	1,106
11 AM - 12 PM	1,044	29	8	14	0	0	3	1,098
12 PM - 01 PM	1,029	29	8	15	0	0	3	1,084
01 PM - 02 PM	1,025	28	8	16	0	0	3	1,080
02 PM - 03 PM	1,028	27	8	18	0	0	3	1,084
03 PM - 04 PM	1,028	23	8	19	0	0	3	1,081
04 PM - 05 PM	1,041	20	8	18	0	0	3	1,090
05 PM - 06 PM	1,057	15	8	18	0	0	2	1,100
06 PM - 07 PM	1,071	13	6	16	0	0	1	1,107
07 PM - 08 PM	1,080	13	4	11	0	0	0	1,108
08 PM - 09 PM	1,093	11	4	6	0	0	0	1,114
09 PM - 10 PM	1,109	11	2	0	0	0	0	1,122
10 PM - 11 PM	1,118	10	1	0	0	0	0	1,129
11 PM - 12 AM	1,126	8	1	0	0	0	0	1,135

Table TA-Pk3
Proposed Project - Parking Demand
Weekday

Hour	Residential	Office	Local Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Hotel	Gaming Resort					Total
								Patrons	Employees	Retail	F&B	Ballroom	
12 AM - 01 AM	316	1	0	0	0	0	48	136	19	0	0	0	520
01 AM - 02 AM	316	0	0	0	0	0	48	92	16	0	0	0	472
02 AM - 03 AM	316	0	0	0	0	0	49	45	12	0	0	0	422
03 AM - 04 AM	316	0	0	0	0	0	49	19	5	0	0	0	389
04 AM - 05 AM	315	0	0	0	0	0	49	0	1	0	0	0	365
05 AM - 06 AM	311	2	0	0	0	0	49	0	0	0	0	0	362
06 AM - 07 AM	301	10	0	0	0	0	49	6	1	0	0	0	367
07 AM - 08 AM	279	40	0	0	0	0	46	22	5	0	1	0	393
08 AM - 09 AM	238	118	0	3	1	0	43	43	12	0	2	0	460
09 AM - 10 AM	221	240	1	3	1	0	37	77	16	0	4	0	600
10 AM - 11 AM	214	266	1	3	1	1	33	92	20	1	5	0	637
11 AM - 12 PM	212	266	1	3	1	2	31	109	27	1	8	0	661
12 PM - 01 PM	212	261	1	3	1	2	30	147	30	1	19	0	707
01 PM - 02 PM	213	264	1	3	1	2	30	170	31	2	20	0	737
02 PM - 03 PM	214	265	2	3	1	3	30	181	32	1	10	0	742
03 PM - 04 PM	219	259	2	3	1	3	31	182	31	2	11	0	744
04 PM - 05 PM	224	231	2	3	1	4	32	150	28	2	18	88	783
05 PM - 06 PM	237	133	2	0	0	3	34	142	27	2	19	173	772
06 PM - 07 PM	253	65	2	0	0	3	35	146	27	2	21	145	699
07 PM - 08 PM	266	34	1	0	0	2	36	168	27	2	24	112	672
08 PM - 09 PM	279	21	1	0	0	1	37	191	29	2	25	0	586
09 PM - 10 PM	292	13	1	0	0	0	40	212	28	0	17	0	603
10 PM - 11 PM	304	7	1	0	0	0	44	213	26	0	10	0	605
11 PM - 12 AM	312	4	0	0	0	0	46	177	23	0	2	0	564

Table TA-Pk4
Proposed Project - Parking Demand
Saturday

Hour	Residential	Office	Local Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Hotel	Gaming Resort					Total
								Patrons	Employees	Retail	F&B	Ballroom	
12 AM - 01 AM	302	4	0	0	0	0	47	314	26	0	6	0	699
01 AM - 02 AM	306	1	0	0	0	0	48	252	22	0	2	0	631
02 AM - 03 AM	311	0	0	0	0	0	49	188	17	0	0	0	565
03 AM - 04 AM	314	0	0	0	0	0	50	119	8	0	0	0	491
04 AM - 05 AM	316	1	0	0	0	0	50	0	2	0	0	0	369
05 AM - 06 AM	316	2	0	0	0	0	50	0	0	0	0	0	368
06 AM - 07 AM	315	6	0	0	0	0	50	3	2	0	0	0	376
07 AM - 08 AM	308	9	0	0	0	0	50	16	6	0	1	0	390
08 AM - 09 AM	297	19	0	0	0	0	48	43	15	1	2	0	425
09 AM - 10 AM	283	25	1	0	0	1	43	73	20	2	3	0	451
10 AM - 11 AM	272	28	1	0	0	2	40	110	25	3	6	0	487
11 AM - 12 PM	263	29	1	0	0	3	37	149	34	6	13	0	535
12 PM - 01 PM	255	29	1	0	0	3	34	193	38	7	29	0	589
01 PM - 02 PM	253	28	1	0	0	3	34	230	40	8	34	0	631
02 PM - 03 PM	254	27	1	0	0	3	35	261	42	9	38	0	670
03 PM - 04 PM	254	23	1	0	0	3	37	283	41	9	32	0	683
04 PM - 05 PM	260	20	1	0	0	3	37	297	37	8	36	0	699
05 PM - 06 PM	267	15	1	0	0	2	38	297	36	8	47	19	730
06 PM - 07 PM	273	13	1	0	0	1	38	297	36	7	43	86	795
07 PM - 08 PM	276	13	1	0	0	0	38	307	37	4	39	171	886
08 PM - 09 PM	282	11	1	0	0	0	39	336	38	2	44	139	892
09 PM - 10 PM	289	11	0	0	0	0	42	355	38	0	33	112	880
10 PM - 11 PM	293	10	0	0	0	0	45	375	34	0	21	0	778
11 PM - 12 AM	297	8	0	0	0	0	46	365	31	0	12	0	759

Table TA-Pk5
Alternative Scenario - Parking Demand
Weekday

Hour	Residential	Office	Local Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Hotel	Hotel		Total
								F&B	Ballroom	
12 AM - 01 AM	436	5	0	0	0	0	16	0	0	457
01 AM - 02 AM	437	2	0	0	0	0	17	0	0	456
02 AM - 03 AM	437	1	0	0	0	0	19	0	0	457
03 AM - 04 AM	437	0	0	0	0	0	19	0	0	456
04 AM - 05 AM	436	0	0	0	0	0	19	0	0	455
05 AM - 06 AM	431	3	0	0	0	0	19	0	0	453
06 AM - 07 AM	419	17	0	0	0	0	18	0	0	454
07 AM - 08 AM	392	69	0	0	0	0	15	0	0	476
08 AM - 09 AM	343	203	0	3	1	0	12	0	0	562
09 AM - 10 AM	323	412	1	3	1	0	6	1	0	747
10 AM - 11 AM	314	456	2	3	1	1	2	2	0	781
11 AM - 12 PM	312	456	2	3	1	2	1	4	0	781
12 PM - 01 PM	312	447	2	3	1	2	0	9	0	776
01 PM - 02 PM	313	452	2	3	1	2	0	10	0	783
02 PM - 03 PM	314	454	3	3	1	3	0	6	0	784
03 PM - 04 PM	320	444	3	3	1	3	1	7	0	782
04 PM - 05 PM	326	397	3	3	1	4	2	11	254	1,001
05 PM - 06 PM	341	229	3	0	0	3	4	11	511	1,102
06 PM - 07 PM	361	112	3	0	0	3	5	12	416	912
07 PM - 08 PM	377	59	2	0	0	2	6	13	337	796
08 PM - 09 PM	393	38	1	0	0	1	7	13	0	453
09 PM - 10 PM	408	24	1	0	0	0	9	9	0	451
10 PM - 11 PM	422	14	1	0	0	0	12	6	0	455
11 PM - 12 AM	432	9	0	0	0	0	14	2	0	457

Table TA-Pk6
Alternative Scenario - Parking Demand
Saturday

Hour	Residential	Office	Local Retail	PS/IS Staff	Daycare Staff	Art/Cultural (Museum)	Hotel	Hotel		Total
								F&B	Ballroom	
12 AM - 01 AM	420	7	0	0	0	0	17	3	0	447
01 AM - 02 AM	425	2	0	0	0	0	18	1	0	446
02 AM - 03 AM	432	0	0	0	0	0	19	0	0	451
03 AM - 04 AM	435	0	0	0	0	0	20	0	0	455
04 AM - 05 AM	437	3	0	0	0	0	20	0	0	460
05 AM - 06 AM	437	5	0	0	0	0	20	0	0	462
06 AM - 07 AM	436	12	0	0	0	0	20	0	0	468
07 AM - 08 AM	428	17	0	0	0	0	20	0	0	465
08 AM - 09 AM	415	34	1	0	0	0	18	1	0	469
09 AM - 10 AM	398	45	3	0	0	1	13	1	0	461
10 AM - 11 AM	385	49	3	0	0	2	10	2	0	451
11 AM - 12 PM	375	50	3	0	0	3	7	4	0	442
12 PM - 01 PM	365	49	3	0	0	3	4	10	0	434
01 PM - 02 PM	362	47	3	0	0	3	4	12	0	431
02 PM - 03 PM	363	45	3	0	0	3	5	13	0	432
03 PM - 04 PM	363	39	3	0	0	3	7	10	0	425
04 PM - 05 PM	370	34	3	0	0	3	7	11	0	428
05 PM - 06 PM	378	26	3	0	0	2	8	16	59	492
06 PM - 07 PM	385	23	3	0	0	1	8	14	258	692
07 PM - 08 PM	389	22	2	0	0	0	9	12	515	949
08 PM - 09 PM	396	19	2	0	0	0	9	15	416	857
09 PM - 10 PM	405	18	1	0	0	0	12	11	333	780
10 PM - 11 PM	410	17	0	0	0	0	15	7	0	449
11 PM - 12 AM	414	14	0	0	0	0	16	4	0	448