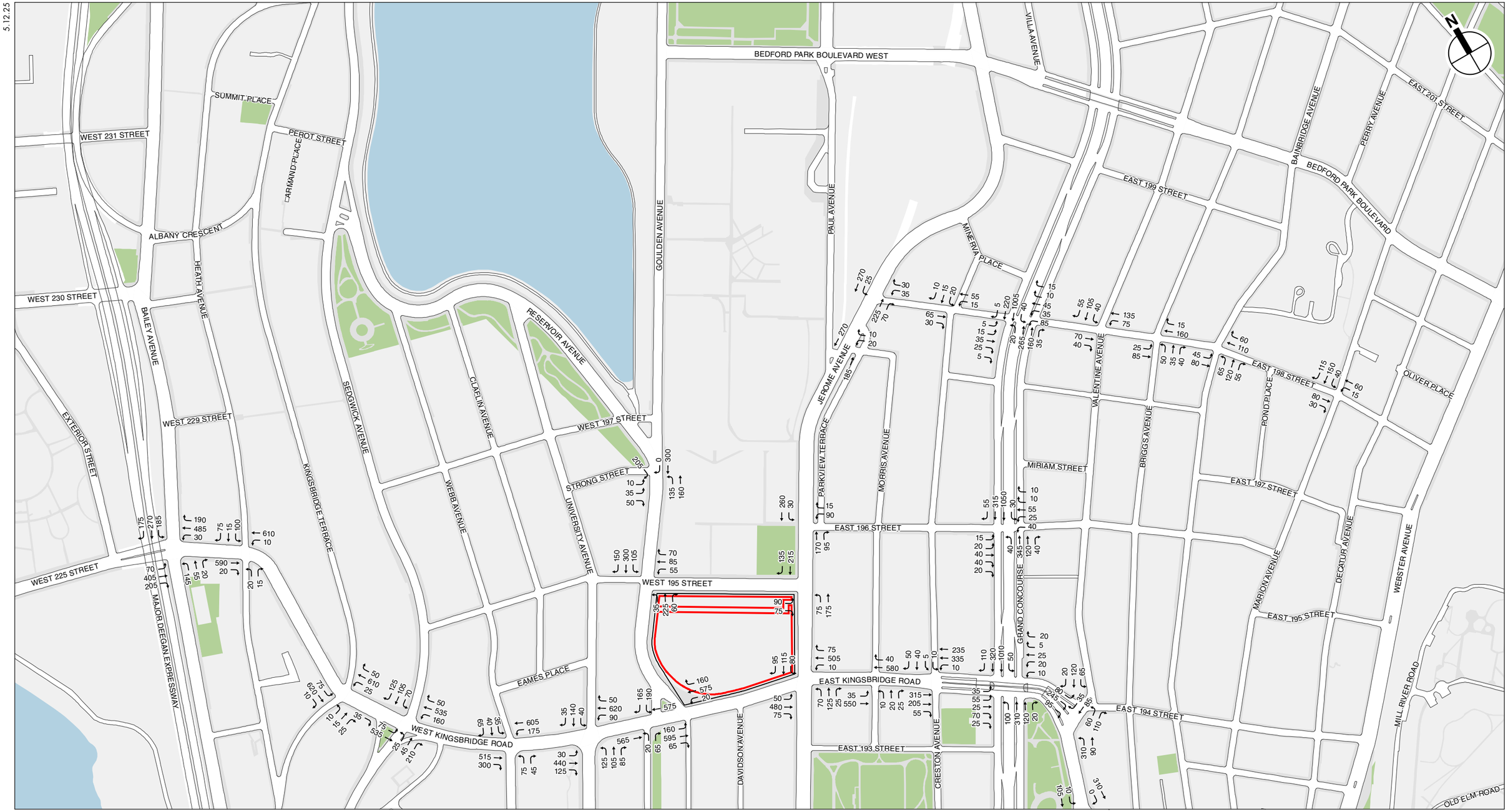
Appendix D
Transportation

Traffic

Traffic Figures

5.12.25



Project Site

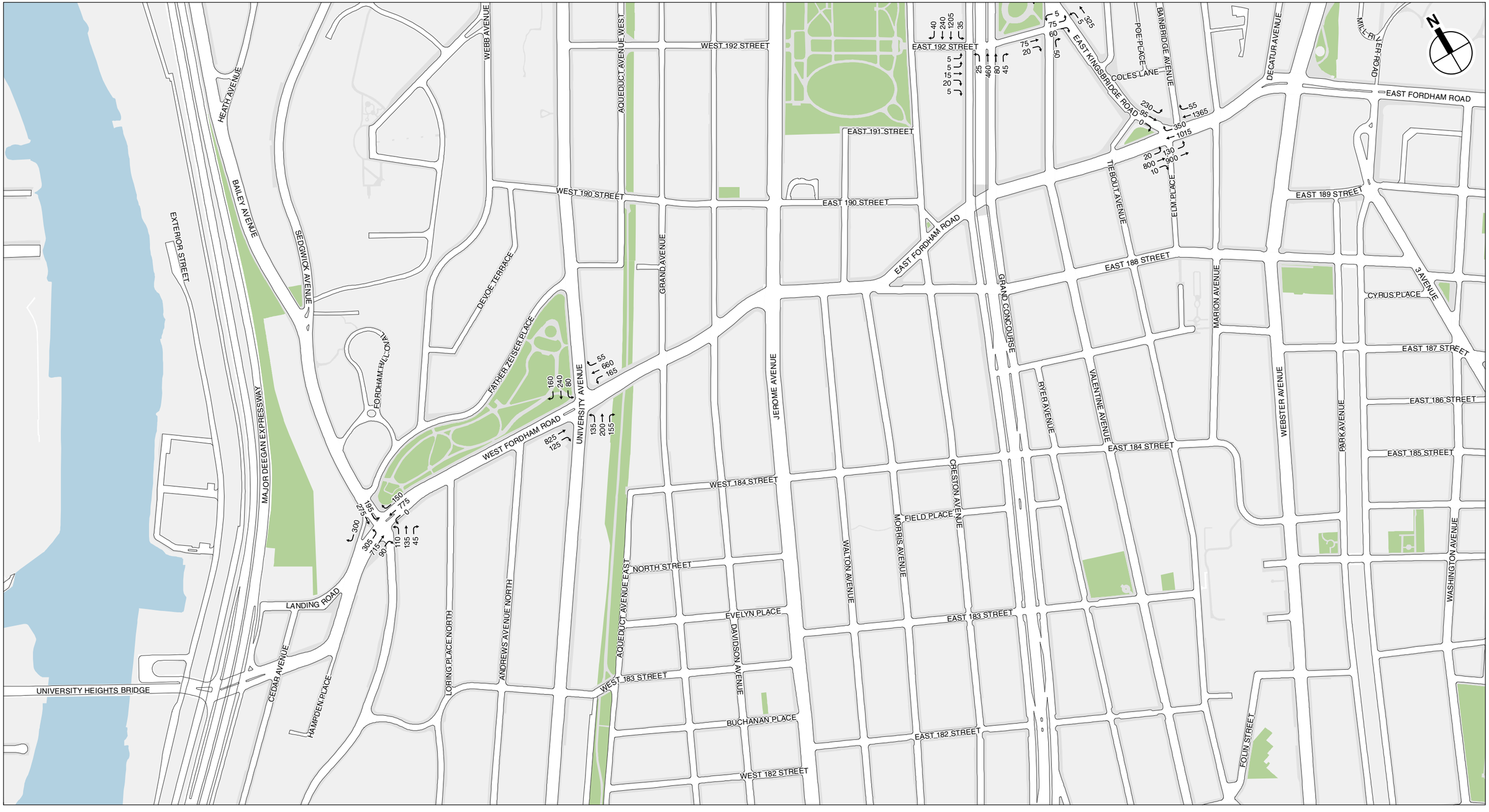
Armory and National Guard Sites

0 500 FEET

Existing Traffic Volumes
Weekday AM Peak Hour
Figure D-1a

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25

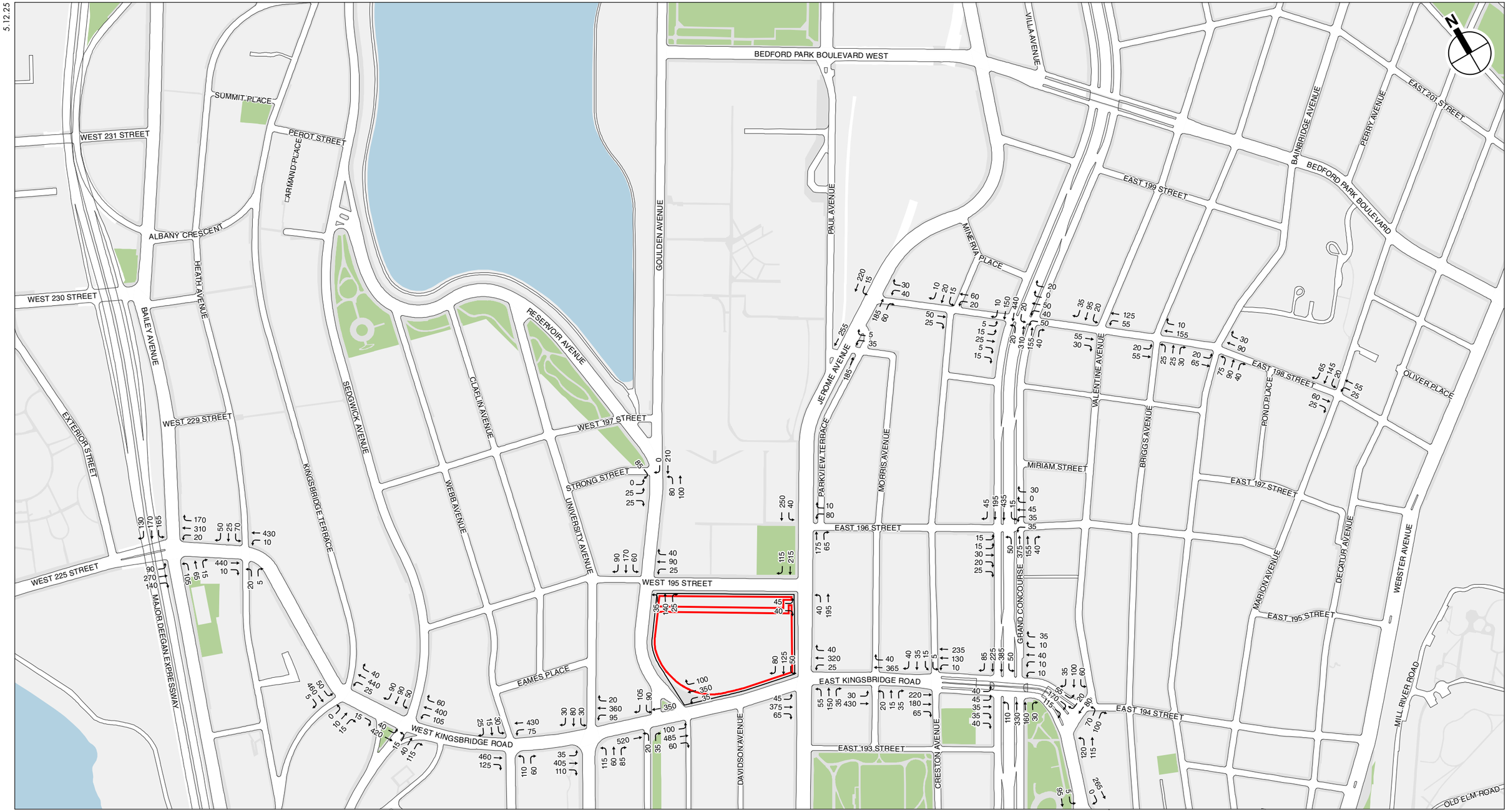


Existing Traffic Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-1b

5.12.25



Project Site

Armory and National Guard Sites

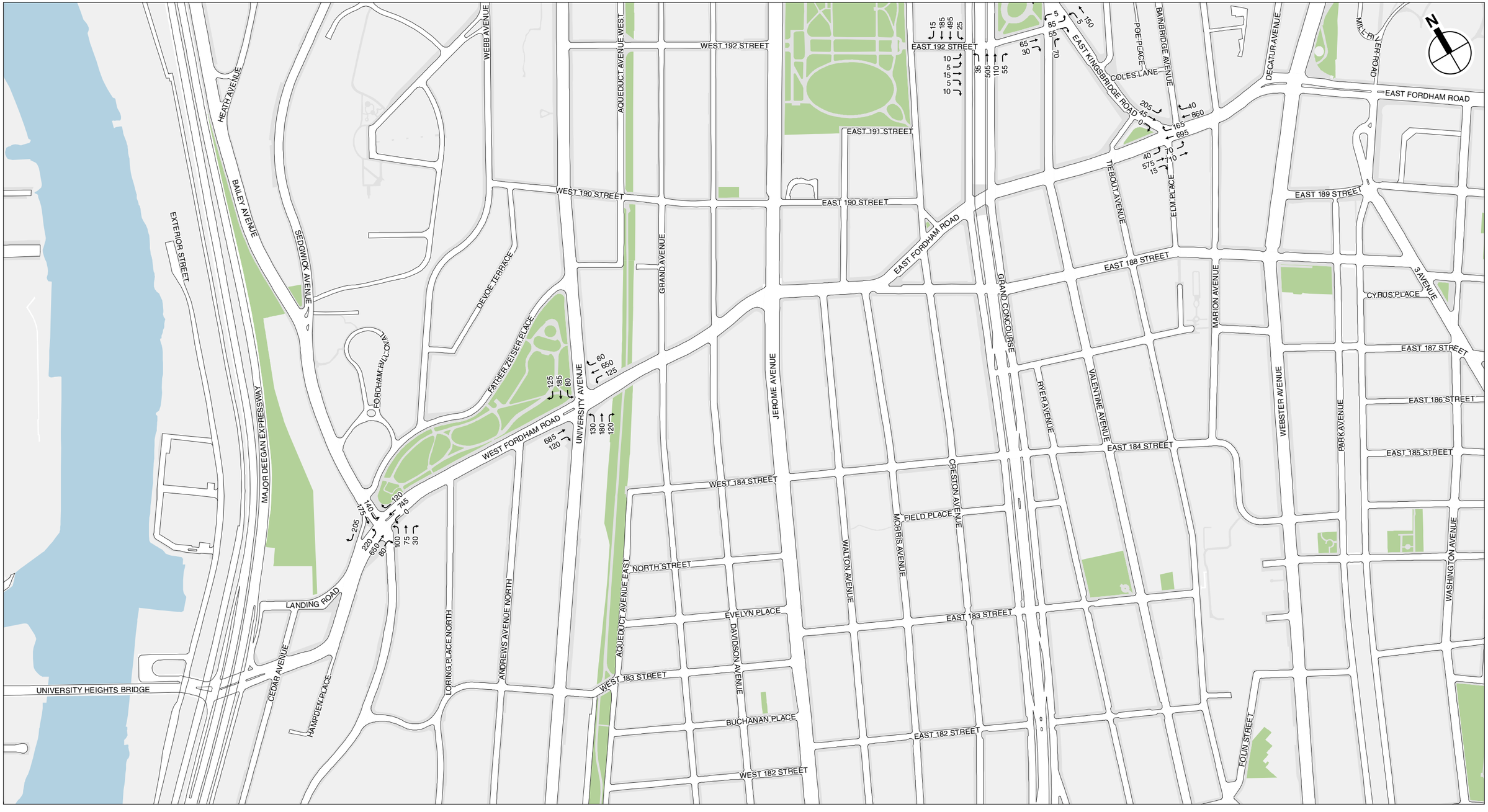
0 500 FEET

Existing Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-2a

5.12.25

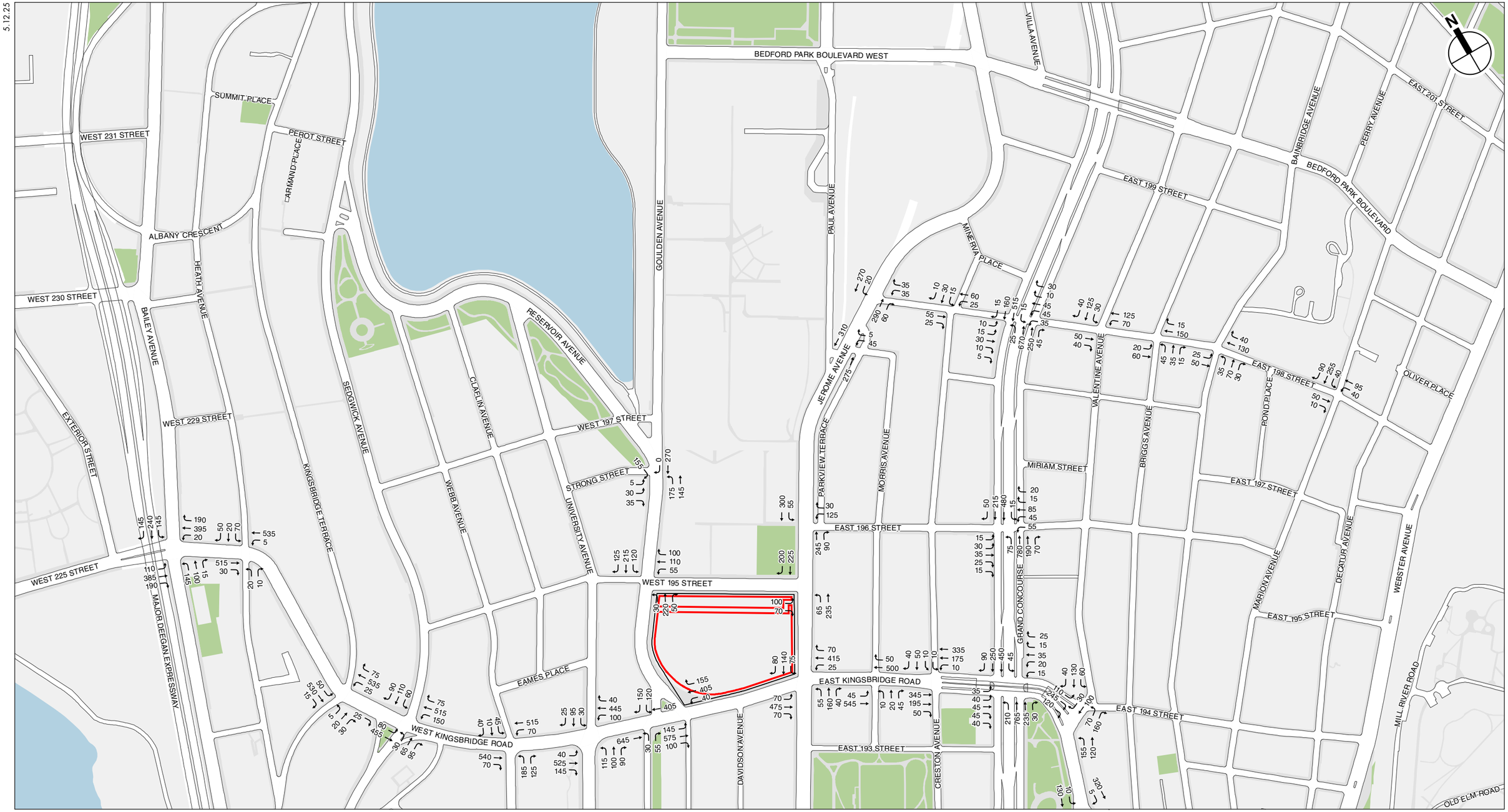


Existing Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-2b

5.12.25



Project Site

Armory and National Guard Sites

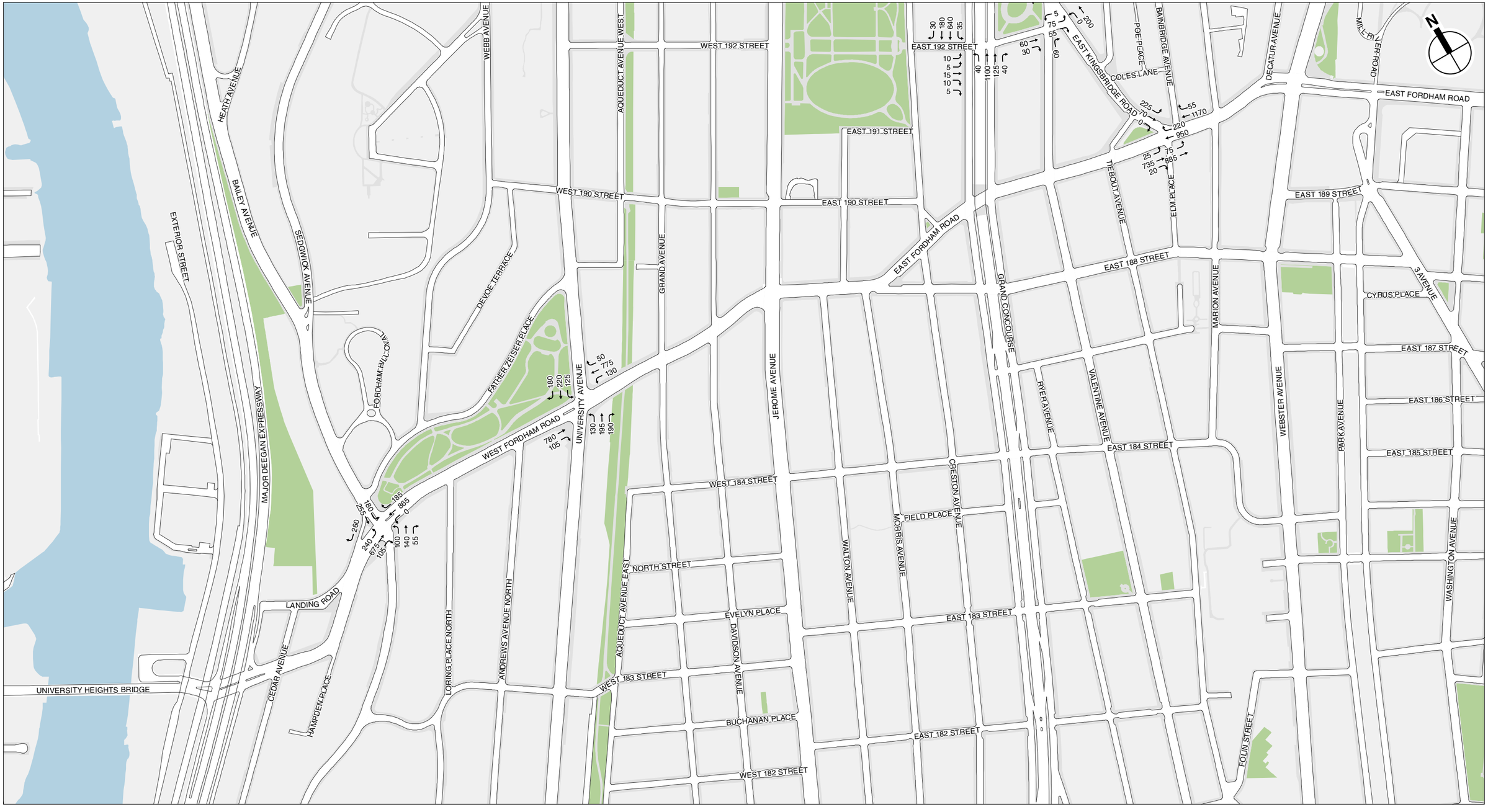
0 500 FEET

Existing Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-3a

5.12.25

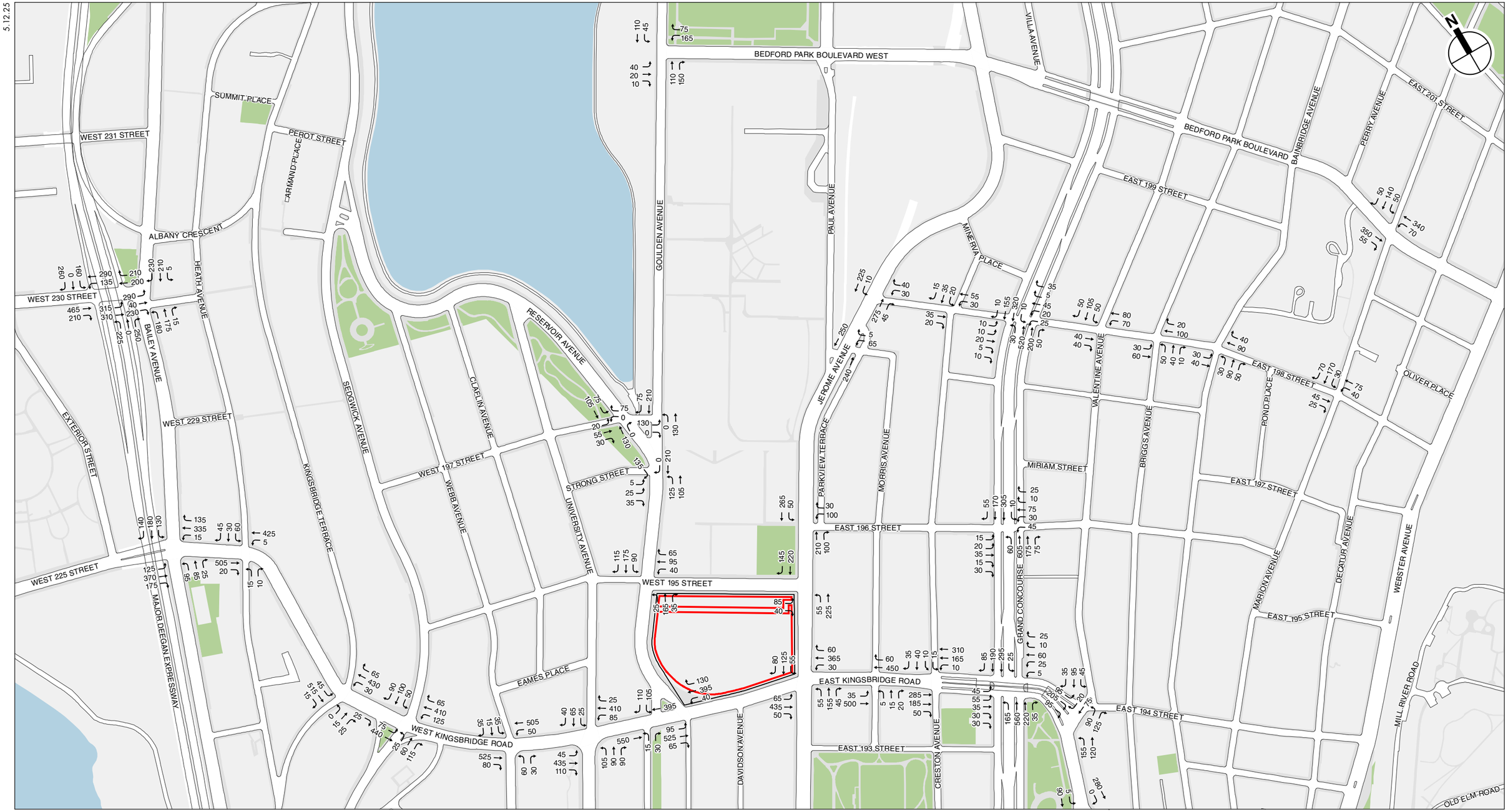


Existing Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-3b

5.12.25



Project Site

Armory and National Guard Sites

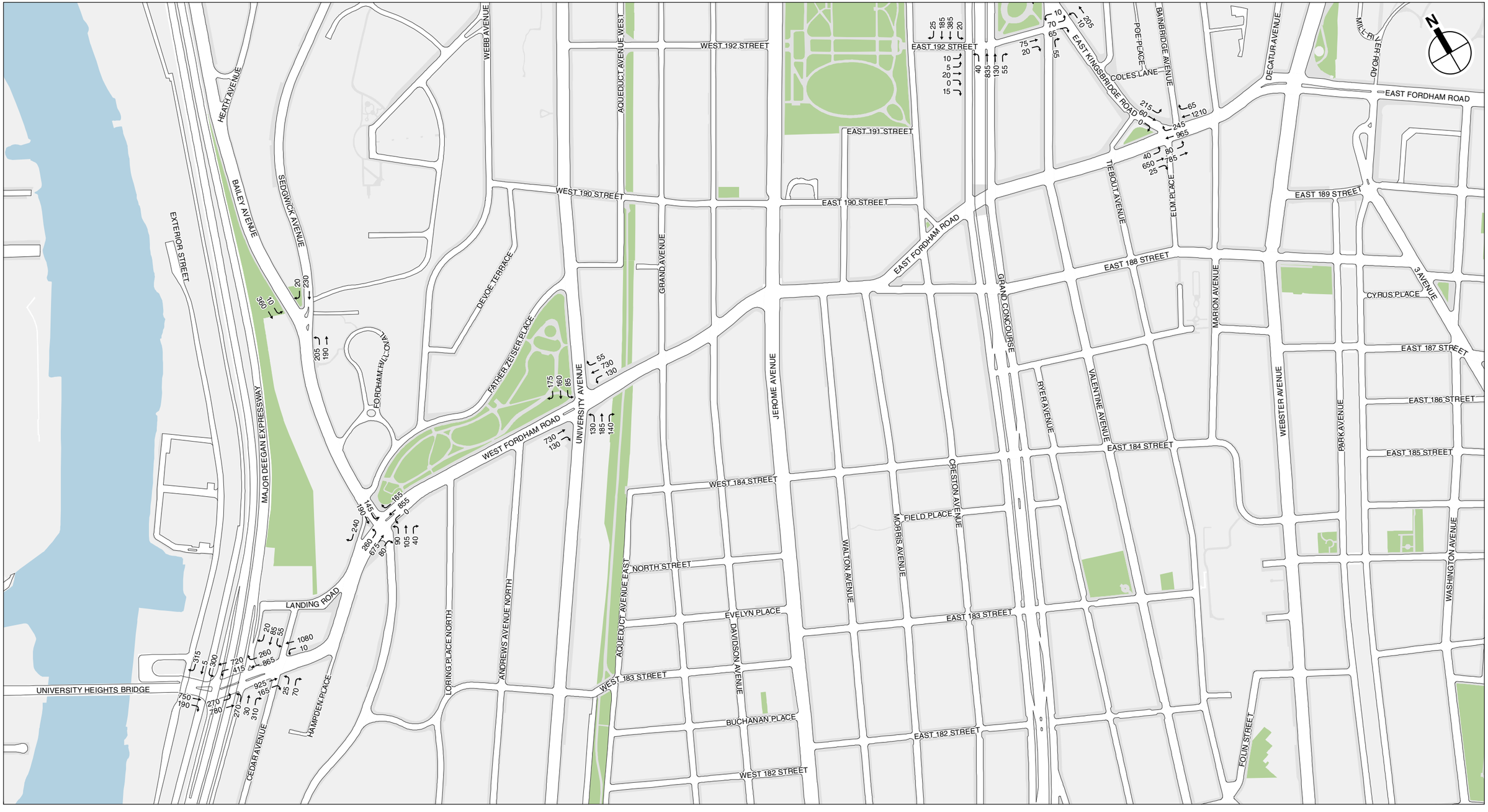
0 500 FEET

Existing Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-4a

5.12.25

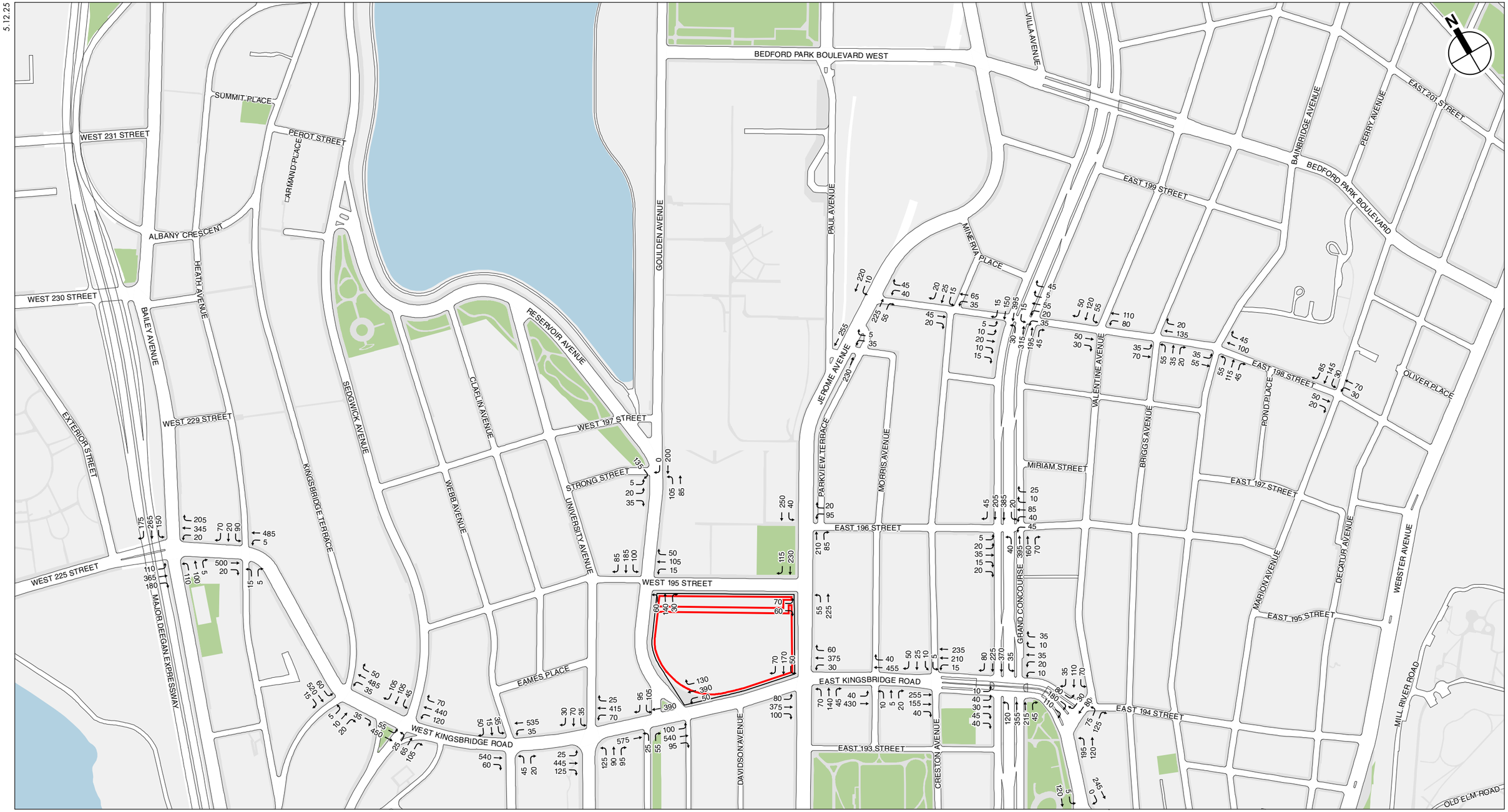


Existing Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-4b

5.12.25



Project Site

Armory and National Guard Sites

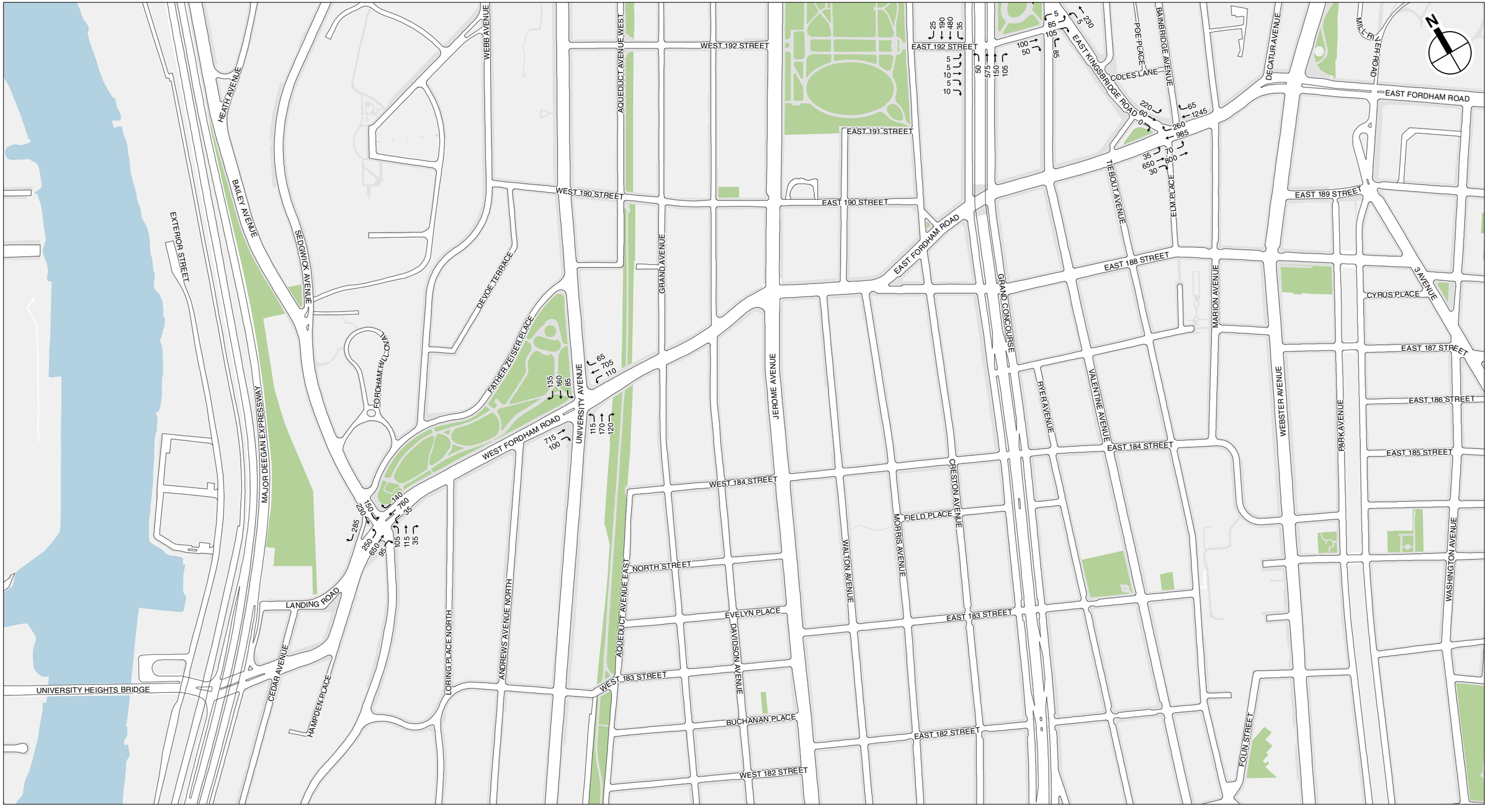
0 500 FEET

Existing Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-5a

5.12.25

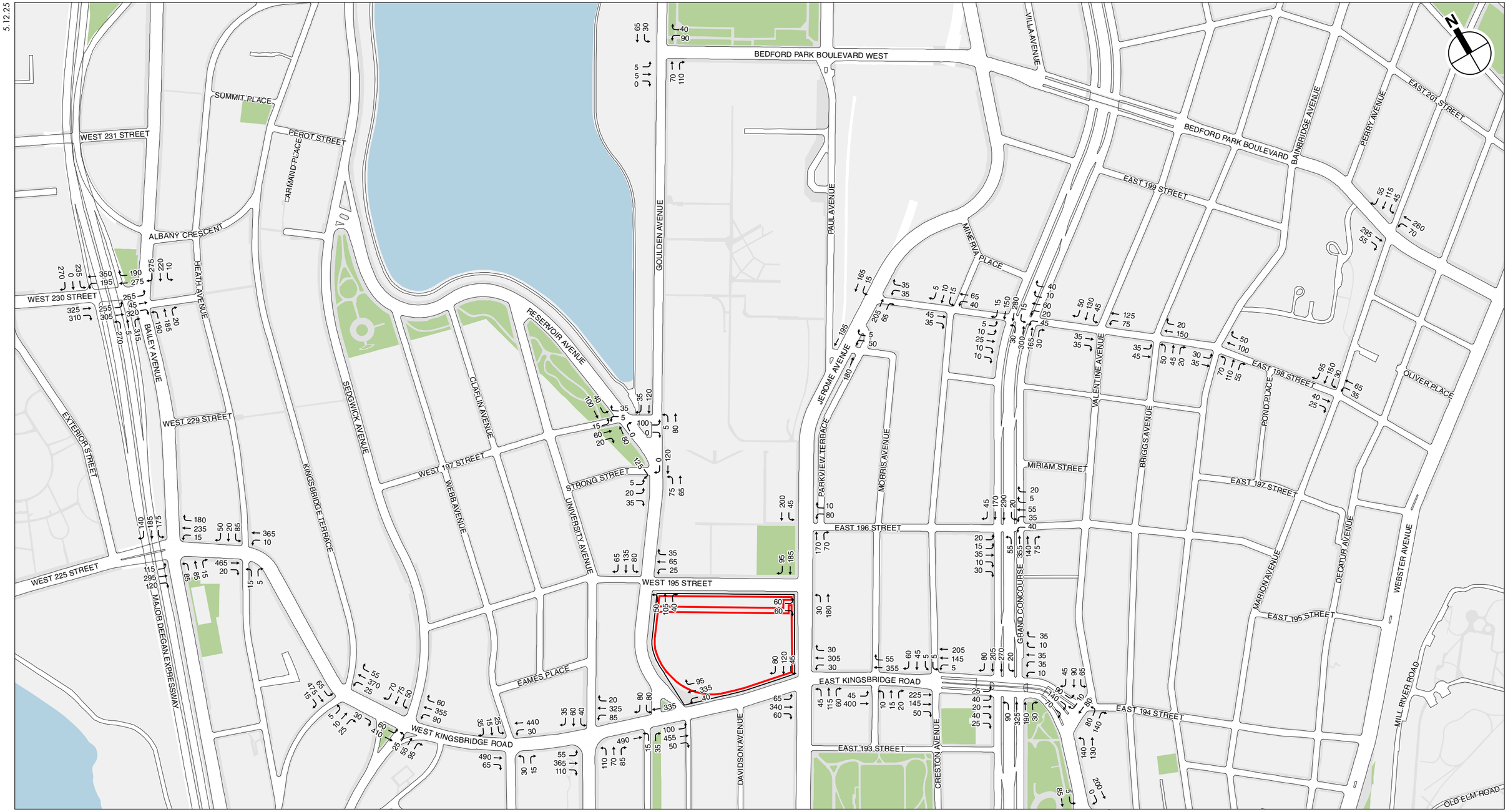


Existing Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-5b

5.12.25



Project Site

Armory and National Guard Sites

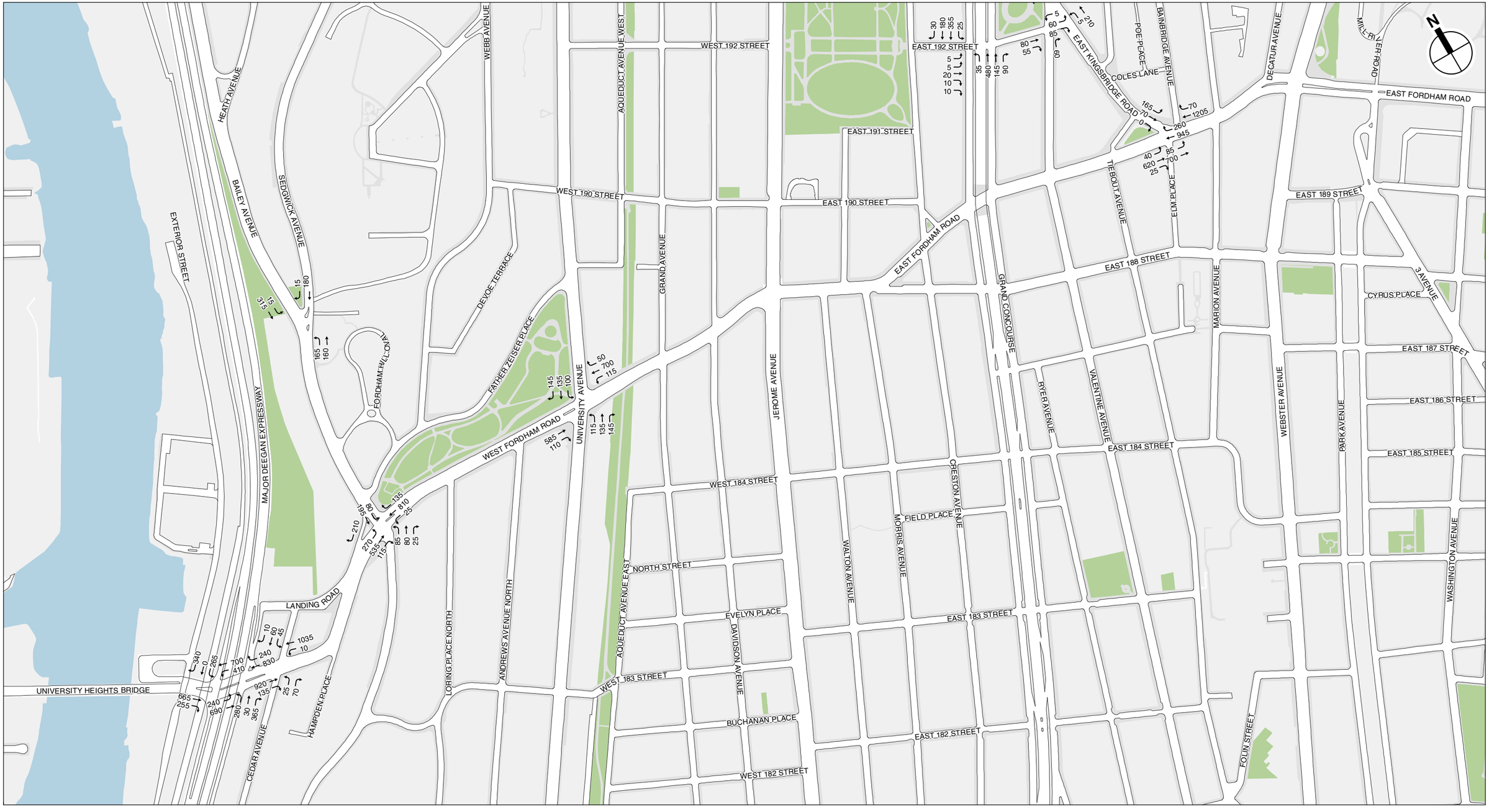
0 500 FEET

Existing Traffic Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-6a

5.12.25



Existing Traffic Volumes
Saturday Evening Peak Hour

Figure D-6b

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25

Project Site

Armory and National Guard Sites

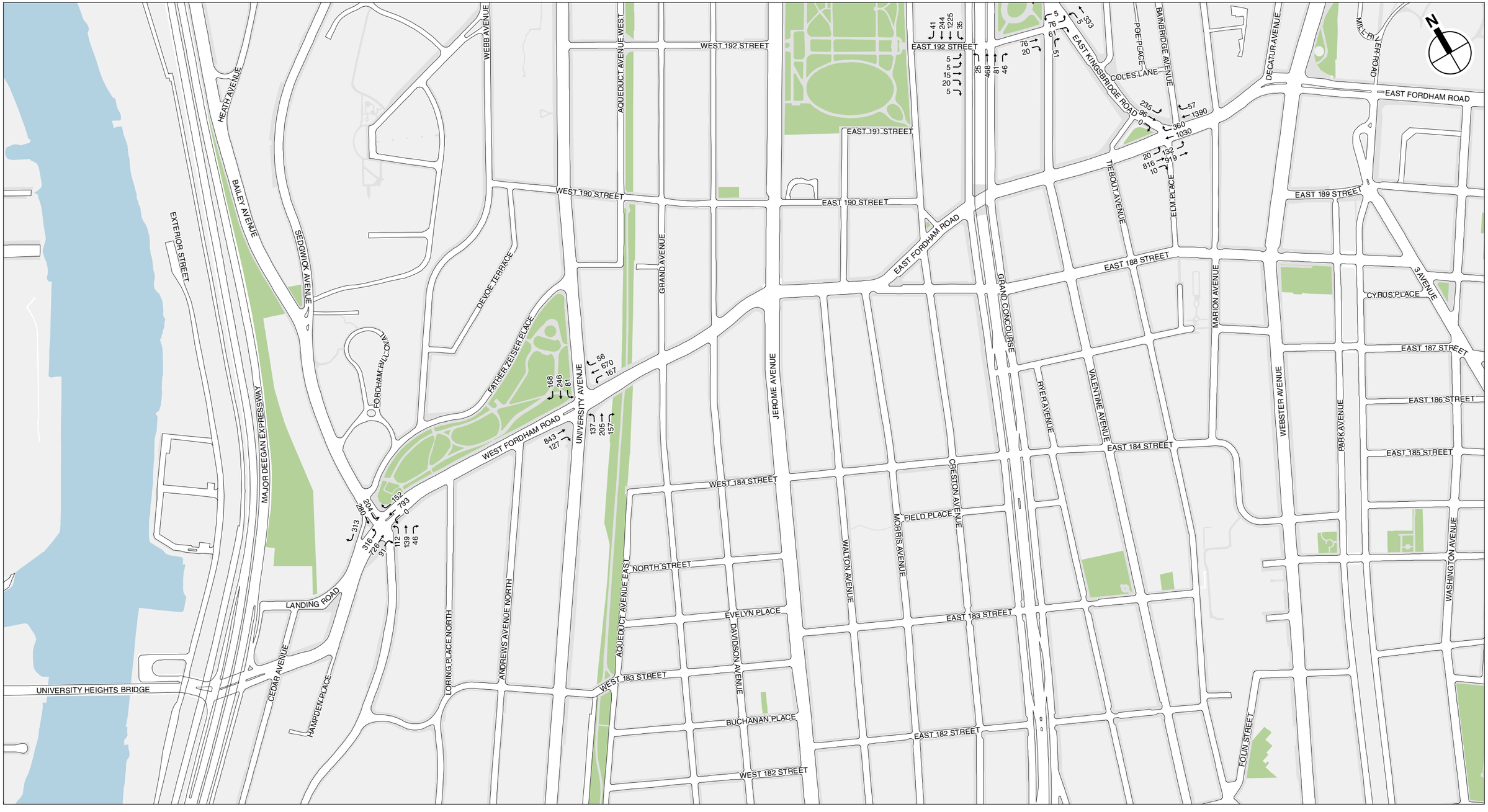
0 500 FEET

2032 No Action Traffic Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-7a

5.12.25

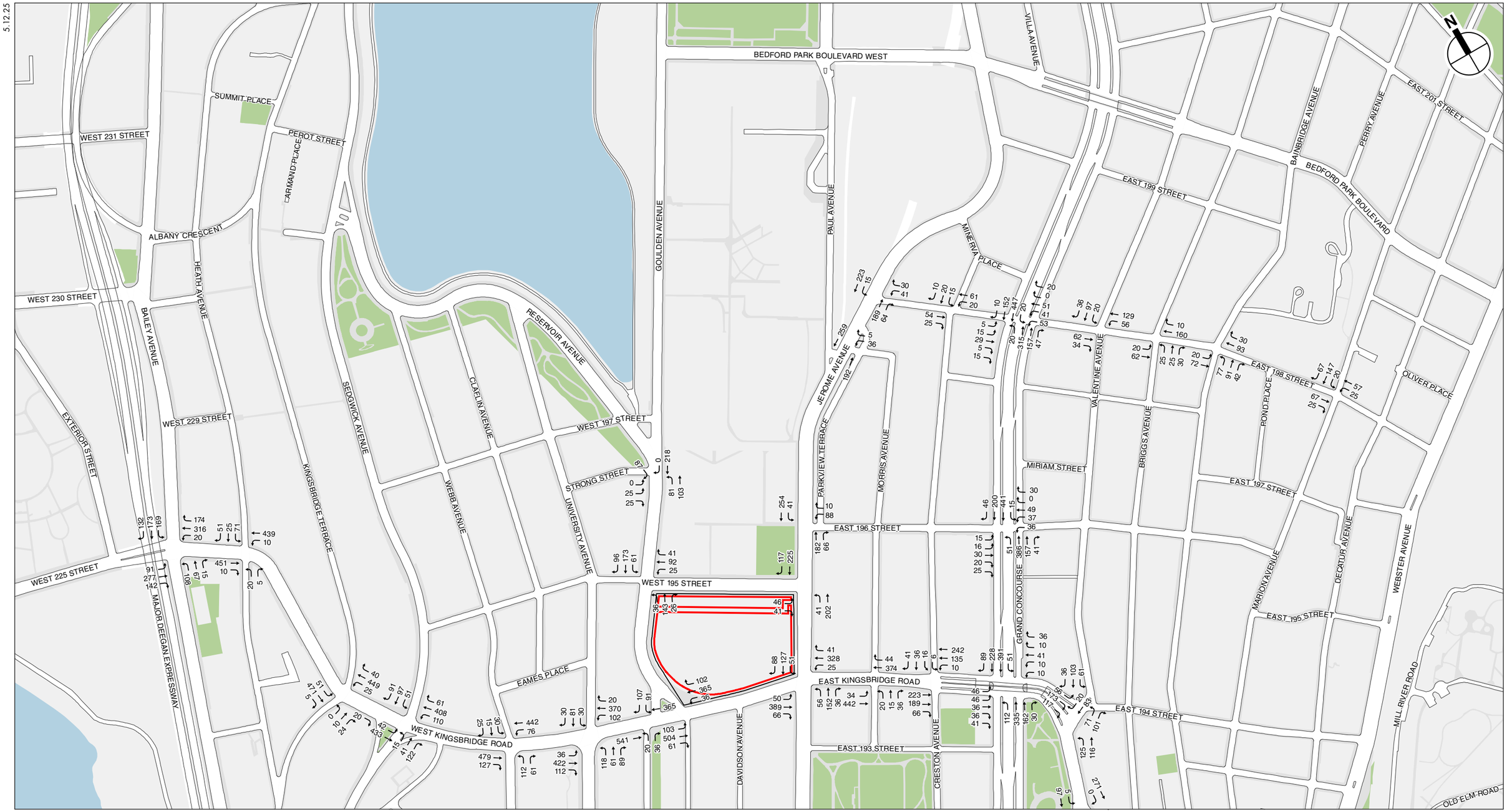


2032 No Action Traffic Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-7b

5.12.25



Project Site

Armory and National Guard Sites

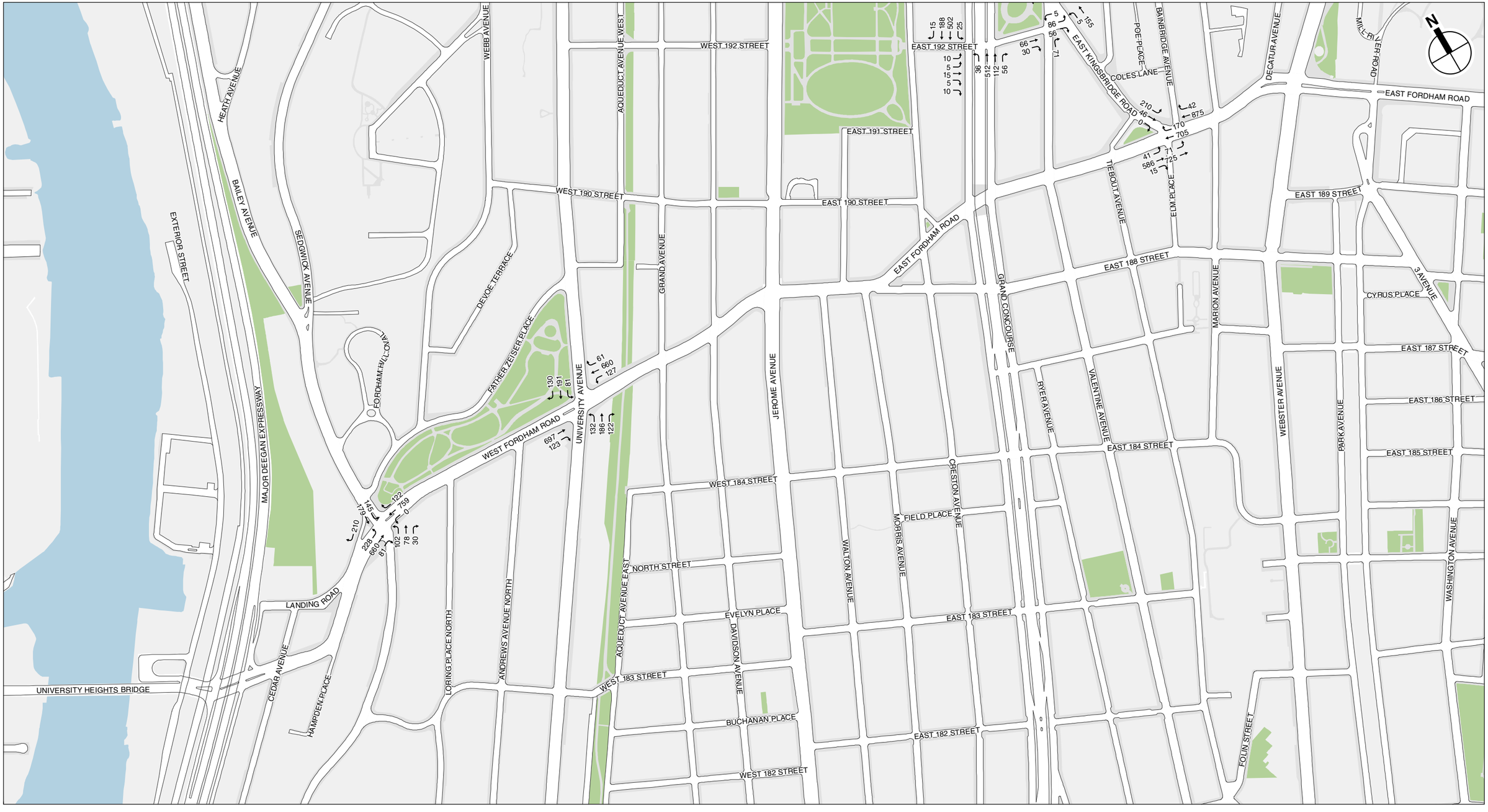
0 500 FEET

2032 No Action Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-8a

5.12.25



2032 No Action Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-8b

5.12.25

Project Site

Armory and National Guard Sites

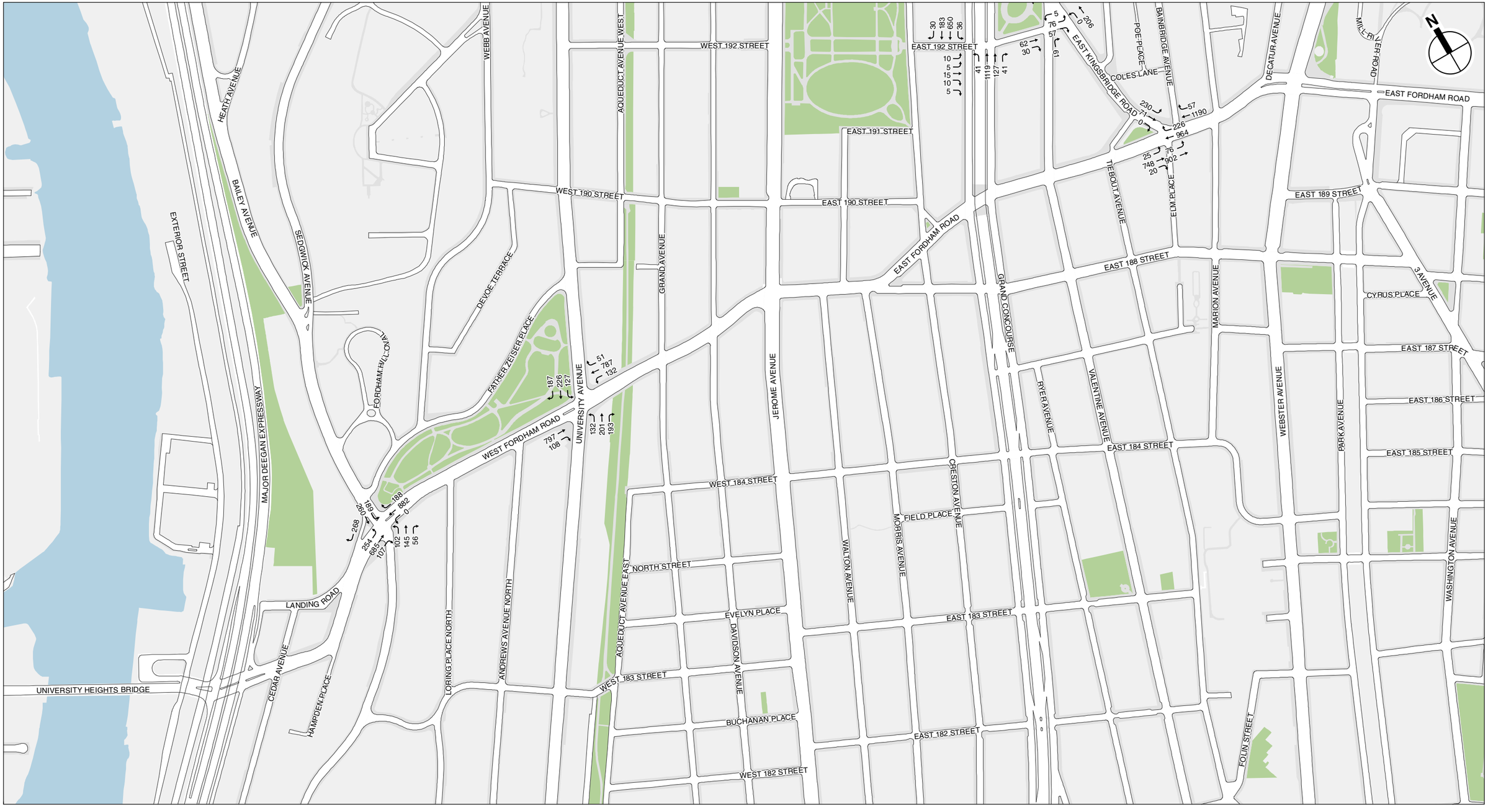
0 500 FEET

2032 No Action Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-9a

5.12.25

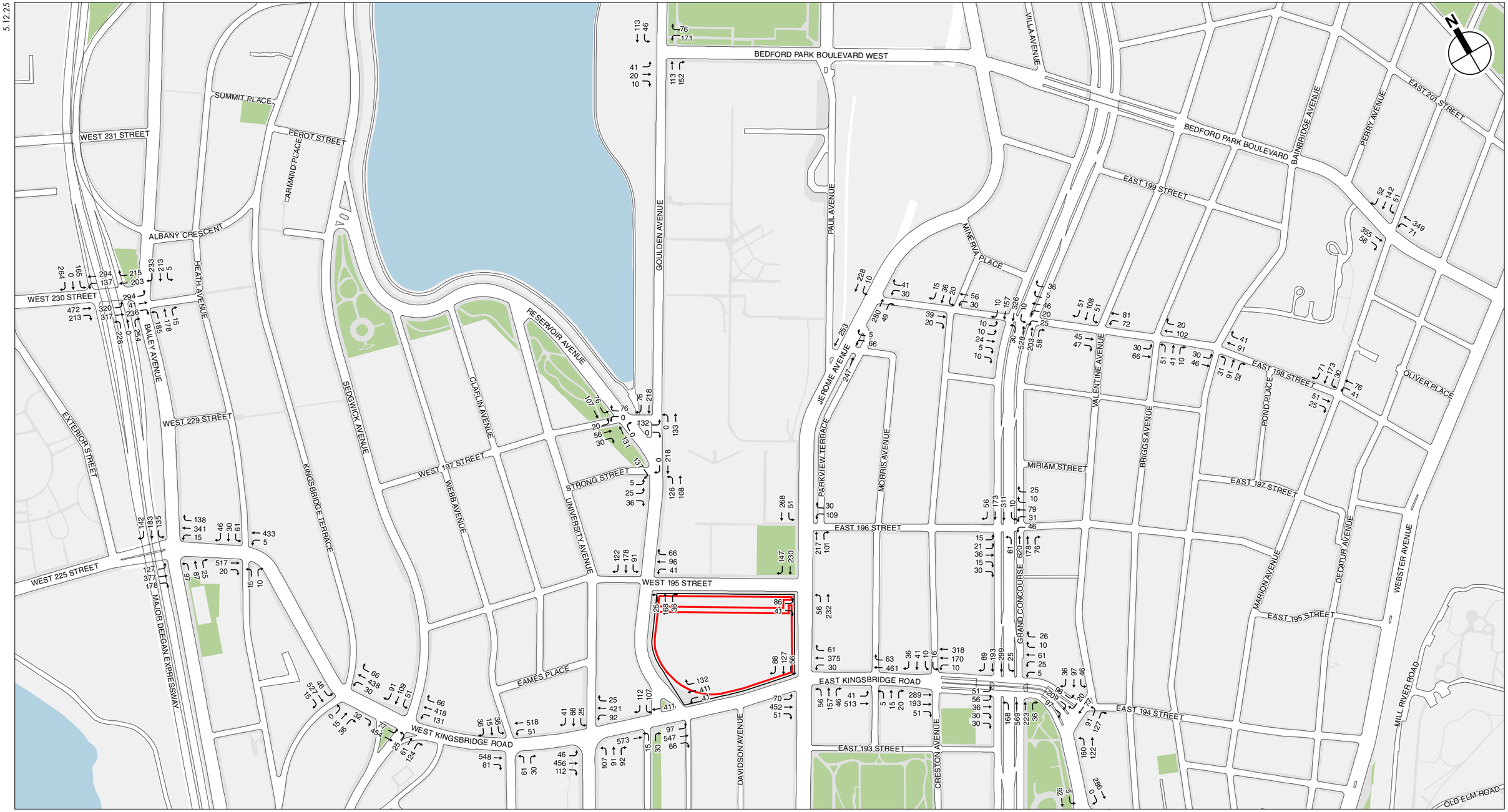


2032 No Action Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-9b

5.12.25



Project Site

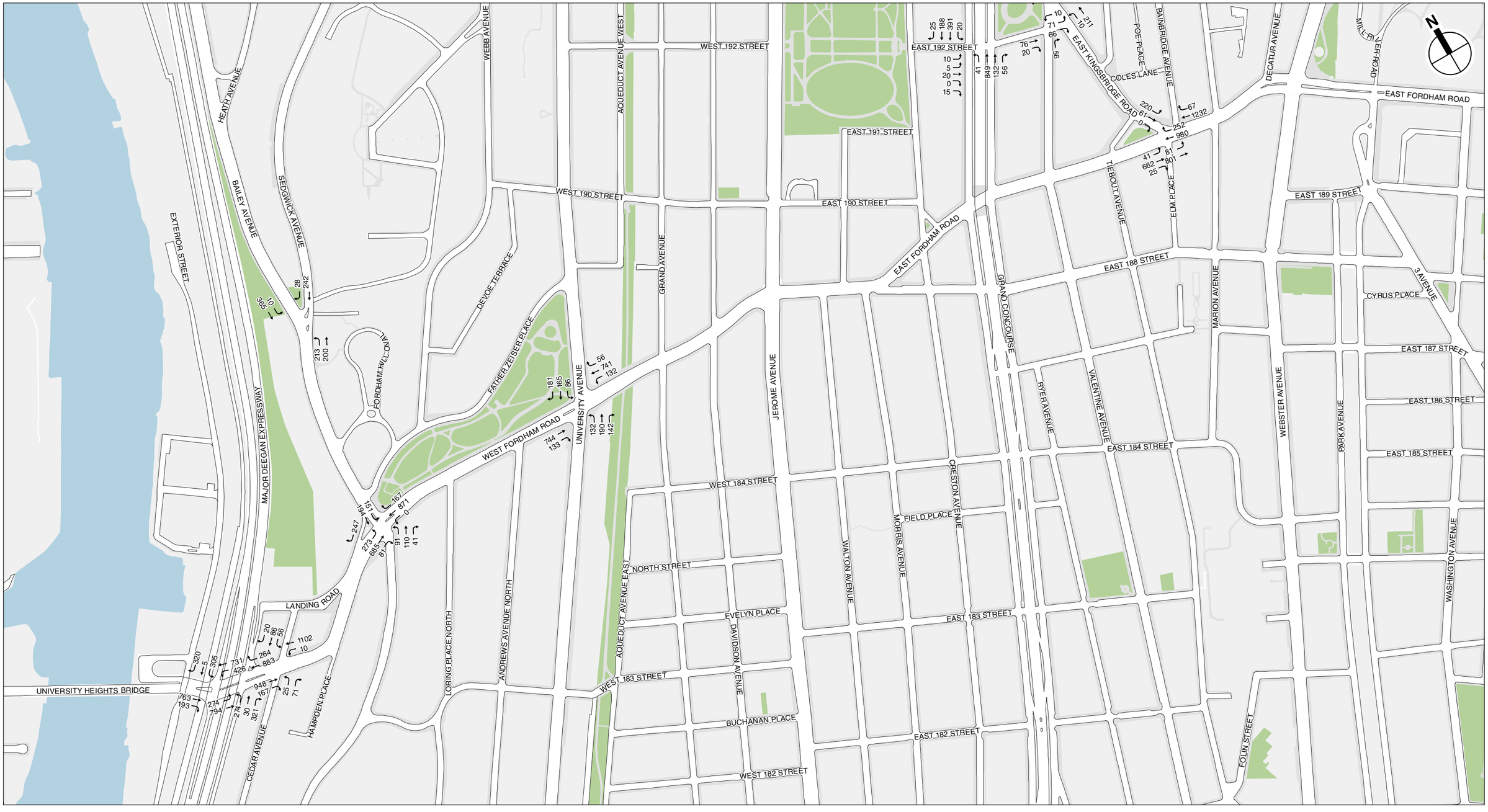
Armory and National Guard Sites

2032 No Action Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-10a

5.12.25



2032 No Action Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-10b

5.12.25

Project Site

Armory and National Guard Sites

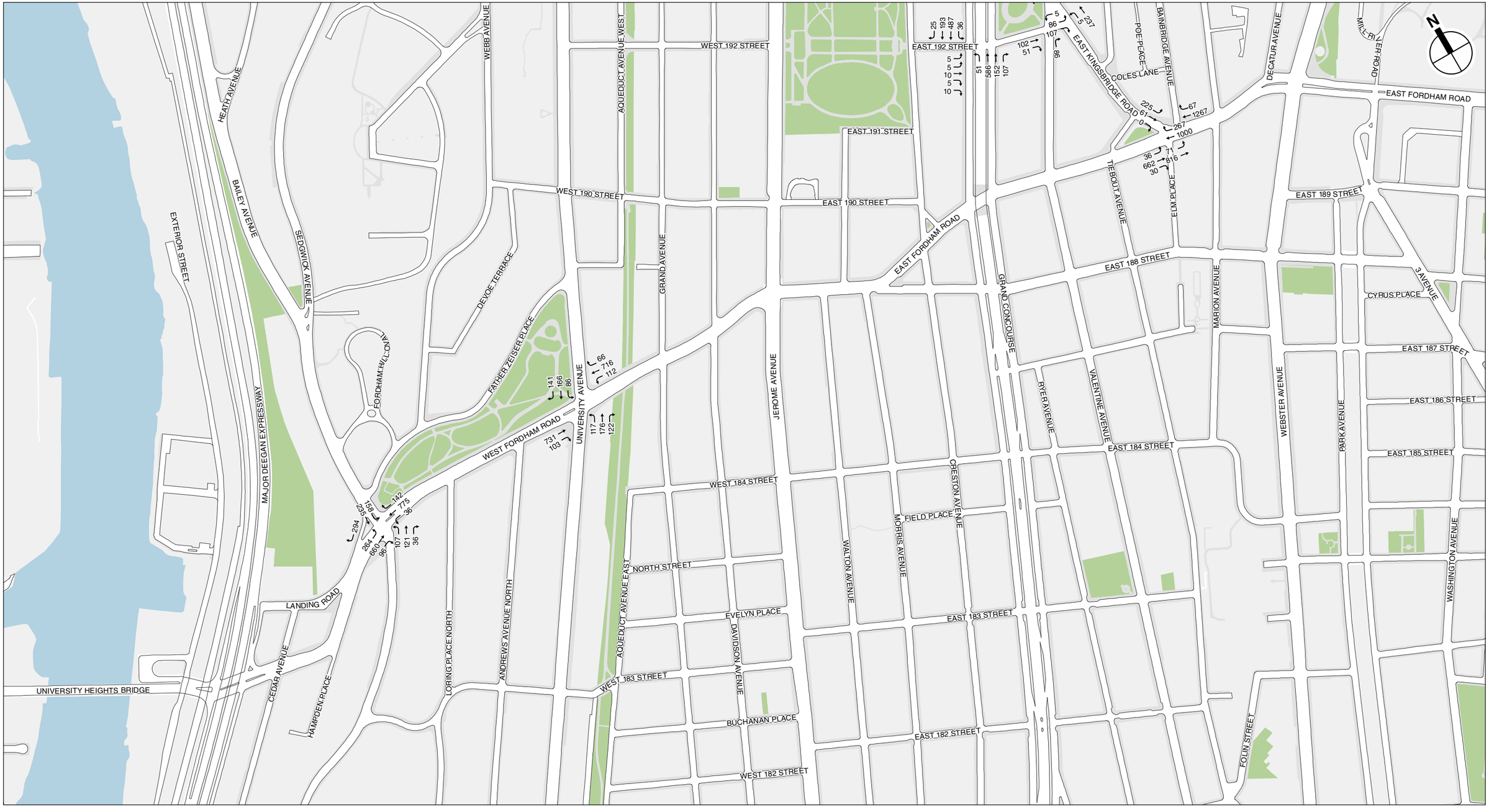
0 500 FEET

2032 No Action Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-11a

5.12.25

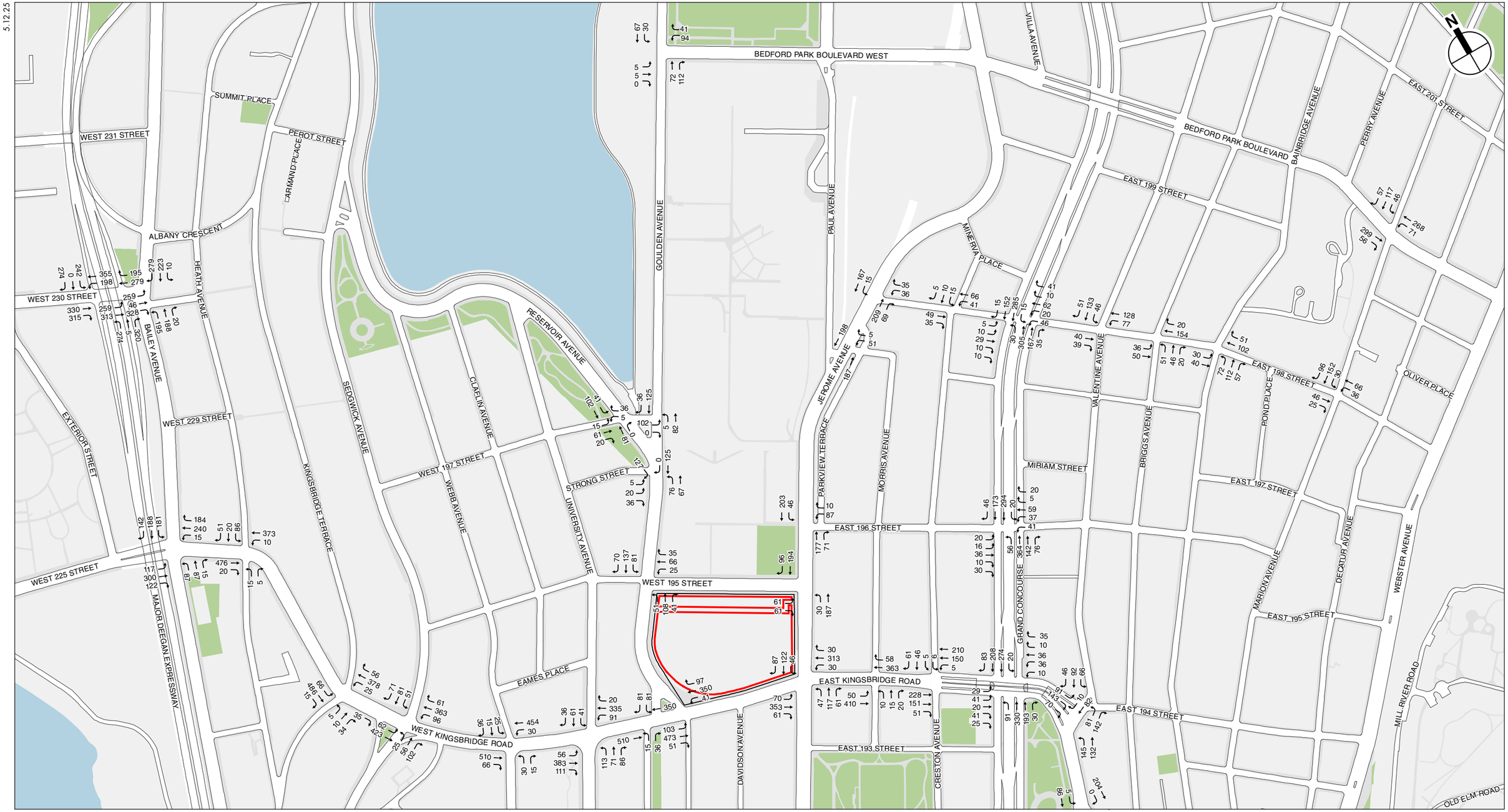


2032 No Action Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-11b

5.12.25



Project Site

Armory and National Guard Sites

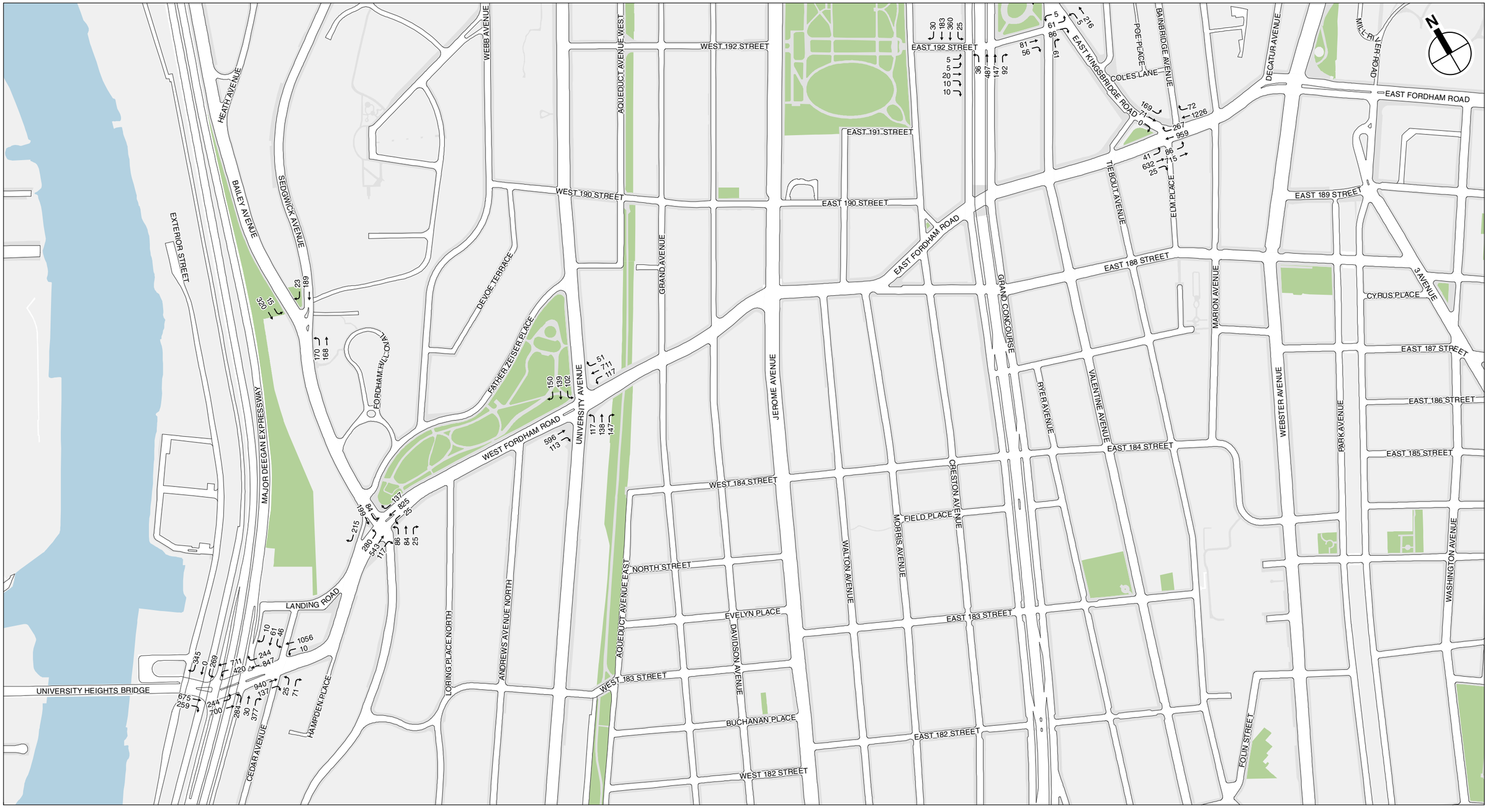
0 500 FEET

2032 No Action Traffic Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-12a

5.12.25

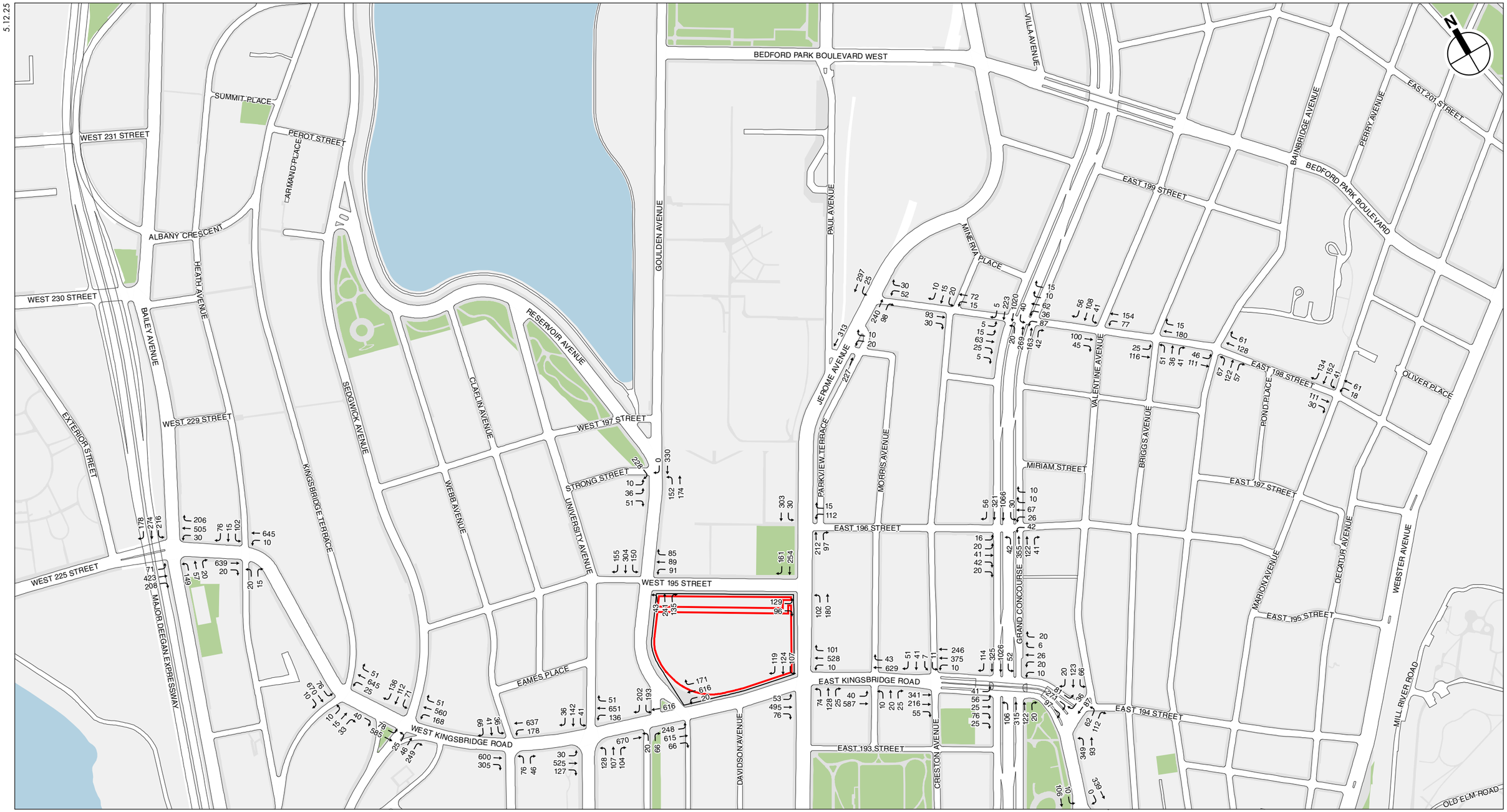


2032 No Action Traffic Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-12b

5.12.25



Project Site

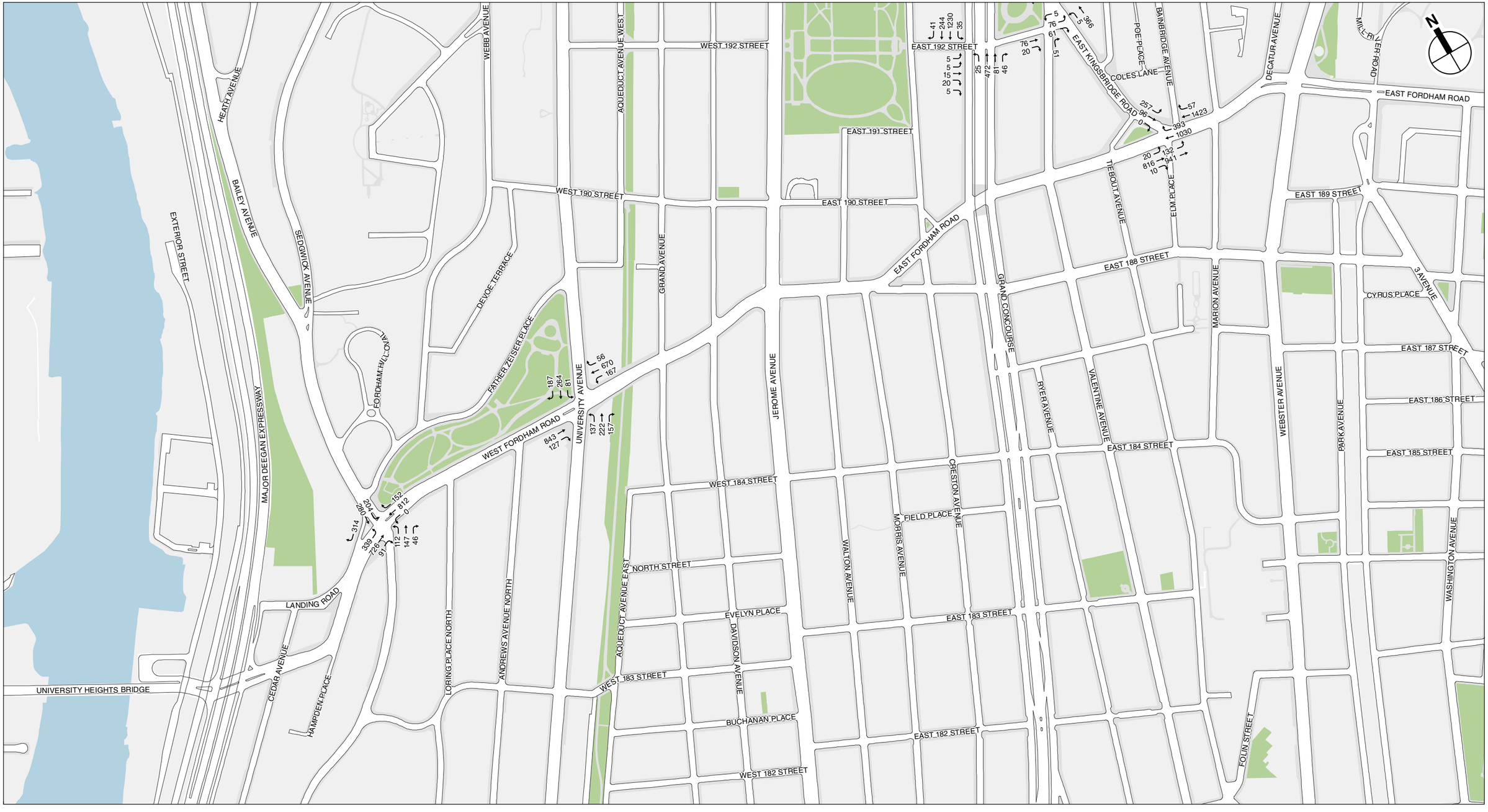
Armory and National Guard Sites

2032 With Action Traffic Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-13a

5.12.25

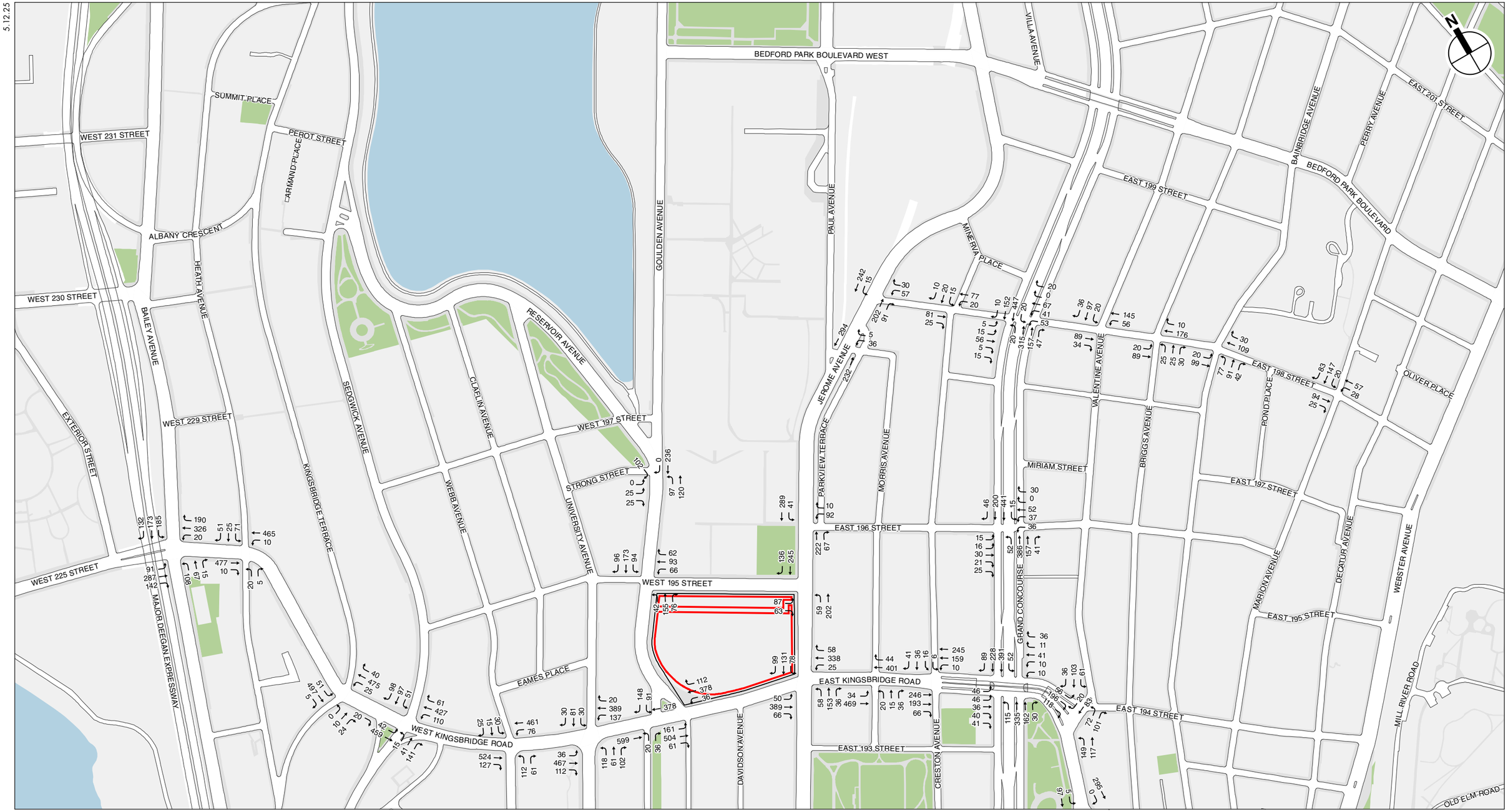


2032 With Action Traffic Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-13b

5.12.25



Project Site

Armory and National Guard Sites

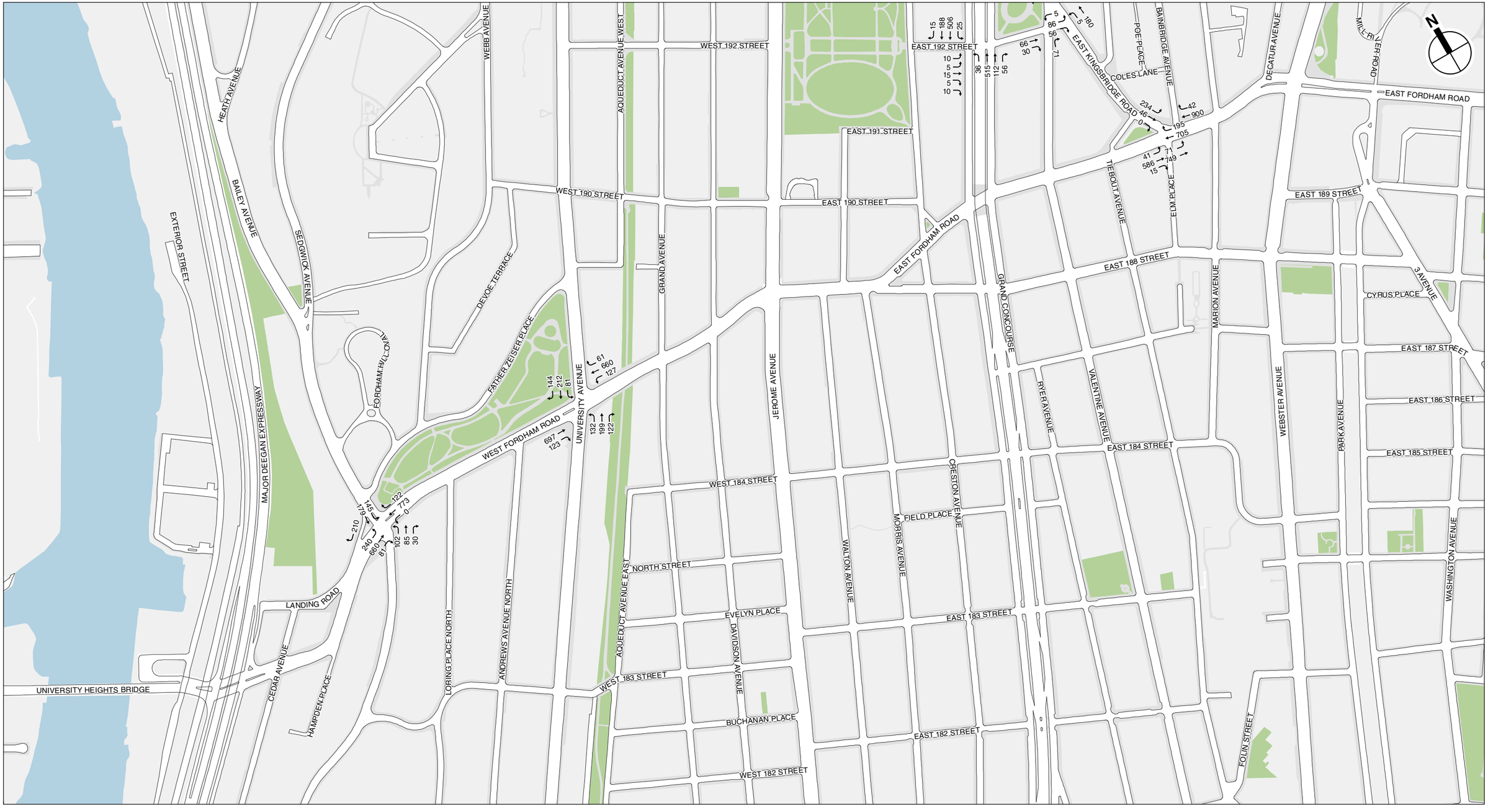
0 500 FEET

2032 With Action Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-14a

5.12.25

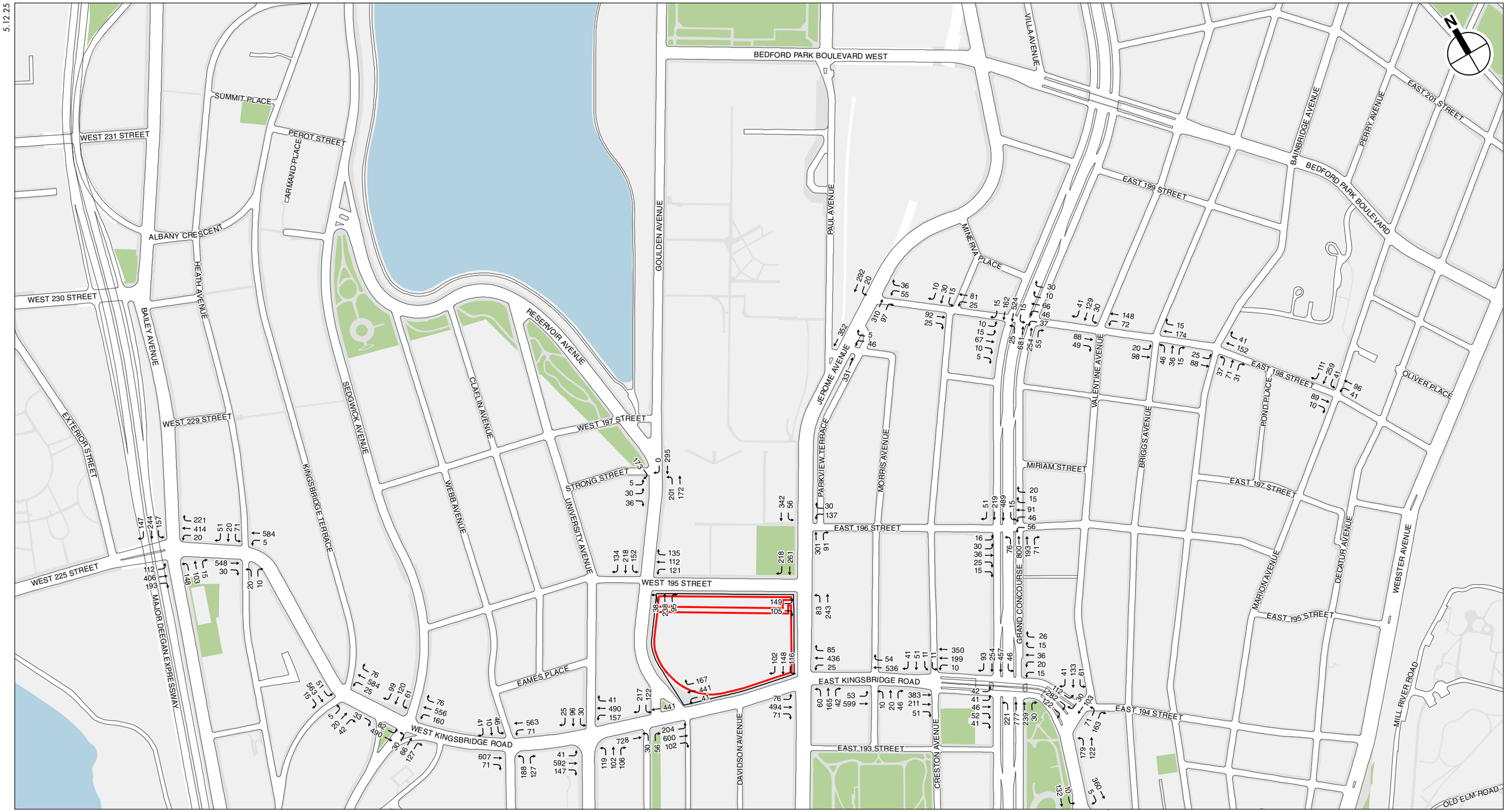


2032 With Action Traffic Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-14b

5.12.25



Project Site

Armory and National Guard Sites

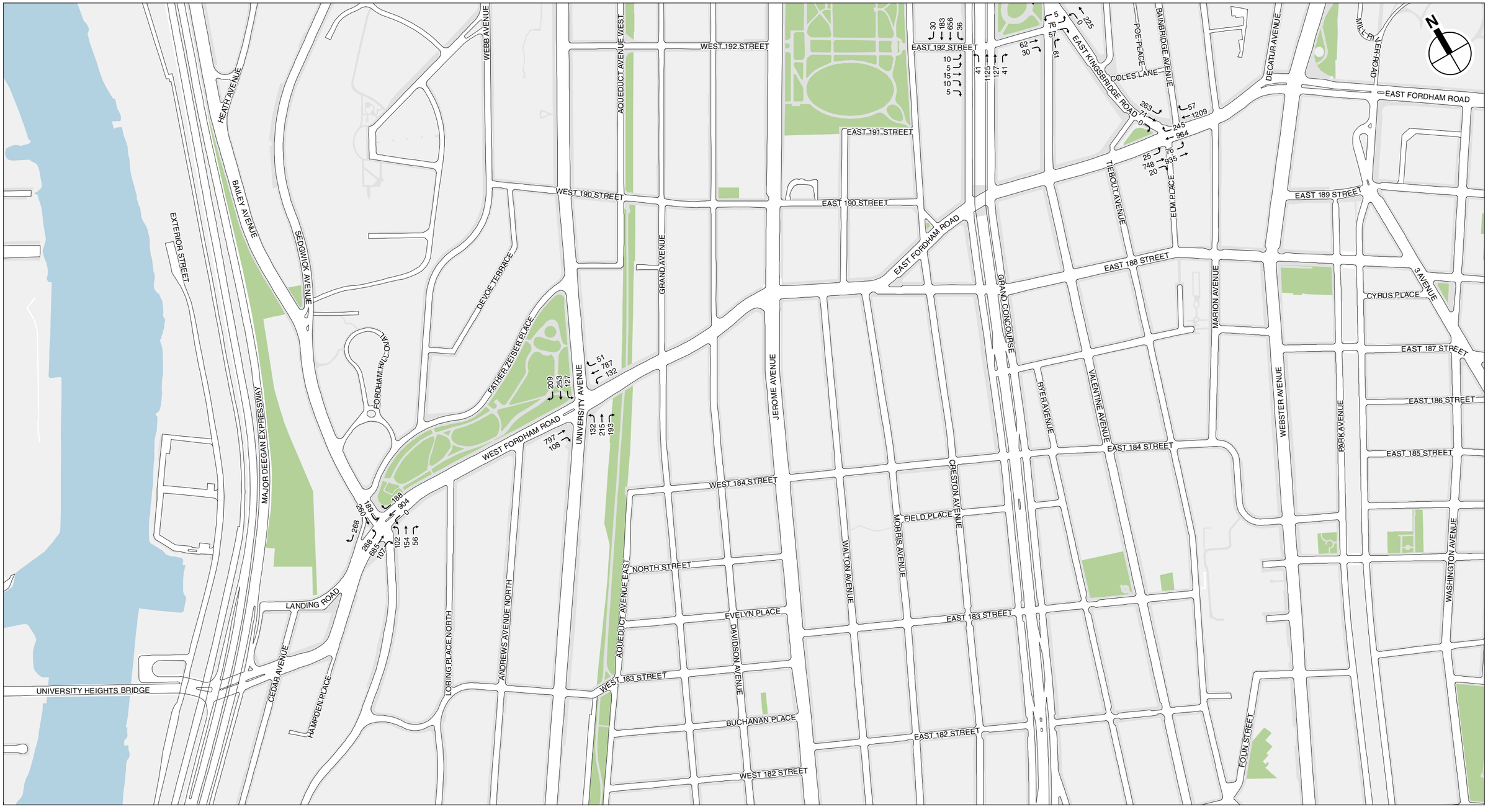
0 500 FEET

2032 With Action Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-15a

5.12.25

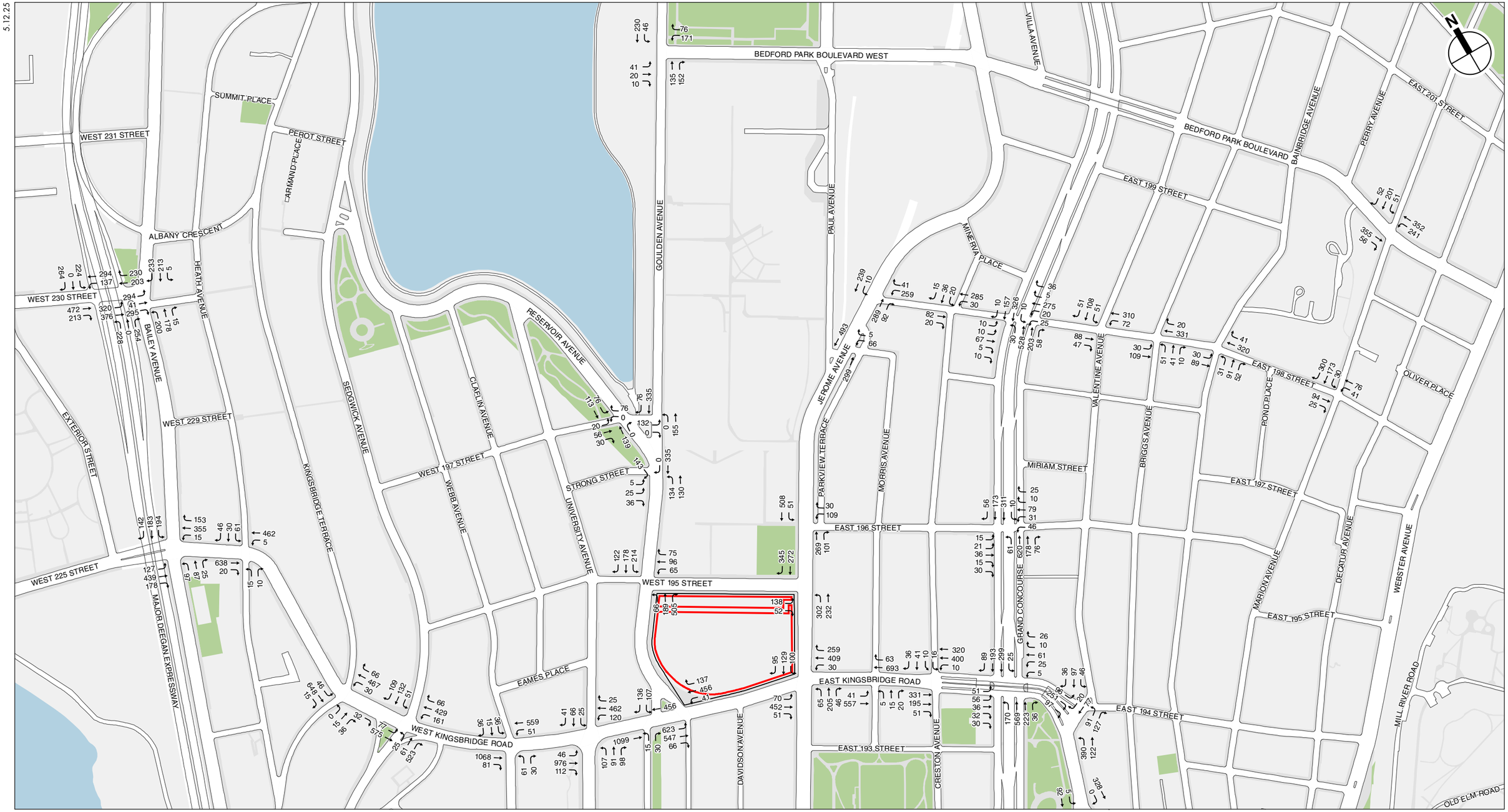


2032 With Action Traffic Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-15b

5.12.25



Project Site

Armory and National Guard Sites

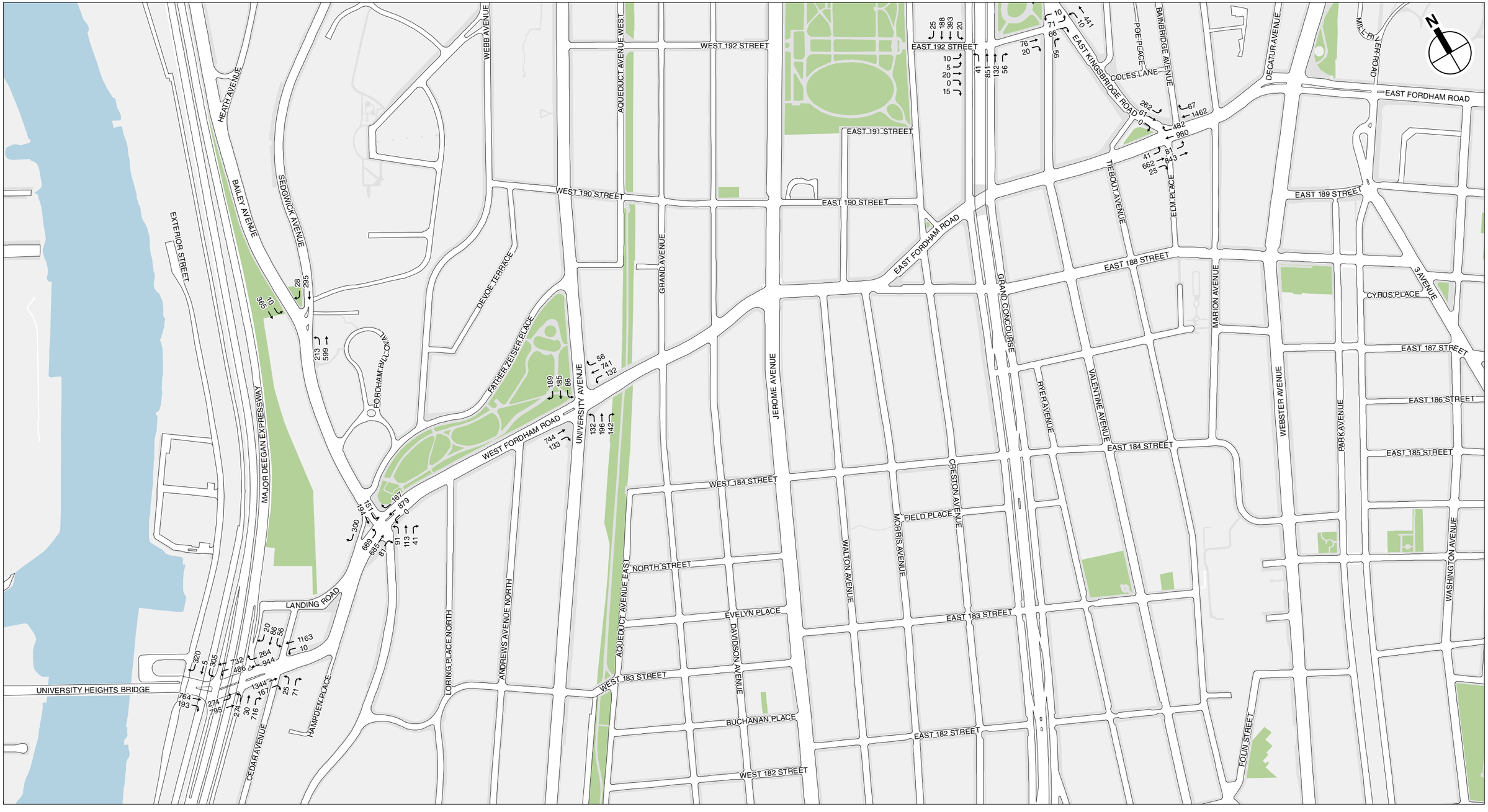
0 500 FEET

2032 With Action Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-16a

5.12.25

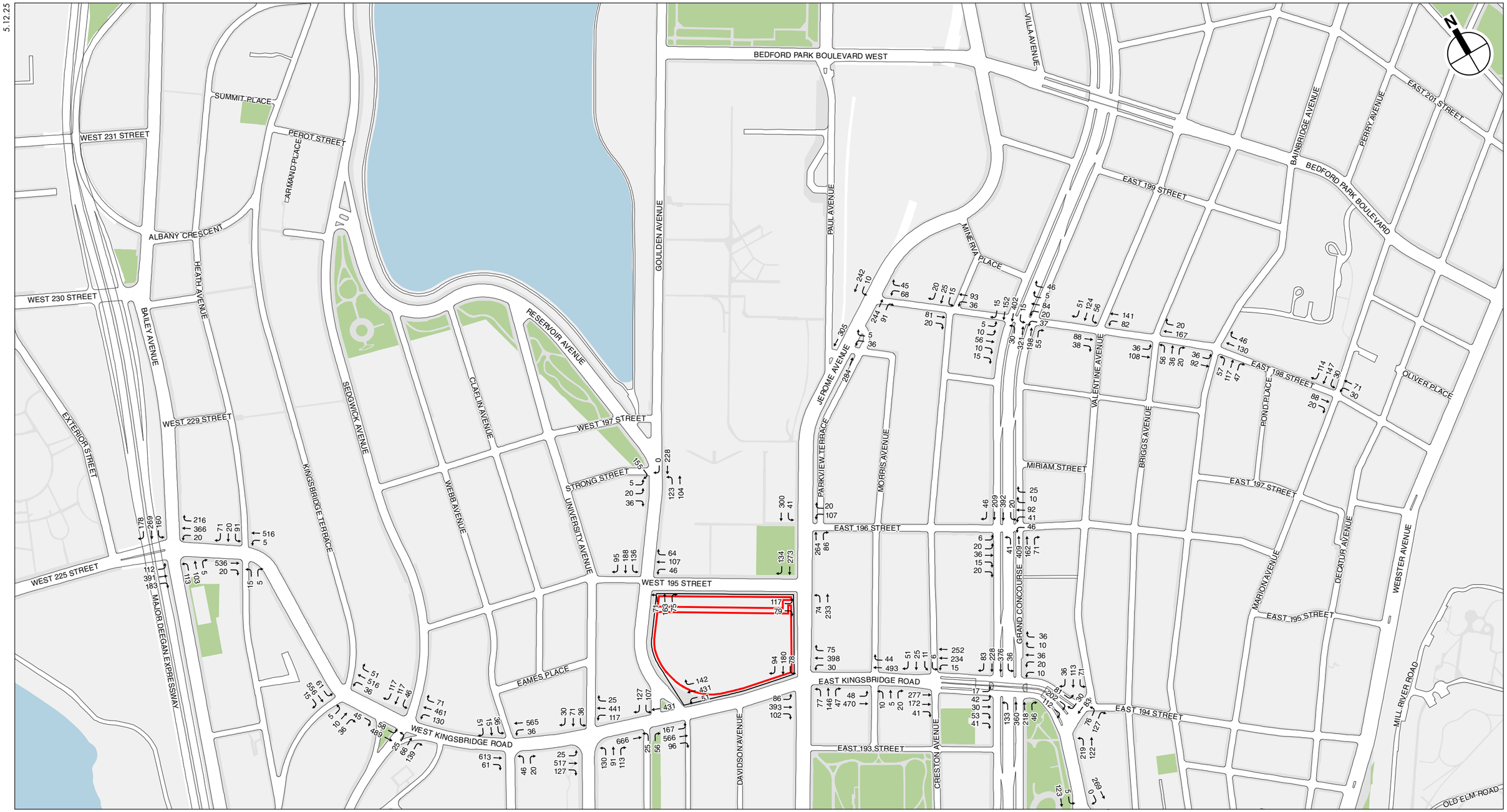


2032 With Action Traffic Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-16b

5.12.25



Project Site

Armory and National Guard Sites

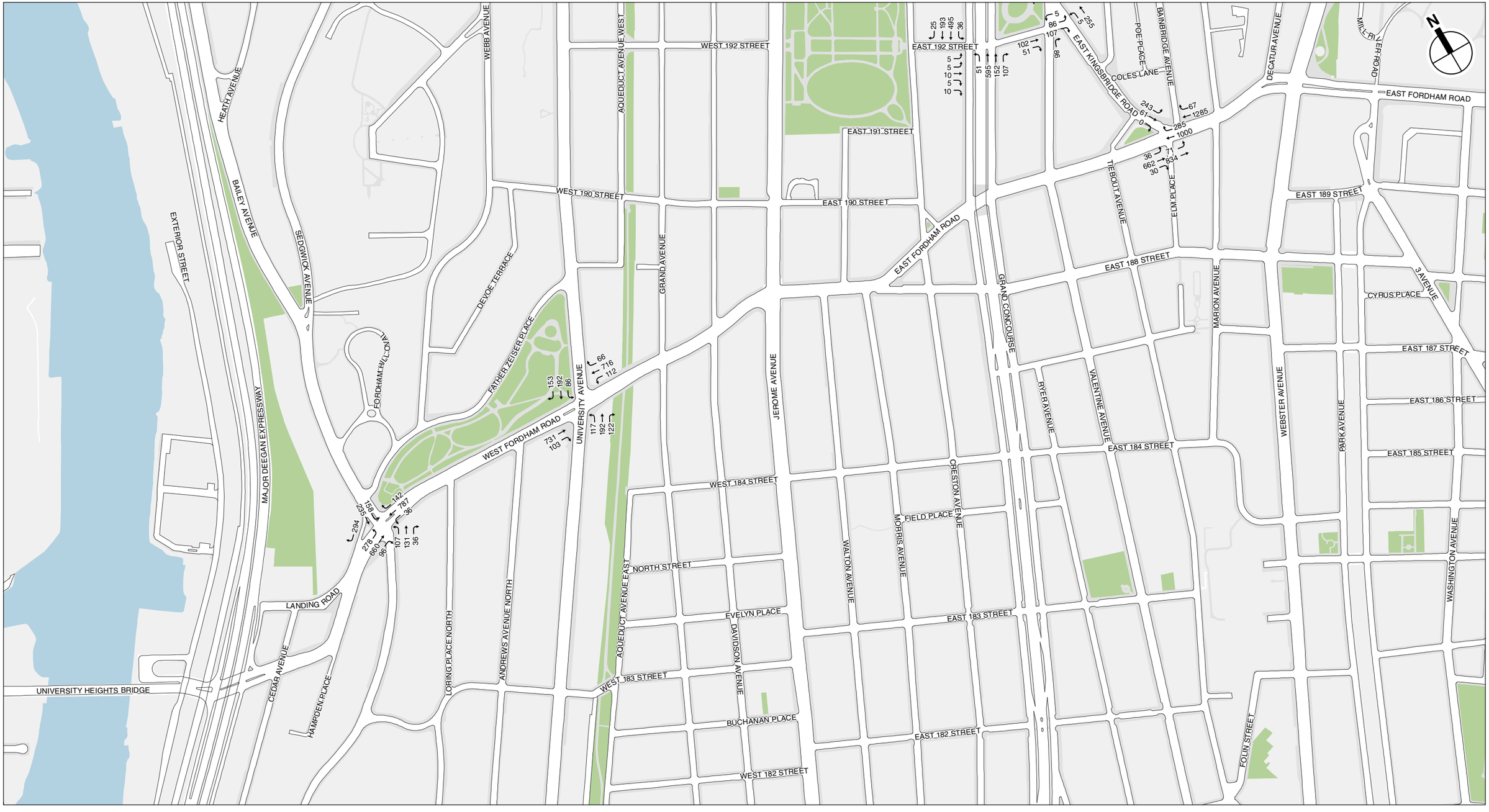
0 500 FEET

2032 With Action Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-17a

5.12.25

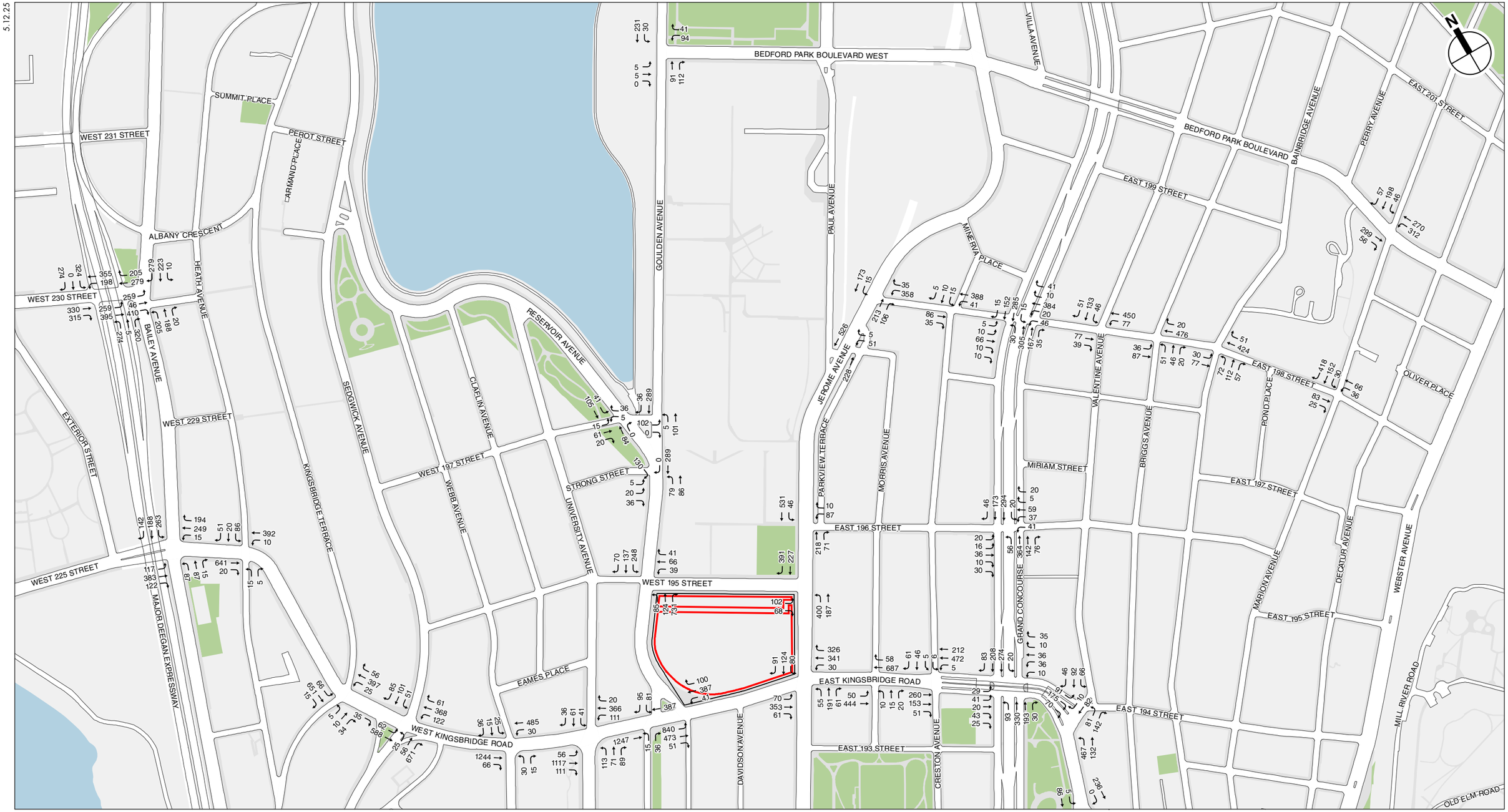


2032 With Action Traffic Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-17b

5.12.25



Project Site

Armory and National Guard Sites

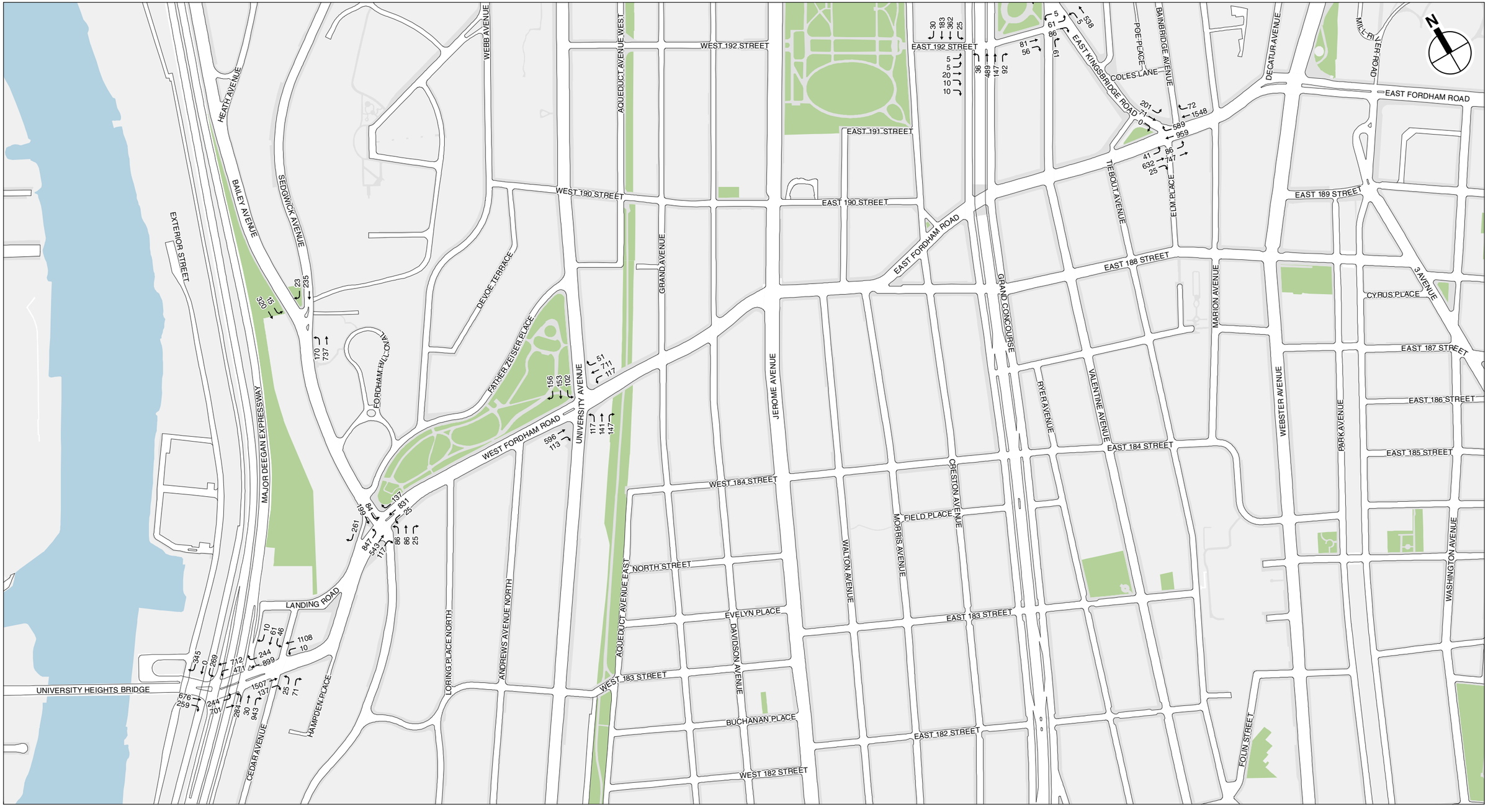
0 500 FEET

2032 With Action Traffic Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-18a

5.12.25



2032 With Action Traffic Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-18b

Traffic Tables

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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																								
Major Deegan Expressway SB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				T	0.34	14.7	B	Not Analyzed				T	0.24	13.7	B
Eastbound													R	0.23	14.3	B					R	0.34	15.9	B
Westbound													LT	0.39	7.1	A					LT	1.84	8.1	A
Southbound													LTR	0.64	33.7	C					LTR	0.91	41.7	D
													Intersection		17.6	B					Intersection		21.1	C
Major Deegan Expressway SB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				T	0.65	28.6	C	Not Analyzed				T	0.63	32.1	C
Eastbound													R	0.40	24.7	C					R	0.60	34.1	C
Westbound													L	0.94	44.4	D					L	0.76	28.3	C
Westbound													T	0.38	6.2	A					T	0.32	4.2	A
Southbound													LTR	1.10	100.4	F					LTR	1.20	110.3	F
													Intersection		40.6	D					Intersection		42.3	D
Major Deegan Expressway NB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				LT	1.17	40.7	D	Not Analyzed				LT	1.12	42.9	D
Westbound													TR	0.24	1.5	A					TR	0.28	1.5	A
Northbound													L	0.73	43.7	D					L	0.77	45.8	D
Northbound													TR	0.77	47.7	D					TR	1.02	89.3	F
													Intersection		31.3	C					Intersection		39.8	D
Major Deegan Expressway NB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				L	0.70	18.0	B	Not Analyzed				L	0.74	24.8	C
Eastbound													T	0.45	7.1	A					T	0.38	1.4	A
Westbound													T	0.54	50.2	D					T	0.45	10.4	B
Westbound													R	0.59	53.5	D					R	0.43	11.3	B
Northbound													LTR	0.98	72.1	E					LTR	0.99	63.6	E
													Intersection		39.8	D					Intersection		22.9	C
Bailey Avenue and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				L	0.38	2.3	A	Not Analyzed				L	0.33	1.7	A
Eastbound													TR	0.30	2.0	A					TR	0.45	1.9	A
Northbound													LTR	1.29	61.0	E					LTR	1.27	72.6	E
Southbound													LT	0.62	37.7	D					LT	0.66	39.5	D
Southbound													R	0.56	27.8	C					R	0.73	35.1	D
													Intersection		27.8	C					Intersection		31.4	C
Bailey Avenue and West 225th Street/West Kingsbridge Road																								
Eastbound	L	0.40	23.9	C	L	0.35	17.2	B	L	0.55	29.0	C	L	0.45	19.7	B	L	0.46	20.9	C	L	0.36	17.2	B
Eastbound	TR	0.46	20.0	B	TR	0.31	14.4	B	TR	0.43	19.4	B	TR	0.42	15.7	B	TR	0.41	15.5	B	TR	0.31	14.4	B
Westbound	L	0.15	5.7	A	L	0.09	2.7	A	L	0.10	15.5	B	L	0.08	2.5	A	L	0.09	3.5	A	L	0.06	2.9	A
Westbound	TR	0.64	10.1	B	TR	0.45	3.6	A	TR	0.57	19.0	B	TR	0.42	3.2	A	TR	0.52	5.1	A	TR	0.39	3.8	A
Northbound	LTR	1.94	37.1	D	LTR	0.87	30.4	C	LTR	1.42	41.0	D	LTR	0.88	31.7	C	LTR	1.37	31.6	C	LTR	0.48	30.1	C
Southbound	LTR	1.18	136.1	F	LTR	0.89	49.1	D	LTR	1.00	76.7	E	LTR	0.92	55.1	E	LTR	1.10	97.3	F	LTR	0.95	57.7	E
	Intersection		52.7	D	Intersection		23.1	C	Intersection		37.3	D	Intersection		25.1	C	Intersection		38.2	D	Intersection		26.8	C
Sedgwick Avenue and West Kingsbridge Road																								
Eastbound	L	0.27	14.0	B	L	0.12	1.4	A	L	0.29	5.7	A	L	0.23	2.7	A	L	0.16	2.2	A	L	0.18	2.1	A
Eastbound	TR	0.44	18.9	B	TR	0.36	4.9	A	TR	0.38	3.3	A	TR	0.37	4.7	A	TR	0.40	4.7	A	TR	0.36	4.9	A
Westbound	L	0.59	18.7	B	L	0.34	18.1	B	L	0.48	18.9	B	L	0.35	15.4	B	L	0.39	15.8	B	L	0.27	12.5	B
Westbound	TR	0.55	11.7	B	TR	0.45	14.5	B	TR	0.52	19.1	B	TR	0.46	12.6	B	TR	0.47	11.7	B	TR	0.40	10.9	B
Northbound	LTR	0.49	35.8	D	LTR	0.32	25.7	C	LTR	0.34	32.9	C	LTR	0.37	26.4	C	LTR	0.35	26.1	C	LTR	0.31	25.5	C
Southbound	LTR	1.16	143.5	F	LTR	0.81	48.4	D	LTR	0.85	59.5	E	LTR	0.78	44.3	D	LTR	0.86	52.8	D	LTR	0.69	38.4	D
	Intersection		39.4	D	Intersection		18.8	B	Intersection		22.1	C	Intersection		16.9	B	Intersection		18.6	B	Intersection		14.8	B

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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
Bailey Avenue and Sedgwick Avenue																								
Westbound													LT	0.54	21.1	C					LT	0.43	18.9	B
Northbound													T	0.16	5.8	A					T	0.12	8.0	A
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				R	0.39	8.2	A	Not Analyzed				R	0.35	10.0	A
Southbound													LT	0.30	8.8	A					LT	0.28	8.7	A
													Intersection		10.9	B					Intersection		11.0	B
Sedgwick Avenue and West Fordham Road																								
Eastbound	L	1.16	125.0	F	L	1.00	77.2	E	L	0.80	34.4	C	L	0.84	38.5	D	L	0.96	66.0	E	L	1.00	97.4	F
Eastbound	TR	0.55	17.7	B	TR	0.52	16.0	B	TR	0.49	14.1	B	TR	0.47	16.0	B	TR	0.47	16.2	B	TR	0.43	6.2	A
Westbound	LT	0.69	31.0	C	LT	0.71	28.5	C	LT	0.68	30.0	C	LT	0.70	30.6	C	LT	0.81	36.7	D	LT	0.76	33.9	C
Westbound	R	0.35	25.5	C	R	0.36	23.4	C	R	0.46	27.5	C	R	0.37	25.0	C	R	0.35	25.3	C	R	0.32	24.6	C
Northbound	LTR	1.46	267.8	F	LTR	0.70	34.8	C	LTR	1.61	335.9	F	LTR	1.09	123.8	F	LTR	1.11	127.0	F	LTR	0.70	45.4	D
Southbound	L	0.96	86.9	F	L	0.53	28.2	C	L	1.10	133.4	F	L	0.69	51.6	D	L	0.68	46.2	D	L	0.33	30.4	C
Southbound	T	0.67	39.9	D	T	0.39	22.5	C	T	0.64	42.6	D	T	0.51	38.7	D	T	0.54	35.3	D	T	0.44	31.1	C
Southbound	R	0.72	43.7	D	R	0.49	25.2	C	R	0.78	52.2	D	R	0.66	44.6	D	R	0.71	42.8	D	R	0.55	34.1	C
	Intersection		64.6	E	Intersection		29.2	C	Intersection		68.1	E	Intersection		38.0	D	Intersection		43.0	D	Intersection		33.2	C
Webb Avenue and West Kingsbridge Road																								
Eastbound	TR	1.09	84.1	F	TR	0.81	40.1	D	TR	0.74	23.2	C	TR	0.78	38.6	D	TR	0.74	37.9	D	TR	0.74	37.4	D
Westbound	LT	1.06	43.6	D	LT	0.49	14.2	B	LT	0.62	23.5	C	LT	0.49	15.1	B	LT	0.46	12.8	B	LT	0.37	11.4	B
Northbound	L	0.39	39.6	D	L	0.51	37.3	D	L	0.82	62.7	E	L	0.30	31.7	C	L	0.24	30.4	C	L	0.15	28.6	C
Northbound	R	0.18	33.7	C	R	0.29	31.3	C	R	0.45	39.5	D	R	0.15	28.6	C	R	0.09	27.7	C	R	0.07	27.3	C
Southbound	LTR	0.54	42.6	D	LTR	0.32	31.6	C	LTR	0.36	37.5	D	LTR	0.38	32.9	C	LTR	0.44	34.6	C	LTR	0.33	31.8	C
	Intersection		61.0	E	Intersection		29.5	C	Intersection		30.4	C	Intersection		28.1	C	Intersection		26.3	C	Intersection		26.3	C
University Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.67	37.3	D	LTR	0.73	20.1	C	LTR	0.71	23.2	C	LTR	0.74	17.9	B	LTR	0.67	16.2	B	LTR	0.70	15.9	B
Westbound	LTR	1.05	68.3	E	LTR	0.86	32.3	C	LTR	0.88	35.4	D	LTR	0.96	45.1	D	LTR	0.82	26.5	C	LTR	0.75	23.5	C
Northbound	L	0.84	77.0	E	L	0.51	33.1	C	L	0.69	55.8	E	L	0.48	32.0	C	L	0.56	34.6	C	L	0.46	30.8	C
Northbound	TR	0.73	53.4	D	TR	0.50	31.3	C	TR	0.71	51.8	D	TR	0.61	34.6	C	TR	0.64	36.0	D	TR	0.47	29.9	C
Southbound	LTR	0.75	54.1	D	LTR	0.44	29.3	C	LTR	0.53	42.6	D	LTR	0.42	28.7	C	LTR	0.44	29.3	C	LTR	0.43	29.1	C
	Intersection		56.2	E	Intersection		27.2	C	Intersection		34.6	C	Intersection		31.5	C	Intersection		25.0	C	Intersection		22.5	C
University Avenue and West Fordham Road																								
Eastbound	T	0.79	36.5	D	T	0.72	30.7	C	T	0.74	36.2	D	T	0.72	35.3	D	T	0.66	34.8	C	T	0.57	32.5	C
Eastbound	R	0.63	40.8	D	R	0.67	41.0	D	R	0.59	40.4	D	R	0.61	41.5	D	R	0.50	36.7	D	R	0.60	42.2	D
Westbound	L	1.11	130.5	F	L	0.67	34.0	C	L	0.59	30.3	C	L	0.62	31.4	C	L	0.50	27.0	C	L	0.44	24.7	C
Westbound	T	0.49	20.5	C	T	---	---	---	T	0.53	20.1	C	T	---	---	---	T	---	---	---	T	---	---	---
Westbound	R	0.19	17.2	B	R	---	---	---	R	0.17	15.8	B	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	TR	---	---	---	TR	0.65	21.2	C	TR	---	---	---	TR	0.63	22.4	C	TR	0.68	25.1	C	TR	0.58	22.4	C
Northbound	L	0.78	58.9	E	L	0.53	31.0	C	L	0.63	46.6	D	L	0.61	43.4	D	L	0.48	35.9	D	L	0.44	34.3	C
Northbound	T	0.50	34.6	C	T	0.44	25.7	C	T	0.50	35.8	D	T	0.46	34.7	C	T	0.41	32.2	C	T	0.34	30.7	C
Northbound	R	0.50	35.6	D	R	0.38	25.4	C	R	0.67	44.9	D	R	0.42	34.6	C	R	0.38	32.2	C	R	0.45	34.0	C
Southbound	L	0.34	32.3	C	L	0.36	25.7	C	L	0.59	43.7	D	L	0.41	35.7	D	L	0.39	33.5	C	L	0.36	32.4	C
Southbound	T	0.64	39.2	D	T	0.51	27.6	C	T	0.57	38.0	D	T	0.44	34.2	C	T	0.41	32.1	C	T	0.34	30.7	C
Southbound	R	0.62	40.9	D	R	0.39	25.7	C	R	0.57	39.7	D	R	0.64	43.2	D	R	0.44	33.7	C	R	0.48	34.8	C
	Intersection		39.8	D	Intersection		27.4	C	Intersection		33.2	C	Intersection		32.5	C	Intersection		30.9	C	Intersection		29.7	C
Reservoir Avenue and West 197th Street																								
Eastbound													LTR	0.21	15.5	B					LTR	0.18	15.2	B
Westbound													LTR	0.13	1.5	A					LTR	0.08	3.4	A
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				TR	0.15	37.8	D	Not Analyzed				TR	0.09	33.3	C
Southbound													LT	0.28	21.6	C					LT	0.20	20.6	C
													Intersection		21.9	C					Intersection		19.9	B

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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
Reservoir Avenue/Goulden Avenue and Strong Street																								
Eastbound	LT	0.46	33.5	C	LT	0.18	26.5	C	LT	0.27	28.3	C	LT	0.23	27.4	C	LT	0.22	27.1	C	LT	0.21	27.0	C
Northbound	L	0.32	6.8	A	L	0.17	5.4	A	L	0.45	9.9	A	L	0.29	7.6	A	L	0.22	5.9	A	L	0.12	6.6	A
Northbound	T	0.25	5.6	A	T	0.14	5.0	A	T	0.19	6.0	A	T	0.15	6.0	A	T	0.12	5.1	A	T	0.09	6.4	A
Southbound	T	0.60	28.3	C	T	0.44	24.2	C	T	0.62	28.8	C	T	0.49	9.0	A	T	0.46	24.5	C	T	0.25	2.8	A
Southeastbound	R	0.54	36.8	D	R	0.25	31.7	C	R	0.43	34.5	C	R	0.39	45.5	D	R	0.36	33.3	C	R	0.34	46.3	D
	Intersection		23.4	C	Intersection		19.0	B	Intersection		21.9	C	Intersection		18.0	B	Intersection		20.8	C	Intersection		20.1	C
Reservoir Avenue and West 195th Street																								
Westbound	LTR	0.65	32.7	C	LTR	0.41	35.0	D	LTR	0.69	33.9	C	LTR	0.50	36.7	D	LTR	0.42	35.9	D	LTR	0.29	22.6	C
Northbound	LTR	0.31	12.0	B	LTR	0.18	11.4	B	LTR	0.26	11.4	B	LTR	0.19	11.8	B	LTR	0.22	10.3	B	LTR	0.18	12.1	B
Southbound	LTR	0.65	18.9	B	LTR	0.35	12.1	B	LTR	0.56	15.3	B	LTR	0.43	15.3	B	LTR	0.40	15.3	B	LTR	0.31	18.7	B
	Intersection		19.8	B	Intersection		17.3	B	Intersection		19.0	B	Intersection		19.8	B	Intersection		18.5	B	Intersection		17.4	B
Reservoir Avenue/Aqueduct Avenue and West Kingsbridge Road																								
Eastbound	T	0.46	17.7	B	T	0.43	7.2	A	T	0.53	10.1	B	T	0.42	6.8	A	T	0.44	7.5	A	T	0.39	7.8	A
Westbound	T	0.41	19.0	B	T	0.26	14.4	B	T	0.26	17.2	B	T	0.32	15.0	B	T	0.28	14.6	B	T	0.25	14.3	B
Northbound	LTR	0.27	31.6	C	LTR	0.17	24.2	C	LTR	0.26	31.3	C	LTR	0.14	23.8	C	LTR	0.26	25.5	C	LTR	0.16	24.0	C
Southbound	L	0.62	41.9	D	L	0.28	27.6	C	L	0.32	32.7	C	L	0.32	25.9	C	L	0.33	14.4	B	L	0.22	25.5	C
Southbound	R	0.54	38.8	D	R	0.35	29.3	C	R	0.48	36.6	D	R	0.39	27.5	C	R	0.30	14.2	B	R	0.25	25.9	C
	Intersection		24.5	C	Intersection		14.3	B	Intersection		18.4	B	Intersection		14.1	B	Intersection		12.2	B	Intersection		13.6	B
Jerome Avenue and East 198th Street																								
Westbound	LT	0.22	45.3	D	LT	0.24	26.2	C	LT	0.24	23.5	C	LT	0.26	26.6	C	LT	0.32	27.7	C	LT	0.23	26.0	C
Northbound	TR	0.53	12.0	B	TR	0.46	7.5	A	TR	0.60	9.0	A	TR	0.56	8.2	A	TR	0.47	6.3	A	TR	0.46	7.6	A
Southbound	LT	0.51	21.8	C	LT	0.41	16.6	B	LT	0.50	21.4	C	LT	0.43	16.8	B	LT	0.39	16.2	B	LT	0.33	15.3	B
	Intersection		19.9	B	Intersection		13.6	B	Intersection		15.5	B	Intersection		13.7	B	Intersection		13.4	B	Intersection		12.8	B
Jerome Avenue and Morris Avenue																								
Westbound	LTR	0.10	29.5	C	LTR	0.13	24.4	C	LTR	0.15	30.3	C	LTR	0.23	25.8	C	LTR	0.13	24.4	C	LTR	0.19	25.2	C
Northbound	LT	0.33	13.2	B	LT	0.31	12.7	B	LT	0.46	6.3	A	LT	0.43	15.5	B	LT	0.36	21.4	C	LT	0.28	20.0	C
Southbound	TR	0.41	7.9	A	TR	0.41	8.6	A	TR	0.47	10.7	B	TR	0.45	8.5	A	TR	0.43	8.0	A	TR	0.34	7.5	A
	Intersection		11.5	B	Intersection		11.7	B	Intersection		10.4	B	Intersection		13.6	B	Intersection		15.0	B	Intersection		14.8	B
Jerome Avenue and East 196th Street																								
Westbound	LT	0.26	29.8	C	LT	0.27	26.2	C	LT	0.36	23.7	C	LT	0.37	27.8	C	LT	0.32	26.9	C	LT	0.23	25.6	C
Northbound	TR	0.56	18.1	B	TR	0.50	9.2	A	TR	0.64	21.4	C	TR	0.64	13.3	B	TR	0.57	20.2	C	TR	0.44	11.2	B
Southbound	LT	0.56	15.6	B	LT	0.57	19.7	B	LT	0.70	43.6	D	LT	0.65	24.5	C	LT	0.56	18.6	B	LT	0.52	20.7	C
	Intersection		18.7	B	Intersection		16.7	B	Intersection		31.0	C	Intersection		20.5	C	Intersection		20.7	C	Intersection		17.7	B
Jerome Avenue and East 195th Street																								
Eastbound	LT	0.66	51.9	D	LT	0.33	34.8	C	LT	0.63	49.3	D	LT	0.45	31.5	C	LT	0.48	32.7	C	LT	0.44	27.1	C
Northbound	LT	0.79	31.1	C	LT	0.62	15.1	B	LT	0.76	38.1	D	LT	0.88	33.0	C	LT	0.77	24.0	C	LT	0.42	16.9	B
Southbound	TR	0.80	26.5	C	TR	0.80	23.0	C	TR	0.89	37.2	D	TR	0.87	29.0	C	TR	0.71	37.7	D	TR	0.61	11.8	B
	Intersection		33.6	C	Intersection		21.7	C	Intersection		40.0	D	Intersection		30.9	C	Intersection		31.5	C	Intersection		16.6	B
Jerome Avenue and West Kingsbridge Road/East Kingsbridge Road																								
Eastbound	LTR	0.86	45.8	D	LTR	0.67	29.7	C	LTR	0.92	53.9	D	LTR	0.83	37.5	D	LTR	0.97	58.1	E	LTR	0.64	28.8	C
Westbound	LTR	0.79	23.3	C	LTR	0.59	17.5	B	LTR	0.71	44.2	D	LTR	0.73	23.2	C	LTR	0.69	20.6	C	LTR	0.56	16.1	B
Northbound	LTR	0.82	55.7	E	LTR	0.86	52.5	D	LTR	0.81	51.7	D	LTR	0.86	51.3	D	LTR	0.99	79.7	E	LTR	0.72	38.5	D
Southbound	LT	0.67	31.6	C	LT	0.57	37.4	D	LT	0.69	43.8	D	LT	0.58	38.0	D	LT	0.61	28.6	C	LT	0.48	23.8	C
Southbound	R	0.30	22.7	C	R	0.31	33.1	C	R	0.29	34.6	C	R	0.28	33.7	C	R	0.24	21.2	C	R	0.26	20.0	C
	Intersection		36.2	D	Intersection		31.7	C	Intersection		48.3	D	Intersection		35.4	D	Intersection		45.1	D	Intersection		25.5	C
Morris Avenue and East Kingsbridge Road																								
Eastbound	LT	0.46	5.8	A	LT	0.35	5.8	A	LT	0.45	7.6	A	LT	0.40	5.4	A	LT	0.38	6.0	A	LT	0.35	7.5	A
Westbound	TR	0.46	6.1	A	TR	0.32	3.1	A	TR	0.43	5.3	A	TR	0.45	3.6	A	TR	0.36	3.4	A	TR	0.32	4.2	A
Northbound	LTR	0.15	26.7	C	LTR	0.20	21.8	C	LTR	0.20	27.6	C	LTR	0.11	20.6	C	LTR	0.11	20.7	C	LTR	0.13	20.8	C
	Intersection		7.0	A	Intersection		6.0	A	Intersection		7.9	A	Intersection		5.1	A	Intersection		5.4	A	Intersection		6.8	A

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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
Creston Avenue and East Kingsbridge Road																								
Eastbound	TR	0.46	14.7	B	TR	0.39	5.6	A	TR	0.44	6.4	A	TR	0.42	6.1	A	TR	0.39	7.2	A	TR	0.34	4.2	A
Westbound	LT	0.44	16.6	B	LT	0.33	15.8	B	LT	0.40	18.2	B	LT	0.43	17.1	B	LT	0.36	16.2	B	LT	0.29	15.3	B
Southbound	LTR	0.31	33.1	C	LTR	0.28	25.2	C	LTR	0.32	33.1	C	LTR	0.29	25.2	C	LTR	0.28	25.2	C	LTR	0.35	26.2	C
	Intersection		17.2	B	Intersection		11.9	B	Intersection		14.1	B	Intersection		12.8	B	Intersection		12.8	B	Intersection		11.7	B
Grand Concourse and East 198th Street																								
Eastbound	TR	0.29	45.3	D	TR	0.21	29.9	C	TR	0.22	15.3	B	TR	0.17	30.6	C	TR	0.19	29.6	C	TR	0.19	29.4	C
Westbound	TR	0.54	33.8	C	TR	0.47	44.7	D	TR	0.46	37.5	D	TR	0.42	35.1	D	TR	0.50	41.6	D	TR	0.51	43.0	D
Northbound	L	0.22	31.5	C	L	0.21	67.9	E	L	0.26	87.0	F	L	0.31	90.9	F	L	0.31	71.4	E	L	0.31	72.5	E
Northbound	T	0.23	38.1	D	T	0.26	11.6	B	T	0.55	3.2	A	T	0.45	2.8	A	T	0.29	11.4	B	T	0.28	11.2	B
Northbound	TR	0.40	38.2	D	TR	0.44	19.9	B	TR	0.57	19.9	B	TR	0.48	13.8	B	TR	0.45	21.4	C	TR	0.41	20.2	C
Southbound	L	0.42	63.1	E	L	0.21	55.3	E	L	0.16	53.9	D	L	0.08	52.2	D	L	0.16	53.9	D	L	0.16	53.9	D
Southbound	T	0.79	32.5	C	T	0.38	23.3	C	T	0.42	22.8	C	T	0.29	20.8	C	T	0.34	22.7	C	T	0.23	21.3	C
Southbound	TR	0.45	24.6	C	TR	0.33	23.4	C	TR	0.31	21.8	C	TR	0.29	21.5	C	TR	0.31	23.0	C	TR	0.30	22.8	C
	Intersection		29.7	C	Intersection		17.1	B	Intersection		12.6	B	Intersection		11.5	B	Intersection		17.1	B	Intersection		15.7	B
Grand Concourse and East 196th Street																								
Eastbound	TR	0.53	56.0	E	TR	0.38	38.3	D	TR	0.44	17.8	B	TR	0.43	40.4	D	TR	0.34	37.4	D	TR	0.40	38.9	D
Westbound	TR	0.54	43.9	D	TR	0.52	42.4	D	TR	0.78	56.6	E	TR	0.65	48.6	D	TR	0.69	49.4	D	TR	0.55	43.1	D
Northbound	L	0.40	59.9	E	L	0.52	70.8	E	L	0.77	112.9	F	L	0.60	100.7	F	L	0.38	66.0	E	L	0.55	74.0	E
Northbound	T	0.31	17.8	B	T	0.32	15.1	B	T	0.63	6.2	A	T	0.53	8.4	A	T	0.34	17.2	B	T	0.33	14.6	B
Northbound	TR	0.34	20.7	C	TR	0.41	17.0	B	TR	0.48	14.4	B	TR	0.50	18.1	B	TR	0.44	22.4	C	TR	0.41	20.7	C
Southbound	L	0.31	84.4	F	L	0.15	36.2	D	L	0.16	43.0	D	L	0.11	42.9	D	L	0.20	37.5	D	L	0.18	40.7	D
Southbound	T	0.84	14.5	B	T	0.39	26.7	C	T	0.38	54.5	D	T	0.27	53.4	D	T	0.32	25.8	C	T	0.23	22.9	C
Southbound	TR	0.84	35.2	D	TR	0.53	28.7	C	TR	0.59	46.8	D	TR	0.46	49.2	D	TR	0.51	30.1	C	TR	0.42	28.7	C
	Intersection		16.5	B	Intersection		20.8	C	Intersection		25.8	C	Intersection		23.9	C	Intersection		19.5	B	Intersection		18.6	B
Grand Concourse and East Kingsbridge Road																								
Eastbound	TR	0.59	58.3	E	TR	0.57	42.4	D	TR	0.64	60.0	E	TR	0.56	41.8	D	TR	0.45	38.5	D	TR	0.39	37.1	D
Westbound	TR	0.27	73.5	E	TR	0.34	36.6	D	TR	0.32	20.1	C	TR	0.39	37.6	D	TR	0.30	35.4	D	TR	0.34	36.3	D
Northbound	L	0.72	67.3	E	L	0.80	109.6	F	L	1.42	290.5	F	L	1.20	210.9	F	L	0.86	116.2	F	L	0.66	97.0	F
Northbound	T	0.31	50.3	D	T	0.32	9.6	A	T	0.72	8.9	A	T	0.56	6.7	A	T	0.36	9.0	A	T	0.32	9.2	A
Northbound	TR	0.34	36.0	D	TR	0.39	16.2	B	TR	0.54	21.1	C	TR	0.54	21.0	C	TR	0.48	15.7	B	TR	0.43	14.7	B
Southbound	L	0.36	82.7	F	L	0.36	74.5	E	L	0.32	58.4	E	L	0.18	57.6	E	L	0.23	70.1	E	L	0.14	67.7	E
Southbound	T	0.92	17.3	B	T	0.40	7.7	A	T	0.45	41.2	D	T	0.30	31.1	C	T	0.32	7.8	A	T	0.25	9.8	A
Southbound	TR	0.94	37.0	D	TR	0.64	19.8	B	TR	0.73	50.1	D	TR	0.59	41.1	D	TR	0.64	18.8	B	TR	0.57	18.0	B
	Intersection		26.5	C	Intersection		20.7	C	Intersection		51.6	D	Intersection		38.5	D	Intersection		21.7	C	Intersection		18.4	B
Grand Concourse and East 192nd Street																								
Eastbound	TR	0.14	28.6	C	TR	0.13	26.5	C	TR	0.13	28.5	C	TR	0.15	28.8	C	TR	0.10	26.1	C	TR	0.13	26.5	C
Northbound	L	0.39	68.4	E	L	0.50	74.1	E	L	0.57	79.6	E	L	0.56	78.6	E	L	0.63	85.2	F	L	0.50	74.1	E
Northbound	T	0.38	21.6	C	T	0.42	23.9	C	T	0.84	34.6	C	T	0.70	28.3	C	T	0.49	25.2	C	T	0.39	23.5	C
Northbound	TR	0.29	21.1	C	TR	0.36	24.1	C	TR	0.36	22.4	C	TR	0.38	22.6	C	TR	0.61	30.7	C	TR	0.51	27.4	C
Southbound	L	0.52	93.1	F	L	0.33	61.2	E	L	0.55	75.6	E	L	0.30	57.4	E	L	0.52	72.8	E	L	0.38	64.8	E
Southbound	T	0.99	29.4	C	T	0.46	37.8	D	T	0.54	24.0	C	T	0.33	17.9	B	T	0.38	32.4	C	T	0.29	25.2	C
Southbound	TR	0.55	7.1	A	TR	0.38	29.8	C	TR	0.38	32.7	C	TR	0.38	28.7	C	TR	0.38	29.7	C	TR	0.37	26.0	C
	Intersection		28.6	C	Intersection		32.2	C	Intersection		31.9	C	Intersection		26.5	C	Intersection		31.6	C	Intersection		26.5	C
Valentine Avenue and East 198th Street																								
Eastbound	TR	0.29	7.7	A	TR	0.23	15.2	B	TR	0.24	20.4	C	TR	0.23	22.6	C	TR	0.21	14.6	B	TR	0.19	14.7	B
Westbound	LT	0.60	19.8	B	LT	0.46	15.9	B	LT	0.54	17.7	B	LT	0.47	16.6	B	LT	0.54	18.2	B	LT	0.57	18.8	B
Southbound	LTR	0.51	16.9	B	LTR	0.37	14.2	B	LTR	0.51	16.9	B	LTR	0.51	16.9	B	LTR	0.59	19.1	B	LTR	0.53	17.3	B
	Intersection		16.1	B	Intersection		15.2	B	Intersection		17.9	B	Intersection		17.9	B	Intersection		18.0	B	Intersection		17.6	B
Valentine Avenue/East Kingsbridge Road and East 192nd Street (West)																								
Eastbound	TR	0.46	40.7	D	TR	0.45	36.0	D	TR	0.46	39.9	D	TR	0.40	33.8	C	TR	0.72	48.4	D	TR	0.61	41.5	D
Westbound	L	0.04	79.5	E	L	0.04	58.4	E	L	0.05	63.4	E	L	0.09	55.5	E	L	0.04	56.3	E	L	0.04	56.4	E
Northbound	R	0.07	5.8	A	R	0.08	5.5	A	R	0.08	5.9	A	R	0.07	5.4	A	R	0.11	5.7	A	R	0.07	5.4	A
Southbound	LT	0.12	2.4	A	LT	0.12	0.8	A	LT	0.15	0.9	A	LT	0.09	0.2	A	LT	0.12	6.5	A	LT	0.09	0.7	A
	Intersection		18.9	B	Intersection		15.5	B	Intersection		14.4	B	Intersection		17.1	B	Intersection		24.8	C	Intersection		21.9	C

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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
Valentine Avenue/East Kingsbridge Road and East 192nd Street (East)																								
Eastbound	LT	0.21	14.7	B	LT	0.23	12.9	B	LT	0.22	17.3	B	LT	0.21	10.2	B	LT	0.29	12.2	B	LT	0.23	10.6	B
Northbound	LT	0.37	30.8	C	LT	0.19	31.4	C	LT	0.21	21.4	C	LT	0.25	19.3	B	LT	0.24	19.1	B	LT	0.23	19.0	B
Southbound	TR	0.29	9.2	A	TR	0.24	9.5	A	TR	0.28	12.0	B	TR	0.25	8.9	A	TR	0.24	34.2	C	TR	0.19	11.9	B
	Intersection		19.1	B	Intersection		16.4	B	Intersection		16.0	B	Intersection		12.6	B	Intersection		23.1	C	Intersection		14.0	B
Elm Place/Bainbridge Avenue/East Kingsbridge Road and East Fordham Road																								
Eastbound	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	0.79	21.6	C	LTR	0.72	18.6	B	LTR	0.71	18.0	B
Eastbound	LT	0.89	29.8	C	LT	0.71	20.8	C	LT	0.76	20.2	C	LT	---	---	---	LT	---	---	---	LT	---	---	---
Eastbound	R	0.02	7.9	A	R	0.07	11.2	B	R	0.07	8.5	A	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	T	0.74	24.8	C	T	0.71	27.9	C	T	0.68	22.9	C	T	0.66	22.4	C	T	0.66	22.4	C	T	0.61	21.1	C
Westbound	R	1.25	160.5	F	R	1.42	250.3	F	R	1.36	215.3	F	R	1.24	162.7	F	R	1.39	223.6	F	R	1.18	137.8	F
Southbound	L	1.47	285.4	F	L	0.91	96.0	F	L	0.68	72.2	E	L	1.60	360.9	F	L	1.88	486.0	F	L	1.25	215.6	F
Southbound	LT	0.69	44.8	D	LT	0.42	44.3	D	LT	0.69	72.7	E	LT	0.60	53.2	D	LT	0.61	53.6	D	LT	0.53	49.8	D
	Intersection		65.6	E	Intersection		57.2	E	Intersection		52.7	D	Intersection		65.3	E	Intersection		82.2	F	Intersection		51.6	D
East Kingsbridge Road/East 194th Street and Valentine Avenue																								
Eastbound	T	0.21	36.1	D	T	0.18	29.4	C	T	0.28	37.7	D	T	0.31	31.5	C	T	0.27	30.7	C	T	0.30	31.2	C
Eastbound	R	0.72	51.9	D	R	0.62	40.5	D	R	0.68	50.3	D	R	0.75	47.5	D	R	0.70	44.6	D	R	0.55	37.7	D
Eastbound	R	0.31	39.3	D	R	0.46	35.3	D	R	0.39	39.4	D	R	0.35	32.7	C	R	0.40	33.2	C	R	0.25	30.6	C
Northbound	L	1.80	394.9	F	L	1.14	122.5	F	L	1.36	205.9	F	L	1.32	189.6	F	L	1.50	267.8	F	L	1.20	144.4	F
Northbound	R	0.11	4.3	A	R	0.19	3.9	A	R	0.16	6.6	A	R	0.11	6.4	A	R	0.17	8.0	A	R	0.20	6.5	A
Southbound	L	0.20	31.7	C	L	0.16	21.2	C	L	0.17	31.2	C	L	0.12	20.6	C	L	0.18	21.4	C	L	0.17	21.3	C
Southbound	TR	0.66	53.7	D	TR	0.66	46.1	D	TR	0.69	55.2	E	TR	0.59	42.6	D	TR	0.65	44.6	D	TR	0.62	43.4	D
	Intersection		187.6	F	Intersection		64.2	E	Intersection		92.6	F	Intersection		90.7	F	Intersection		120.8	F	Intersection		70.6	E
Heath Avenue and West Kingsbridge Road																								
Eastbound	TR	0.45	10.7	B	TR	0.31	8.7	A	TR	0.44	12.5	B	TR	0.43	8.5	A	TR	0.38	7.8	A	TR	0.35	8.8	A
Westbound	LT	0.52	2.0	A	LT	0.40	16.9	B	LT	0.45	37.1	D	LT	0.37	16.0	B	LT	0.40	16.6	B	LT	0.34	15.7	B
Northbound	LTR	0.16	30.9	C	LTR	0.12	24.4	C	LTR	0.13	30.1	C	LTR	0.11	24.3	C	LTR	0.09	24.1	C	LTR	0.09	24.0	C
Southbound	LTR	0.66	45.2	D	LTR	0.51	32.0	C	LTR	0.47	37.1	D	LTR	0.47	30.7	C	LTR	0.63	36.7	D	LTR	0.52	32.5	C
	Intersection		12.5	B	Intersection		16.0	B	Intersection		26.1	C	Intersection		14.5	B	Intersection		16.3	B	Intersection		15.3	B
Kingsbridge Terrace and West Kingsbridge Road																								
Eastbound	LTR	0.76	34.2	C	LTR	0.49	21.7	C	LTR	0.57	10.6	B	LTR	0.50	20.1	C	LTR	0.54	22.5	C	LTR	0.53	22.5	C
Westbound	LTR	0.56	11.8	B	LTR	0.41	7.9	A	LTR	0.52	8.3	A	LTR	0.47	9.0	A	LTR	0.47	9.4	A	LTR	0.38	9.1	A
Northbound	LTR	0.19	31.0	C	LTR	0.10	24.0	C	LTR	0.19	30.9	C	LTR	0.15	24.8	C	LTR	0.13	24.5	C	LTR	0.15	24.8	C
	Intersection		23.5	C	Intersection		15.2	B	Intersection		10.3	B	Intersection		15.0	B	Intersection		16.3	B	Intersection		16.8	B
Goulden Avenue and Bedford Park Boulevard																								
Eastbound													LTR	0.17	21.4	C					LTR	0.02	16.4	B
Westbound													LTR	0.66	34.6	C					LTR	0.34	20.6	C
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				TR	0.58	30.5	C	Not Analyzed				TR	0.38	21.6	C
Southbound													LT	0.36	25.3	C					LT	0.19	17.7	B
													Intersection		29.9	C					Intersection		20.3	C
Goulden Avenue and West 197th Street																								
Eastbound													LT	0.40	24.6	C					LT	0.30	28.3	C
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				LT	0.16	5.5	A	Not Analyzed				LT	0.11	6.6	A
Southbound													TR	0.69	31.8	C					TR	0.32	27.1	C
													Intersection		24.0	C					Intersection		22.1	C
Marion Avenue and Bedford Park Boulevard																								
Eastbound													TR	0.40	24.3	C					TR	0.38	20.0	C
Westbound	Not Analyzed				Not Analyzed				Not Analyzed				LT	0.54	27.4	C	Not Analyzed				LT	0.42	20.9	C
Southbound													LTR	0.55	29.9	C					LTR	0.52	23.6	C
													Intersection		26.8	C					Intersection		21.2	C

Table D-1

Existing Conditions Traffic Level of Service Analysis

Intersection	Weekday AM				Weekday Midday				Weekday PM				Weekday Evening				Saturday Midday/Afternoon				Saturday Evening			
	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
Cedar Avenue and West Fordham Road																								
Eastbound													TR	0.56	7.4	A					TR	0.51	12.0	B
Westbound													LT	0.71	17.1	B					LT	0.62	21.6	C
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				LTR	0.50	46.8	D	Not Analyzed				LTR	0.48	46.0	D
Southbound													LTR	0.65	51.7	D					LTR	0.43	42.9	D
													Intersection		16.4	B					Intersection		19.5	B
Unsignalized Intersections																								
Reservoir Avenue/Grand Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.36	10.4	B	LTR	0.15	4.4	A	LTR	0.26	6.9	A	LTR	0.14	4.1	A	LTR	0.16	4.7	A	LTR	0.12	4.0	A
Westbound	LTR	0.03	1.0	A	LTR	0.05	2.2	A	LTR	0.08	2.9	A	LTR	0.06	2.4	A	LTR	0.09	3.3	A	LTR	0.05	2.3	A
Marion Avenue and East 198th Street																								
Eastbound	TR	---	9.0	A	TR	---	8.4	A	TR	---	8.8	A	TR	---	8.1	A	TR	---	8.2	A	TR	---	8.2	A
Westbound	LT	---	8.9	A	LT	---	8.7	A	LT	---	9.8	A	LT	---	8.9	A	LT	---	8.8	A	LT	---	8.8	A
Southbound	LTR	---	11.0	B	LTR	---	9.6	A	LTR	---	12.9	B	LTR	---	9.7	A	LTR	---	9.8	A	LTR	---	10.0	A
Briggs Avenue and East 198th Street																								
Eastbound	LT	---	8.7	A	LT	---	8.0	A	LT	---	8.1	A	LT	---	8.2	A	LT	---	8.4	A	LT	---	8.2	A
Westbound	TR	---	9.1	A	TR	---	8.6	A	TR	---	8.6	A	TR	---	8.2	A	TR	---	8.5	A	TR	---	8.8	A
Northbound	LTR	---	9.0	A	LTR	---	8.1	A	LTR	---	8.4	A	LTR	---	8.4	A	LTR	---	8.6	A	LTR	---	8.6	A
Bainbridge Avenue and East 198th Street																								
Eastbound	LT	---	9.6	A	LT	---	8.6	A	LT	---	8.3	A	LT	---	8.3	A	LT	---	8.6	A	LT	---	8.5	A
Westbound	TR	---	9.4	A	TR	---	8.7	A	TR	---	8.7	A	TR	---	8.4	A	TR	---	8.6	A	TR	---	8.8	A
Northbound	LTR	---	10.8	B	LTR	---	9.7	A	LTR	---	8.8	A	LTR	---	8.9	A	LTR	---	9.5	A	LTR	---	9.7	A
Creston Avenue and East 198th Street																								
Westbound	LT	0.01	1.8	A	LT	0.02	2.1	A	LT	0.02	2.2	A	LT	0.03	2.9	A	LT	0.03	2.9	A	LT	0.04	3.1	A
Southbound	LTR	0.08	11.0	B	LTR	0.08	10.8	B	LTR	0.11	11.9	B	LTR	0.13	11.5	B	LTR	0.12	11.3	B	LTR	0.06	11.1	B

Notes:

L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service

Further analysis refinements may be made between Draft and Final EIS.

Table D-2

Existing and 2032 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM								Weekday Midday								Weekday PM							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 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
Signalized Intersections																								
Major Deegan Expressway SB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Southbound																								
Major Deegan Expressway SB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Westbound																								
Southbound																								
Major Deegan Expressway NB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Northbound																								
Major Deegan Expressway NB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Westbound																								
Northbound																								
Bailey Avenue and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Northbound																								
Southbound																								
Southbound																								
Bailey Avenue and West 225th Street/West Kingsbridge Road																								
Eastbound	L	0.40	23.9	C	L	0.42	24.7	C	L	0.35	17.2	B	L	0.36	17.5	B	L	0.55	29.0	C	L	0.58	30.4	C
Eastbound	TR	0.46	20.0	B	TR	0.47	20.1	C	TR	0.31	14.4	B	TR	0.31	14.4	B	TR	0.43	19.4	B	TR	0.44	19.6	B
Westbound	L	0.15	5.7	A	L	0.15	5.8	A	L	0.09	2.7	A	L	0.09	2.7	A	L	0.10	15.5	B	L	0.10	15.8	B
Westbound	TR	0.64	10.1	B	TR	0.65	10.2	B	TR	0.45	3.6	A	TR	0.46	3.6	A	TR	0.57	19.0	B	TR	0.58	19.2	B
Northbound	LTR	1.94	37.1	D	LTR	2.06	37.5	D	LTR	0.87	30.4	C	LTR	0.92	30.7	C	LTR	1.42	41.0	D	LTR	1.48	41.6	D
Southbound	LTR	1.18	136.1	F	LTR	1.20	146.0	F	LTR	0.89	49.1	D	LTR	0.91	51.9	D	LTR	1.00	76.7	E	LTR	1.03	84.1	F
	Intersection		52.7	D	Intersection		55.7	E	Intersection		23.1	C	Intersection		24.0	C	Intersection		37.3	D	Intersection		39.4	D
Sedgwick Avenue and West Kingsbridge Road																								
Eastbound	L	0.27	14.0	B	L	0.29	14.3	B	L	0.12	1.4	A	L	0.13	1.9	A	L	0.29	5.7	A	L	0.30	7.1	A
Eastbound	TR	0.44	18.9	B	TR	0.46	19.1	B	TR	0.36	4.9	A	TR	0.37	5.2	A	TR	0.38	3.3	A	TR	0.41	4.2	A
Westbound	L	0.59	18.7	B	L	0.63	19.9	B	L	0.34	18.1	B	L	0.36	18.8	B	L	0.48	18.9	B	L	0.52	20.6	C
Westbound	TR	0.55	11.7	B	TR	0.56	11.9	B	TR	0.45	14.5	B	TR	0.46	14.6	B	TR	0.52	19.1	B	TR	0.53	18.6	B
Northbound	LTR	0.49	35.8	D	LTR	0.51	36.3	D	LTR	0.32	25.7	C	LTR	0.34	26.0	C	LTR	0.34	32.9	C	LTR	0.37	33.3	C
Southbound	LTR	1.16	143.5	F	LTR	1.22	165.6	F	LTR	0.81	48.4	D	LTR	0.85	52.1	D	LTR	0.85	59.5	E	LTR	0.89	64.3	E
	Intersection		39.4	D	Intersection		43.3	D	Intersection		18.8	B	Intersection		19.7	B	Intersection		22.1	C	Intersection		23.2	C
Bailey Avenue and Sedgwick Avenue																								
Westbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Northbound																								
Northbound																								
Southbound																								
Sedgwick Avenue and West Fordham Road																								
Eastbound	L	1.16	125.0	F	L	1.22	149.3	F	L	1.00	77.2	E	L	1.06	92.4	F	L	0.80	34.4	C	L	0.86	41.2	D
Eastbound	TR	0.55	17.7	B	TR	0.56	17.8	B	TR	0.52	16.0	B	TR	0.53	16.1	B	TR	0.49	14.1	B	TR	0.50	14.2	B
Westbound	LT	0.69	31.0	C	LT	0.70	31.5	C	LT	0.71	28.5	C	LT	0.73	28.9	C	LT	0.68	30.0	C	LT	0.69	30.4	C
Westbound	R	0.35	25.5	C	R	0.36	25.6	C	R	0.36	23.4	C	R	0.37	23.5	C	R	0.46	27.5	C	R	0.47	27.7	C
Northbound	LTR	1.46	267.8	F	LTR	1.51	291.2	F	LTR	0.70	34.8	C	LTR	0.73	36.8	D	LTR	1.61	335.9	F	LTR	1.68	365.0	F
Southbound	L	0.96	86.9	F	L	1.02	102.0	F	L	0.53	28.2	C	L	0.56	29.0	C	L	1.10	133.4	F	L	1.16	156.7	F
Southbound	T	0.67	39.9	D	T	0.68	40.4	D	T	0.39	22.5	C	T	0.40	22.7	C	T	0.64	42.6	D	T	0.65	43.1	D
Southbound	R	0.72	43.7	D	R	0.76	45.7	D	R	0.49	25.2	C	R	0.51	25.5	C	R	0.78	52.2	D	R	0.81	54.7	D
	Intersection		64.6	E	Intersection		70.7	E	Intersection		29.2	C	Intersection		31.1	C	Intersection		68.1	E	Intersection		73.9	E

Intersection	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 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
Signalized Intersections																								
Major Deegan Expressway SB Ramp and West 230th Street																								
Eastbound	T	0.34	14.7	B	T	0.34	14.7	B	Not Analyzed				Not Analyzed				T	0.24	13.7	B	T	0.24	13.7	B
Eastbound	R	0.23	14.3	B	R	0.23	14.4	B									R	0.34	15.9	B	R	0.34	16.0	B
Westbound	LT	0.39	7.1	A	LT	0.40	7.2	A									LT	1.84	8.1	A	LT	1.87	8.1	A
Southbound	LTR	0.64	33.7	C	LTR	0.66	34.0	C									LTR	0.91	41.7	D	LTR	0.93	43.1	D
	Intersection		17.6	B	Intersection		17.8	B									Intersection		21.1	C	Intersection		21.6	C
Major Deegan Expressway SB Ramp and West Fordham Road																								
Eastbound	T	0.65	28.6	C	T	0.66	29.0	C	Not Analyzed				Not Analyzed				T	0.63	32.1	C	T	0.64	32.4	C
Eastbound	R	0.40	24.7	C	R	0.40	24.9	C									R	0.60	34.1	C	R	0.61	34.4	C
Westbound	L	0.94	44.4	D	L	0.98	51.6	D									L	0.76	28.3	C	L	0.78	29.8	C
Westbound	T	0.38	6.2	A	T	0.39	6.2	A									T	0.32	4.2	A	T	0.33	4.2	A
Southbound	LTR	1.10	100.4	F	LTR	1.12	106.2	F									LTR	1.20	110.3	F	LTR	1.22	115.6	F
	Intersection		40.6	D	Intersection		43.0	D									Intersection		42.3	D	Intersection		43.8	D
Major Deegan Expressway NB Ramp and West 230th Street																								
Eastbound	LT	1.17	40.7	D	LT	1.20	43.7	D	Not Analyzed				Not Analyzed				LT	1.12	42.9	D	LT	1.14	45.7	D
Westbound	TR	0.24	1.5	A	TR	0.25	1.6	A									TR	0.28	1.5	A	TR	0.28	1.6	A
Northbound	L	0.73	43.7	D	L	0.74	44.3	D									L	0.77	45.8	D	L	0.78	46.9	D
Northbound	TR	0.77	47.7	D	TR	0.79	48.8	D									TR	1.02	89.3	F	TR	1.04	93.5	F
	Intersection		31.3	C	Intersection		32.8	C									Intersection		39.8	D	Intersection		41.7	D
Major Deegan Expressway NB Ramp and West Fordham Road																								
Eastbound	L	0.70	18.0	B	L	0.72	18.8	B	Not Analyzed				Not Analyzed				L	0.74	24.8	C	L	0.77	27.0	C
Eastbound	T	0.45	7.1	A	T	0.46	7.1	A									T	0.38	1.4	A	T	0.39	1.4	A
Westbound	T	0.54	50.2	D	T	0.55	50.5	D									T	0.45	10.4	B	T	0.46	10.3	B
Westbound	R	0.59	53.5	D	R	0.60	53.8	D									R	0.43	11.3	B	R	0.44	11.1	B
Northbound	LTR	0.98	72.1	E	LTR	1.00	78.0	E									LTR	0.99	63.6	E	LTR	1.02	68.4	E
	Intersection		39.8	D	Intersection		41.3	D									Intersection		22.9	C	Intersection		24.3	C
Bailey Avenue and West 230th Street																								
Eastbound	L	0.38	2.3	A	L	0.39	2.3	A	Not Analyzed				Not Analyzed				L	0.33	1.7	A	L	0.33	1.7	A
Eastbound	TR	0.30	2.0	A	TR	0.31	2.0	A									TR	0.45	1.9	A	TR	0.46	1.9	A
Northbound	LTR	1.29	61.0	E	LTR	1.34	65.6	E									LTR	1.27	72.6	E	LTR	1.32	78.0	E
Southbound	LT	0.62	37.7	D	LT	0.63	38.0	D									LT	0.66	39.5	D	LT	0.67	39.8	D
Southbound	R	0.56	27.8	C	R	0.57	28.1	C									R	0.73	35.1	D	R	0.74	35.6	D
	Intersection		27.8	C	Intersection		29.2	C									Intersection		31.4	C	Intersection		32.9	C
Bailey Avenue and West 225th Street/West Kingsbridge Road																								
Eastbound	L	0.45	19.7	B	L	0.47	20.2	C	L	0.46	20.9	C	L	0.48	21.5	C	L	0.36	17.2	B	L	0.37	17.4	B
Eastbound	TR	0.42	15.7	B	TR	0.43	15.8	B	TR	0.41	15.5	B	TR	0.42	15.6	B	TR	0.31	14.4	B	TR	0.32	14.5	B
Westbound	L	0.08	2.5	A	L	0.08	2.5	A	L	0.09	3.5	A	L	0.09	3.5	A	L	0.06	2.9	A	L	0.06	2.9	A
Westbound	TR	0.42	3.2	A	TR	0.43	3.2	A	TR	0.52	5.1	A	TR	0.53	5.1	A	TR	0.39	3.8	A	TR	0.40	3.8	A
Northbound	LTR	0.88	31.7	C	LTR	0.93	32.2	C	LTR	1.37	31.6	C	LTR	1.46	31.9	C	LTR	0.48	30.1	C	LTR	0.88	30.4	C
Southbound	LTR	0.92	55.1	E	LTR	0.94	59.4	E	LTR	1.10	97.3	F	LTR	1.12	107.8	F	LTR	0.95	57.7	E	LTR	0.97	62.4	E
	Intersection		25.1	C	Intersection		26.3	C	Intersection		38.2	D	Intersection		41.3	D	Intersection		26.8	C	Intersection		28.3	C
Sedgwick Avenue and West Kingsbridge Road																								
Eastbound	L	0.23	2.7	A	L	0.24	3.3	A	L	0.16	2.2	A	L	0.17	2.9	A	L	0.18	2.1	A	L	0.18	2.5	A
Eastbound	TR	0.37	4.7	A	TR	0.39	5.0	A	TR	0.40	4.7	A	TR	0.42	5.2	A	TR	0.36	4.9	A	TR	0.38	5.1	A
Westbound	L	0.35	15.4	B	L	0.38	16.2	B	L	0.39	15.8	B	L	0.43	17.6	B	L	0.27	12.5	B	L	0.29	13.3	B
Westbound	TR	0.46	12.6	B	TR	0.47	12.6	B	TR	0.47	11.7	B	TR	0.48	11.9	B	TR	0.40	10.9	B	TR	0.41	10.9	B
Northbound	LTR	0.37	26.4	C	LTR	0.39	26.7	C	LTR	0.35	26.1	C	LTR	0.37	26.4	C	LTR	0.31	25.5	C	LTR	0.32	25.7	C
Southbound	LTR	0.78	44.3	D	LTR	0.81	47.1	D	LTR	0.86	52.8	D	LTR	0.91	59.3	E	LTR	0.69	38.4	D	LTR	0.72	40.0	D
	Intersection		16.9	B	Intersection		17.6	B	Intersection		18.6	B	Intersection		20.2	C	Intersection		14.8	B	Intersection		15.3	B
Bailey Avenue and Sedgwick Avenue																								
Westbound	LT	0.54	21.1	C	LT	0.59	22.3	C	Not Analyzed				Not Analyzed				LT	0.43	18.9	B	LT	0.47	19.6	B
Northbound	T	0.16	5.8	A	T	0.17	5.8	A									T	0.12	8.0	A	T	0.12	7.9	A
Northbound	R	0.39	8.2	A	R	0.41	8.4	A									R	0.35	10.0	A	R	0.37	9.9	A
Southbound	LT	0.30	8.8	A	LT	0.30	8.8	A									LT	0.28	8.7	A	LT	0.29	8.8	A
	Intersection		10.9	B	Intersection		11.4	B									Intersection		11.0	B	Intersection		11.3	B
Sedgwick Avenue and West Fordham Road																								
Eastbound	L	0.84	44.7	D	L	0.89	44.7	D	L	0.96	66.0	E	L	1.04	85.8	F	L	1.00	97.4	F	L	1.06	112.9	F
Eastbound	TR	0.47	16.0	B	TR	0.48	16.1	B	TR	0.47	16.2	B	TR	0.47	16.3	B	TR	0.43	6.2	A	TR	0.43	6.3	A
Westbound	LT	0.70	30.6	C	LT	0.71	31.1	C	LT	0.81	36.7	D	LT	0.83	37.9	D	LT	0.76	33.9	C	LT	0.77	34.5	C
Westbound	R	0.37	25.0	C	R	0.37	25.1	C	R	0.35	25.3	C	R	0.36	25.4	C	R	0.32	24.6	C	R	0.32	24.6	C
Northbound	LTR	1.09	123.8	F	LTR	1.14	140.2	F	LTR	1.11	127.0	F	LTR	1.16	144.4	F	LTR	0.70	45.4	D	LTR	0.72	47.1	D
Southbound	L	0.69	51.6	D	L	0.73	54.7	D	L	0.68	46.2	D	L	0.73	49.9	D	L	0.33	30.4	C	L	0.35	30.8	C
Southbound	T	0.51	38.7	D	T	0.52	39.0	D	T	0.54	35.3	D	T	0.55	35.6	D	T	0.44	31.1	C	T	0.45	31.2	C
Southbound	R	0.66	44.6	D	R	0.68	45.5	D	R	0.71	42.8	D	R	0.74	44.2	D	R	0.55	34.1	C	R	0.56	34.4	C
	Intersection		38.0	D	Intersection		40.6	D	Intersection		43.0	D	Intersection		47.3	D	Intersection		33.2	C	Intersection		35.3	D

Table D-2

Existing and 2032 No Action Conditions Traffic Level of Service Analysis

	Weekday AM								Weekday Midday								Weekday PM								Weekday Evening							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Webb Avenue and West Kingsbridge Road																																
Eastbound	TR	1.09	84.1	F	TR	1.12	95.5	F	TR	0.81	40.1	D	TR	0.84	41.5	D	TR	0.74	23.2	C	TR	0.77	24.5	C	TR	0.78	38.6	D	TR	0.81	39.6	D
Westbound	LT	1.06	43.6	D	LT	1.09	56.0	E	LT	0.49	14.2	B	LT	0.51	14.9	B	LT	0.62	23.5	C	LT	0.65	24.6	C	LT	0.49	15.1	B	LT	0.51	15.8	B
Northbound	L	0.39	39.6	D	L	0.40	39.8	D	L	0.51	37.3	D	L	0.52	37.7	D	L	0.82	62.7	E	L	0.83	64.4	E	L	0.30	31.7	C	L	0.31	31.8	C
Northbound	R	0.18	33.7	C	R	0.11	19.5	B	R	0.29	31.3	C	R	0.15	14.9	B	R	0.45	39.5	D	R	0.28	22.0	C	R	0.15	28.6	C	R	0.07	14.1	B
Southbound	LTR	0.54	42.6	D	LTR	0.55	43.1	D	LTR	0.32	31.6	C	LTR	0.32	31.6	C	LTR	0.36	37.5	D	LTR	0.37	37.8	D	LTR	0.38	32.9	C	LTR	0.38	33.1	C
	Intersection		61.0	E	Intersection		70.9	E	Intersection		29.5	C	Intersection		29.6	C	Intersection		30.4	C	Intersection		30.0	C	Intersection		28.1	C	Intersection		28.6	C
University Avenue and West Kingsbridge Road																																
Eastbound	LTR	0.67	37.3	D	LTR	0.69	36.7	D	LTR	0.73	20.1	C	LTR	0.75	20.0	B	LTR	0.71	23.2	C	LTR	0.75	22.8	C	LTR	0.74	17.9	B	LTR	0.78	18.1	B
Westbound	LTR	1.05	68.3	E	LTR	1.13	96.8	F	LTR	0.86	32.3	C	LTR	0.92	39.8	D	LTR	0.88	35.4	D	LTR	0.94	43.4	D	LTR	0.96	45.1	D	LTR	1.04	64.5	E
Northbound	L	0.84	77.0	E	L	0.87	81.8	F	L	0.51	33.1	C	L	0.53	33.6	C	L	0.69	55.8	E	L	0.71	58.2	E	L	0.48	32.0	C	L	0.49	32.4	C
Northbound	TR	0.73	53.4	D	TR	0.75	54.4	D	TR	0.50	31.3	C	TR	0.52	32.0	C	TR	0.71	51.8	D	TR	0.73	53.0	D	TR	0.61	34.6	C	TR	0.62	35.0	C
Southbound	LTR	0.75	54.1	D	LTR	0.77	56.5	E	LTR	0.44	29.3	C	LTR	0.45	29.4	C	LTR	0.53	42.6	D	LTR	0.54	43.0	D	LTR	0.42	28.7	C	LTR	0.43	28.9	C
	Intersection		56.2	E	Intersection		68.5	E	Intersection		27.2	C	Intersection		29.7	C	Intersection		34.6	C	Intersection		37.4	D	Intersection		31.5	C	Intersection		38.4	D
University Avenue and West Fordham Road																																
Eastbound	T	0.79	36.5	D	T	0.81	37.4	D	T	0.72	30.7	C	T	0.73	31.1	C	T	0.74	36.2	D	T	0.76	36.8	D	T	0.72	35.3	D	T	0.73	35.8	D
Eastbound	R	0.63	40.8	D	R	0.64	41.6	D	R	0.67	41.0	D	R	0.69	42.3	D	R	0.59	40.4	D	R	0.60	41.4	D	R	0.61	41.5	D	R	0.62	42.5	D
Westbound	L	1.11	130.5	F	L	1.15	146.3	F	L	0.67	34.0	C	L	0.70	36.2	D	L	0.59	30.3	C	L	0.61	31.4	C	L	0.62	31.4	C	L	0.64	32.9	C
Westbound	T	0.49	20.5	C	T	0.50	20.6	C	T	---	---	---	T	---	---	---	T	0.53	20.1	C	T	0.54	20.3	C	T	---	---	---	T	---	---	---
Westbound	R	0.19	17.2	B	R	0.19	17.3	B	R	---	---	---	R	---	---	---	R	0.17	15.8	B	R	0.17	15.9	B	R	---	---	---	R	---	---	---
Westbound	TR	---	---	---	TR	---	---	---	TR	0.65	21.2	C	TR	0.66	21.4	C	TR	---	---	---	TR	---	---	---	TR	0.63	22.4	C	TR	0.64	22.7	C
Northbound	L	0.78	58.9	E	L	0.80	62.3	E	L	0.53	31.0	C	L	0.55	31.8	C	L	0.63	46.6	D	L	0.65	48.5	D	L	0.61	43.4	D	L	0.63	44.6	D
Northbound	T	0.50	34.6	C	T	0.52	35.0	C	T	0.44	25.7	C	T	0.45	26.0	C	T	0.50	35.8	D	T	0.51	36.2	D	T	0.46	34.7	C	T	0.47	34.9	C
Northbound	R	0.50	35.6	D	R	0.50	35.9	D	R	0.38	25.4	C	R	0.39	25.6	C	R	0.67	44.9	D	R	0.68	45.8	D	R	0.42	34.6	C	R	0.42	34.8	C
Southbound	L	0.34	32.3	C	L	0.35	32.7	C	L	0.36	25.7	C	L	0.37	26.0	C	L	0.59	43.7	D	L	0.61	45.0	D	L	0.41	35.7	D	L	0.42	36.3	D
Southbound	T	0.64	39.2	D	T	0.65	39.9	D	T	0.51	27.6	C	T	0.52	28.0	C	T	0.57	38.0	D	T	0.58	38.5	D	T	0.44	34.2	C	T	0.45	34.5	C
Southbound	R	0.62	40.9	D	R	0.65	42.5	D	R	0.39	25.7	C	R	0.41	26.1	C	R	0.57	39.7	D	R	0.59	40.7	D	R	0.64	43.2	D	R	0.67	44.4	D
	Intersection		39.8	D	Intersection		41.4	D	Intersection		27.4	C	Intersection		28.0	C	Intersection		33.2	C	Intersection		33.9	C	Intersection		32.5	C	Intersection		33.1	C
Reservoir Avenue and West 197th Street																																
Eastbound																									LTR	0.21	15.5	B	LTR	0.21	15.6	B
Westbound																									LTR	0.13	1.5	A	LTR	0.14	1.5	A
Northbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				TR	0.15	37.8	D	TR	0.15	37.7	D
Southbound																									LT	0.28	21.6	C	LT	0.28	21.7	C
																									Intersection		21.9	C	Intersection		21.9	C
Reservoir Avenue/Goulden Avenue and Strong Street																																
Eastbound	LT	0.46	33.5	C	LT	0.47	33.8	C	LT	0.18	26.5	C	LT	0.18	26.5	C	LT	0.27	28.3	C	LT	0.28	28.3	C	LT	0.23	27.4	C	LT	0.24	27.5	C
Northbound	L	0.32	6.8	A	L	0.33	7.0	A	L	0.17	5.4	A	L	0.18	5.4	A	L	0.45	9.9	A	L	0.47	10.4	B	L	0.29	7.6	A	L	0.30	7.7	A
Northbound	T	0.25	5.6	A	T	0.25	5.7	A	T	0.14	5.0	A	T	0.14	5.1	A	T	0.19	6.0	A	T	0.19	6.0	A	T	0.15	6.0	A	T	0.15	6.0	A
Southbound	T	0.60	28.3	C	T	0.62	28.8	C	T	0.44	24.2	C	T	0.46	24.6	C	T	0.62	28.8	C	T	0.65	29.8	C	T	0.49	9.0	A	T	0.51	9.3	A
Southeastbound	R	0.54	36.8	D	R	0.54	37.0	D	R	0.25	31.7	C	R	0.25	31.8	C	R	0.43	34.5	C	R	0.44	34.7	C	R	0.39	45.5	D	R	0.39	45.6	D
	Intersection		23.4	C	Intersection		23.6	C	Intersection		19.0	B	Intersection		19.1	B	Intersection		21.9	C	Intersection		22.5	C	Intersection		18.0	B	Intersection		18.0	B
Reservoir Avenue and West 195th Street																																
Westbound	LTR	0.65	32.7	C	LTR	0.66	33.5	C	LTR	0.41	35.0	D	LTR	0.42	35.3	D	LTR	0.69	33.9	C	LTR	0.71	34.7	C	LTR	0.50	36.7	D	LTR	0.51	36.8	D
Northbound	LTR	0.31	12.0	B	LTR	0.32	12.0	B	LTR	0.18	11.4	B	LTR	0.19	11.6	B	LTR	0.26	11.4	B	LTR	0.27	11.4	B	LTR	0.19	11.8	B	LTR	0.19	11.9	B
Southbound	LTR	0.65	18.9	B	LTR	0.67	19.1	B	LTR	0.35	12.1	B	LTR	0.36	12.1	B	LTR	0.56	15.3	B	LTR	0.58	15.3	B	LTR	0.43	15.3	B	LTR	0.45	15.2	B
	Intersection		19.8	B	Intersection		20.1	C	Intersection		17.3	B	Intersection		17.4	B	Intersection		19.0	B	Intersection		19.2	B	Intersection		19.8	B	Intersection		19.8	B
Reservoir Avenue/Aqueduct Avenue and West Kingsbridge Road																																
Eastbound	T	0.46	17.7	B	T	0.47	17.7	B	T	0.43	7.2	A	T	0.45	7.2	A	T	0.53	10.1	B	T	0.55	10.0	B	T	0.42	6.8	A	T	0.44	6.6	A
Westbound	T	0.41	19.0	B	T	0.42	19.3	B	T	0.26	14.4	B	T	0.27	14.5	B	T	0.26	17.2	B	T	0.28	17.3	B	T	0.32	15.0	B	T	0.33	15.2	B
Northbound	LTR	0.27	31.6	C	LTR	0.27	31.6	C	LTR	0.17	24.2	C	LTR	0.17	24.2	C	LTR	0.26	31.3	C	LTR	0.26	31.4	C	LTR	0.14	23.8	C	LTR	0.14	23.8	C
Southbound	L	0.62	41.9	D	L	0.63	42.3	D	L	0.28	27.6	C	L	0.26	27.0	C	L	0.32	32.7	C	L	0.33	32.8	C	L	0.32	25.9	C	L	0.32	25.8	C
Southbound	R	0.54	38.8	D	R	0.55	39.0	D	R	0.35	29.3	C	R	0.36	29.4	C	R	0.48	36.6	D	R	0.49	36.9	D	R	0.39	27.5	C	R	0.39	27.4	C
	Intersection		24.5	C	Intersection		24.6	C	Intersection		14.3	B	Intersection		14.2	B	Intersection		18.4	B	Intersection		18.3	B	Intersection		14.1	B	Intersection		14.0	B
Jerome Avenue and East 198th Street																																
Westbound	LT	0.22	45.3	D	LT	0.23	45.5	D	LT	0.24	26.2	C	LT	0.25	26.3	C	LT	0.24	23.5	C	LT	0.24	23.6	C	LT	0.26	26.6	C	LT	0.27	26.8	C
Northbound	TR	0.53	12.0	B	TR	0.54	12.3	B	TR	0.46	7.5	A	TR	0.47	7.6	A	TR	0.60	9.0	A	TR	0.62	9.3	A	TR	0.56	8.2	A	TR	0.57	8.4	A
Southbound	LT	0.51	21.8	C	LT	0.51	21.9	C	LT	0.41	16.6	B	LT	0.41	16.7	B	LT	0.50	21.4	C	LT	0.50	21.6	C	LT	0.43	16.8	B	LT	0.43	16.9	B
	Intersection		19.9	B	Intersection		20.1	C	Intersection		13.6	B	Intersection		13.7	B	Intersection		15.5	B	Intersection		15.7	B	Intersection		13.7	B	Intersection		13.8	B
Jerome Avenue and Morris Avenue																																
Westbound	LTR	0.10	29.5	C	LTR	0.10	29.5	C	LTR	0.13	24.4	C	LTR	0.13	24.4	C	LTR	0.15	30.3	C	LTR	0.16	30.3	C	LTR	0.23	25.8	C	LTR	0.23	25.9	C
Northbound	LT	0.33	13.2	B	LT	0.34	13.4	B	LT	0.31	12.7	B	LT	0.33	12.9	B	LT	0.46	6.3	A	LT	0.48	6.2	A	LT	0.43	15.5	B	LT	0.44	15.7	B
Southbound	TR	0.41	7.9	A	TR	0.41	7.9	A	TR	0.41	8.6	A	TR	0.41	8.7	A	TR	0.47	10.7	B	TR	0.47	10.8	B	TR	0.45	8.5	A	TR	0.45	8.5	A
	Intersection		11.5	B	Intersection		11.7	B	Intersection		11.7	B	Intersection		11.8	B	Intersection		10.4	B	Intersection		10.3	B	Intersection		13.6	B	Intersection		13.7	B
Jerome Avenue and East 196th Street																																
Westbound	LT	0.26	29.8	C	LT	0.30	31.0	C	LT	0.27	26.2	C	LT	0.29	26.6	C	LT	0.36	23.7	C	LT	0.39	23.8	C	LT	0.37	27.8	C	LT	0.39	28.3	C
Northbound	TR	0.56	18.1	B	TR	0.58	18.2	B	TR	0.50	9.2	A	TR	0.52	9.4	A	TR	0.64	21.4	C	TR	0.66	21.5	C	TR	0.64	13.3	B	TR	0.66	13.4	B
Southbound	LT	0.56	15.6	B	LT	0.57	15.7	B	LT	0.57	19.7	B	LT	0.58	20.1	C	LT	0.70	43.6	D	LT	0.73	44.8	D	LT	0.65	24.5	C	LT	0.66	24.8	C
	Intersection		18.7	B	Intersection		19.3	B	Intersection		16.7	B	Intersection		17.1	B	Intersection		31.0	C	Intersection		31.4	C	Intersection		20.5	C	Intersection		20.8	C

	Saturday Midday/Afternoon								Saturday Evening							
	Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Webb Avenue and West Kingsbridge Road																
Eastbound	TR	0.74	37.9	D	TR	0.77	38.3	D	TR	0.74	37.4	D	TR	0.77	38.0	D
Westbound	LT	0.46	12.8	B	LT	0.48	13.9	B	LT	0.37	11.4	B	LT	0.38	12.3	B
Northbound	L	0.24	30.4	C	L	0.24	30.5	C	L	0.15	28.6	C	L	0.15	28.7	C
Northbound	R	0.09	27.7	C	R	0.04	13.8	B	R	0.07	27.3	C	R	0.03	13.7	B
Southbound	LTR	0.44	34.6	C	LTR	0.45	34.9	C	LTR	0.33	31.8	C	LTR	0.34	31.9	C
	Intersection		26.3	C	Intersection		26.8	C	Intersection		26.3	C	Intersection		26.8	C
University Avenue and West Kingsbridge Road																
Eastbound	LTR	0.67	16.2	B	LTR	0.70	16.0	B	LTR	0.70	15.9	B	LTR	0.73	16.3	B
Westbound	LTR	0.82	26.5	C	LTR	0.91	35.9	D	LTR	0.75	23.5	C	LTR	0.81	27.0	C
Northbound	L	0.56	34.6	C	L	0.59	35.8	D	L	0.46	30.8	C	L	0.48	31.3	C
Northbound	TR	0.64	36.0	D	TR	0.66	36.6	D	TR	0.47	29.9	C	TR	0.48	30.1	C
Southbound	LTR	0.44	29.3	C	LTR	0.45	29.5	C	LTR	0.43	29.1	C	LTR	0.45	29.4	C
	Intersection		25.0	C	Intersection		28.1	C	Intersection		22.5	C	Intersection		23.8	C
University Avenue and West Fordham Road																
Eastbound	T	0.66	34.8	C	T	0.68	35.3	D	T	0.57	32.5	C	T	0.58	32.8	C
Eastbound	R	0.50	36.7	D	R	0.52	37.5	D	R	0.60	42.2	D	R	0.62	43.5	D
Westbound	L	0.50	27.0	C	L	0.51	27.7	C	L	0.44	24.7	C	L	0.45	25.0	C
Westbound	T	---	---	---	T	---	---	---	T	---	---	---	T	---	---	---
Westbound	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	TR	0.68	25.1	C	TR	0.69	25.4	C	TR	0.58	22.4	C	TR	0.59	22.7	C
Northbound	L	0.48	35.9	D	L	0.49	36.6	D	L	0.44	34.3	C	L	0.45	34.7	C
Northbound	T	0.41	32.2	C	T	0.43	32.5	C	T	0.34	30.7	C	T	0.35	30.8	C
Northbound	R	0.38	32.2	C	R	0.38	32.4	C	R	0.45	34.0	C	R	0.45	34.2	C
Southbound	L	0.39	33.5	C	L	0.40	33.9	C	L	0.36	32.4	C	L	0.37	32.8	C
Southbound	T	0.41	32.1	C	T	0.42	32.4	C	T	0.34	30.7	C	T	0.35	30.9	C
Southbound	R	0.44	33.7	C	R	0.46	34.2	C	R	0.48	34.8	C	R	0.49	35.3	D
	Intersection		30.9	C	Intersection		31.3	C	Intersection		29.7	C	Intersection		30.0	C
Reservoir Avenue and West 197th Street																
Eastbound									LTR	0.18	15.2	B	LTR	0.18	15.2	B
Westbound									LTR	0.08	3.4	A	LTR	0.08	3.3	A
Northbound	Not Analyzed				Not Analyzed				TR	0.09	33.3	C	TR	0.09	33.3	C
Southbound									LT	0.20	20.6	C	LT	0.20	20.7	C
									Intersection		19.9	B	Intersection		19.9	B
Reservoir Avenue/Goulden Avenue and Strong Street																
Eastbound	LT	0.22	27.1	C	LT	0.22	27.2	C	LT	0.21	27.0	C	LT	0.22	27.1	C
Northbound	L	0.22	5.9	A	L	0.23	6.0	A	L	0.12	6.6	A	L	0.12	6.5	A
Northbound	T	0.12	5.1	A	T	0.12	5.1	A	T	0.09	6.4	A	T	0.09	6.3	A
Southbound	T	0.46	24.5	C	T	0.49	25.1	C	T	0.25	2.8	A	T	0.26	2.8	A
Southeastbound	R	0.36	33.3	C	R	0.37	33.4	C	R	0.34	46.3	D	R	0.34	46.4	D
	Intersection		20.8	C	Intersection		21.1	C	Intersection		20.1	C	Intersection		19.9	B
Reservoir Avenue and West 195th Street																
Westbound	LTR	0.42	35.9	D	LTR	0.42	36.3	D	LTR	0.29	22.6	C	LTR	0.29	22.6	C
Northbound	LTR	0.22	10.3	B	LTR	0.22	10.3	B	LTR	0.18	12.1	B	LTR	0.19	12.1	B
Southbound	LTR	0.40	15.3	B	LTR	0.43	15.1	B	LTR	0.31	18.7	B	LTR	0.32	18.6	B
	Intersection		18.5	B	Intersection		18.4	B	Intersection		17.4	B	Intersection		17.3	B
Reservoir Avenue/Aqueduct Avenue and West Kingsbridge Road																
Eastbound	T	0.44	7.5	A	T	0.46	7.3	A	T	0.39	7.8	A	T	0.41	7.7	A
Westbound	T	0.28	14.6	B	T	0.29	14.8	B	T	0.25	14.3	B	T	0.26	14.4	B
Northbound	LTR	0.26	25.5	C	LTR	0.26	25.6	C	LTR	0.16	24.0	C	LTR	0.16	24.0	C
Southbound	L	0.33	14.4	B	L	0.34	15.0	B	L	0.22	25.5	C	L	0.23	25.4	C
Southbound	R	0.30	14.2	B	R	0.31	14.8	B	R	0.25	25.9	C	R	0.25	25.9	C
	Intersection		12.2	B	Intersection		12.3	B	Intersection		13.6	B	Intersection		13.5	B
Jerome Avenue and East 198th Street																
Westbound	LT	0.32	27.7	C	LT	0.33	27.8	C	LT	0.23	26.0	C	LT	0.23	26.0	C
Northbound	TR	0.47	6.3	A	TR	0.49	6.6	A	TR	0.46	7.6	A	TR	0.47	7.8	A
Southbound	LT	0.39	16.2	B	LT	0.39	16.3	B	LT	0.33	15.3	B	LT	0.33	15.4	B
	Intersection		13.4	B	Intersection		13.6	B	Intersection		12.8	B	Intersection		12.8	B
Jerome Avenue and Morris Avenue																
Westbound	LTR	0.13	24.4	C	LTR	0.13	24.4	C	LTR	0.19	25.2	C	LTR	0.19	25.2	C
Northbound	LT	0.36	21.4	C	LT	0.38	21.6	C	LT	0.28	20.0	C	LT	0.29	20.1	C
Southbound	TR	0.43	8.0	A	TR	0.43	8.1	A	TR	0.34	7.5	A	TR	0.35	7.6	A
	Intersection		15.0	B	Intersection		15.3	B	Intersection		14.8	B	Intersection		14.9	B
Jerome Avenue and East 196th Street																
Westbound	LT	0.32	26.9	C	LT	0.35	27.5	C	LT	0.23	25.6	C	LT	0.25	25.9	C
Northbound	TR	0.57	20.2	C	TR	0.59	20.1	C	TR	0.44	11.2	B	TR	0.45	11.2	B
Southbound	LT	0.56	18.6	B	LT	0.58	19.2	B	LT	0.52	20.7	C	LT	0.53	22.2	C
	Intersection		20.7	C	Intersection		21.1	C	Intersection		17.7	B	Intersection		18.5	B

Table D-2

Existing and 2032 No Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM								Weekday Midday								Weekday PM							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 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
Jerome Avenue and East 195th Street																								
Eastbound	LT	0.66	51.9	D	LT	0.67	52.6	D	LT	0.33	34.8	C	LT	0.34	35.0	D	LT	0.63	49.3	D	LT	0.65	50.6	D
Northbound	LT	0.79	31.1	C	LT	0.83	34.5	C	LT	0.62	15.1	B	LT	0.65	16.2	B	LT	0.76	38.1	D	LT	0.81	41.3	D
Southbound	TR	0.80	26.5	C	TR	0.85	31.4	C	TR	0.80	23.0	C	TR	0.83	25.6	C	TR	0.89	37.2	D	TR	0.92	42.2	D
	Intersection		33.6	C	Intersection		36.9	D	Intersection		21.7	C	Intersection		23.4	C	Intersection		40.0	D	Intersection		43.6	D
Jerome Avenue and West Kingsbridge Road/East Kingsbridge Road																								
Eastbound	LTR	0.86	45.8	D	LTR	0.90	50.8	D	LTR	0.67	29.7	C	LTR	0.71	31.0	C	LTR	0.92	53.9	D	LTR	0.99	68.9	E
Westbound	LTR	0.79	23.3	C	LTR	0.81	24.1	C	LTR	0.59	17.5	B	LTR	0.60	17.9	B	LTR	0.71	44.2	D	LTR	0.74	46.0	D
Northbound	LTR	0.82	55.7	E	LTR	0.85	59.8	E	LTR	0.86	52.5	D	LTR	0.88	55.0	D	LTR	0.81	51.7	D	LTR	0.85	56.4	E
Southbound	LT	0.67	31.6	C	LT	0.69	30.6	C	LT	0.57	37.4	D	LT	0.58	37.9	D	LT	0.69	43.8	D	LT	0.72	44.8	D
Southbound	R	0.30	22.7	C	R	0.34	22.5	C	R	0.31	33.1	C	R	0.35	33.7	C	R	0.29	34.6	C	R	0.33	35.4	D
	Intersection		36.2	D	Intersection		38.5	D	Intersection		31.7	C	Intersection		32.8	C	Intersection		48.3	D	Intersection		55.2	E
Morris Avenue and East Kingsbridge Road																								
Eastbound	LT	0.46	5.8	A	LT	0.48	5.7	A	LT	0.35	5.8	A	LT	0.37	5.7	A	LT	0.45	7.6	A	LT	0.49	7.8	A
Westbound	TR	0.46	6.1	A	TR	0.48	6.3	A	TR	0.32	3.1	A	TR	0.34	3.2	A	TR	0.43	5.3	A	TR	0.44	5.4	A
Northbound	LTR	0.15	26.7	C	LTR	0.15	26.7	C	LTR	0.20	21.8	C	LTR	0.20	21.9	C	LTR	0.20	27.6	C	LTR	0.20	27.7	C
	Intersection		7.0	A	Intersection		7.0	A	Intersection		6.0	A	Intersection		6.0	A	Intersection		7.9	A	Intersection		8.0	A
Creston Avenue and East Kingsbridge Road																								
Eastbound	TR	0.46	14.7	B	TR	0.47	15.6	B	TR	0.39	5.6	A	TR	0.40	6.0	A	TR	0.44	6.4	A	TR	0.45	6.2	A
Westbound	LT	0.44	16.6	B	LT	0.45	16.8	B	LT	0.33	15.8	B	LT	0.34	16.0	B	LT	0.40	18.2	B	LT	0.42	18.5	B
Southbound	LTR	0.31	33.1	C	LTR	0.33	33.5	C	LTR	0.28	25.2	C	LTR	0.30	25.4	C	LTR	0.32	33.1	C	LTR	0.33	33.4	C
	Intersection		17.2	B	Intersection		17.8	B	Intersection		11.9	B	Intersection		12.2	B	Intersection		14.1	B	Intersection		14.2	B
Grand Concourse and East 198th Street																								
Eastbound	TR	0.29	45.3	D	TR	0.29	45.7	D	TR	0.21	29.9	C	TR	0.22	30.1	C	TR	0.22	15.3	B	TR	0.23	15.7	B
Westbound	TR	0.54	33.8	C	TR	0.55	34.1	C	TR	0.47	44.7	D	TR	0.48	45.1	D	TR	0.46	37.5	D	TR	0.48	37.8	D
Northbound	L	0.22	31.5	C	L	0.22	31.8	C	L	0.21	67.9	E	L	0.21	66.8	E	L	0.26	87.0	F	L	0.26	86.8	F
Northbound	T	0.23	38.1	D	T	0.24	38.5	D	T	0.26	11.6	B	T	0.27	12.0	B	T	0.55	3.2	A	T	0.56	3.2	A
Northbound	TR	0.40	38.2	D	TR	0.43	38.4	D	TR	0.44	19.9	B	TR	0.46	20.8	C	TR	0.57	19.9	B	TR	0.60	21.1	C
Southbound	L	0.42	63.1	E	L	0.42	63.1	E	L	0.21	55.3	E	L	0.21	55.3	E	L	0.16	53.9	D	L	0.16	53.9	D
Southbound	T	0.79	32.5	C	T	0.80	33.1	C	T	0.38	23.3	C	T	0.39	23.4	C	T	0.42	22.8	C	T	0.43	22.9	C
Southbound	TR	0.45	24.6	C	TR	0.46	24.7	C	TR	0.33	23.4	C	TR	0.34	23.5	C	TR	0.31	21.8	C	TR	0.31	21.8	C
	Intersection		29.7	C	Intersection		30.2	C	Intersection		17.1	B	Intersection		17.1	B	Intersection		12.6	B	Intersection		12.6	B
Grand Concourse and East 196th Street																								
Eastbound	TR	0.53	56.0	E	TR	0.54	56.4	E	TR	0.38	38.3	D	TR	0.38	38.4	D	TR	0.44	17.8	B	TR	0.45	19.2	B
Westbound	TR	0.54	43.9	D	TR	0.58	45.6	D	TR	0.52	42.4	D	TR	0.55	43.3	D	TR	0.78	56.6	E	TR	0.81	59.3	E
Northbound	L	0.40	59.9	E	L	0.41	61.0	E	L	0.52	70.8	E	L	0.53	70.5	E	L	0.77	112.9	F	L	0.78	112.9	F
Northbound	T	0.31	17.8	B	T	0.32	18.0	B	T	0.32	15.1	B	T	0.33	15.5	B	T	0.63	6.2	A	T	0.64	6.9	A
Northbound	TR	0.34	20.7	C	TR	0.35	20.9	C	TR	0.41	17.0	B	TR	0.41	17.1	B	TR	0.48	14.4	B	TR	0.49	14.7	B
Southbound	L	0.31	84.4	F	L	0.31	83.4	F	L	0.15	36.2	D	L	0.15	36.2	D	L	0.16	43.0	D	L	0.16	42.8	D
Southbound	T	0.84	14.5	B	T	0.86	14.8	B	T	0.39	26.7	C	T	0.40	26.6	C	T	0.38	54.5	D	T	0.39	54.5	D
Southbound	TR	0.84	35.2	D	TR	0.86	37.0	D	TR	0.53	28.7	C	TR	0.54	29.0	C	TR	0.59	46.8	D	TR	0.60	47.2	D
	Intersection		16.5	B	Intersection		16.7	B	Intersection		20.8	C	Intersection		20.8	C	Intersection		25.8	C	Intersection		26.1	C
Grand Concourse and East Kingsbridge Road																								
Eastbound	TR	0.59	58.3	E	TR	0.61	59.2	E	TR	0.57	42.4	D	TR	0.60	43.5	D	TR	0.64	60.0	E	TR	0.67	60.9	E
Westbound	TR	0.27	73.5	E	TR	0.28	73.6	E	TR	0.34	36.6	D	TR	0.35	36.8	D	TR	0.32	20.1	C	TR	0.33	20.4	C
Northbound	L	0.72	67.3	E	L	0.73	68.4	E	L	0.80	109.6	F	L	0.81	111.0	F	L	1.42	290.5	F	L	1.46	305.2	F
Northbound	T	0.31	50.3	D	T	0.32	50.6	D	T	0.32	9.6	A	T	0.32	9.6	A	T	0.72	8.9	A	T	0.73	9.2	A
Northbound	TR	0.34	36.0	D	TR	0.35	36.2	D	TR	0.39	16.2	B	TR	0.39	16.1	B	TR	0.54	21.1	C	TR	0.55	21.3	C
Southbound	L	0.36	82.7	F	L	0.37	82.3	F	L	0.36	74.5	E	L	0.37	74.5	E	L	0.32	58.4	E	L	0.33	58.6	E
Southbound	T	0.92	17.3	B	T	0.94	18.4	B	T	0.40	7.7	A	T	0.40	7.9	A	T	0.45	41.2	D	T	0.46	41.7	D
Southbound	TR	0.94	37.0	D	TR	0.97	40.6	D	TR	0.64	19.8	B	TR	0.65	20.6	C	TR	0.73	50.1	D	TR	0.75	51.1	D
	Intersection		26.5	C	Intersection		27.3	C	Intersection		20.7	C	Intersection		20.9	C	Intersection		51.6	D	Intersection		53.7	D
Grand Concourse and East 192nd Street																								
Eastbound	TR	0.14	28.6	C	TR	0.14	28.6	C	TR	0.13	26.5	C	TR	0.13	26.5	C	TR	0.13	28.5	C	TR	0.13	28.5	C
Northbound	L	0.39	68.4	E	L	0.39	68.4	E	L	0.50	74.1	E	L	0.51	74.9	E	L	0.57	79.6	E	L	0.59	81.7	F
Northbound	T	0.38	21.6	C	T	0.39	21.7	C	T	0.42	23.9	C	T	0.42	24.0	C	T	0.84	34.6	C	T	0.86	35.6	D
Northbound	TR	0.29	21.1	C	TR	0.29	21.2	C	TR	0.36	24.1	C	TR	0.36	24.3	C	TR	0.36	22.4	C	TR	0.37	22.6	C
Southbound	L	0.52	93.1	F	L	0.52	92.5	F	L	0.33	61.2	E	L	0.33	61.3	E	L	0.55	75.6	E	L	0.56	76.7	E
Southbound	T	0.99	29.4	C	T	1.00	32.8	C	T	0.46	37.8	D	T	0.46	37.7	D	T	0.54	24.0	C	T	0.55	24.5	C
Southbound	TR	0.55	7.1	A	TR	0.56	7.0	A	TR	0.38	29.8	C	TR	0.38	30.1	C	TR	0.38	32.7	C	TR	0.38	32.9	C
	Intersection		28.6	C	Intersection		30.9	C	Intersection		32.2	C	Intersection		32.3	C	Intersection		31.9	C	Intersection		32.7	C
Valentine Avenue and East 198th Street																								
Eastbound	TR	0.29	7.7	A	TR	0.33	8.0	A	TR	0.23	15.2	B	TR	0.26	15.5	B	TR	0.24	20.4	C	TR	0.29	20.9	C
Westbound	LT	0.60	19.8	B	LT	0.62	20.4	C	LT	0.46	15.9	B	LT	0.48	16.2	B	LT	0.54	17.7	B	LT	0.56	18.4	B
Southbound	LTR	0.51	16.9	B	LTR	0.52	17.2	B	LTR	0.37	14.2	B	LTR	0.37	14.3	B	LTR	0.51	16.9	B	LTR	0.53	17.2	B
	Intersection		16.1	B	Intersection		16.3	B	Intersection		15.2	B	Intersection		15.4	B	Intersection		17.9	B	Intersection		18.5	B
Valentine Avenue/East Kingsbridge Road and East 192nd Street (West)																								
Eastbound	TR	0.46	40.7	D	TR	0.47	40.7	D	TR	0.45	36.0	D	TR	0.45	36.1	D	TR	0.46	39.9	D	TR	0.47	40.1	D
Westbound	L	0.04	79.5	E	L	0.04	77.6	E	L	0.04	58.4	E	L	0.04	59.4	E	L	0.05	63.4	E	L	0.05	62.1	E
Northbound	R	0.07	5.8	A	R	0.07	5.8	A	R	0.08	5.5	A	R	0.08	5.5	A	R	0.08	5.9	A	R	0.08	5.9	A
Southbound	LT	0.12	2.4	A	LT	0.12	2.4	A	LT	0.12	0.8	A	LT	0.12	0.8	A	LT	0.15	0.9	A	LT	0.15	0.9	A
	Intersection		18.9	B	Intersection		18.8	B	Intersection		15.5	B	Intersection		15.4	B	Intersection		14.4	B	Intersection		14.5	B

Intersection	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 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
Jerome Avenue and East 195th Street																								
Eastbound	LT	0.45	31.5	C	LT	0.46	32.0	C	LT	0.48	32.7	C	LT	0.50	33.7	C	LT	0.44	27.1	C	LT	0.45	27.1	C
Northbound	LT	0.88	33.0	C	LT	0.93	39.7	D	LT	0.77	24.0	C	LT	0.82	24.8	C	LT	0.42	16.9	B	LT	0.43	17.1	B
Southbound	TR	0.87	29.0	C	TR	0.90	32.3	C	TR	0.71	37.7	D	TR	0.74	38.0	D	TR	0.61	11.8	B	TR	0.63	12.6	B
	Intersection		30.9	C	Intersection		34.9	C	Intersection		31.5	C	Intersection		32.1	C	Intersection		16.6	B	Intersection		17.0	B
Jerome Avenue and West Kingsbridge Road/East Kingsbridge Road																								
Eastbound	LTR	0.83	37.5	D	LTR	0.89	43.0	D	LTR	0.97	58.1	E	LTR	1.05	78.0	E	LTR	0.64	28.8	C	LTR	0.68	30.2	C
Westbound	LTR	0.73	23.2	C	LTR	0.75	24.3	C	LTR	0.69	20.6	C	LTR	0.72	21.7	C	LTR	0.56	16.1	B	LTR	0.57	16.3	B
Northbound	LTR	0.86	51.3	D	LTR	0.87	52.8	D	LTR	0.99	79.7	E	LTR	1.04	91.5	F	LTR	0.72	38.5	D	LTR	0.73	39.5	D
Southbound	LT	0.58	38.0	D	LT	0.60	38.2	D	LT	0.61	28.6	C	LT	0.63	29.0	C	LT	0.48	23.8	C	LT	0.49	24.1	C
Southbound	R	0.28	33.7	C	R	0.30	34.0	C	R	0.24	21.2	C	R	0.28	21.7	C	R	0.26	20.0	C	R	0.28	20.4	C
	Intersection		35.4	D	Intersection		38.0	D	Intersection		45.1	D	Intersection		54.5	D	Intersection		25.5	C	Intersection		26.2	C
Morris Avenue and East Kingsbridge Road																								
Eastbound	LT	0.40	5.4	A	LT	0.42	5.3	A	LT	0.38	6.0	A	LT	0.41	6.0	A	LT	0.35	7.5	A	LT	0.36	7.5	A
Westbound	TR	0.45	3.6	A	TR	0.46	3.7	A	TR	0.36	3.4	A	TR	0.37	3.5	A	TR	0.32	4.2	A	TR	0.33	4.2	A
Northbound	LTR	0.20	27.7	C	LTR	0.11	20.6	C	LTR	0.11	20.7	C	LTR	0.11	20.7	C	LTR	0.13	20.8	C	LTR	0.13	20.8	C
	Intersection		5.1	A	Intersection		5.1	A	Intersection		5.4	A	Intersection		5.4	A	Intersection		6.8	A	Intersection		6.7	A
Creston Avenue and East Kingsbridge Road																								
Eastbound	TR	0.42	6.1	A	TR	0.43	6.8	A	TR	0.39	7.2	A	TR	0.40	7.7	A	TR	0.34	4.2	A	TR	0.34	4.7	A
Westbound	LT	0.43	17.1	B	LT	0.44	17.2	B	LT	0.36	16.2	B	LT	0.37	16.3	B	LT	0.29	15.3	B	LT	0.29	15.4	B
Southbound	LTR	0.29	25.2	C	LTR	0.30	25.3	C	LTR	0.28	25.2	C	LTR	0.29	25.4	C	LTR	0.35	26.2	C	LTR	0.35	26.4	C
	Intersection		12.8	B	Intersection		13.2	B	Intersection		12.8	B	Intersection		13.1	B	Intersection		11.7	B	Intersection		12.0	B
Grand Concourse and East 198th Street																								
Eastbound	TR	0.17	30.6	C	TR	0.18	30.8	C	TR	0.19	29.6	C	TR	0.21	29.9	C	TR	0.19	29.4	C	TR	0.20	29.6	C
Westbound	TR	0.42	35.1	D	TR	0.43	35.3	D	TR	0.50	41.6	D	TR	0.51	42.0	D	TR	0.51	43.0	D	TR	0.52	43.3	D
Northbound	L	0.31	90.9	F	L	0.31	90.7	F	L	0.31	71.4	E	L	0.31	69.6	E	L	0.31	72.5	E	L	0.31	72.3	E
Northbound	T	0.45	2.8	A	T	0.46	2.8	A	T	0.29	11.4	B	T	0.29	11.9	B	T	0.28	11.2	B	T	0.28	11.4	B
Northbound	TR	0.48	13.8	B	TR	0.51	14.8	B	TR	0.45	21.4	C	TR	0.48	22.6	C	TR	0.41	20.2	C	TR	0.42	20.8	C
Southbound	L	0.08	52.2	D	L	0.08	52.2	D	L	0.16	53.9	D	L	0.16	53.9	D	L	0.16	53.9	D	L	0.16	53.9	D
Southbound	T	0.29	20.8	C	T	0.29	20.9	C	T	0.34	22.7	C	T	0.34	22.8	C	T	0.23	21.3	C	T	0.24	21.3	C
Southbound	TR	0.29	21.5	C	TR	0.29	21.5	C	TR	0.31	23.0	C	TR	0.32	23.1	C	TR	0.30	22.8	C	TR	0.31	22.9	C
	Intersection		11.5	B	Intersection		11.5	B	Intersection		17.1	B	Intersection		17.1	B	Intersection		15.7	B	Intersection		15.7	B
Grand Concourse and East 196th Street																								
Eastbound	TR	0.43	40.4	D	TR	0.43	40.6	D	TR	0.34	37.4	D	TR	0.35	37.6	D	TR	0.40	38.9	D	TR	0.41	39.1	D
Westbound	TR	0.65	48.6	D	TR	0.67	49.6	D	TR	0.69	49.4	D	TR	0.72	51.1	D	TR	0.55	43.1	D	TR	0.57	43.8	D
Northbound	L	0.60	100.7	F	L	0.61	100.9	F	L	0.38	66.0	E	L	0.39	65.7	E	L	0.55	74.0	E	L	0.56	74.0	E
Northbound	T	0.53	8.4	A	T	0.55	8.9	A	T	0.34	17.2	B	T	0.35	17.9	B	T	0.33	14.6	B	T	0.33	14.8	B
Northbound	TR	0.50	18.1	B	TR	0.51	18.3	B	TR	0.44	22.4	C	TR	0.44	22.5	C	TR	0.41	20.7	C	TR	0.41	20.9	C
Southbound	L	0.11	42.9	D	L	0.11	42.6	D	L	0.20	37.5	D	L	0.20	37.3	D	L	0.18	40.7	D	L	0.18	40.6	D
Southbound	T	0.27	54.5	D	T	0.27	53.6	D	T	0.32	25.8	C	T	0.32	25.8	C	T	0.23	22.9	C	T	0.24	22.9	C
Southbound	TR	0.46	49.2	D	TR	0.46	49.4	D	TR	0.51	30.1	C	TR	0.52	30.5	C	TR	0.42	28.7	C	TR	0.43	28.9	C
	Intersection		23.9	C	Intersection		24.2	C	Intersection		19.5	B	Intersection		19.7	B	Intersection		18.6	B	Intersection		18.6	B
Grand Concourse and East Kingsbridge Road																								
Eastbound	TR	0.56	41.8	D	TR	0.58	42.5	D	TR	0.45	38.5	D	TR	0.48	39.3	D	TR	0.39	37.1	D	TR	0.40	37.4	D
Westbound	TR	0.39	37.6	D	TR	0.40	37.8	D	TR	0.30	35.4	D	TR	0.31	35.6	D	TR	0.34	36.3	D	TR	0.35	36.4	D
Northbound	L	1.20	210.9	F	L	1.23	219.5	F	L	0.86	116.2	F	L	0.89	121.0	F	L	0.66	97.0	F	L	0.67	97.4	F
Northbound	T	0.56	6.7	A	T	0.57	6.7	A	T	0.36	9.0	A	T	0.37	9.0	A	T	0.32	9.2	A	T	0.33	9.2	A
Northbound	TR	0.54	21.0	C	TR	0.55	21.3	C	TR	0.48	15.7	B	TR	0.49	16.1	B	TR	0.43	14.7	B	TR	0.43	14.8	B
Southbound	L	0.18	57.6	E	L	0.18	57.1	E	L	0.23	70.1	E	L	0.24	70.1	E	L	0.14	67.7	E	L	0.14	67.5	E
Southbound	T	0.30	31.1	C	T	0.31	31.6	C	T	0.32	7.8	A	T	0.33	7.9	A	T	0.25	9.8	A	T	0.26	9.9	A
Southbound	TR	0.59	41.1	D	TR	0.61	41.7	D	TR	0.64	18.8	B	TR	0.66	19.3	B	TR	0.57	18.0	B	TR	0.58	18.4	B
	Intersection		38.5	D	Intersection		39.7	D	Intersection		21.7	C	Intersection		22.5	C	Intersection		18.4	B	Intersection		18.3	B
Grand Concourse and East 192nd Street																								
Eastbound	TR	0.15	28.8	C	TR	0.15	28.8	C	TR	0.10	26.1	C	TR	0.10	26.1	C	TR	0.13	26.5	C	TR	0.13	26.5	C
Northbound	L	0.56	78.6	E	L	0.57	79.6	E	L	0.63	85.2	F	L	0.64	86.4	F	L	0.50	74.1	E	L	0.51	74.9	E
Northbound	T	0.70	28.3	C	T	0.71	28.7	C	T	0.49	25.2	C	T	0.50	25.4	C	T	0.39	23.5	C	T	0.39	23.5	C
Northbound	TR	0.38	22.6	C	TR	0.38	22.7	C	TR	0.61	30.7	C	TR	0.62	31.1	C	TR	0.51	27.4	C	TR	0.52	27.6	C
Southbound	L	0.30	57.4	E	L	0.30	57.8	E	L	0.52	72.8	E	L	0.53	74.0	E	L	0.38	64.8	E	L	0.38	64.8	E
Southbound	T	0.33	17.9	B	T	0.34	17.9	B	T	0.38	32.4	C	T	0.39	32.5	C	T	0.29	25.2	C	T	0.29	25.3	C
Southbound	TR	0.38	28.7	C	TR	0.39	29.2	C	TR	0.38	29.7	C	TR	0.39	30.0	C	TR	0.37	26.0	C	TR	0.37	26.1	C
	Intersection		26.5	C	Intersection		26.7	C	Intersection		31.6	C	Intersection		31.9	C	Intersection		26.5	C	Intersection		26.7	C
Valentine Avenue and East 198th Street																								
Eastbound	TR	0.23	22.6	C	TR	0.27	23.5	C	TR	0.21	14.6	B	TR	0.26	15.2	B	TR	0.19	14.7	B	TR	0.22	15.2	B
Westbound	LT	0.47	16.6	B	LT	0.48	17.0	B	LT	0.54	18.2	B	LT	0.56	18.8	B	LT	0.57	18.8	B	LT	0.59	19.3	B
Southbound	LTR	0.51	16.9	B	LTR	0.52	17.2	B	LTR	0.59	19.1	B	LTR	0.61	19.6	B	LTR	0.53	17.3	B	LTR	0.55	17.6	B
	Intersection		17.9	B	Intersection		18.4	B	Intersection		18.0	B	Intersection		18.5	B	Intersection		17.6	B	Intersection		17.9	B
Valentine Avenue/East Kingsbridge Road and East 192nd Street (West)																								
Eastbound	TR	0.40	33.8	C	TR	0.40	33.9	C	TR	0.72	48.4	D	TR	0.74	49.6	D	TR	0.61	41.5	D	TR	0.62	42.0	D
Westbound	L	0.09	55.5	E	L	0.09	55.5	E	L	0.04	56.3	E	L	0.04	55.1	E	L	0.04	56.4	E	L	0.04	55.1	E
Northbound	R	0.07	5.4	A	R	0.11	5.7	A	R	0.12	5.7	A	R	0.12	5.7	A	R	0.07	5.4	A	R	0.08	5.4	A
Southbound	LT	0.09	0.2	A	LT	0.09	0.2	A	LT	0.12	6.5	A	LT	0.12	6.6	A	LT	0.09	0.7	A	LT	0.10	0.7	A
	Intersection		17.1	B	Intersection		17.1	B	Intersection		24.8	C	Intersection		25.3	C	Intersection		21.9	C	Intersection		22.1	C

Table D-2

Existing and 2032 No Action Conditions Traffic Level of Service Analysis

	Weekday AM								Weekday Midday								Weekday PM								Weekday Evening							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Valentine Avenue/East Kingsbridge Road and East 192nd Street (East)																																
Eastbound	LT	0.21	14.7	B	LT	0.22	14.7	B	LT	0.23	12.9	B	LT	0.23	12.9	B	LT	0.22	17.3	B	LT	0.22	17.3	B	LT	0.21	10.2	B	LT	0.21	10.2	B
Northbound	LT	0.37	30.8	C	LT	0.38	30.8	C	LT	0.19	31.4	C	LT	0.20	31.3	C	LT	0.21	21.4	C	LT	0.22	21.1	C	LT	0.25	19.3	B	LT	0.26	19.4	B
Southbound	TR	0.29	9.2	A	TR	0.30	9.3	A	TR	0.24	9.5	A	TR	0.25	9.6	A	TR	0.28	12.0	B	TR	0.29	12.3	B	TR	0.25	8.9	A	TR	0.26	8.9	A
	Intersection		19.1	B	Intersection		19.2	B	Intersection		16.4	B	Intersection		16.5	B	Intersection		16.0	B	Intersection		16.1	B	Intersection		12.6	B	Intersection		12.6	B
Elm Place/Bainbridge Avenue/East Kingsbridge Road and East Fordham Road																																
Eastbound	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	0.79	21.6	C	LTR	0.81	22.9	C
Eastbound	LT	0.89	29.8	C	LT	0.91	32.7	C	LT	0.71	20.8	C	LT	0.74	21.7	C	LT	0.76	20.2	C	LT	0.78	21.0	C	LT	---	---	---	LT	---	---	---
Eastbound	R	0.02	7.9	A	R	0.02	7.9	A	R	0.07	11.2	B	R	0.07	11.2	B	R	0.07	8.5	A	R	0.07	8.5	A	R	---	---	---	R	---	---	---
Westbound	T	0.74	24.8	C	T	0.75	25.2	C	T	0.71	27.9	C	T	0.72	28.3	C	T	0.68	22.9	C	T	0.69	23.2	C	T	0.66	22.4	C	T	0.67	22.7	C
Westbound	R	1.25	160.5	F	R	1.32	189.8	F	R	1.42	250.3	F	R	1.72	380.9	F	R	1.36	215.3	F	R	1.57	306.4	F	R	1.24	162.7	F	R	1.37	214.7	F
Southbound	L	1.47	285.4	F	L	1.58	333.5	F	L	0.91	96.0	F	L	1.09	150.2	F	L	0.68	72.2	E	L	0.69	72.9	E	L	1.60	360.9	F	L	1.96	521.9	F
Southbound	LT	0.69	44.8	D	LT	0.72	46.4	D	LT	0.42	44.3	D	LT	0.42	44.5	D	LT	0.69	72.7	E	LT	0.70	73.2	E	LT	0.60	53.2	D	LT	0.62	53.9	D
	Intersection		65.6	E	Intersection		74.4	E	Intersection		57.2	E	Intersection		77.5	E	Intersection		52.7	D	Intersection		65.0	E	Intersection		65.3	E	Intersection		83.7	F
East Kingsbridge Road/East 194th Street and Valentine Avenue																																
Eastbound	T	0.21	36.1	D	T	0.21	36.3	D	T	0.18	29.4	C	T	0.18	29.5	C	T	0.28	37.7	D	T	0.29	37.9	D	T	0.31	31.5	C	T	0.32	31.6	C
Eastbound	R	0.72	51.9	D	R	0.74	53.0	D	R	0.62	40.5	D	R	0.63	41.0	D	R	0.68	50.3	D	R	0.69	51.0	D	R	0.75	47.5	D	R	0.76	48.5	D
Eastbound	R	0.31	39.3	D	R	0.32	39.3	D	R	0.46	35.3	D	R	0.47	35.5	D	R	0.39	39.4	D	R	0.39	39.7	D	R	0.35	32.7	C	R	0.36	32.8	C
Northbound	L	1.80	394.9	F	L	1.85	418.1	F	L	1.14	122.5	F	L	1.18	137.4	F	L	1.36	205.9	F	L	1.42	234.4	F	L	1.32	189.6	F	L	1.36	205.5	F
Northbound	R	0.11	4.3	A	R	0.11	4.9	A	R	0.19	3.9	A	R	0.19	4.5	A	R	0.16	6.6	A	R	0.17	6.6	A	R	0.11	6.4	A	R	0.12	6.9	A
Southbound	L	0.20	31.7	C	L	0.20	31.8	C	L	0.16	21.2	C	L	0.16	21.2	C	L	0.17	31.2	C	L	0.17	31.2	C	L	0.12	20.6	C	L	0.12	20.7	C
Southbound	TR	0.66	53.7	D	TR	0.67	54.3	D	TR	0.66	46.1	D	TR	0.68	47.1	D	TR	0.69	55.2	E	TR	0.71	56.6	E	TR	0.59	42.6	D	TR	0.61	43.4	D
	Intersection		187.6	F	Intersection		197.6	F	Intersection		64.2	E	Intersection		69.7	E	Intersection		92.6	F	Intersection		101.8	F	Intersection		90.7	F	Intersection		96.7	F
Heath Avenue and West Kingsbridge Road																																
Eastbound	TR	0.45	10.7	B	TR	0.45	10.7	B	TR	0.31	8.7	A	TR	0.32	8.7	A	TR	0.44	12.5	B	TR	0.45	12.6	B	TR	0.43	8.5	A	TR	0.44	8.6	A
Westbound	LT	0.52	2.0	A	LT	0.53	2.0	A	LT	0.40	16.9	B	LT	0.41	17.1	B	LT	0.45	37.1	D	LT	0.46	37.3	D	LT	0.37	16.0	B	LT	0.38	16.1	B
Northbound	LTR	0.16	30.9	C	LTR	0.16	30.9	C	LTR	0.12	24.4	C	LTR	0.12	24.4	C	LTR	0.13	30.1	C	LTR	0.13	30.2	C	LTR	0.11	24.3	C	LTR	0.11	24.3	C
Southbound	LTR	0.66	45.2	D	LTR	0.67	45.8	D	LTR	0.51	32.0	C	LTR	0.52	32.3	C	LTR	0.47	37.1	D	LTR	0.47	37.4	D	LTR	0.47	30.7	C	LTR	0.47	30.9	C
	Intersection		12.5	B	Intersection		12.5	B	Intersection		16.0	B	Intersection		16.1	B	Intersection		26.1	C	Intersection		26.2	C	Intersection		14.5	B	Intersection		14.5	B
Kingsbridge Terrace and West Kingsbridge Road																																
Eastbound	LTR	0.76	34.2	C	LTR	0.79	35.8	D	LTR	0.49	21.7	C	LTR	0.50	22.0	C	LTR	0.57	10.6	B	LTR	0.59	10.9	B	LTR	0.50	20.1	C	LTR	0.52	20.4	C
Westbound	LTR	0.56	11.8	B	LTR	0.57	11.8	B	LTR	0.41	7.9	A	LTR	0.42	7.7	A	LTR	0.52	8.3	A	LTR	0.53	8.1	A	LTR	0.47	9.0	A	LTR	0.47	8.9	A
Northbound	LTR	0.19	31.0	C	LTR	0.22	31.6	C	LTR	0.10	24.0	C	LTR	0.14	24.6	C	LTR	0.19	30.9	C	LTR	0.23	31.7	C	LTR	0.15	24.8	C	LTR	0.20	25.6	C
	Intersection		23.5	C	Intersection		24.4	C	Intersection		15.2	B	Intersection		15.4	B	Intersection		10.3	B	Intersection		10.6	B	Intersection		15.0	B	Intersection		15.2	B
Goulden Avenue and Bedford Park Boulevard																																
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				LTR	0.17	21.4	C	LTR	0.17	21.5	C
Westbound																									LTR	0.66	34.6	C	LTR	0.69	35.7	D
Northbound																									TR	0.58	30.5	C	TR	0.59	30.9	C
Southbound																									LT	0.36	25.3	C	LT	0.38	25.7	C
																									Intersection		29.9	C	Intersection		30.5	C
Goulden Avenue and West 197th Street																																
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				LT	0.40	24.6	C	LT	0.40	24.7	C
Northbound																									LT	0.16	5.5	A	LT	0.16	5.5	A
Southbound																									TR	0.69	31.8	C	TR	0.71	32.7	C
																									Intersection		24.0	C	Intersection		24.5	C
Marion Avenue and Bedford Park Boulevard																																
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				TR	0.40	24.3	C	TR	0.41	24.4	C
Westbound																									LT	0.54	27.4	C	LT	0.55	27.8	C
Southbound																									LTR	0.55	29.9	C	LTR	0.56	30.2	C
																									Intersection		26.8	C	Intersection		27.1	C

	Saturday Midday/Afternoon								Saturday Evening							
	Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Valentine Avenue/East Kingsbridge Road and East 192nd Street (East)																
Eastbound	LT	0.29	12.2	B	LT	0.29	12.2	B	LT	0.23	10.6	B	LT	0.24	10.8	B
Northbound	LT	0.24	19.1	B	LT	0.25	19.2	B	LT	0.23	19.0	B	LT	0.24	19.1	B
Southbound	TR	0.24	34.2	C	TR	0.24	34.2	C	TR	0.19	11.9	B	TR	0.20	11.8	B
	Intersection		23.1	C	Intersection		23.1	C	Intersection		14.0	B	Intersection		14.1	B
Elm Place/Bainbridge Avenue/East Kingsbridge Road and East Fordham Road																
Eastbound	LTR	0.72	18.6	B	LTR	0.74	19.4	B	LTR	0.71	18.0	B	LTR	0.73	18.8	B
Eastbound	LT	---	---	---	LT	---	---	---	LT	---	---	---	LT	---	---	---
Eastbound	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	T	0.66	22.4	C	T	0.67	22.6	C	T	0.61	21.1	C	T	0.62	21.3	C
Westbound	R	1.39	223.6	F	R	1.57	305.2	F	R	1.18	137.8	F	R	1.28	179.0	F
Southbound	L	1.88	486.0	F	L	2.59	806.2	F	L	1.25	215.6	F	L	1.46	303.9	F
Southbound	LT	0.61	53.6	D	LT	0.62	54.4	D	LT	0.53	49.8	D	LT	0.54	50.3	D
	Intersection		82.2	F	Intersection		115.2	F	Intersection		51.6	D	Intersection		63.8	E
East Kingsbridge Road/East 194th Street and Valentine Avenue																
Eastbound	T	0.27	30.7	C	T	0.27	30.7	C	T	0.30	31.2	C	T	0.30	31.2	C
Eastbound	R	0.70	44.6	D	R	0.72	45.6	D	R	0.55	37.7	D	R	0.56	38.1	D
Eastbound	R	0.40	33.2	C	R	0.40	33.3	C	R	0.25	30.6	C	R	0.25	30.6	C
Northbound	L	1.50	267.8	F	L	1.54	284.7	F	L	1.20	144.4	F	L	1.24	157.2	F
Northbound	R	0.17	8.0	A	R	0.17	8.6	A	R	0.20	6.5	A	R	0.20	7.1	A
Southbound	L	0.18	21.4	C	L	0.18	21.5	C	L	0.17	21.3	C	L	0.17	21.3	C
Southbound	TR	0.65	44.6	D	TR	0.66	45.4	D	TR	0.62	43.4	D	TR	0.63	43.9	D
	Intersection		120.8	F	Intersection		127.7	F	Intersection		70.6	E	Intersection		75.4	E
Heath Avenue and West Kingsbridge Road																
Eastbound	TR	0.38	7.8	A	TR	0.40	7.8	A	TR	0.35	8.8	A	TR	0.36	8.8	A
Westbound	LT	0.40	16.6	B	LT	0.41	16.8	B	LT	0.34	15.7	B	LT	0.35	15.8	B
Northbound	LTR	0.09	24.1	C	LTR	0.09	24.1	C	LTR	0.09	24.0	C	LTR	0.09	24.0	C
Southbound	LTR	0.63	36.7	D	LTR	0.64	37.3	D	LTR	0.52	32.5	C	LTR	0.53	32.7	C
	Intersection		16.3	B	Intersection		16.4	B	Intersection		15.3	B	Intersection		15.4	B
Kingsbridge Terrace and West Kingsbridge Road																
Eastbound	LTR	0.54	22.5	C	LTR	0.55	22.8	C	LTR	0.53	22.5	C	LTR	0.54	22.8	C
Westbound	LTR	0.47	9.4	A	LTR	0.48	9.1	A	LTR	0.38	9.1	A	LTR	0.38	8.8	A
Northbound	LTR	0.13	24.5	C	LTR	0.20	25.5	C	LTR	0.15	24.8	C	LTR	0.19	25.3	C
	Intersection		16.3	B	Intersection		16.4	B	Intersection		16.8	B	Intersection		17.0	B
Goulden Avenue and Bedford Park Boulevard																
Eastbound	Not Analyzed				Not Analyzed				LTR	0.02	16.4	B	LTR	0.02	16.4	B
Westbound									LTR	0.34	20.6	C	LTR	0.35	20.9	C
Northbound									TR	0.38	21.6	C	TR	0.39	21.8	C
Southbound									LT	0.19	17.7	B	LT	0.20	17.8	B
									Intersection		20.3	C	Intersection		20.5	C
Goulden Avenue and West 197th Street																
Eastbound	Not Analyzed				Not Analyzed				LT	0.30	28.3	C	LT	0.31	28.2	C
Northbound									LT	0.11	6.6	A	LT	0.11	6.5	A
Southbound									TR	0.32	27.1	C	TR	0.34	27.3	C
									Intersection		22.1	C	Intersection		22.2	C
Marion Avenue and Bedford Park Boulevard																
Eastbound	Not Analyzed				Not Analyzed				TR	0.38	20.0	C	TR	0.38	20.1	C
Westbound									LT	0.42	20.9	C	LT	0.43	21.1	C
Southbound									LTR	0.52	23.6	C	LTR	0.53	23.9	C
									Intersection		21.2	C	Intersection		21.4	C

Table D-2

Existing and 2032 No Action Conditions Traffic Level of Service Analysis

	Weekday AM								Weekday Midday								Weekday PM							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Cedar Avenue and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Southbound																								
Unsignalized Intersections																								
Reservoir Avenue/Grand Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.36	10.4	B	LTR	0.38	11.2	B	LTR	0.15	4.4	A	LTR	0.15	4.6	A	LTR	0.26	6.9	A	LTR	0.27	7.2	A
Westbound	LTR	0.03	1.0	A	LTR	0.03	1.0	A	LTR	0.05	2.2	A	LTR	0.06	2.2	A	LTR	0.08	2.9	A	LTR	0.08	3.0	A
Marion Avenue and East 198th Street																								
Eastbound	TR	---	9.0	A	TR	---	9.2	A	TR	---	8.4	A	TR	---	8.5	A	TR	---	8.8	A	TR	---	9.0	A
Westbound	LT	---	8.9	A	LT	---	8.9	A	LT	---	8.7	A	LT	---	8.7	A	LT	---	9.8	A	LT	---	9.9	A
Southbound	LTR	---	11.0	B	LTR	---	11.2	B	LTR	---	9.6	A	LTR	---	9.7	A	LTR	---	12.9	B	LTR	---	13.3	B
Briggs Avenue and East 198th Street																								
Eastbound	LT	---	8.7	A	LT	---	8.8	A	LT	---	8.0	A	LT	---	8.1	A	LT	---	8.1	A	LT	---	8.1	A
Westbound	TR	---	9.1	A	TR	---	9.2	A	TR	---	8.6	A	TR	---	8.7	A	TR	---	8.6	A	TR	---	8.7	A
Northbound	LTR	---	9.0	A	LTR	---	9.0	A	LTR	---	8.1	A	LTR	---	8.2	A	LTR	---	8.4	A	LTR	---	8.5	A
Bainbridge Avenue and East 198th Street																								
Eastbound	LT	---	9.6	A	LT	---	9.7	A	LT	---	8.6	A	LT	---	8.7	A	LT	---	8.3	A	LT	---	8.4	A
Westbound	TR	---	9.4	A	TR	---	9.5	A	TR	---	8.7	A	TR	---	8.7	A	TR	---	8.7	A	TR	---	8.8	A
Northbound	LTR	---	10.8	B	LTR	---	11.1	B	LTR	---	9.7	A	LTR	---	9.8	A	LTR	---	8.8	A	LTR	---	8.9	A
Creston Avenue and East 198th Street																								
Westbound	LT	0.01	1.8	A	LT	0.01	1.8	A	LT	0.02	2.1	A	LT	0.02	2.1	A	LT	0.02	2.2	A	LT	0.02	2.2	A
Southbound	LTR	0.08	11.0	B	LTR	0.09	11.0	B	LTR	0.08	10.8	B	LTR	0.08	10.8	B	LTR	0.11	11.9	B	LTR	0.12	12.0	B

	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	Existing				2032 No Action				Existing				2032 No Action				Existing				2032 No Action			
Intersection	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
Cedar Avenue and West Fordham Road																								
Eastbound	TR	0.56	7.4	A	TR	0.57	7.6	A	Not Analyzed				Not Analyzed				TR	0.51	12.0	B	TR	0.52	12.2	B
Westbound	LT	0.71	17.1	B	LT	0.73	17.3	B									LT	0.62	21.6	C	LT	0.64	22.2	C
Northbound	LTR	0.50	46.8	D	LTR	0.51	47.2	D									LTR	0.48	46.0	D	LTR	0.49	46.3	D
Southbound	LTR	0.65	51.7	D	LTR	0.67	52.4	D									LTR	0.43	42.9	D	LTR	0.44	43.2	D
	Intersection		16.4	B	Intersection		16.6	B									Intersection		19.5	B	Intersection		19.8	B
Unsignalized Intersections																								
Reservoir Avenue/Grand Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.14	4.1	A	LTR	0.14	4.2	A	LTR	0.16	4.7	A	LTR	0.17	4.9	A	LTR	0.12	4.0	A	LTR	0.13	4.1	A
Westbound	LTR	0.06	2.4	A	LTR	0.07	2.4	A	LTR	0.09	3.3	A	LTR	0.24	3.4	A	LTR	0.05	2.3	A	LTR	0.05	2.3	A
Marion Avenue and East 198th Street																								
Eastbound	TR	---	8.1	A	TR	---	8.2	A	TR	---	8.2	A	TR	---	8.3	A	TR	---	8.2	A	TR	---	8.3	A
Westbound	LT	---	8.9	A	LT	---	9.0	A	LT	---	8.8	A	LT	---	8.9	A	LT	---	8.8	A	LT	---	8.8	A
Southbound	LTR	---	9.7	A	LTR	---	9.8	A	LTR	---	9.8	A	LTR	---	9.9	A	LTR	---	10.0	A	LTR	---	10.1	B
Briggs Avenue and East 198th Street																								
Eastbound	LT	---	8.2	A	LT	---	8.2	A	LT	---	8.4	A	LT	---	8.5	A	LT	---	8.2	A	LT	---	8.3	A
Westbound	TR	---	8.2	A	TR	---	8.2	A	TR	---	8.5	A	TR	---	8.6	A	TR	---	8.8	A	TR	---	8.9	A
Northbound	LTR	---	8.4	A	LTR	---	8.4	A	LTR	---	8.6	A	LTR	---	8.7	A	LTR	---	8.6	A	LTR	---	8.7	A
Bainbridge Avenue and East 198th Street																								
Eastbound	LT	---	8.3	A	LT	---	8.4	A	LT	---	8.6	A	LT	---	8.7	A	LT	---	8.5	A	LT	---	8.6	A
Westbound	TR	---	8.4	A	TR	---	8.4	A	TR	---	8.6	A	TR	---	8.7	A	TR	---	8.8	A	TR	---	8.9	A
Northbound	LTR	---	8.9	A	LTR	---	8.9	A	LTR	---	9.5	A	LTR	---	9.6	A	LTR	---	9.7	A	LTR	---	9.9	A
Creston Avenue and East 198th Street																								
Westbound	LT	0.03	2.9	A	LT	0.03	2.8	A	LT	0.03	2.9	A	LT	0.03	2.9	A	LT	0.04	3.1	A	LT	0.04	3.2	A
Southbound	LTR	0.13	11.5	B	LTR	0.14	11.6	B	LTR	0.12	11.3	B	LTR	0.12	11.4	B	LTR	0.06	11.1	B	LTR	0.06	11.2	B

Notes:

L = Left Turn, T = Through, R = Right Turn, LOS = Level of Service

Further analysis refinements may be made between Draft and Final EIS.

Table D-3

2032 No Action and With Action Conditions Traffic Level of Service Analysis

	Weekday AM								Weekday Midday								Weekday PM							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 With Action			
Intersection	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																								
Major Deegan Expressway SB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Southbound																								
Major Deegan Expressway SB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Westbound																								
Southbound																								
Major Deegan Expressway NB Ramp and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Northbound																								
Major Deegan Expressway NB Ramp and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Westbound																								
Westbound																								
Northbound																								
Bailey Avenue and West 230th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Eastbound																								
Northbound																								
Southbound																								
Southbound																								
Bailey Avenue and West 225th Street/West Kingsbridge Road																								
Eastbound	L	0.42	24.7	C	L	0.44	25.6	C	L	0.36	17.5	B	L	0.37	18.0	B	L	0.58	30.4	C	L	0.62	33.6	C
Eastbound	TR	0.47	20.1	C	TR	0.48	20.2	C	TR	0.31	14.4	B	TR	0.32	14.5	B	TR	0.44	19.6	B	TR	0.45	19.7	B
Westbound	L	0.15	5.8	A	L	0.16	5.7	A	L	0.09	2.7	A	L	0.09	2.6	A	L	0.10	15.8	B	L	0.10	16.1	B
Westbound	TR	0.65	10.2	B	TR	0.67	10.4	B	TR	0.46	3.6	A	TR	0.49	3.6	A	TR	0.58	19.2	B	TR	0.62	20.2	C
Northbound	LTR	2.06	37.5	D	LTR	2.24	37.3	D	LTR	0.92	30.7	C	LTR	0.96	30.7	C	LTR	1.48	41.6	D	LTR	1.52	41.6	D
Southbound	LTR	1.20	146.0	F	LTR	1.27	175.2	F+	LTR	0.91	51.9	D	LTR	0.95	58.5	E+	LTR	1.03	84.1	F	LTR	1.05	89.9	F+
	Intersection		55.7	E	Intersection		64.9	E	Intersection		24.0	C	Intersection		25.8	C	Intersection		39.4	D	Intersection		41.0	D
Sedgwick Avenue and West Kingsbridge Road																								
Eastbound	L	0.29	14.3	B	L	0.30	14.0	B	L	0.13	1.9	A	L	0.13	1.9	A	L	0.30	7.1	A	L	0.31	7.1	A
Eastbound	TR	0.46	19.1	B	TR	0.49	19.1	B	TR	0.37	5.2	A	TR	0.39	4.8	A	TR	0.41	4.2	A	TR	0.42	4.1	A
Westbound	L	0.63	19.9	B	L	0.66	21.3	C	L	0.36	18.8	B	L	0.37	19.1	B	L	0.52	20.6	C	L	0.54	20.2	C
Westbound	TR	0.56	11.9	B	TR	0.58	12.0	B	TR	0.46	14.6	B	TR	0.47	14.7	B	TR	0.53	18.6	B	TR	0.55	18.0	B
Northbound	LTR	0.51	36.3	D	LTR	0.56	37.7	D	LTR	0.34	26.0	C	LTR	0.38	26.6	C	LTR	0.37	33.3	C	LTR	0.41	34.2	C
Southbound	LTR	1.22	165.6	F	LTR	1.30	200.1	F+	LTR	0.85	52.1	D	LTR	0.87	55.6	E	LTR	0.89	64.3	E	LTR	0.92	70.2	E+
	Intersection		43.3	D	Intersection		49.2	D	Intersection		19.7	B	Intersection		20.2	C	Intersection		23.2	C	Intersection		24.0	C
Bailey Avenue and Sedgwick Avenue																								
Westbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Northbound																								
Northbound																								
Southbound																								
Sedgwick Avenue and West Fordham Road																								
Eastbound	L	1.22	149.3	F	L	1.34	196.7	F+	L	1.06	92.4	F	L	1.13	117.0	F+	L	0.86	41.2	D	L	0.92	52.4	D
Eastbound	TR	0.56	17.8	B	TR	0.56	17.8	B	TR	0.53	16.1	B	TR	0.53	16.1	B	TR	0.50	14.2	B	TR	0.50	14.2	B
Westbound	LT	0.70	31.5	C	LT	0.72	32.0	C	LT	0.73	28.9	C	LT	0.74	29.4	C	LT	0.69	30.4	C	LT	0.71	30.9	C
Westbound	R	0.36	25.6	C	R	0.36	25.6	C	R	0.37	23.5	C	R	0.37	23.5	C	R	0.47	27.7	C	R	0.47	27.7	C
Northbound	LTR	1.51	291.2	F	LTR	1.55	305.2	F+	LTR	0.73	36.8	D	LTR	0.75	37.9	D	LTR	1.68	365.0	F	LTR	1.71	379.7	F+
Southbound	L	1.02	102.0	F	L	1.04	107.2	F+	L	0.56	29.0	C	L	0.56	29.4	C	L	1.16	156.7	F	L	1.19	166.1	F+
Southbound	T	0.68	40.4	D	T	0.68	40.4	D	T	0.40	22.7	C	T	0.40	22.7	C	T	0.65	43.1	D	T	0.65	43.1	D
Southbound	R	0.76	45.7	D	R	0.76	45.8	D	R	0.51	25.5	C	R	0.51	25.5	C	R	0.81	54.7	D	R	0.81	54.7	D
	Intersection		70.7	E	Intersection		78.2	E	Intersection		31.1	C	Intersection		34.1	C	Intersection		73.9	E	Intersection		77.7	E

	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 With Action			
Intersection	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																								
Major Deegan Expressway SB Ramp and West 230th Street																								
Eastbound	T	0.34	14.7	B	T	0.34	14.7	B	Not Analyzed				Not Analyzed				T	0.24	13.7	B	T	0.24	13.7	B
Eastbound	R	0.23	14.4	B	R	0.23	14.4	B									R	0.34	16.0	B	R	0.34	16.0	B
Westbound	LT	0.40	7.2	A	LT	0.40	7.2	A									LT	1.87	8.1	A	LT	1.87	8.1	A
Southbound	LTR	0.66	34.0	C	LTR	0.75	37.3	D									LTR	0.93	43.1	D	LTR	0.96	58.4	E+
	Intersection		17.8	B	Intersection		19.5	B									Intersection		21.6	C	Intersection		27.9	C
Major Deegan Expressway SB Ramp and West Fordham Road																								
Eastbound	T	0.66	29.0	C	T	0.66	29.0	C	Not Analyzed				Not Analyzed				T	0.64	32.4	C	T	0.64	32.4	C
Eastbound	R	0.40	24.9	C	R	0.40	24.9	C									R	0.61	34.4	C	R	0.61	34.4	C
Westbound	L	0.98	51.6	D	L	1.11	86.8	F+									L	0.78	29.8	C	L	0.87	33.8	C
Westbound	T	0.39	6.2	A	T	0.39	5.5	A									T	0.33	4.2	A	T	0.33	4.1	A
Southbound	LTR	1.12	106.2	F	LTR	1.12	106.2	F									LTR	1.22	115.6	F	LTR	1.22	115.6	F
	Intersection		43.0	D	Intersection		48.9	D									Intersection		43.8	D	Intersection		44.2	D
Major Deegan Expressway NB Ramp and West 230th Street																								
Eastbound	LT	1.20	43.7	D	LT	1.22	61.1	E+	Not Analyzed				Not Analyzed				LT	1.14	45.7	D	LT	1.15	68.2	E+
Westbound	TR	0.25	1.6	A	TR	0.26	1.8	A									TR	0.28	1.6	A	TR	0.29	1.6	A
Northbound	L	0.74	44.3	D	L	0.74	44.3	D									L	0.78	46.9	D	L	0.78	46.9	D
Northbound	TR	0.79	48.8	D	TR	0.79	48.8	D									TR	1.04	93.5	F	TR	1.04	93.5	F
	Intersection		32.8	C	Intersection		40.2	D									Intersection		41.7	D	Intersection		50.3	D
Major Deegan Expressway NB Ramp and West Fordham Road																								
Eastbound	L	0.72	18.8	B	L	0.75	20.6	C	Not Analyzed				Not Analyzed				L	0.77	27.0	C	L	0.80	32.6	C
Eastbound	T	0.46	7.1	A	T	0.46	7.1	A									T	0.39	1.4	A	T	0.39	1.4	A
Westbound	T	0.55	50.5	D	T	0.59	51.8	D									T	0.46	10.3	B	T	0.49	9.7	A
Westbound	R	0.60	53.8	D	R	0.60	53.9	D									R	0.44	11.1	B	R	0.44	10.1	B
Northbound	LTR	1.00	78.0	E	LTR	2.21	344.5	F+									LTR	1.02	68.4	E	LTR	2.56	406.3	F+
	Intersection		41.3	D	Intersection		127.3	F									Intersection		24.3	C	Intersection		156.5	F
Bailey Avenue and West 230th Street																								
Eastbound	L	0.39	2.3	A	L	0.39	2.5	A	Not Analyzed				Not Analyzed				L	0.33	1.7	A	L	0.33	1.9	A
Eastbound	TR	0.31	2.0	A	TR	0.38	2.4	A									TR	0.46	1.9	A	TR	0.56	2.3	A
Northbound	LTR	1.34	65.6	E	LTR	1.45	75.1	E+									LTR	1.32	78.0	E	LTR	1.39	85.5	F+
Southbound	LT	0.63	38.0	D	LT	0.63	38.1	D									LT	0.67	39.8	D	LT	0.67	39.9	D
Southbound	R	0.57	28.1	C	R	0.57	28.1	C									R	0.74	35.6	D	R	0.74	35.6	D
	Intersection		29.2	C	Intersection		31.2	C									Intersection		32.9	C	Intersection		33.5	C
Bailey Avenue and West 225th Street/West Kingsbridge Road																								
Eastbound	L	0.47	20.2	C	L	0.49	21.0	C	L	0.48	21.5	C	L	0.50	22.4	C	L	0.37	17.4	B	L	0.38	17.8	B
Eastbound	TR	0.43	15.8	B	TR	0.47	16.4	B	TR	0.42	15.6	B	TR	0.43	15.8	B	TR	0.32	14.5	B	TR	0.38	15.1	B
Westbound	L	0.08	2.5	A	L	0.09	2.6	A	L	0.09	3.5	A	L	0.10	3.5	A	L	0.06	2.9	A	L	0.07	2.9	A
Westbound	TR	0.43	3.2	A	TR	0.46	3.3	A	TR	0.53	5.1	A	TR	0.55	5.1	A	TR	0.40	3.8	A	TR	0.41	3.7	A
Northbound	LTR	0.93	32.2	C	LTR	1.12	32.6	C	LTR	1.46	31.9	C	LTR	1.49	31.9	C	LTR	0.88	30.4	C	LTR	1.14	30.2	C
Southbound	LTR	0.94	59.4	E	LTR	1.10	104.0	F+	LTR	1.12	107.8	F	LTR	1.14	112.2	F+	LTR	0.97	62.4	E	LTR	1.23	126.8	F+
	Intersection		26.3	C	Intersection		39.2	D	Intersection		41.3	D	Intersection		42.3	D	Intersection		28.3	C	Intersection		49.6	D
Sedgwick Avenue and West Kingsbridge Road																								
Eastbound	L	0.24	3.0	A	L	0.24	3.0	A	L	0.17	2.9	A	L	0.17	2.9	A	L	0.18	2.5	A	L	0.19	2.2	A
Eastbound	TR	0.39	5.0	A	TR	0.49	5.1	A	TR	0.42	5.2	A	TR	0.44	5.1	A	TR	0.38	5.1	A	TR	0.51	6.0	A
Westbound	L	0.38	16.2	B	L	0.53	22.7	C	L	0.43	17.6	B	L	0.44	18.4	B	L	0.29	13.3	B	L	0.45	20.3	C
Westbound	TR	0.47	12.6	B	TR	0.48	12.0	B	TR	0.48	11.9	B	TR	0.49	12.0	B	TR	0.41	10.9	B	TR	0.41	10.9	B
Northbound	LTR	0.39	26.7	C	LTR	1.88	116.1	F+	LTR	0.37	26.4	C	LTR	0.42	27.2	C	LTR	0.32	25.7	C	LTR	2.35	211.0	F+
Southbound	LTR	0.81	47.1	D	LTR	1.49	272.9	F+	LTR	0.91	59.3	E	LTR	0.95	66.6	E+	LTR	0.72	40.0	D	LTR	1.95	480.9	F+
	Intersection		17.6	B	Intersection		74.7	E	Intersection		20.2	C	Intersection		21.7	C	Intersection		15.3	B	Intersection		132.3	F
Bailey Avenue and Sedgwick Avenue																								
Westbound	LT	0.59	22.3	C	LT	0.70	26.0	C	Not Analyzed				Not Analyzed				LT	0.47	19.6	B	LT	0.57	21.8	C
Northbound	T	0.17	5.8	A	T	0.17	5.2	A									T	0.12	7.9	A	T	0.12	5.8	A
Northbound	R	0.41	8.4	A	R	1.24	133.0	F+									R	0.37	9.9	A	R	1.63	308.7	F+
Southbound	LT	0.30	8.8	A	LT	0.30	8.8	A									LT	0.29	8.8	A	LT	0.29	8.8	A
	Intersection		11.4	B	Intersection		62.0	E									Intersection		11.3	B	Intersection		163.7	F
Sedgwick Avenue and West Fordham Road																								
Eastbound	L	0.89	44.7	D	L	2.20	573.9	F+	L	1.04	85.8	F	L	1.11	108.1	F+	L	1.06	112.9	F	L	3.22	1051.0	F+
Eastbound	TR	0.48	16.1	B	TR	0.48	19.8	B	TR	0.47	16.3	B	TR	0.47	16.3	B	TR	0.43	6.3	A	TR	0.43	10.8	B
Westbound	LT	0.71	31.1	C	LT	0.72	31.3	C	LT	0.83	37.9	D	LT	0.84	38.6	D	LT	0.77	34.5	C	LT	0.78	34.7	C
Westbound	R	0.47	27.7	C	R	0.37	25.1	C	R	0.36	25.4	C	R	0.36	25.4	C	R	0.32	24.6	C	R	0.32	24.6	C
Northbound	LTR	1.71	379.7	F+	LTR	1.14	140.2	F	LTR	1.15	144.0	F	LTR	1.16	144.4	F	LTR	1.20	156.8	F+	LTR	0.72	47.1	D
Southbound	L	0.73	54.7	D	L	0.73	54.3	D	L	0.73	49.9	D	L	0.74	51.7	D	L	0.35	30.8	C	L	0.35	30.0	C
Southbound	T	0.65	43.1	D	T	0.52	39.0	D	T	0.52	38.3	D	T	0.55	35.6	D	T	0.45	31.2	C	T	0.45	30.5	C
Southbound	R	0.81	54.7	D	R	0.68	45.5	D	R	0.83	54.5	D	R	0.74	44.2	D	R	0.56	34.4	C	R	0.68	37.9	D
	Intersection		77.7	E	Intersection		40.6	D	Intersection		144.7	F	Intersection		47.3	D	Intersection		51.2	D	Intersection		35.3	D	Intersection		284.9	F

Table D-3

2032 No Action and With Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM								Weekday Midday								Weekday PM							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Webb Avenue and West Kingsbridge Road																								
Eastbound	TR	1.12	95.5	F	TR	1.20	130.6	F+	TR	0.84	41.5	D	TR	0.89	46.8	D	TR	0.77	24.5	C	TR	0.82	27.3	C
Westbound	LT	1.09	56.0	E	LT	1.10	61.5	E+	LT	0.51	14.9	B	LT	0.53	16.2	B	LT	0.65	24.6	C	LT	0.69	25.4	C
Northbound	L	0.40	39.8	D	L	0.40	39.8	D	L	0.52	37.7	D	L	0.52	37.7	D	L	0.83	64.4	E	L	0.83	64.4	E
Northbound	R	0.11	19.5	B	R	0.11	19.5	B	R	0.15	14.9	B	R	0.15	14.9	B	R	0.28	22.0	C	R	0.28	22.0	C
Southbound	LTR	0.55	43.1	D	LTR	0.55	43.1	D	LTR	0.32	31.6	C	LTR	0.32	31.6	C	LTR	0.37	37.8	D	LTR	0.37	37.8	D
	Intersection		70.9	E	Intersection		90.0	F	Intersection		29.6	C	Intersection		32.6	C	Intersection		30.0	C	Intersection		31.1	C
University Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.69	36.7	D	LTR	0.78	38.8	D	LTR	0.75	20.0	B	LTR	0.82	21.6	C	LTR	0.75	22.8	C	LTR	0.81	24.5	C
Westbound	LTR	1.13	96.8	F	LTR	1.32	177.1	F+	LTR	0.92	39.8	D	LTR	1.29	87.4	F+	LTR	0.94	43.4	D	LTR	1.34	101.1	F+
Northbound	L	0.87	81.8	F	L	0.89	86.2	F+	L	0.53	33.6	C	L	0.54	34.5	C	L	0.71	58.2	E	L	0.74	61.6	E
Northbound	TR	0.75	54.4	D	TR	0.84	64.3	E+	TR	0.52	32.0	C	TR	0.59	34.6	C	TR	0.73	53.0	D	TR	0.81	60.9	E+
Southbound	LTR	0.77	56.5	E	LTR	0.82	62.0	E+	LTR	0.45	29.4	C	LTR	0.45	29.7	C	LTR	0.54	43.0	D	LTR	0.57	44.5	D
	Intersection		68.5	E	Intersection		103.6	F	Intersection		29.7	C	Intersection		46.6	D	Intersection		37.4	D	Intersection		59.3	E
University Avenue and West Fordham Road																								
Eastbound	T	0.81	37.4	D	T	0.81	37.4	D	T	0.73	31.1	C	T	0.73	31.1	C	T	0.76	36.8	D	T	0.76	36.8	D
Eastbound	R	0.64	41.6	D	R	0.64	41.6	D	R	0.69	42.3	D	R	0.69	42.3	D	R	0.60	41.4	D	R	0.60	41.4	D
Westbound	L	1.15	146.3	F	L	1.15	146.3	F	L	0.70	36.2	D	L	0.70	36.2	D	L	0.61	31.4	C	L	0.61	31.4	C
Westbound	T	0.50	20.6	C	T	0.50	20.6	C	T	---	---	---	T	---	---	---	T	0.54	20.3	C	T	0.54	20.3	C
Westbound	R	0.19	17.3	B	R	0.19	17.3	B	R	---	---	---	R	---	---	---	R	0.17	15.9	B	R	0.17	15.9	B
Westbound	TR	---	---	---	TR	---	---	---	TR	0.66	21.4	C	TR	0.66	21.4	C	TR	---	---	---	TR	---	---	---
Northbound	L	0.80	62.3	E	L	0.86	71.7	E+	L	0.55	31.8	C	L	0.58	33.8	C	L	0.65	48.5	D	L	0.71	54.6	D
Northbound	T	0.52	35.0	C	T	0.56	36.3	D	T	0.45	26.0	C	T	0.48	26.7	C	T	0.51	36.2	D	T	0.55	37.3	D
Northbound	R	0.50	35.9	D	R	0.50	35.9	D	R	0.39	25.6	C	R	0.39	25.6	C	R	0.68	45.8	D	R	0.68	45.8	D
Southbound	L	0.35	32.7	C	L	0.37	33.4	C	L	0.37	26.0	C	L	0.38	26.4	C	L	0.61	45.0	D	L	0.63	47.0	D
Southbound	T	0.65	39.9	D	T	0.70	42.2	D	T	0.52	28.0	C	T	0.58	29.6	C	T	0.58	38.5	D	T	0.65	41.3	D
Southbound	R	0.65	42.5	D	R	0.72	47.1	D	R	0.41	26.1	C	R	0.46	27.2	C	R	0.59	40.7	D	R	0.66	44.1	D
	Intersection		41.4	D	Intersection		42.5	D	Intersection		28.0	C	Intersection		28.3	C	Intersection		33.9	C	Intersection		34.9	C
Reservoir Avenue and West 197th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Southbound																								
Reservoir Avenue/Goulden Avenue and Strong Street																								
Eastbound	LT	0.47	33.8	C	LT	0.47	33.8	C	LT	0.18	26.5	C	LT	0.18	26.5	C	LT	0.28	28.3	C	LT	0.28	28.3	C
Northbound	L	0.33	7.0	A	L	0.38	7.2	A	L	0.18	5.4	A	L	0.22	6.4	A	L	0.47	10.4	B	L	0.55	12.0	B
Northbound	T	0.25	5.7	A	T	0.27	5.5	A	T	0.14	5.1	A	T	0.17	5.8	A	T	0.19	6.0	A	T	0.22	6.0	A
Southbound	T	0.62	28.8	C	T	0.66	30.4	C	T	0.46	24.6	C	T	0.49	25.4	C	T	0.65	29.8	C	T	0.68	30.9	C
Southeastbound	R	0.54	37.0	D	R	0.59	38.5	D	R	0.25	31.8	C	R	0.30	32.4	C	R	0.44	34.7	C	R	0.48	35.6	D
	Intersection		23.6	C	Intersection		24.5	C	Intersection		19.1	B	Intersection		19.5	B	Intersection		22.5	C	Intersection		23.0	C
Reservoir Avenue and West 195th Street																								
Westbound	LTR	0.66	33.5	C	LTR	0.85	48.2	D	LTR	0.42	35.3	D	LTR	0.63	38.4	D	LTR	0.71	34.7	C	LTR	1.06	89.4	F+
Northbound	LTR	0.32	12.0	B	LTR	0.47	14.1	B	LTR	0.19	11.6	B	LTR	0.27	12.5	B	LTR	0.27	11.4	B	LTR	0.35	12.3	B
Southbound	LTR	0.67	19.1	B	LTR	0.81	24.7	C	LTR	0.36	12.1	B	LTR	0.44	13.2	B	LTR	0.58	15.3	B	LTR	0.66	16.9	B
	Intersection		20.1	C	Intersection		26.4	C	Intersection		17.4	B	Intersection		19.6	B	Intersection		19.2	B	Intersection		37.0	D
Reservoir Avenue/Aqueduct Avenue and West Kingsbridge Road																								
Eastbound	T	0.47	17.7	B	T	0.54	17.7	B	T	0.45	7.2	A	T	0.50	7.1	A	T	0.55	10.0	B	T	0.59	10.3	B
Westbound	T	0.42	19.3	B	T	0.43	19.5	B	T	0.27	14.5	B	T	0.28	14.6	B	T	0.28	17.3	B	T	0.29	17.5	B
Northbound	LTR	0.27	31.6	C	LTR	0.28	32.0	C	LTR	0.17	24.2	C	LTR	0.18	24.4	C	LTR	0.26	31.4	C	LTR	0.28	31.8	C
Southbound	L	0.63	42.3	D	L	0.66	44.1	D	L	0.26	27.0	C	L	0.28	26.9	C	L	0.33	32.8	C	L	0.35	33.3	C
Southbound	R	0.55	39.0	D	R	0.70	46.3	D	R	0.36	29.4	C	R	0.52	32.8	C	R	0.49	36.9	D	R	0.75	49.3	D
	Intersection		24.6	C	Intersection		25.7	C	Intersection		14.2	B	Intersection		14.8	B	Intersection		18.3	B	Intersection		20.9	C
Jerome Avenue and East 198th Street																								
Westbound	LT	0.23	45.5	D	LT	0.28	48.3	D	LT	0.25	26.3	C	LT	0.30	27.3	C	LT	0.24	23.6	C	LT	0.31	24.7	C
Northbound	TR	0.54	12.3	B	TR	0.62	14.0	B	TR	0.47	7.6	A	TR	0.55	8.4	A	TR	0.62	9.3	A	TR	0.72	11.1	B
Southbound	LT	0.51	21.9	C	LT	0.55	23.0	C	LT	0.41	16.7	B	LT	0.45	17.3	B	LT	0.50	21.6	C	LT	0.54	22.4	C
	Intersection		20.1	C	Intersection		21.9	C	Intersection		13.7	B	Intersection		14.4	B	Intersection		15.7	B	Intersection		17.0	B
Jerome Avenue and Morris Avenue																								
Westbound	LTR	0.10	29.5	C	LTR	0.10	29.5	C	LTR	0.13	24.4	C	LTR	0.13	24.4	C	LTR	0.16	30.3	C	LTR	0.16	30.3	C
Northbound	LT	0.34	13.4	B	LT	0.40	14.1	B	LT	0.33	12.9	B	LT	0.39	15.2	B	LT	0.48	6.2	A	LT	0.56	6.3	A
Southbound	TR	0.41	7.9	A	TR	0.47	9.2	A	TR	0.41	8.7	A	TR	0.47	9.5	A	TR	0.47	10.8	B	TR	0.53	12.1	B
	Intersection		11.7	B	Intersection		12.5	B	Intersection		11.8	B	Intersection		13.1	B	Intersection		10.3	B	Intersection		10.7	B
Jerome Avenue and East 196th Street																								
Westbound	LT	0.30	31.0	C	LT	0.31	31.4	C	LT	0.29	26.6	C	LT	0.30	26.8	C	LT	0.39	23.8	C	LT	0.39	23.9	C
Northbound	TR	0.58	18.2	B	TR	0.66	20.0	C	TR	0.52	9.4	A	TR	0.60	12.8	B	TR	0.66	21.5	C	TR	0.75	22.7	C
Southbound	LT	0.57	15.7	B	LT	0.65	17.2	B	LT	0.58	20.1	C	LT	0.65	22.4	C	LT	0.73	44.8	D	LT	0.84	52.3	D
	Intersection		19.3	B	Intersection		20.6	C	Intersection		17.1	B	Intersection		19.2	B	Intersection		31.4	C	Intersection		35.1	D

Intersection	Weekday PM								Weekday Evening								Saturday Midday/Afternoon							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Webb Avenue and West Kingsbridge Road																								
Eastbound	TR	0.77	24.5	C	TR	0.82	27.3	C	TR	0.81	39.6	D	TR	1.45	235.4	F+	TR	0.77	38.3	D	TR	0.82	40.9	D
Westbound	LT	0.65	24.6	C	LT	0.69	25.4	C	LT	0.51	15.8	B	LT	0.64	19.1	B	LT	0.48	13.9	B	LT	0.49	15.3	B
Northbound	L	0.83	64.4	E	L	0.83	64.4	E	L	0.31	31.8	C	L	0.31	31.8	C	L	0.24	30.5	C	L	0.24	30.5	C
Northbound	R	0.28	22.0	C	R	0.28	22.0	C	R	0.07	14.1	B	R	0.07	14.1	B	R	0.04	13.8	B	R	0.04	13.8	B
Southbound	LTR	0.37	37.8	D	LTR	0.37	37.8	D	LTR	0.38	33.1	C	LTR	0.38	33.1	C	LTR	0.45	34.9	C	LTR	0.45	34.9	C
	Intersection		30.0	C	Intersection		31.1	C	Intersection		28.6	C	Intersection		147.7	F	Intersection		26.8	C	Intersection		28.8	C
University Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.75	22.8	C	LTR	0.81	24.5	C	LTR	0.78	18.1	B	LTR	1.39	193.0	F+	LTR	0.70	16.0	B	LTR	0.77	17.0	B
Westbound	LTR	0.94	43.4	D	LTR	1.34	101.1	F+	LTR	1.04	64.5	E	LTR	2.47	200.2	F+	LTR	0.91	35.9	D	LTR	1.13	97.3	F+
Northbound	L	0.71	58.2	E	L	0.74	61.6	E	L	0.49	32.4	C	L	0.51	33.1	C	L	0.59	35.8	D	L	0.62	37.6	D
Northbound	TR	0.73	53.0	D	TR	0.81	60.9	E+	TR	0.62	35.0	C	TR	0.66	36.9	D	TR	0.66	36.6	D	TR	0.75	42.3	D
Southbound	LTR	0.54	43.0	D	LTR	0.57	44.5	D	LTR	0.43	28.9	C	LTR	0.44	29.2	C	LTR	0.45	29.5	C	LTR	0.47	30.0	C
	Intersection		37.4	D	Intersection		38.4	D	Intersection		161.1	F	Intersection		28.1	C	Intersection		50.0	D	Intersection		23.8	C
University Avenue and West Fordham Road																								
Eastbound	T	0.76	36.8	D	T	0.76	36.8	D	T	0.73	35.8	D	T	0.73	35.8	D	T	0.68	35.3	D	T	0.68	35.3	D
Eastbound	R	0.60	41.4	D	R	0.60	41.4	D	R	0.62	42.5	D	R	0.62	42.5	D	R	0.52	37.5	D	R	0.52	37.5	D
Westbound	L	0.61	31.4	C	L	0.61	31.4	C	L	0.64	32.9	C	L	0.64	32.9	C	L	0.51	27.7	C	L	0.51	27.7	C
Westbound	T	0.54	20.3	C	T	0.54	20.3	C	T	---	---	---	T	---	---	---	T	---	---	---	T	---	---	---
Westbound	R	0.17	15.9	B	R	0.17	15.9	B	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	TR	---	---	---	TR	---	---	---	TR	0.64	22.7	C	TR	0.64	22.7	C	TR	0.69	25.4	C	TR	0.69	25.4	C
Northbound	L	0.65	48.5	D	L	0.71	54.6	D	L	0.63	44.6	D	L	0.67	47.7	D	L	0.49	36.6	D	L	0.53	38.5	D
Northbound	T	0.51	36.2	D	T	0.55	37.3	D	T	0.47	34.9	C	T	0.48	35.3	D	T	0.43	32.5	C	T	0.47	33.5	C
Northbound	R	0.68	45.8	D	R	0.68	45.8	D	R	0.42	34.8	C	R	0.42	34.8	C	R	0.38	32.4	C	R	0.38	32.4	C
Southbound	L	0.61	45.0	D	L	0.63	47.0	D	L	0.42	36.3	D	L	0.43	36.6	D	L	0.40	33.9	C	L	0.42	34.6	C
Southbound	T	0.58	38.5	D	T	0.65	41.3	D	T	0.45	34.5	C	T	0.50	35.9	D	T	0.42	32.4	C	T	0.49	34.0	C
Southbound	R	0.59	40.7	D	R	0.66	44.1	D	R	0.67	44.4	D	R	0.70	46.2	D	R	0.46	34.2	C	R	0.50	35.4	D
	Intersection		33.9	C	Intersection		34.9	C	Intersection		33.1	C	Intersection		33.6	C	Intersection		31.3	C	Intersection		31.7	C
Reservoir Avenue and West 197th Street																								
Eastbound	Not Analyzed				Not Analyzed				LTR	0.21	15.6	B	LTR	0.21	15.6	B	Not Analyzed				Not Analyzed			
Westbound									LTR	0.14	1.5	A	LTR	0.14	0.9	A								
Northbound									TR	0.15	37.7	D	TR	0.16	33.7	C								
Southbound									LT	0.28	21.7	C	LT	0.29	21.8	C								
									Intersection		21.9	C	Intersection		21.0	C								
Reservoir Avenue/Goulden Avenue and Strong Street																								
Eastbound	LT	0.28	28.3	C	LT	0.28	28.3	C	LT	0.24	27.5	C	LT	0.24	27.5	C	LT	0.22	27.2	C	LT	0.22	27.2	C
Northbound	L	0.47	10.4	B	L	0.55	12.0	B	L	0.30	7.7	A	L	0.41	7.3	A	L	0.23	6.0	A	L	0.27	6.4	A
Northbound	T	0.19	6.0	A	T	0.22	6.0	A	T	0.15	6.0	A	T	0.18	6.4	A	T	0.12	5.1	A	T	0.15	5.3	A
Southbound	T	0.65	29.8	C	T	0.68	30.9	C	T	0.51	9.3	A	T	0.79	12.5	B	T	0.49	25.1	C	T	0.52	25.9	C
Southeastbound	R	0.44	34.7	C	R	0.48	35.6	D	R	0.39	45.6	D	R	0.41	46.3	D	R	0.37	33.4	C	R	0.42	34.2	C
	Intersection		22.5	C	Intersection		23.0	C	Intersection		18.0	B	Intersection		18.0	B	Intersection		21.1	C	Intersection		21.3	C
Reservoir Avenue and West 195th Street																								
Westbound	LTR	0.71	34.7	C	LTR	1.06	89.4	F+	LTR	0.51	36.8	D	LTR	0.62	37.9	D	LTR	0.42	36.3	D	LTR	0.56	38.4	D
Northbound	LTR	0.27	11.4	B	LTR	0.35	12.3	B	LTR	0.19	11.9	B	LTR	1.72	217.2	F+	LTR	0.22	10.3	B	LTR	0.30	10.8	B
Southbound	LTR	0.58	15.3	B	LTR	0.66	16.9	B	LTR	0.45	15.2	B	LTR	1.53	28.3	C	LTR	0.43	15.1	B	LTR	0.50	16.1	B
	Intersection		19.2	B	Intersection		37.0	D	Intersection		19.8	B	Intersection		124.8	F	Intersection		18.4	B	Intersection		19.6	B
Reservoir Avenue/Aqueduct Avenue and West Kingsbridge Road																								
Eastbound	T	0.55	10.0	B	T	0.59	10.3	B	T	0.44	6.6	A	T	0.85	5.5	A	T	0.46	7.3	A	T	0.51	7.4	A
Westbound	T	0.28	17.3	B	T	0.29	17.5	B	T	0.33	15.2	B	T	0.37	15.6	B	T	0.29	14.8	B	T	0.31	14.9	B
Northbound	LTR	0.26	31.4	C	LTR	0.28	31.8	C	LTR	0.14	23.8	C	LTR	0.15	23.9	C	LTR	0.26	25.6	C	LTR	0.28	26.1	C
Southbound	L	0.33	32.8	C	L	0.35	33.3	C	L	0.32	25.8	C	L	0.34	23.3	C	L	0.34	15.0	B	L	0.36	18.3	B
Southbound	R	0.49	36.9	D	R	0.75	49.3	D	R	0.39	27.4	C	R	0.51	26.5	C	R	0.31	14.8	B	R	0.45	20.1	C
	Intersection		18.3	B	Intersection		20.9	C	Intersection		14.0	B	Intersection		11.5	B	Intersection		12.3	B	Intersection		13.1	B
Jerome Avenue and East 198th Street																								
Westbound	LT	0.24	23.6	C	LT	0.27	26.8	C	LT	0.27	106.3	F+	LT	1.09	106.3	F+	LT	0.33	27.8	C	LT	0.43	30.3	C
Northbound	TR	0.62	9.3	A	TR	0.72	11.1	B	TR	0.57	8.4	A	TR	0.69	10.6	B	TR	0.49	6.6	A	TR	0.59	7.8	A
Southbound	LT	0.50	21.6	C	LT	0.54	22.4	C	LT	0.43	16.9	B	LT	0.45	17.3	B	LT	0.39	16.3	B	LT	0.43	16.8	B
	Intersection		15.7	B	Intersection		17.0	B	Intersection		13.8	B	Intersection		44.3	D	Intersection		13.6	B	Intersection		15.0	B
Jerome Avenue and Morris Avenue																								
Westbound	LTR	0.13	24.4	C	LTR	0.13	24.4	C	LTR	0.16	30.3	C	LTR	0.23	25.9	C	LTR	0.23	25.9	C	LTR	0.13	24.4	C
Northbound	LT	0.48	6.2	A	LT	0.56	6.3	A	LT	0.44	15.7	B	LT	0.53	17.5	B	LT	0.38	21.6	C	LT	0.45	21.2	C
Southbound	TR	0.47	10.8	B	TR	0.53	12.1	B	TR	0.45	8.5	A	TR	0.88	26.1	C	TR	0.43	8.1	A	TR	0.51	9.9	A
	Intersection		10.3	B	Intersection		10.7	B	Intersection		13.7	B	Intersection		23.1	C	Intersection		15.3	B	Intersection		15.9	B
Jerome Avenue and East 196th Street																								
Westbound	LT	0.39	23.8	C	LT	0.39	23.9	C	LT	0.39	28.3	C	LT	0.40	28.5	C	LT	0.35	27.5	C	LT	0.35	27.6	C
Northbound	TR	0.66	21.5	C	TR	0.75	22.7	C	TR	0.66	13.4	B	TR	0.77	15.5	B	TR	0.59	20.1	C	TR	0.68	15.7	B
Southbound	LT	0.73	44.8	D	LT	0.84	52.3	D	LT	0.66	24.8	C	LT	1.17	110.8	F+	LT	0.58	19.2	B	LT	0.67	21.8	C
	Intersection		31.4	C	Intersection		35.1	D	Intersection		20.8	C	Intersection		66.2	E	Intersection		21.1	C	Intersection		20.2	C

Intersection	Saturday Midday/Afternoon								Saturday Evening							
	2032 No Action				2032 With Action				2032 No Action				2032 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
Webb Avenue and West Kingsbridge Road																
Eastbound	TR	0.77	38.3	D	TR	0.82	40.9	D	TR	0.77	38.0	D	TR	1.71	347.4	F+
Westbound	LT	0.48	13.9	B	LT	0.49	15.3	B	LT	0.38	12.3	B	LT	0.48	15.3	B
Northbound	L	0.24	30.5	C	L	0.24	30.5	C	L	0.15	28.7	C	L	0.15	28.7	C
Northbound	R	0.04	13.8	B	R	0.04	13.8	B	R	0.03	13.7	B	R	0.03	13.7	B
Southbound	LTR	0.45	34.9	C	LTR	0.45	34.9	C	LTR	0.34	31.9	C	LTR	0.34	31.9	C
	Intersection		26.8	C	Intersection		28.8	C	Intersection		26.8	C	Intersection		241.2	F
University Avenue and West Kingsbridge Road																
Eastbound	LTR	0.70	16.0	B	LTR	0.77	17.0	B	LTR	0.73	16.3	B	LTR	1.54	263.9	F+
Westbound	LTR	0.91	35.9	D	LTR	1.13	97.3	F+	LTR	0.81	27.0	C	LTR	2.23	66.5	E+
Northbound	L	0.59	35.8	D	L	0.62	37.6	D	L	0.48	31.3	C	L	0.49	32.0	C
Northbound	TR	0.66	36.6	D	TR	0.75	42.3	D	TR	0.48	30.1	C	TR	0.50	30.9	C
Southbound	LTR	0.45	29.5	C	LTR	0.47	30.0	C	LTR	0.45	29.4	C	LTR	0.46	29.8	C
	Intersection		28.1	C	Intersection		50.0	D	Intersection		23.8	C	Intersection		173.6	F
University Avenue and West Fordham Road																
Eastbound	T	0.68	35.3	D	T	0.68	35.3	D	T	0.58	32.8	C	T	0.58	32.8	C
Eastbound	R	0.52	37.5	D	R	0.52	37.5	D	R	0.62	43.5	D	R	0.62	43.5	D
Westbound	L	0.51	27.7	C	L	0.51	27.7	C	L	0.45	25.0	C	L	0.45	25.0	C
Westbound	T	---	---	---	T	---	---	---	T	---	---	---	T	---	---	---
Westbound	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	TR	0.69	25.4	C	TR	0.69	25.4	C	TR	0.59	22.7	C	TR	0.59	22.7	C
Northbound	L	0.49	36.6	D	L	0.53	38.5	D	L	0.45	34.7	C	L	0.46	35.4	D
Northbound	T	0.43	32.5	C	T	0.47	33.5	C	T	0.35	30.8	C	T	0.36	31.0	C
Northbound	R	0.38	32.4	C	R	0.38	32.4	C	R	0.45	34.2	C	R	0.45	34.2	C
Southbound	L	0.40	33.9	C	L	0.42	34.6	C	L	0.37	32.8	C	L	0.38	32.9	C
Southbound	T	0.42	32.4	C	T	0.49	34.0	C	T	0.35	30.9	C	T	0.39	31.7	C
Southbound	R	0.46	34.2	C	R	0.50	35.4	D	R	0.49	35.3	D	R	0.52	36.0	D
	Intersection		31.3	C	Intersection		31.7	C	Intersection		30.0	C	Intersection		30.2	C
Reservoir Avenue and West 197th Street																
Eastbound	Not Analyzed				Not Analyzed				LTR	0.18	15.2	B	LTR	0.18	15.2	B
Westbound									LTR	0.08	3.3	A	LTR	0.08	1.8	A
Northbound									TR	0.09	33.3	C	TR	0.09	29.8	C
Southbound									LT	0.20	20.7	C	LT	0.21	20.7	C
									Intersection		19.9	B	Intersection		19.2	B
Reservoir Avenue/Goulden Avenue and Strong Street																
Eastbound	LT	0.22	27.2	C	LT	0.22	27.2	C	LT	0.22	27.1	C	LT	0.22	27.1	C
Northbound	L	0.23	6.0	A	L	0.27	6.4	A	L	0.12	6.5	A	L	0.17	6.9	A
Northbound	T	0.12	5.1	A	T	0.15	5.3	A	T	0.09	6.3	A	T	0.12	6.9	A
Southbound	T	0.49	25.1	C	T	0.52	25.9	C	T	0.26	2.8	A	T	0.60	9.6	A
Southeastbound	R	0.37	33.4	C	R	0.42	34.2	C	R	0.34	46.4	D	R	0.35	46.6	D
	Intersection		21.1	C	Intersection		21.3	C	Intersection		19.9	B	Intersection		18.5	B
Reservoir Avenue and West 195th Street																
Westbound	LTR	0

Table D-3

2032 No Action and With Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM								Weekday Midday								Weekday PM							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Jerome Avenue and East 195th Street																								
Eastbound	LT	0.67	52.6	D	LT	1.02	106.4	F+	LT	0.34	35.0	D	LT	0.66	43.3	D	LT	0.65	50.6	D	LT	1.11	133.1	F+
Northbound	LT	0.83	34.5	C	LT	1.17	120.8	F+	LT	0.65	16.2	B	LT	0.90	32.7	C	LT	0.81	41.3	D	LT	1.07	88.6	F+
Southbound	TR	0.85	31.4	C	TR	0.97	48.6	D	TR	0.83	25.6	C	TR	1.00	54.2	D	TR	0.92	42.2	D	TR	1.10	90.0	F+
	Intersection		36.9	D	Intersection		85.4	F	Intersection		23.4	C	Intersection		44.7	D	Intersection		43.6	D	Intersection		100.8	F
Jerome Avenue and West Kingsbridge Road/East Kingsbridge Road																								
Eastbound	LTR	0.90	50.8	D	LTR	0.93	55.9	E+	LTR	0.71	31.0	C	LTR	0.73	32.0	C	LTR	0.99	68.9	E	LTR	1.02	77.0	E+
Westbound	LTR	0.81	24.1	C	LTR	0.90	31.8	C	LTR	0.60	17.9	B	LTR	0.68	21.0	C	LTR	0.74	46.0	D	LTR	0.80	51.0	D
Northbound	LTR	0.85	59.8	E	LTR	0.95	80.3	F+	LTR	0.88	55.0	D	LTR	0.94	67.8	E+	LTR	0.85	56.4	E	LTR	0.97	81.5	F+
Southbound	LT	0.69	30.6	C	LT	0.87	36.0	D	LT	0.58	37.9	D	LT	0.80	45.8	D	LT	0.72	44.8	D	LT	1.00	57.8	E+
Southbound	R	0.34	22.5	C	R	0.40	22.8	C	R	0.35	33.7	C	R	0.43	33.8	C	R	0.33	35.4	D	R	0.39	33.4	C
	Intersection		38.5	D	Intersection		45.7	D	Intersection		32.8	C	Intersection		37.3	D	Intersection		55.2	E	Intersection		64.5	E
Morris Avenue and East Kingsbridge Road																								
Eastbound	LT	0.48	5.7	A	LT	0.50	6.3	A	LT	0.37	5.7	A	LT	0.39	6.8	A	LT	0.49	7.8	A	LT	0.52	10.0	B
Westbound	TR	0.48	6.3	A	TR	0.50	6.3	A	TR	0.34	3.2	A	TR	0.36	3.1	A	TR	0.44	5.4	A	TR	0.46	5.5	A
Northbound	LTR	0.15	26.7	C	LTR	0.15	26.8	C	LTR	0.20	21.9	C	LTR	0.21	21.9	C	LTR	0.20	27.7	C	LTR	0.21	27.7	C
	Intersection		7.0	A	Intersection		7.3	A	Intersection		6.0	A	Intersection		6.4	A	Intersection		8.0	A	Intersection		9.1	A
Creston Avenue and East Kingsbridge Road																								
Eastbound	TR	0.47	15.6	B	TR	0.49	15.4	B	TR	0.40	6.0	A	TR	0.43	6.0	A	TR	0.45	6.2	A	TR	0.48	6.2	A
Westbound	LT	0.45	16.8	B	LT	0.48	17.4	B	LT	0.34	16.0	B	LT	0.36	16.2	B	LT	0.42	18.5	B	LT	0.44	19.2	B
Southbound	LTR	0.33	33.5	C	LTR	0.33	33.5	C	LTR	0.30	25.4	C	LTR	0.30	25.5	C	LTR	0.33	33.4	C	LTR	0.34	33.5	C
	Intersection		17.8	B	Intersection		17.9	B	Intersection		12.2	B	Intersection		12.2	B	Intersection		14.2	B	Intersection		14.4	B
Grand Concourse and East 198th Street																								
Eastbound	TR	0.29	45.7	D	TR	0.38	47.7	D	TR	0.22	30.1	C	TR	0.30	31.7	C	TR	0.23	15.7	B	TR	0.33	17.2	B
Westbound	TR	0.55	34.1	C	TR	0.59	35.0	D	TR	0.48	45.1	D	TR	0.53	46.9	D	TR	0.48	37.8	D	TR	0.54	39.4	D
Northbound	L	0.22	31.8	C	L	0.22	31.9	C	L	0.21	66.8	E	L	0.21	66.7	E	L	0.26	86.8	F	L	0.26	86.7	F
Northbound	T	0.24	38.5	D	T	0.24	38.6	D	T	0.27	12.0	B	T	0.27	12.0	B	T	0.56	3.2	A	T	0.56	3.2	A
Northbound	TR	0.43	38.4	D	TR	0.43	38.4	D	TR	0.46	20.8	C	TR	0.46	21.0	C	TR	0.60	21.1	C	TR	0.60	21.0	C
Southbound	L	0.42	63.1	E	L	0.42	63.1	E	L	0.21	55.3	E	L	0.21	55.3	E	L	0.16	53.9	D	L	0.16	53.9	D
Southbound	T	0.80	33.1	C	T	0.80	33.1	C	T	0.39	23.4	C	T	0.39	23.4	C	T	0.43	22.9	C	T	0.43	22.9	C
Southbound	TR	0.46	24.7	C	TR	0.46	24.7	C	TR	0.34	23.5	C	TR	0.34	23.6	C	TR	0.31	21.8	C	TR	0.31	21.9	C
	Intersection		30.2	C	Intersection		29.8	C	Intersection		17.1	B	Intersection		16.6	B	Intersection		12.6	B	Intersection		12.4	B
Grand Concourse and East 196th Street																								
Eastbound	TR	0.54	56.4	E	TR	0.55	58.2	E	TR	0.38	38.4	D	TR	0.39	38.7	D	TR	0.45	19.2	B	TR	0.45	22.7	C
Westbound	TR	0.58	45.6	D	TR	0.59	46.2	D	TR	0.55	43.3	D	TR	0.56	43.9	D	TR	0.81	59.3	E	TR	0.81	59.9	E
Northbound	L	0.41	61.0	E	L	0.42	61.3	E	L	0.53	70.5	E	L	0.54	71.2	E	L	0.78	112.9	F	L	0.78	112.9	F
Northbound	T	0.32	18.0	B	T	0.32	17.9	B	T	0.33	15.5	B	T	0.33	15.6	B	T	0.64	6.9	A	T	0.64	6.8	A
Northbound	TR	0.35	20.9	C	TR	0.35	20.9	C	TR	0.41	17.1	B	TR	0.41	17.1	B	TR	0.49	14.7	B	TR	0.49	14.7	B
Southbound	L	0.31	83.4	F	L	0.31	82.8	F	L	0.15	36.2	D	L	0.15	36.3	D	L	0.16	42.8	D	L	0.16	43.0	D
Southbound	T	0.86	14.8	B	T	0.86	14.7	B	T	0.40	26.6	C	T	0.40	26.8	C	T	0.39	54.5	D	T	0.39	54.4	D
Southbound	TR	0.86	37.0	D	TR	0.87	37.8	D	TR	0.54	29.0	C	TR	0.55	29.2	C	TR	0.60	47.2	D	TR	0.61	47.4	D
	Intersection		16.7	B	Intersection		16.6	B	Intersection		20.8	C	Intersection		20.9	C	Intersection		26.1	C	Intersection		26.1	C
Grand Concourse and East Kingsbridge Road																								
Eastbound	TR	0.61	59.2	E	TR	0.63	60.5	E	TR	0.60	43.5	D	TR	0.63	44.5	D	TR	0.67	60.9	E	TR	0.70	62.4	E
Westbound	TR	0.28	73.6	E	TR	0.29	73.7	E	TR	0.35	36.8	D	TR	0.37	37.3	D	TR	0.33	20.4	C	TR	0.34	20.4	C
Northbound	L	0.73	68.4	E	L	0.76	71.5	E	L	0.81	111.0	F	L	0.84	114.5	F	L	1.46	305.2	F	L	1.50	323.6	F+
Northbound	T	0.32	50.6	D	T	0.32	50.7	D	T	0.32	9.6	A	T	0.32	9.5	A	T	0.73	9.2	A	T	0.73	8.9	A
Northbound	TR	0.35	36.2	D	TR	0.35	36.3	D	TR	0.39	16.1	B	TR	0.39	16.2	B	TR	0.55	21.3	C	TR	0.55	21.2	C
Southbound	L	0.37	82.3	F	L	0.38	82.3	F	L	0.37	74.5	E	L	0.38	74.9	E	L	0.33	58.6	E	L	0.33	58.5	E
Southbound	T	0.94	18.4	B	T	0.94	18.4	B	T	0.40	7.9	A	T	0.40	8.0	A	T	0.46	41.7	D	T	0.46	41.6	D
Southbound	TR	0.97	40.6	D	TR	0.97	40.8	D	TR	0.65	20.6	C	TR	0.66	21.0	C	TR	0.75	51.1	D	TR	0.76	51.4	D
	Intersection		27.3	C	Intersection		27.5	C	Intersection		20.9	C	Intersection		21.6	C	Intersection		53.7	D	Intersection		56.6	E
Grand Concourse and East 192nd Street																								
Eastbound	TR	0.14	28.6	C	TR	0.14	28.6	C	TR	0.13	26.5	C	TR	0.13	26.5	C	TR	0.13	28.5	C	TR	0.13	28.5	C
Northbound	L	0.39	68.4	E	L	0.39	68.4	E	L	0.51	74.9	E	L	0.51	74.9	E	L	0.59	81.7	F	L	0.59	81.7	F
Northbound	T	0.39	21.7	C	T	0.39	21.7	C	T	0.42	24.0	C	T	0.43	24.1	C	T	0.86	35.6	D	T	0.86	35.9	D
Northbound	TR	0.29	21.2	C	TR	0.30	21.2	C	TR	0.36	24.3	C	TR	0.37	24.4	C	TR	0.37	22.6	C	TR	0.38	22.7	C
Southbound	L	0.52	92.5	F	L	0.52	92.3	F	L	0.33	61.3	E	L	0.33	61.5	E	L	0.56	76.7	E	L	0.56	77.1	E
Southbound	T	1.00	32.8	C	T	1.01	34.2	C	T	0.46	37.7	D	T	0.47	37.4	D	T	0.55	24.5	C	T	0.56	24.5	C
Southbound	TR	0.56	7.0	A	TR	0.56	7.0	A	TR	0.38	30.1	C	TR	0.38	29.9	C	TR	0.38	32.9	C	TR	0.38	33.0	C
	Intersection		30.9	C	Intersection		31.8	C	Intersection		32.3	C	Intersection		32.2	C	Intersection		32.7	C	Intersection		32.9	C
Valentine Avenue and East 198th Street																								
Eastbound	TR	0.33	8.0	A	TR	0.38	7.6	A	TR	0.26	15.5	B	TR	0.32	16.7	B	TR	0.29	20.9	C	TR	0.36	22.9	C
Westbound	LT	0.62	20.4	C	LT	0.66	21.9	C	LT	0.48	16.2	B	LT	0.51	17.0	B	LT	0.56	18.4	B	LT	0.60	19.6	B
Southbound	LTR	0.52	17.2	B	LTR	0.52	17.2	B	LTR	0.37	14.3	B	LTR	0.37	14.3	B	LTR	0.53	17.2	B	LTR	0.53	17.2	B
	Intersection		16.3	B	Intersection		16.6	B	Intersection		15.4	B	Intersection		16.1	B	Intersection		18.5	B	Intersection		19.6	B
Valentine Avenue/East Kingsbridge Road and East 192nd Street (West)																								
Eastbound	TR	0.47	40.7	D	TR	0.47	40.7	D	TR	0.45	36.1	D	TR	0.45	36.1	D	TR	0.47	40.1	D	TR	0.47	40.0	D
Westbound	L	0.04	77.6	E	L	0.04	76.8	E	L	0.04	59.4	E	L	0.04	57.6	E	L	0.05	62.1	E	L	0.05	63.2	E
Northbound	R	0.07	5.8	A	R	0.07	5.8	A	R	0.08	5.5	A	R	0.08	5.5	A	R	0.08	5.9	A	R	0.08	5.9	A
Southbound	LT	0.12	2.4	A	LT	0.12	2.3	A	LT	0.12	0.8	A	LT	0.12	0.8	A	LT	0.15	0.9	A	LT	0.15	0.9	A
	Intersection		18.8	B	Intersection		18.8	B	Intersection		15.4	B	Intersection		15.4	B	Intersection		14.5	B	Intersection		14.5	B

Intersection	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Jerome Avenue and East 195th Street																								
Eastbound	LT	0.46	32.0	C	LT	0.74	40.4	D	LT	0.50	33.7	C	LT	0.87	55.9	E+	LT	0.45	27.1	C	LT	0.70	18.0	B
Northbound	LT	0.93	39.7	D	LT	14.91	6289.2	F+	LT	0.82	24.8	C	LT	1.11	76.9	E+	LT	0.43	17.1	B	LT	12.98	5412.1	F+
Southbound	TR	0.90	32.3	C	TR	1.73	348.4	F+	TR	0.74	38.0	D	TR	0.91	54.6	D	TR	0.63	12.6	B	TR	1.57	278.0	F+
	Intersection		34.9	C	Intersection		2686.9	F	Intersection		32.1	C	Intersection		62.8	E	Intersection		17.0	B	Intersection		2395.2	F
Jerome Avenue and West Kingsbridge Road/East Kingsbridge Road																								
Eastbound	LTR	0.89	43.0	D	LTR	1.09	93.5	F+	LTR	1.05	78.0	E	LTR	1.09	93.9	F+	LTR	0.68	30.2	C	LTR	1.01	47.7	D
Westbound	LTR	0.75	24.3	C	LTR	1.73	362.9	F+	LTR	0.72	21.7	C	LTR	0.80	26.3	C	LTR	0.57	16.3	B	LTR	1.72	357.6	F+
Northbound	LTR	0.87	52.8	D	LTR	1.22	153.8	F+	LTR	1.04	91.5	F	LTR	1.23	163.2	F+	LTR	0.73	39.5	D	LTR	1.03	86.3	F+
Southbound	LT	0.60	38.2	D	LT	1.02	61.3	E+	LT	0.63	29.0	C	LT	0.83	37.7	D	LT	0.49	24.1	C	LT	0.79	26.1	C
Southbound	R	0.30	34.0	C	R	0.38	33.6	C	R	0.28	21.7	C	R	0.38	24.5	C	R	0.28	20.4	C	R	0.33	20.5	C
	Intersection		38.0	D	Intersection		195.6	F	Intersection		54.5	D	Intersection		73.5	E	Intersection		26.2	C	Intersection		176.2	F
Morris Avenue and East Kingsbridge Road																								
Eastbound	LT	0.42	5.3	A	LT	0.48	6.3	A	LT	0.41	6.0	A	LT	0.43	6.6	A	LT	0.36	7.5	A	LT	0.42	8.4	A
Westbound	TR	0.46	3.7	A	TR	0.68	5.1	A	TR	0.37	3.5	A	TR	0.39	3.4	A	TR	0.33	4.2	A	TR	0.57	4.1	A
Northbound	LTR	0.21	27.7	C	LTR	0.11	20.7	C	LTR	0.11	20.7	C	LTR	0.11	20.7	C	LTR	0.13	20.8	C	LTR	0.13	20.8	C
	Intersection		9.1	A	Intersection		6.1	A	Intersection		5.4	A	Intersection		5.7	A	Intersection		6.7	A	Intersection		6.5	A
Creston Avenue and East Kingsbridge Road																								
Eastbound	TR	0.43	6.2	A	TR	0.46	7.6	A	TR	0.40	7.7	A	TR	0.43	7.6	A	TR	0.34	4.7	A	TR	0.37	6.1	A
Westbound	LT	0.44	17.2	B	LT	0.64	20.8	C	LT	0.37	16.3	B	LT	0.39	16.6	B	LT	0.29	15.4	B	LT	0.55	18.9	B
Southbound	LTR	0.34	33.5	C	LTR	0.30	25.3	C	LTR	0.29	25.4	C	LTR	0.30	25.5	C	LTR	0.35	26.4	C	LTR	0.36	26.4	C
	Intersection		13.2	B	Intersection		15.8	B	Intersection		13.1	B	Intersection		13.1	B	Intersection		12.0	B	Intersection		15.1	B
Grand Concourse and East 198th Street																								
Eastbound	TR	0.33	17.2	B	TR	0.18	30.8	C	TR	0.21	29.9	C	TR	0.30	31.6	C	TR	0.20	29.6	C	TR	0.31	31.6	C
Westbound	TR	0.54	39.4	D	TR	0.43	35.3	D	TR	0.51	42.0	D	TR	0.60	45.7	D	TR	0.52	43.3	D	TR	1.40	232.8	F+
Northbound	L	0.26	86.7	F	L	0.31	90.7	F	L	0.31	69.6	E	L	0.31	69.1	E	L	0.31	72.3	E	L	0.31	71.9	E
Northbound	T	0.56	3.2	A	T	0.46	2.8	A	T	0.29	11.9	B	T	0.29	12.1	B	T	0.28	11.4	B	T	0.28	11.4	B
Northbound	TR	0.60	21.0	C	TR	0.51	14.8	B	TR	0.48	22.6	C	TR	0.48	22.8	C	TR	0.42	20.8	C	TR	0.42	20.9	C
Southbound	L	0.16	53.9	D	L	0.08	52.2	D	L	0.16	53.9	D	L	0.16	53.9	D	L	0.16	53.9	D	L	0.16	53.9	D
Southbound	T	0.43	22.9	C	T	0.29	20.9	C	T	0.34	22.8	C	T	0.34	22.8	C	T	0.24	21.3	C	T	0.24	21.3	C
Southbound	TR	0.31	21.9	C	TR	0.29	21.5	C	TR	0.32	23.1	C	TR	0.32	23.1	C	TR	0.31	22.9	C	TR	0.31	22.9	C
	Intersection		12.4	B	Intersection		11.5	B	Intersection		17.1	B	Intersection		16.4	B	Intersection		15.7	B	Intersection		50.5	D
Grand Concourse and East 196th Street																								
Eastbound	TR	0.45	22.7	C	TR	0.43	40.6	D	TR	0.44	40.9	D	TR	0.35	37.6	D	TR	0.35	37.8	D	TR	0.41	39.1	D
Westbound	TR	0.67	49.6	D	TR	0.68	50.0	D	TR	0.72	51.1	D	TR	0.72	51.7	D	TR	0.57	43.8	D	TR	0.57	44.0	D
Northbound	L	0.78	112.9	F	L	0.61	100.9	F	L	0.61	100.4	F	L	0.39	65.7	E	L	0.39	65.5	E	L	0.56	74.0	E
Northbound	T	0.64	6.8	A	T	0.55	8.9	A	T	0.55	8.9	A	T	0.35	17.9	B	T	0.35	18.2	B	T	0.33	14.8	B
Northbound	TR	0.49	14.7	B	TR	0.51	18.3	B	TR	0.51	18.3	B	TR	0.44	22.5	C	TR	0.44	22.6	C	TR	0.41	20.9	C
Southbound	L	0.16	43.0	D	L	0.11	42.6	D	L	0.11	42.4	D	L	0.20	37.3	D	L	0.20	37.2	D	L	0.18	40.6	D
Southbound	T	0.39	54.4	D	T	0.27	53.6	D	T	0.27	53.2	D	T	0.32	25.8	C	T	0.32	26.0	C	T	0.24	22.9	C
Southbound	TR	0.61	47.4	D	TR	0.46	49.4	D	TR	0.47	49.3	D	TR	0.52	30.5	C	TR	0.53	30.7	C	TR	0.43	28.9	C
	Intersection		26.1	C	Intersection		24.2	C	Intersection		24.1	C	Intersection		19.7	B	Intersection		20.0	B	Intersection		18.6	B
Grand Concourse and East Kingsbridge Road																								
Eastbound	TR	0.70	62.4	E	TR	0.58	42.5	D	TR	0.59	43.0	D	TR	0.48	39.3	D	TR	0.51	40.3	D	TR	0.40	37.4	D
Westbound	TR	0.34	20.4	C	TR	0.40	37.8	D	TR	0.41	38.1	D	TR	0.31	35.6	D	TR	0.32	36.1	D	TR	0.35	36.4	D
Northbound	L	1.23	219.5	F	L	1.24	223.9	F+	L	0.89	121.0	F	L	0.95	132.8	F+	L	0.67	97.4	F	L	0.69	98.7	F
Northbound	T	0.73	8.9	A	T	0.57	6.7	A	T	0.37	9.0	A	T	0.37	9.0	A	T	0.33	9.2	A	T	0.33	9.2	A
Northbound	TR	0.55	21.3	C	TR	0.55	21.2	C	TR	0.49	16.1	B	TR	0.49	16.4	B	TR	0.43	14.8	B	TR	0.43	14.8	B
Southbound	L	0.33	58.5	E	L	0.18	57.1	E	L	0.24	70.1	E	L	0.24	70.0	E	L	0.14	67.5	E	L	0.14	67.9	E
Southbound	T	0.46	41.6	D	T	0.31	31.6	C	T	0.33	7.9	A	T	0.33	8.1	A	T	0.26	9.9	A	T	0.26	9.9	A
Southbound	TR	0.76	51.4	D	TR	0.61	41.7	D	TR	0.66	19.3	B	TR	0.66	19.5	B	TR	0.58	18.4	B	TR	0.59	19.2	B
	Intersection		56.6	E	Intersection		39.7	D	Intersection		22.5	C	Intersection		24.6	C	Intersection		18.3	B	Intersection		18.6	B
Grand Concourse and East 192nd Street																								
Eastbound	TR	0.13	28.5	C	TR	0.15	28.8	C	TR	0.10	26.1	C	TR	0.10	26.1	C	TR	0.13	26.5	C	TR	0.13	26.5	C
Northbound	L	0.59	81.7	F	L	0.57	79.6	E	L	0.64	86.4	F	L	0.64	86.4	F	L	0.51	74.9	E	L	0.51	74.9	E
Northbound	T	0.86	35.9	D	T	0.71	28.7	C	T	0.50	25.4	C	T	0.51	25.6	C	T	0.39	23.5	C	T	0.40	23.6	C
Northbound	TR	0.38	22.7	C	TR	0.38	22.7	C	TR	0.62	31.1	C	TR	0.63	31.8	C	TR	0.52	27.6	C	TR	0.52	27.9	C
Southbound	L	0.56	77.1	E	L	0.30	57.8	E	L	0.53	74.0	E	L	0.53	73.5	E	L	0.38	64.8	E	L	0.38	64.9	E
Southbound	T	0.56	24.5	C	T	0.34	17.9	B	T	0.39	32.5	C	T	0.40	32.5	C	T	0.29	25.3	C	T	0.29	25.2	C
Southbound	TR	0.38	33.0	C	TR	0.39	29.2	C	TR	0.39	30.0	C	TR	0.39	29.9	C	TR	0.37	26.1	C	TR	0.37	25.6	C
	Intersection		32.9	C	Intersection		26.7	C	Intersection		31.9	C	Intersection		31.9	C	Intersection		26.7	C	Intersection		26.6	C
Valentine Avenue and East 198th Street																								
Eastbound	TR	0.36	22.9	C	TR	0.27	23.5	C	TR	0.36	25.5	C	TR	0.32	16.4	B	TR	0.22	15.2	B	TR	0.30	17.0	B
Westbound	LT	0.60	19.6	B	LT	0.48	17.0	B	LT	1.00	57.8	E+	LT	0.62	20.5	C	LT	0.59	19.3	B	LT	1.32	173.1	F+
Southbound	LTR	0.53	17.2	B	LTR	0.52	17.2	B	LTR	0.52	17.2	B	LTR	0.61	19.6	B	LTR	0.55	17.6	B	LTR	0.55	17.6	B
	Intersection		19.6	B	Intersection		18.4	B	Intersection		40.6	D	Intersection		19.2	B	Intersection		17.9	B	Intersection		113.2	F
Valentine Avenue/East Kingsbridge Road and East 192nd Street (West)																								
Eastbound	TR	0.47	40.0	D	TR	0.40	33.9	C	TR	0.74	49.6	D	TR	0.74	49.6	D	TR	0.62	42.0	D	TR	0.62	42.0	D
Westbound	L	0.05	63.2	E	L	0.09	55.5	E	L	0.09	52.3	D	L	0.04	55.1	E	L	0.04	55.1	E	L	0.04	50.0	D
Northbound	R	0.07	5.4	A	R	0.07	5.4	A	R	0.12	5.7	A	R	0.12	5.7	A	R	0.08	5.4	A	R	0.08	5.4	A
Southbound	LT	0.15	0.9	A	LT	0.09	0.2	A	LT	0.09	0.2	A	LT	0.12	6.6	A	LT	0.12	7.1	A	LT	0.10	0.7	A
	Intersection		14.5	B	Intersection		17.1	B	Intersection		16.9	B	Intersection		25.3	C	Intersection		25.5	C	Intersection		22.1	C

Table D-3

2032 No Action and With Action Conditions Traffic Level of Service Analysis

Intersection	Weekday AM								Weekday Midday								Weekday PM							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Valentine Avenue/East Kingsbridge Road and East 192nd Street (East)																								
Eastbound	LT	0.22	14.7	B	LT	0.22	14.7	B	LT	0.23	12.9	B	LT	0.23	12.9	B	LT	0.22	17.3	B	LT	0.22	17.2	B
Northbound	LT	0.38	30.8	C	LT	0.41	31.5	C	LT	0.20	31.3	C	LT	0.23	31.8	C	LT	0.22	21.1	C	LT	0.24	21.5	C
Southbound	TR	0.30	9.3	A	TR	0.32	9.2	A	TR	0.25	9.6	A	TR	0.27	9.2	A	TR	0.29	12.3	B	TR	0.32	12.0	B
	Intersection		19.2	B	Intersection		19.6	B	Intersection		16.5	B	Intersection		16.8	B	Intersection		16.1	B	Intersection		16.0	B
Elm Place/Bainbridge Avenue/East Kingsbridge Road and East Fordham Road																								
Eastbound	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	---	---	---	LTR	0.81	22.9	C
Eastbound	LT	0.91	32.7	C	LT	0.91	32.7	C	LT	0.74	21.7	C	LT	0.74	21.7	C	LT	0.78	21.0	C	LT	---	---	---
Eastbound	R	0.02	7.9	A	R	0.02	7.9	A	R	0.07	11.2	B	R	0.07	11.2	B	R	0.07	8.5	A	R	---	---	---
Westbound	T	0.75	25.2	C	T	0.75	25.2	C	T	0.72	28.3	C	T	0.72	28.3	C	T	0.69	23.2	C	T	0.69	23.2	C
Westbound	R	1.32	189.8	F	R	1.42	232.7	F+	R	1.72	380.9	F	R	1.92	467.9	F+	R	1.57	306.4	F	R	1.67	351.3	F+
Southbound	L	1.58	333.5	F	L	1.71	389.3	F+	L	1.09	150.2	F	L	1.18	182.3	F+	L	0.69	72.9	E	L	0.77	79.5	E+
Southbound	LT	0.72	46.4	D	LT	0.75	51.3	D	LT	0.42	44.5	D	LT	0.47	45.6	D	LT	0.70	73.2	E	LT	0.78	81.1	F+
	Intersection		74.4	E	Intersection		88.3	F	Intersection		77.5	E	Intersection		95.5	F	Intersection		65.0	E	Intersection		74.1	E
East Kingsbridge Road/East 194th Street and Valentine Avenue																								
Eastbound	T	0.21	36.3	D	T	0.21	36.2	D	T	0.18	29.5	C	T	0.18	29.5	C	T	0.29	37.9	D	T	0.29	37.7	D
Eastbound	R	0.74	53.0	D	R	0.80	58.0	E+	R	0.63	41.0	D	R	0.71	45.3	D	R	0.69	51.0	D	R	0.78	57.0	E+
Eastbound	R	0.32	39.3	D	R	0.32	39.4	D	R	0.47	35.5	D	R	0.48	35.6	D	R	0.39	39.7	D	R	0.39	39.6	D
Northbound	L	1.85	418.1	F	L	2.02	489.3	F+	L	1.18	137.4	F	L	1.33	194.4	F+	L	1.42	234.4	F	L	1.54	284.6	F+
Northbound	R	0.11	4.9	A	R	0.11	7.4	A	R	0.19	4.5	A	R	0.19	6.4	A	R	0.17	6.6	A	R	0.17	6.2	A
Southbound	L	0.20	31.8	C	L	0.20	31.8	C	L	0.16	21.2	C	L	0.16	21.2	C	L	0.17	31.2	C	L	0.17	31.2	C
Southbound	TR	0.67	54.3	D	TR	0.67	54.3	D	TR	0.68	47.1	D	TR	0.68	47.1	D	TR	0.71	56.6	E	TR	0.71	56.6	E
	Intersection		197.6	F	Intersection		232.9	F	Intersection		69.7	E	Intersection		92.0	F	Intersection		101.8	F	Intersection		119.9	F
Heath Avenue and West Kingsbridge Road																								
Eastbound	TR	0.45	10.7	B	TR	0.48	11.1	B	TR	0.32	8.7	A	TR	0.34	8.9	A	TR	0.45	12.6	B	TR	0.46	12.9	B
Westbound	LT	0.53	2.0	A	LT	0.55	2.0	A	LT	0.41	17.1	B	LT	0.43	17.5	B	LT	0.46	37.3	D	LT	0.49	37.4	D
Northbound	LTR	0.16	30.9	C	LTR	0.16	30.9	C	LTR	0.12	24.4	C	LTR	0.12	24.4	C	LTR	0.13	30.2	C	LTR	0.13	30.2	C
Southbound	LTR	0.67	45.8	D	LTR	0.67	45.8	D	LTR	0.52	32.3	C	LTR	0.52	32.3	C	LTR	0.47	37.4	D	LTR	0.47	37.4	D
	Intersection		12.5	B	Intersection		12.5	B	Intersection		16.1	B	Intersection		16.2	B	Intersection		26.2	C	Intersection		26.5	C
Kingsbridge Terrace and West Kingsbridge Road																								
Eastbound	LTR	0.79	35.8	D	LTR	0.83	39.4	D	LTR	0.50	22.0	C	LTR	0.53	22.7	C	LTR	0.59	10.9	B	LTR	0.62	11.3	B
Westbound	LTR	0.57	11.8	B	LTR	0.59	12.3	B	LTR	0.42	7.7	A	LTR	0.44	7.6	A	LTR	0.53	8.1	A	LTR	0.56	8.1	A
Northbound	LTR	0.22	31.6	C	LTR	0.22	31.6	C	LTR	0.14	24.6	C	LTR	0.14	24.6	C	LTR	0.23	31.7	C	LTR	0.23	31.7	C
	Intersection		24.4	C	Intersection		26.4	C	Intersection		15.4	B	Intersection		15.7	B	Intersection		10.6	B	Intersection		10.8	B
Goulden Avenue and Bedford Park Boulevard																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Southbound																								
Goulden Avenue and West 197th Street																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Northbound																								
Southbound																								
Marion Avenue and Bedford Park Boulevard																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Southbound																								

Intersection	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 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
Valentine Avenue/East Kingsbridge Road and East 192nd Street (East)																								
Eastbound	LT	0.21	10.2	B	LT	0.21	10.2	B	LT	0.29	12.2	B	LT	0.29	12.2	B	LT	0.24	10.8	B	LT	0.24	10.7	B
Northbound	LT	0.26	19.4	B	LT	0.52	23.1	C	LT	0.25	19.2	B	LT	0.27	19.4	B	LT	0.24	19.1	B	LT	0.58	24.1	C
Southbound	TR	0.26	8.9	A	TR	0.30	8.2	A	TR	0.24	34.2	C	TR	0.26	34.4	C	TR	0.20	11.8	B	TR	0.23	11.0	B
	Intersection		12.6	B	Intersection		15.6	B	Intersection		23.1	C	Intersection		23.5	C	Intersection		14.1	B	Intersection		18.1	B
Elm Place/Bainbridge Avenue/East Kingsbridge Road and East Fordham Road																								
Eastbound	LTR	0.81	22.9	C	LTR	0.81	22.9	C	LTR	0.74	19.4	B	LTR	0.74	19.4	B	LTR	0.73	18.8	B	LTR	0.73	18.8	B
Eastbound	LT	---	---	---	LT	---	---	---	LT	---	---	---	LT	---	---	---	LT	---	---	---	LT	---	---	---
Eastbound	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---	R	---	---	---
Westbound	T	0.67	22.7	C	T	0.67	22.7	C	T	0.67	22.6	C	T	0.67	22.6	C	T	0.62	21.3	C	T	0.62	21.3	C
Westbound	R	1.37	214.7	F	R	2.35	646.9	F+	R	1.57	305.2	F	R	1.66	341.5	F+	R	1.28	179.0	F	R	2.48	703.9	F+
Southbound	L	1.96	521.9	F	L	2.26	652.0	F+	L	2.59	806.2	F	L	2.75	876.3	F+	L	1.46	303.9	F	L	1.68	392.4	F+
Southbound	LT	0.62	53.9	D	LT	0.71	59.3	E+	LT	0.62	54.4	D	LT	0.66	56.4	E	LT	0.54	50.3	D	LT	0.61	53.3	D
	Intersection		96.7	F	Intersection		380.4	F	Intersection		127.7	F	Intersection		146.3	F	Intersection		75.4	E	Intersection		504.6	F
East Kingsbridge Road/East 194th Street and Valentine Avenue																								
Eastbound	T	0.32	31.6	C	T	0.32	31.6	C	T	0.27	30.7	C	T	0.27	30.7	C	T	0.30	31.2	C	T	0.30	31.2	C
Eastbound	R	0.76	48.5	D	R	0.91	67.0	E+	R	0.72	45.6	D	R	0.79	50.8	D	R	0.56	38.1	D	R	0.68	43.5	D
Eastbound	R	0.36	32.8	C	R	0.36	32.8	C	R	0.40	33.3	C	R	0.40	33.3	C	R	0.25	30.6	C	R	0.25	30.6	C
Northbound	L	1.36	205.5	F	L	2.60	743.2	F+	L	1.54	284.7	F	L	1.64	327.3	F+	L	1.24	157.2	F	L	3.00	920.5	F+
Northbound	R	0.12	6.9	A	R	0.12	20.0	C	R	0.17	8.6	A	R	0.17	10.7	B	R	0.20	7.1	A	R	0.20	20.3	C
Southbound	L	0.12	20.7	C	L	0.12	20.7	C	L	0.18	21.5	C	L	0.18	21.5	C	L	0.17	21.3	C	L	0.17	21.3	C
Southbound	TR	0.61	43.4	D	TR	0.61	43.4	D	TR	0.66	45.4	D	TR	0.66	45.4	D	TR	0.63	43.9	D	TR	0.63	43.9	D
	Intersection		380.4	F	Intersection		380.4	F	Intersection		127.7	F	Intersection		146.3	F	Intersection		75.4	E	Intersection		504.6	F
Heath Avenue and West Kingsbridge Road																								
Eastbound	TR	0.44	8.6	A	TR	0.54	9.6	A	TR	0.40	7.8	A	TR	0.41	7.8	A	TR	0.36	8.8	A	TR	0.48	9.9	A
Westbound	LT	0.38	16.1	B	LT	0.40	16.8	B	LT	0.41	16.8	B	LT	0.42	17.3	B	LT	0.35	15.8	B	LT	0.37	16.7	B
Northbound	LTR	0.11	24.3	C	LTR	0.11	24.3	C	LTR	0.09	24.1	C	LTR	0.09	24.1	C	LTR	0.09	24.0	C	LTR	0.09	24.0	C
Southbound	LTR	0.47	30.9	C	LTR	0.47	30.9	C	LTR	0.64	37.3	D	LTR	0.64	37.3	D	LTR	0.53	32.7	C	LTR	0.53	32.7	C
	Intersection		14.5	B	Intersection		14.7	B	Intersection		16.4	B	Intersection		16.4	B	Intersection		15.4	B	Intersection		15.4	B
Kingsbridge Terrace and West Kingsbridge Road																								
Eastbound	LTR	0.52	20.4	C	LTR	0.61	22.4	C	LTR	0.55	22.8	C	LTR	0.57	23.1	C	LTR	0.54	22.8	C	LTR	0.68	25.6	C
Westbound	LTR	0.47	8.9	A	LTR	0.51	8.4	A	LTR	0.48	9.1	A	LTR	0.49	8.8	A	LTR	0.38	8.8	A	LTR	0.41	7.6	A
Northbound	LTR	0.20	25.6	C	LTR	0.20	25.6	C	LTR	0.20	25.5	C	LTR	0.20	25.5	C	LTR	0.19	25.3	C	LTR	0.19	25.3	C
	Intersection		15.2	B	Intersection		16.3	B	Intersection		16.4	B	Intersection		16.5	B	Intersection		17.0	B	Intersection		18.8	B
Goulden Avenue and Bedford Park Boulevard																								
Eastbound	LTR	0.17	21.5	C	LTR	0.17	21.5	C	Not Analyzed				Not Analyzed				LTR	0.02	16.4	B	LTR	0.02	16.4	B
Westbound	LTR	0.69	35.7	D	LTR	0.69	35.7	D									LTR	0.35	20.9	C	LTR	0.35	20.9	C
Northbound	TR	0.59	30.9	C	TR	0.63	32.4	C									TR	0.39	21.8	C	TR	0.42	23.4	C
Southbound	LT	0.38	25.7	C	LT	0.62	32.3	C									LT	0.20	17.8	B	LT	0.47	22.0	C
	Intersection		30.5	C	Intersection		32.4	C									Intersection		20.5	C	Intersection		22.1	C
Goulden Avenue and West 197th Street																								
Eastbound	LT	0.40	24.7	C	LT	0.40	24.7	C	Not Analyzed				Not Analyzed				LT	0.31	28.2	C	LT	0.31	28.2	C
Northbound	LT	0.16	5.5	A	LT	0.19	6.0	A									LT	0.11	6.5	A	LT	0.14	6.6	A
Southbound	TR	0.71	32.7	C	TR	1.14	114.2	F+									TR	0.34	27.3	C	TR	0.74	27.0	C
	Intersection		24.5	C	Intersection		73.7	E									Intersection		22.2	C	Intersection		22.9	C
Marion Avenue and Bedford Park Boulevard																								
Eastbound	TR	0.41	24.4	C	TR	0.41	24.4	C	Not Analyzed				Not Analyzed				TR	0.38	20.1	C	TR	0.38	20.1	C
Westbound	LT	0.55	27.8	C	LT	1.18	56.9	E+									LT	0.43	21.1	C	LT	1.48	54.3	D
Southbound	LTR	0.56	30.2	C	LTR	0.68	34.8	C									LTR	0.53	23.9	C	LTR	0.71	30.1	C
	Intersection		27.1	C	Intersection		41.7	D									Intersection		21.4	C	Intersection		38.5	D

Table D-3

2032 No Action and With Action Conditions Traffic Level of Service Analysis

	Weekday AM								Weekday Midday								Weekday PM							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 With Action			
Intersection	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
Cedar Avenue and West Fordham Road																								
Eastbound	Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed				Not Analyzed			
Westbound																								
Northbound																								
Southbound																								
Unsignalized Intersections																								
Reservoir Avenue/Grand Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.38	11.2	B	LTR	0.76	38.1	E+	LTR	0.15	4.6	A	LTR	0.30	8.3	A	LTR	0.27	7.2	A	LTR	0.49	14.5	B
Westbound	LTR	0.03	1.0	A	LTR	0.03	1.0	A	LTR	0.06	2.2	A	LTR	0.06	2.2	A	LTR	0.08	3.0	A	LTR	0.08	2.9	A
Marion Avenue and East 198th Street																								
Eastbound	TR	---	9.2	A	TR	---	9.7	A	TR	---	8.5	A	TR	---	8.9	A	TR	---	9.0	A	TR	---	9.5	A
Westbound	LT	---	8.9	A	LT	---	9.1	A	LT	---	8.7	A	LT	---	8.9	A	LT	---	9.9	A	LT	---	10.1	B
Southbound	LTR	---	11.2	B	LTR	---	11.9	B	LTR	---	9.7	A	LTR	---	10.1	B	LTR	---	13.3	B	LTR	---	14.6	B
Briggs Avenue and East 198th Street																								
Eastbound	LT	---	8.8	A	LT	---	9.1	A	LT	---	8.1	A	LT	---	8.4	A	LT	---	8.1	A	LT	---	8.4	A
Westbound	TR	---	9.2	A	TR	---	9.5	A	TR	---	8.7	A	TR	---	9.0	A	TR	---	8.7	A	TR	---	9.0	A
Northbound	LTR	---	9.0	A	LTR	---	9.2	A	LTR	---	8.2	A	LTR	---	8.3	A	LTR	---	8.5	A	LTR	---	8.7	A
Bainbridge Avenue and East 198th Street																								
Eastbound	LT	---	9.7	A	LT	---	10.2	B	LT	---	8.7	A	LT	---	9.1	A	LT	---	8.4	A	LT	---	8.8	A
Westbound	TR	---	9.5	A	TR	---	9.9	A	TR	---	8.7	A	TR	---	9.1	A	TR	---	8.8	A	TR	---	9.1	A
Northbound	LTR	---	11.1	B	LTR	---	11.4	B	LTR	---	9.8	A	LTR	---	10.1	B	LTR	---	8.9	A	LTR	---	9.2	A
Creston Avenue and East 198th Street																								
Westbound	LT	0.01	1.8	A	LT	0.02	1.5	A	LT	0.02	2.1	A	LT	0.02	1.8	A	LT	0.02	2.2	A	LT	0.02	1.9	A
Southbound	LTR	0.09	11.0	B	LTR	0.09	11.6	B	LTR	0.08	10.8	B	LTR	0.09	11.4	B	LTR	0.12	12.0	B	LTR	0.13	13.0	B

	Weekday Evening								Saturday Midday/Afternoon								Saturday Evening							
	2032 No Action				2032 With Action				2032 No Action				2032 With Action				2032 No Action				2032 With Action			
Intersection	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
Cedar Avenue and West Fordham Road																								
Eastbound	TR	0.57	7.6	A	TR	0.76	5.2	A	Not Analyzed				Not Analyzed				TR	0.52	12.2	B	TR	0.78	28.0	C
Westbound	LT	0.73	17.3	B	LT	0.79	18.7	B									LT	0.64	22.2	C	LT	0.68	22.6	C
Northbound	LTR	0.51	47.2	D	LTR	0.51	47.2	D									LTR	0.49	46.3	D	LTR	0.49	46.3	D
Southbound	LTR	0.67	52.4	D	LTR	0.67	52.4	D									LTR	0.44	43.2	D	LTR	0.44	43.2	D
	Intersection		16.6	B	Intersection		14.7	B									Intersection		19.8	B	Intersection		27.3	C
Unsignalized Intersections																								
Reservoir Avenue/Grand Avenue and West Kingsbridge Road																								
Eastbound	LTR	0.14	4.2	A	LTR	1.17	116.4	F+	LTR	0.17	4.9	A	LTR	0.39	11.0	B	LTR	0.13	4.1	A	LTR	1.38	197.5	F+
Westbound	LTR	0.07	2.4	A	LTR	0.05	1.8	A	LTR	0.24	3.4	A	LTR	0.09	3.3	A	LTR	0.05	2.3	A	LTR	0.06	2.2	A
Marion Avenue and East 198th Street																								
Eastbound	TR	---	8.2	A	TR	---	9.7	A	TR	---	8.3	A	TR	---	8.8	A	TR	---	8.3	A	TR	---	10.3	B
Westbound	LT	---	9.0	A	LT	---	10.1	B	LT	---	8.9	A	LT	---	9.1	A	LT	---	8.8	A	LT	---	10.4	B
Southbound	LTR	---	9.8	A	LTR	---	15.6	C	LTR	---	9.9	A	LTR	---	10.6	B	LTR	---	10.1	B	LTR	---	29.0	D
Briggs Avenue and East 198th Street																								
Eastbound	LT	---	8.4	A	LT	---	9.2	A	LT	---	8.5	A	LT	---	8.8	A	LT	---	8.3	A	LT	---	9.5	A
Westbound	TR	---	8.2	A	TR	---	12.5	B	TR	---	8.6	A	TR	---	9.0	A	TR	---	8.9	A	TR	---	21.2	C
Northbound	LTR	---	8.4	A	LTR	---	9.6	A	LTR	---	8.7	A	LTR	---	8.9	A	LTR	---	8.7	A	LTR	---	10.4	B
Bainbridge Avenue and East 198th Street																								
Eastbound	LT	---	8.4	A	LT	---	9.5	A	LT	---	8.7	A	LT	---	9.1	A	LT	---	8.6	A	LT	---	10.1	B
Westbound	TR	---	8.4	A	TR	---	13.8	B	TR	---	8.6	A	TR	---	9.1	A	TR	---	8.9	A	TR	---	24.7	C
Northbound	LTR	---	8.9	A	LTR	---	10.5	B	LTR	---	9.6	A	LTR	---	10.0	A	LTR	---	9.9	A	LTR	---	13.0	B
Creston Avenue and East 198th Street																								
Westbound	LT	0.03	2.8	A	LT	0.03	1.0	A	LT	0.03	2.9	A	LT	0.04	2.4	A	LT	0.04	3.2	A	LT	0.04	1.2	A
Southbound	LTR	0.14	11.6	B	LTR	0.20	15.6	C	LTR	0.12	11.4	B	LTR	0.13	12.2	B	LTR	0.06	11.2	B	LTR	0.11	16.5	C

Notes:

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

Further analysis refinements may be made between Draft and Final EIS.

Transit

Transit Tables

Table D-4a
Existing Conditions
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (No. 4 Train)

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	Stair from Street Level to R290 free zone (South)	5.00	4.00	360	117	113	37	90%	90%	80%	0.32	A
S3	Stair from Street Level to R290 free zone (North)	5.00	4.00	229	224	72	70	90%	90%	80%	0.31	A
P1/P3	Platform Stair	5.00	4.00	643	51	201	16	90%	80%	75%	0.50	B
P2/P4	Platform Stair	5.00	4.00	22	275	7	86	90%	80%	75%	0.23	A
P5/P7	Platform Stair	5.00	4.00	424	111	133	35	90%	80%	75%	0.39	A
P6/P8	Platform Stair	5.00	4.00	52	350	16	109	90%	80%	75%	0.31	A
Weekday PM Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	209	242	65	76	90%	90%	80%	0.31	A
S3	Stair from Street Level to R290 free zone (North)	5.00	4.00	99	108	31	34	90%	90%	80%	0.14	A
P1/P3	Platform Stair	5.00	4.00	302	18	94	6	90%	80%	75%	0.23	A
P2/P4	Platform Stair	5.00	4.00	18	365	6	114	100%	80%	75%	0.27	A
P5/P7	Platform Stair	5.00	4.00	176	47	55	15	90%	80%	75%	0.16	A
P6/P8	Platform Stair	5.00	4.00	35	470	11	147	90%	80%	75%	0.39	A
Weekday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	111	168	35	53	90%	90%	80%	0.19	A
S3	Stair from Street Level to R290 free zone (North)	5.00	4.00	54	66	17	21	90%	90%	80%	0.08	A
P1/P3	Platform Stair	5.00	4.00	132	9	41	3	90%	80%	75%	0.10	A
P2/P4	Platform Stair	5.00	4.00	12	200	4	63	90%	80%	75%	0.16	A
P5/P7	Platform Stair	5.00	4.00	110	38	34	12	90%	80%	75%	0.11	A
P6/P8	Platform Stair	5.00	4.00	21	310	7	97	90%	80%	75%	0.26	A
Saturday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	91	97	28	30	90%	90%	80%	0.13	A
S3	Stair from Street Level to R290 free zone (North)	5.00	4.00	14	41	4	13	90%	90%	80%	0.04	A
P1/P3	Platform Stair	5.00	4.00	92	10	29	3	90%	80%	75%	0.07	A
P2/P4	Platform Stair	5.00	4.00	10	143	3	45	90%	80%	75%	0.12	A
P5/P7	Platform Stair	5.00	4.00	69	19	22	6	90%	80%	75%	0.07	A
P6/P8	Platform Stair	5.00	4.00	22	228	7	71	90%	80%	75%	0.19	A

Table D-4b
Existing Conditions
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (B/D Trains)

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												
S7	Stair from Street Level to Fare Control	6.08	5.08	108	78	34	24	90%	90%	90%	0.09	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	108	78	34	24	90%	90%	80%	0.06	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	108	78	34	24	90%	90%	80%	0.04	A
M6/M7	Stair for Downtown Platform	6.08	5.08	143	12	45	4	90%	80%	75%	0.09	A
M8/M9	Stair for Uptown Platform	5.67	4.67	1	60	0	19	100%	80%	75%	0.04	A
M10/M11	Stair for Downtown Platform	6.17	5.17	254	7	79	2	100%	80%	75%	0.13	A
M12/M13	Stair for Uptown Platform	5.75	4.75	13	42	4	13	90%	80%	75%	0.03	A
M14/M15	Stair for Downtown Platform	5.88	4.88	12	27	4	8	90%	80%	75%	0.02	A
M16/M17	Stair for Uptown Platform	5.83	4.83	5	60	2	19	90%	80%	75%	0.04	A
Weekday PM Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	71	99	22	31	90%	90%	90%	0.09	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	71	99	22	31	90%	90%	80%	0.06	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	71	99	22	31	90%	90%	80%	0.04	A
M6/M7	Stair for Downtown Platform	6.08	5.08	49	12	15	4	90%	80%	75%	0.04	A
M8/M9	Stair for Uptown Platform	5.67	4.67	3	108	1	34	100%	80%	75%	0.07	A
M10/M11	Stair for Downtown Platform	6.17	5.17	109	10	34	3	90%	80%	75%	0.07	A
M12/M13	Stair for Uptown Platform	5.75	4.75	15	97	5	30	90%	80%	75%	0.07	A
M14/M15	Stair for Downtown Platform	5.88	4.88	8	12	3	4	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	9	138	3	43	90%	80%	75%	0.09	A
Weekday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	30	63	9	20	90%	90%	90%	0.05	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	30	63	9	20	90%	90%	80%	0.03	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	30	63	9	20	90%	90%	80%	0.02	A
M6/M7	Stair for Downtown Platform	6.08	5.08	35	10	11	3	90%	80%	75%	0.03	A
M8/M9	Stair for Uptown Platform	5.67	4.67	5	65	2	20	90%	80%	75%	0.05	A
M10/M11	Stair for Downtown Platform	6.17	5.17	58	11	18	3	90%	80%	75%	0.04	A
M12/M13	Stair for Uptown Platform	5.75	4.75	9	63	3	20	90%	80%	75%	0.05	A
M14/M15	Stair for Downtown Platform	5.88	4.88	4	9	1	3	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	3	91	1	28	100%	80%	75%	0.05	A
Saturday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	100	92	31	29	90%	90%	90%	0.10	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	100	92	31	29	90%	90%	80%	0.06	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	100	92	31	29	90%	90%	80%	0.04	A
M6/M7	Stair for Downtown Platform	6.08	5.08	75	4	23	1	100%	80%	75%	0.04	A
M8/M9	Stair for Uptown Platform	5.67	4.67	4	55	1	17	90%	80%	75%	0.04	A
M10/M11	Stair for Downtown Platform	6.17	5.17	110	5	34	2	90%	80%	75%	0.06	A
M12/M13	Stair for Uptown Platform	5.75	4.75	9	36	3	11	90%	80%	75%	0.03	A
M14/M15	Stair for Downtown Platform	5.88	4.88	6	13	2	4	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	1	178	0	56	100%	80%	75%	0.10	A

Table D-5a
Existing Conditions
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (No. 4 Train)

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											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	1,143	791	357	247	0.90	0.90	0.28	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	505	853	158	267	0.90	0.90	0.19	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	256	534	80	167	0.90	0.90	0.11	A
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	174	389	54	122	0.90	0.90	0.08	A

Table D-5b
Existing Conditions
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (B/D Trains)

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		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											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	429	207	134	65	0.90	0.90	0.10	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	203	388	63	121	0.90	0.90	0.08	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	104	255	33	80	0.90	0.90	0.05	A
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	204	313	64	98	0.90	0.90	0.07	A

Table D-6a
2032 No Action Condition
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (No. 4 Train)

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	Stair from Street Level to R290 free zone (South)	5.00	4.00	365	119	114	37	90%	90%	80%	0.32	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	232	227	73	71	90%	90%	80%	0.31	A
P1/P3	Platform Stair	5.00	4.00	653	52	204	16	90%	80%	75%	0.51	B
P2/P4	Platform Stair	5.00	4.00	22	279	7	87	90%	80%	75%	0.23	A
P5/P7	Platform Stair	5.00	4.00	430	113	134	35	90%	80%	75%	0.40	A
P6/P8	Platform Stair	5.00	4.00	53	355	17	111	90%	80%	75%	0.31	A
Weekday PM Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	212	246	66	77	90%	90%	80%	0.31	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	100	110	31	34	90%	90%	80%	0.14	A
P1/P3	Platform Stair	5.00	4.00	307	18	96	6	90%	80%	75%	0.24	A
P2/P4	Platform Stair	5.00	4.00	18	371	6	116	100%	80%	75%	0.27	A
P5/P7	Platform Stair	5.00	4.00	179	48	56	15	90%	80%	75%	0.17	A
P6/P8	Platform Stair	5.00	4.00	36	477	11	149	90%	80%	75%	0.39	A
Weekday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	113	171	35	53	90%	90%	80%	0.19	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	55	67	17	21	90%	90%	80%	0.08	A
P1/P3	Platform Stair	5.00	4.00	134	9	42	3	90%	80%	75%	0.10	A
P2/P4	Platform Stair	5.00	4.00	12	203	4	63	90%	80%	75%	0.16	A
P5/P7	Platform Stair	5.00	4.00	112	39	35	12	90%	80%	75%	0.11	A
P6/P8	Platform Stair	5.00	4.00	21	315	7	98	90%	80%	75%	0.26	A
Saturday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	92	98	29	31	90%	90%	80%	0.13	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	14	42	4	13	90%	90%	80%	0.04	A
P1/P3	Platform Stair	5.00	4.00	93	10	29	3	90%	80%	75%	0.07	A
P2/P4	Platform Stair	5.00	4.00	10	145	3	45	90%	80%	75%	0.12	A
P5/P7	Platform Stair	5.00	4.00	70	19	22	6	90%	80%	75%	0.07	A
P6/P8	Platform Stair	5.00	4.00	22	231	7	72	90%	80%	75%	0.19	A

Table D-6b
2032 No Action Condition
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (B/D Trains)

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												
S7	Stair from Street Level to Fare Control	6.08	5.08	122	102	38	32	90%	90%	90%	0.11	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	122	102	38	32	90%	90%	80%	0.07	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	122	102	38	32	90%	90%	80%	0.05	A
M6/M7	Stair for Downtown Platform	6.08	5.08	148	12	46	4	90%	80%	75%	0.09	A
M8/M9	Stair for Uptown Platform	5.67	4.67	1	69	0	22	100%	80%	75%	0.04	A
M10/M11	Stair for Downtown Platform	6.17	5.17	262	7	82	2	100%	80%	75%	0.14	A
M12/M13	Stair for Uptown Platform	5.75	4.75	14	49	4	15	90%	80%	75%	0.04	A
M14/M15	Stair for Downtown Platform	5.88	4.88	16	28	5	9	90%	80%	75%	0.03	A
M16/M17	Stair for Uptown Platform	5.83	4.83	5	69	2	22	90%	80%	75%	0.05	A
Weekday PM Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	77	156	24	49	90%	90%	90%	0.12	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	77	156	24	49	90%	90%	80%	0.08	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	77	156	24	49	90%	90%	80%	0.05	A
M6/M7	Stair for Downtown Platform	6.08	5.08	52	13	16	4	90%	80%	75%	0.04	A
M8/M9	Stair for Uptown Platform	5.67	4.67	4	127	1	40	100%	80%	75%	0.08	A
M10/M11	Stair for Downtown Platform	6.17	5.17	112	11	35	3	90%	80%	75%	0.07	A
M12/M13	Stair for Uptown Platform	5.75	4.75	15	113	5	35	90%	80%	75%	0.08	A
M14/M15	Stair for Downtown Platform	5.88	4.88	9	13	3	4	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	9	161	3	50	90%	80%	75%	0.11	A
Weekday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	35	111	11	35	90%	90%	90%	0.07	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	35	111	11	35	90%	90%	80%	0.05	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	35	111	11	35	90%	90%	80%	0.03	A
M6/M7	Stair for Downtown Platform	6.08	5.08	37	11	12	3	90%	80%	75%	0.03	A
M8/M9	Stair for Uptown Platform	5.67	4.67	5	79	2	25	90%	80%	75%	0.06	A
M10/M11	Stair for Downtown Platform	6.17	5.17	61	12	19	4	90%	80%	75%	0.04	A
M12/M13	Stair for Uptown Platform	5.75	4.75	9	77	3	24	90%	80%	75%	0.06	A
M14/M15	Stair for Downtown Platform	5.88	4.88	6	10	2	3	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	3	110	1	34	100%	80%	75%	0.06	A
Saturday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	107	129	33	40	90%	90%	90%	0.12	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	107	129	33	40	90%	90%	80%	0.08	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	107	129	33	40	90%	90%	80%	0.05	A
M6/M7	Stair for Downtown Platform	6.08	5.08	77	4	24	1	100%	80%	75%	0.04	A
M8/M9	Stair for Uptown Platform	5.67	4.67	4	63	1	20	100%	80%	75%	0.04	A
M10/M11	Stair for Downtown Platform	6.17	5.17	114	6	36	2	100%	80%	75%	0.06	A
M12/M13	Stair for Uptown Platform	5.75	4.75	9	42	3	13	90%	80%	75%	0.03	A
M14/M15	Stair for Downtown Platform	5.88	4.88	8	14	3	4	90%	80%	75%	0.01	A
M16/M17	Stair for Uptown Platform	5.83	4.83	1	203	0	63	100%	80%	75%	0.12	A

Table D-7a
2032 No Action Condition
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (No. 4 Train)

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											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	1,160	803	363	251	0.90	0.90	0.29	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	513	866	160	271	0.90	0.90	0.19	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	260	542	81	169	0.90	0.90	0.11	A
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	177	395	55	123	0.90	0.90	0.08	A

Table D-7b
2032 No Action Condition
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (B/D Trains)

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		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											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	447	233	140	73	0.90	0.90	0.10	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	211	450	66	141	0.90	0.90	0.09	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	111	306	35	96	0.90	0.90	0.06	A
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	212	354	66	111	0.90	0.90	0.08	A

Table D-8a
2032 With Action Condition
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (No. 4 Train)

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	Stair from Street Level to R290 free zone (South)	5.00	4.00	383	169	120	53	90%	90%	80%	0.37	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	357	293	112	92	90%	90%	80%	0.44	A
P1/P3	Platform Stair	5.00	4.00	724	62	226	19	90%	80%	75%	0.57	B
P2/P4	Platform Stair	5.00	4.00	29	316	9	99	90%	80%	75%	0.27	A
P5/P7	Platform Stair	5.00	4.00	477	136	149	43	90%	80%	75%	0.45	B
P6/P8	Platform Stair	5.00	4.00	71	401	22	125	90%	80%	75%	0.36	A
Weekday PM Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	267	273	83	85	90%	90%	80%	0.37	A
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	182	213	57	67	90%	90%	80%	0.27	A
P1/P3	Platform Stair	5.00	4.00	371	26	116	8	90%	80%	75%	0.29	A
P2/P4	Platform Stair	5.00	4.00	30	415	9	130	90%	80%	75%	0.34	A
P5/P7	Platform Stair	5.00	4.00	217	70	68	22	90%	80%	75%	0.21	A
P6/P8	Platform Stair	5.00	4.00	59	533	18	167	90%	80%	75%	0.45	B
Weekday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	136	1331	43	416	90%	90%	80%	1.05	D
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	106	2722	33	851	100%	90%	80%	1.83	F
P1/P3	Platform Stair	5.00	4.00	165	949	52	297	90%	80%	75%	0.85	C
P2/P4	Platform Stair	5.00	4.00	18	1171	6	366	100%	80%	75%	0.83	C
P5/P7	Platform Stair	5.00	4.00	138	979	43	306	90%	80%	75%	0.86	C
P6/P8	Platform Stair	5.00	4.00	32	1282	10	401	100%	80%	75%	0.91	C
Saturday Evening Peak Hour												
S1/M1	Stair from Street Level to R290 free zone (South)	5.00	4.00	102	991	32	310	90%	90%	80%	0.78	C
S3/M3	Stair from Street Level to R290 free zone (North)	5.00	4.00	63	2095	20	655	100%	90%	80%	1.40	E
P1/P3	Platform Stair	5.00	4.00	120	736	38	230	90%	80%	75%	0.66	B
P2/P4	Platform Stair	5.00	4.00	13	892	4	279	100%	80%	75%	0.63	B
P5/P7	Platform Stair	5.00	4.00	91	745	28	233	90%	80%	75%	0.64	B
P6/P8	Platform Stair	5.00	4.00	30	978	9	306	100%	80%	75%	0.70	B

Table D-8b
2032 With Action Condition
Level of Service Summary—Subway Station Stair Analysis
Kingsbridge Road Station (B/D Trains)

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												
S7	Stair from Street Level to Fare Control	6.08	5.08	199	164	62	51	90%	90%	90%	0.18	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	199	164	62	51	90%	90%	80%	0.12	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	199	164	62	51	90%	90%	80%	0.08	A
M6/M7	Stair for Downtown Platform	6.08	5.08	170	16	53	5	90%	80%	75%	0.11	A
M8/M9	Stair for Uptown Platform	5.67	4.67	2	86	1	27	100%	80%	75%	0.05	A
M10/M11	Stair for Downtown Platform	6.17	5.17	302	9	94	3	100%	80%	75%	0.16	A
M12/M13	Stair for Uptown Platform	5.75	4.75	23	61	7	19	90%	80%	75%	0.05	A
M14/M15	Stair for Downtown Platform	5.88	4.88	18	38	6	12	90%	80%	75%	0.04	A
M16/M17	Stair for Uptown Platform	5.83	4.83	8	86	3	27	90%	80%	75%	0.06	A
Weekday PM Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	151	226	47	71	90%	90%	90%	0.19	A
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	151	226	47	71	90%	90%	80%	0.12	A
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	151	226	47	71	90%	90%	80%	0.08	A
M6/M7	Stair for Downtown Platform	6.08	5.08	68	19	21	6	90%	80%	75%	0.05	A
M8/M9	Stair for Uptown Platform	5.67	4.67	6	144	2	45	100%	80%	75%	0.09	A
M10/M11	Stair for Downtown Platform	6.17	5.17	148	16	46	5	90%	80%	75%	0.09	A
M12/M13	Stair for Uptown Platform	5.75	4.75	26	128	8	40	90%	80%	75%	0.10	A
M14/M15	Stair for Downtown Platform	5.88	4.88	12	19	4	6	90%	80%	75%	0.02	A
M16/M17	Stair for Uptown Platform	5.83	4.83	15	182	5	57	90%	80%	75%	0.13	A
Weekday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	75	2165	23	677	100%	90%	90%	1.02	D
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	75	2165	23	677	100%	90%	80%	0.69	B
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	75	2165	23	677	100%	90%	80%	0.46	B
M6/M7	Stair for Downtown Platform	6.08	5.08	48	348	15	109	90%	80%	75%	0.24	A
M8/M9	Stair for Uptown Platform	5.67	4.67	8	388	3	121	100%	80%	75%	0.24	A
M10/M11	Stair for Downtown Platform	6.17	5.17	79	383	25	120	90%	80%	75%	0.27	A
M12/M13	Stair for Uptown Platform	5.75	4.75	14	377	4	118	100%	80%	75%	0.23	A
M14/M15	Stair for Downtown Platform	5.88	4.88	7	314	2	98	100%	80%	75%	0.18	A
M16/M17	Stair for Uptown Platform	5.83	4.83	5	543	2	170	100%	80%	75%	0.32	A
Saturday Evening Peak Hour												
S7	Stair from Street Level to Fare Control	6.08	5.08	138	1716	43	536	90%	90%	90%	0.94	C
M2A/B	Stair from Street Level to Fare Control	9.67	8.42	138	1716	43	536	90%	90%	80%	0.63	B
M2A/B	Stair from Street Level to Fare Control	13.92	12.67	138	1716	43	536	90%	90%	80%	0.42	A
M6/M7	Stair for Downtown Platform	6.08	5.08	87	146	27	46	90%	80%	75%	0.14	A
M8/M9	Stair for Uptown Platform	5.67	4.67	6	228	2	71	100%	80%	75%	0.14	A
M10/M11	Stair for Downtown Platform	6.17	5.17	128	184	40	58	90%	80%	75%	0.18	A
M12/M13	Stair for Uptown Platform	5.75	4.75	13	150	4	47	90%	80%	75%	0.11	A
M14/M15	Stair for Downtown Platform	5.88	4.88	9	475	3	148	100%	80%	75%	0.27	A
M16/M17	Stair for Uptown Platform	5.83	4.83	1	736	0	230	100%	80%	75%	0.42	A

Table D-9a
2032 With Action Condition
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (No. 4 Train)

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											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	1,303	919	407	287	0.90	0.90	0.33	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	650	997	203	312	0.90	0.90	0.23	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	334	4,357	104	1,362	0.90	0.90	0.58	B
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Jerome Avenue (R290)											
Two-Way Turnstiles	5	2,100	3,225	236	3,341	74	1,044	0.90	0.90	0.44	A

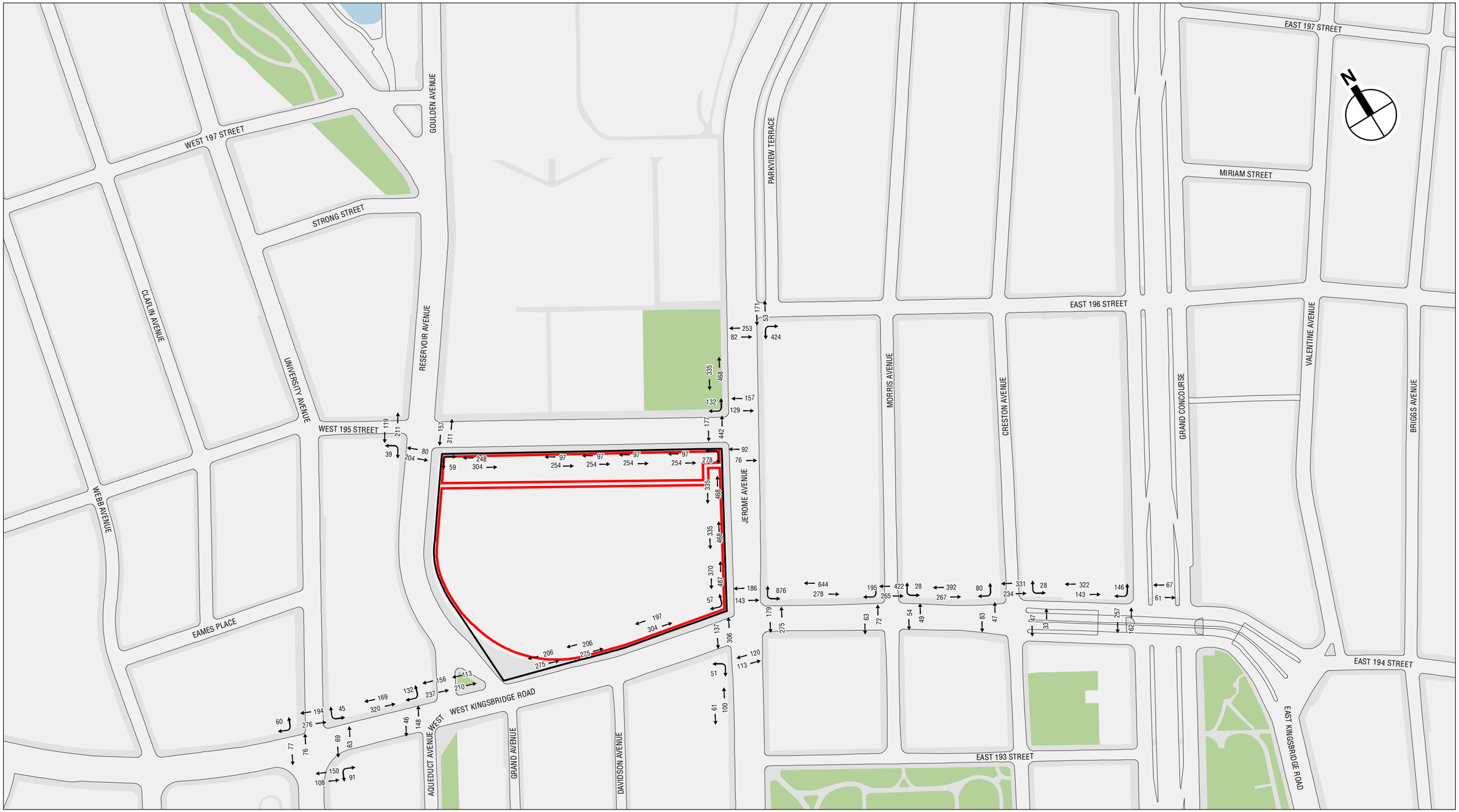
Table D-9b
2032 With Action Condition
Level of Service Summary—Subway Station Fare Control Analysis
Kingsbridge Road Station (B/D Trains)

Fare Control Elements	Quantity	Capacity		Peak Hour Volumes		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											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	524	295	164	92	0.90	0.90	0.12	A
Weekday PM Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	285	520	89	163	0.90	0.90	0.11	A
Weekday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	151	2,360	47	738	0.90	0.90	0.31	A
Saturday Evening Peak Hour											
Northwest corner of East Kingsbridge Road and Grand Concourse (N220)											
Two-Way Turnstiles	5	2,100	3,225	243	1,941	76	607	0.90	0.90	0.27	A

Pedestrians

Pedestrians Figures

5.12.25



Project Site

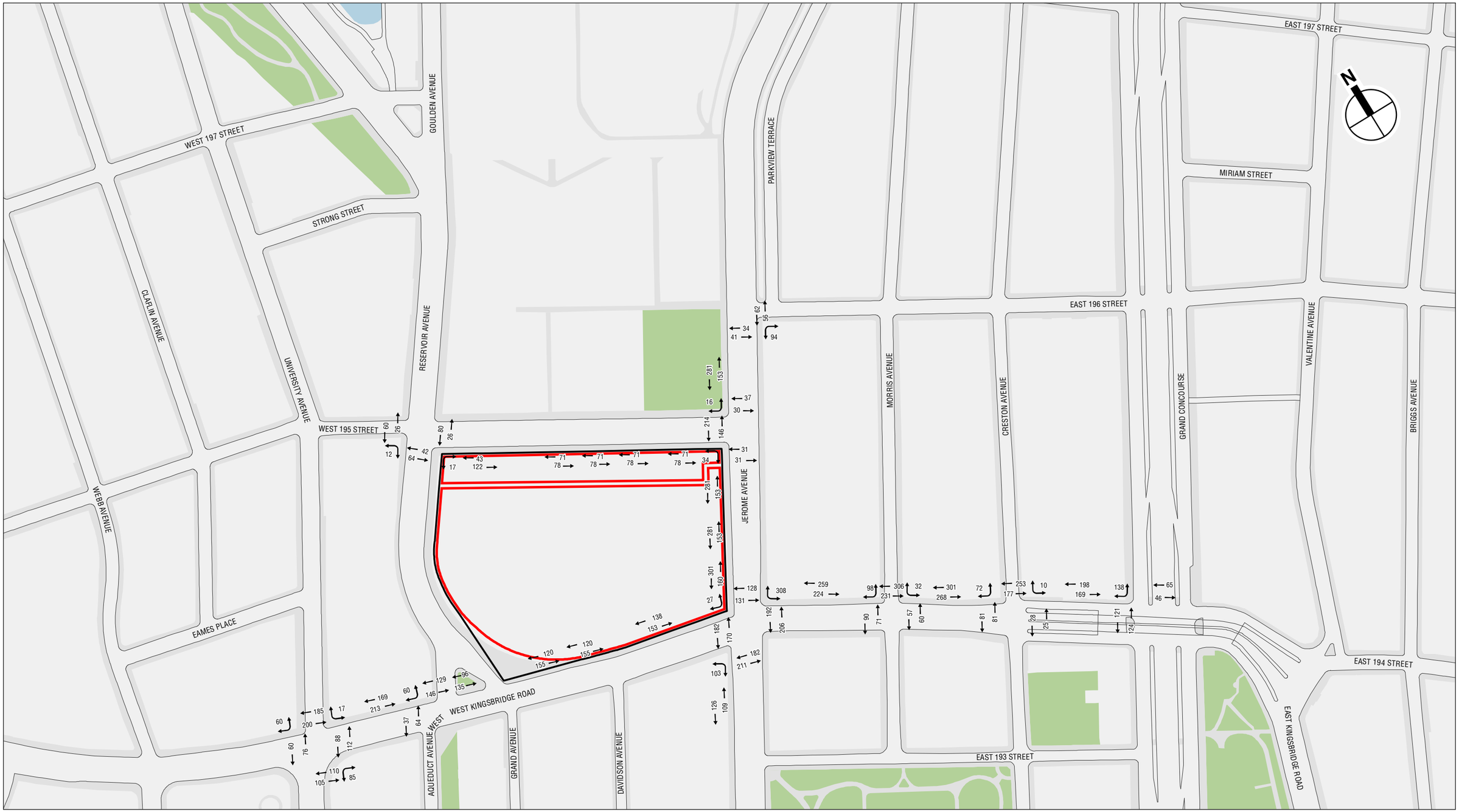
Armory and National Guard Sites

Existing Pedestrian Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-19

5.12.25

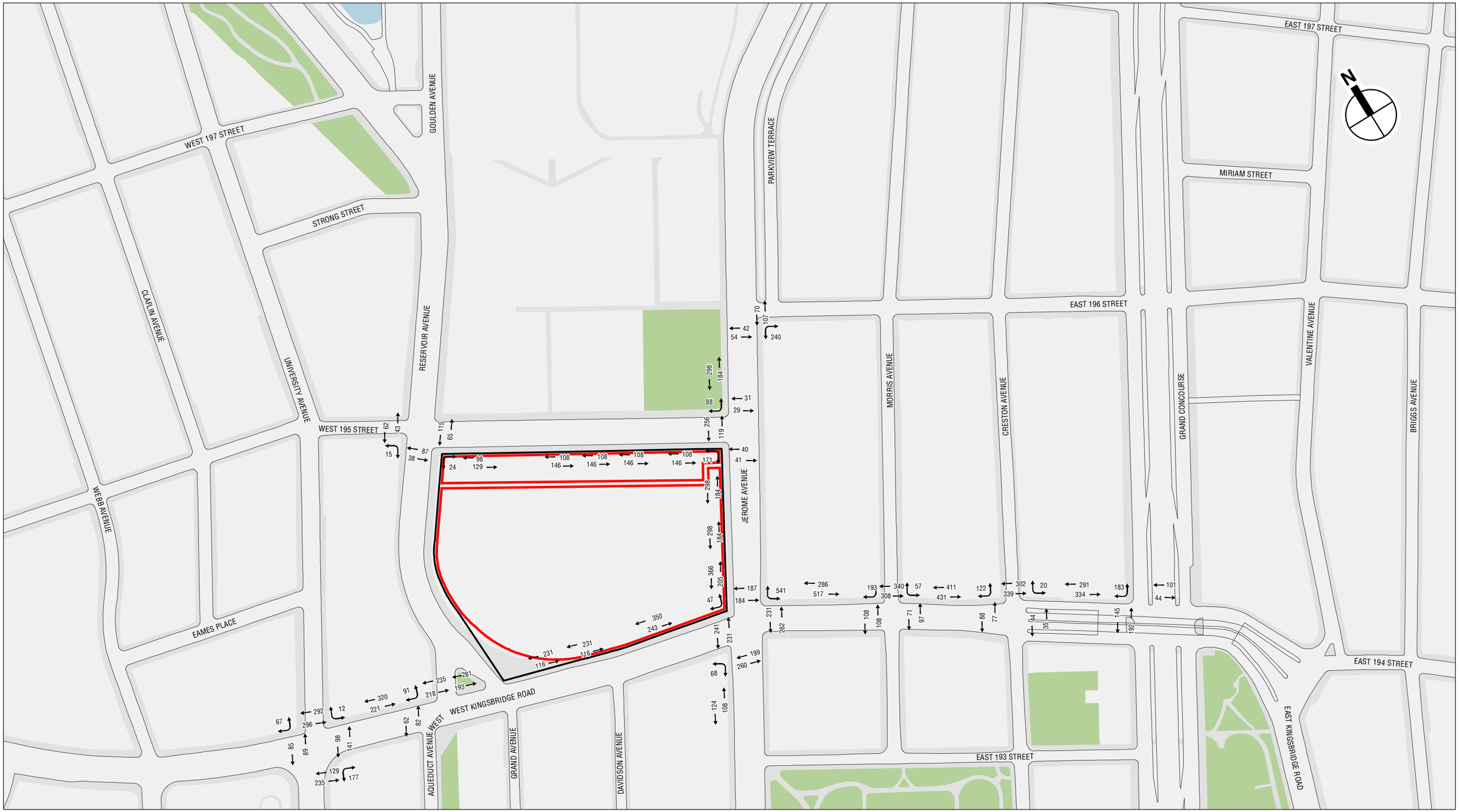


Existing Pedestrian Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-20

5.12.25



Project Site

Armory and National Guard Sites

Existing Pedestrian Volumes
Weekday PM Peak Hour
Figure D-21

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25

WEST 197 STREET
STRONG STREET
CLARLIN AVENUE
UNIVERSITY AVENUE
WEBB AVENUE
EAMES PLACE
GOULDEN AVENUE
RESERVOIR AVENUE
WEST 195 STREET
WEST KINGSBRIDGE ROAD
AQUEDUCT AVENUE WEST
GRAND AVENUE
DAVIDSON AVENUE
JEROME AVENUE
PARKVIEW TERRACE
MORRIS AVENUE
CRESTON AVENUE
GRAND CONCOURSE
EAST 197 STREET
MIRIAM STREET
EAST 196 STREET
VALENTINE AVENUE
BRIGGS AVENUE
EAST 194 STREET
EAST 193 STREET
EAST KINGSBRIDGE ROAD

N

Project Site

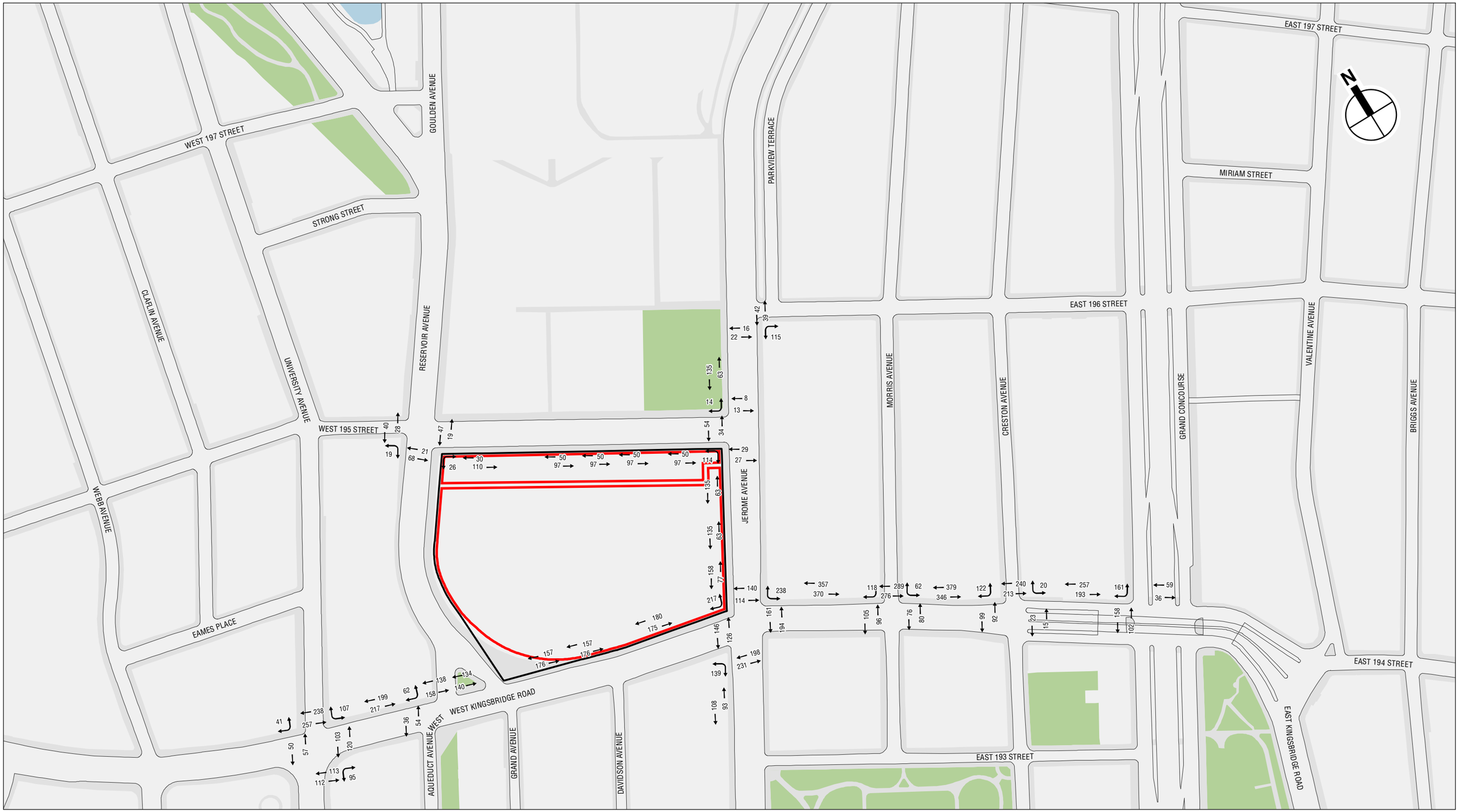
Armory and National Guard Sites

0 500 FEET

Existing Pedestrian Volumes
Weekday Evening Peak Hour
Figure D-22

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25



Project Site

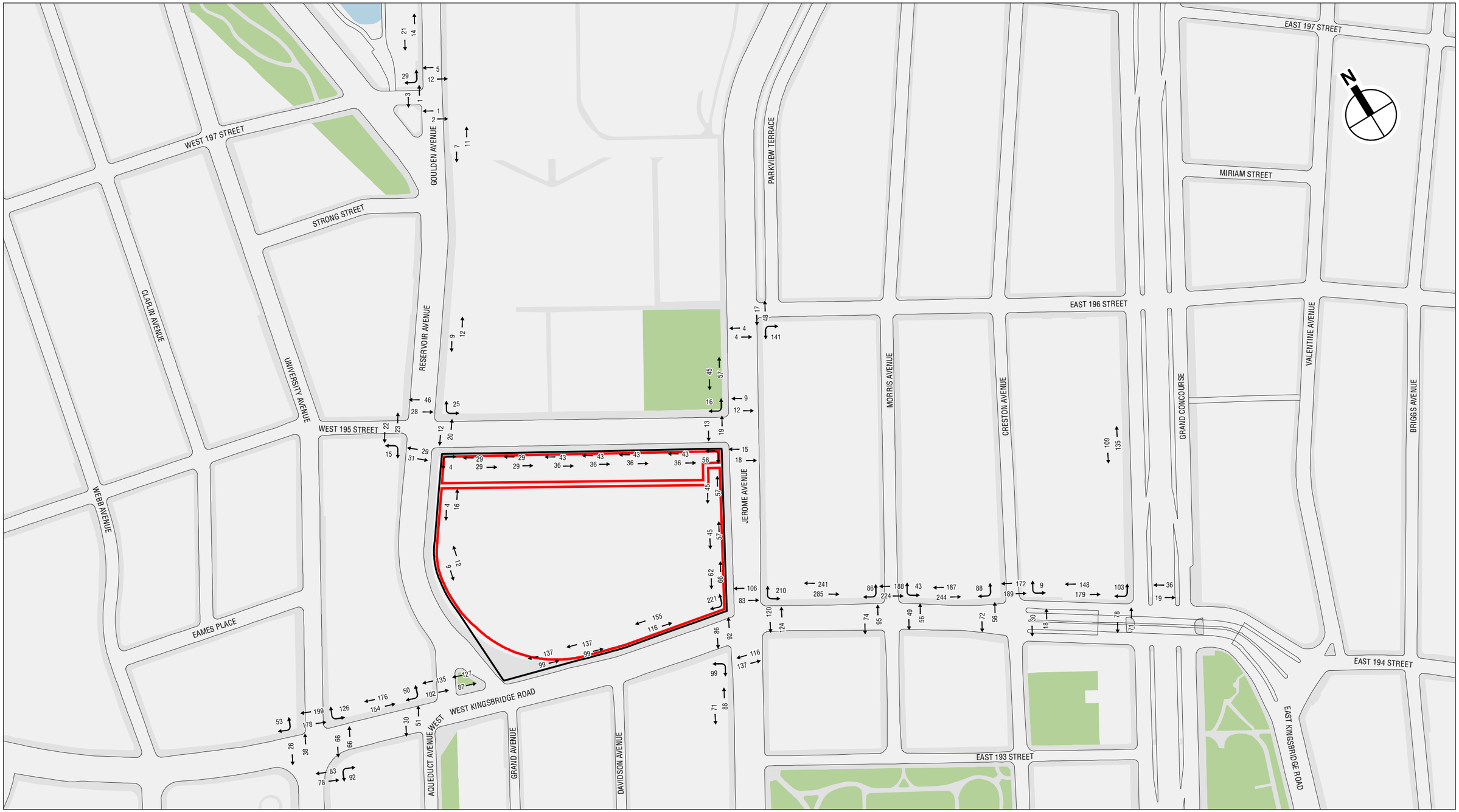
Armory and National Guard Sites

0 500 FEET

Existing Pedestrian Volumes
Saturday Midday/Afternoon Peak Hour

Figure D-23

5.12.25

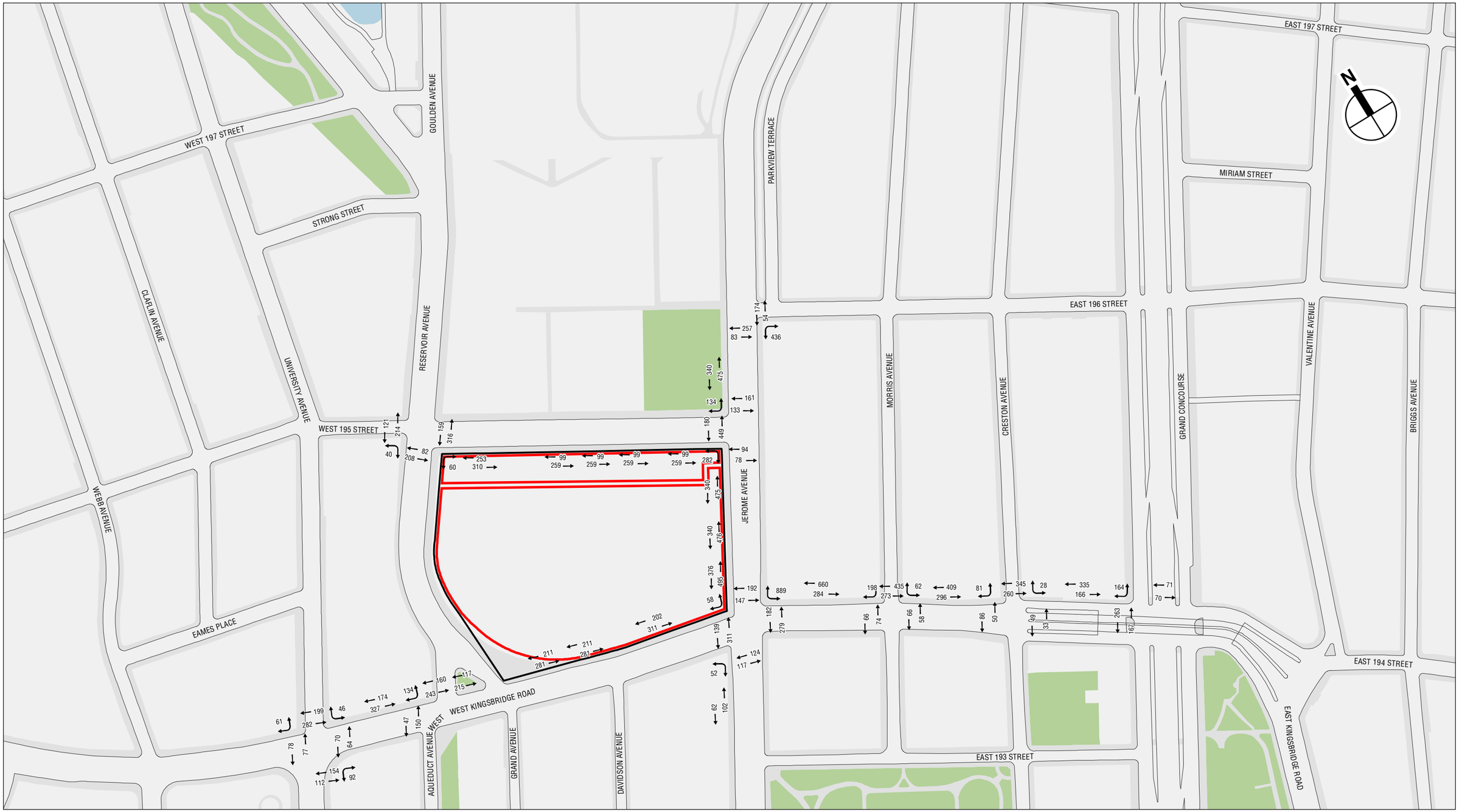


Existing Pedestrian Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-24

5.12.25

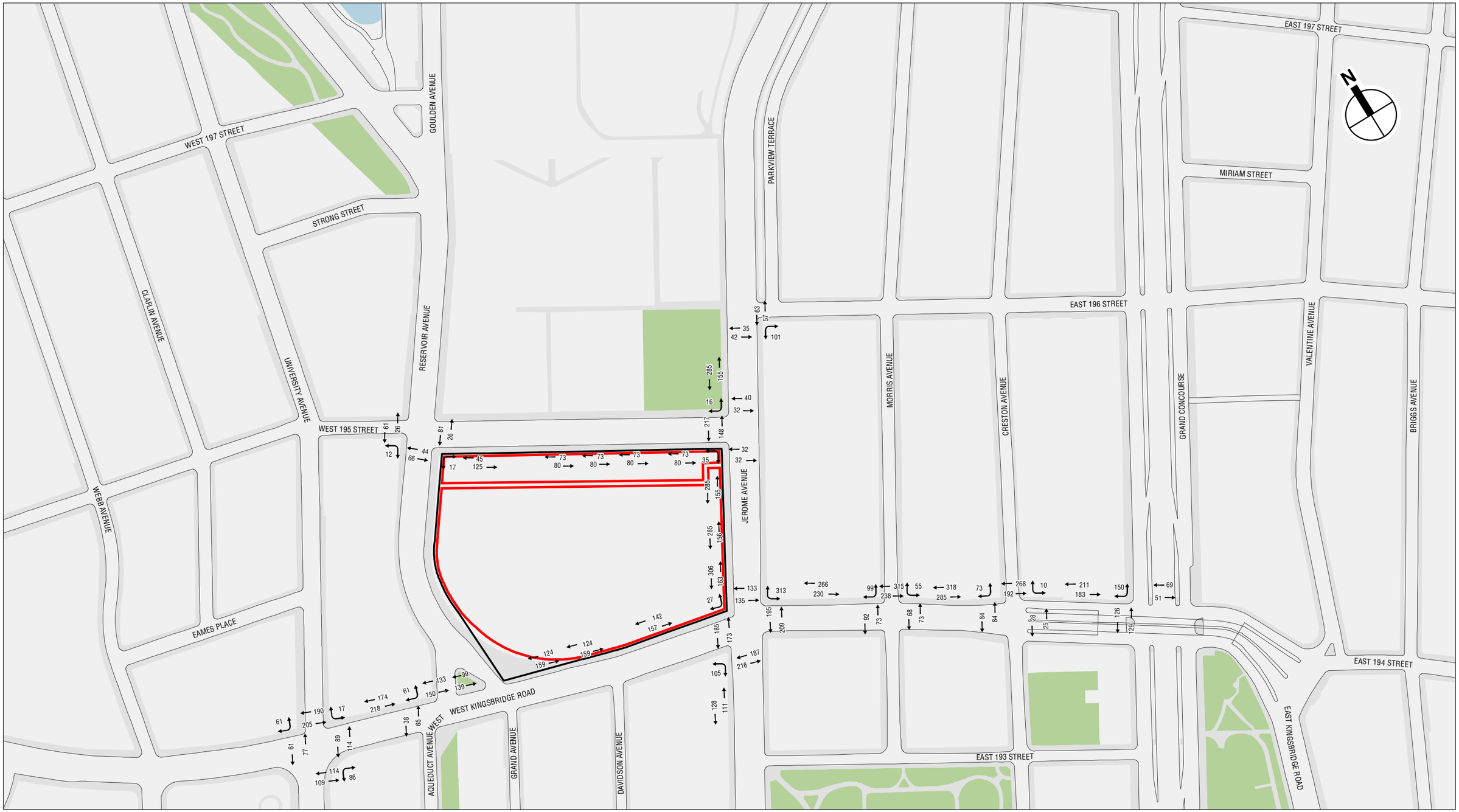


2032 No Action Pedestrian Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-25

5.12.25

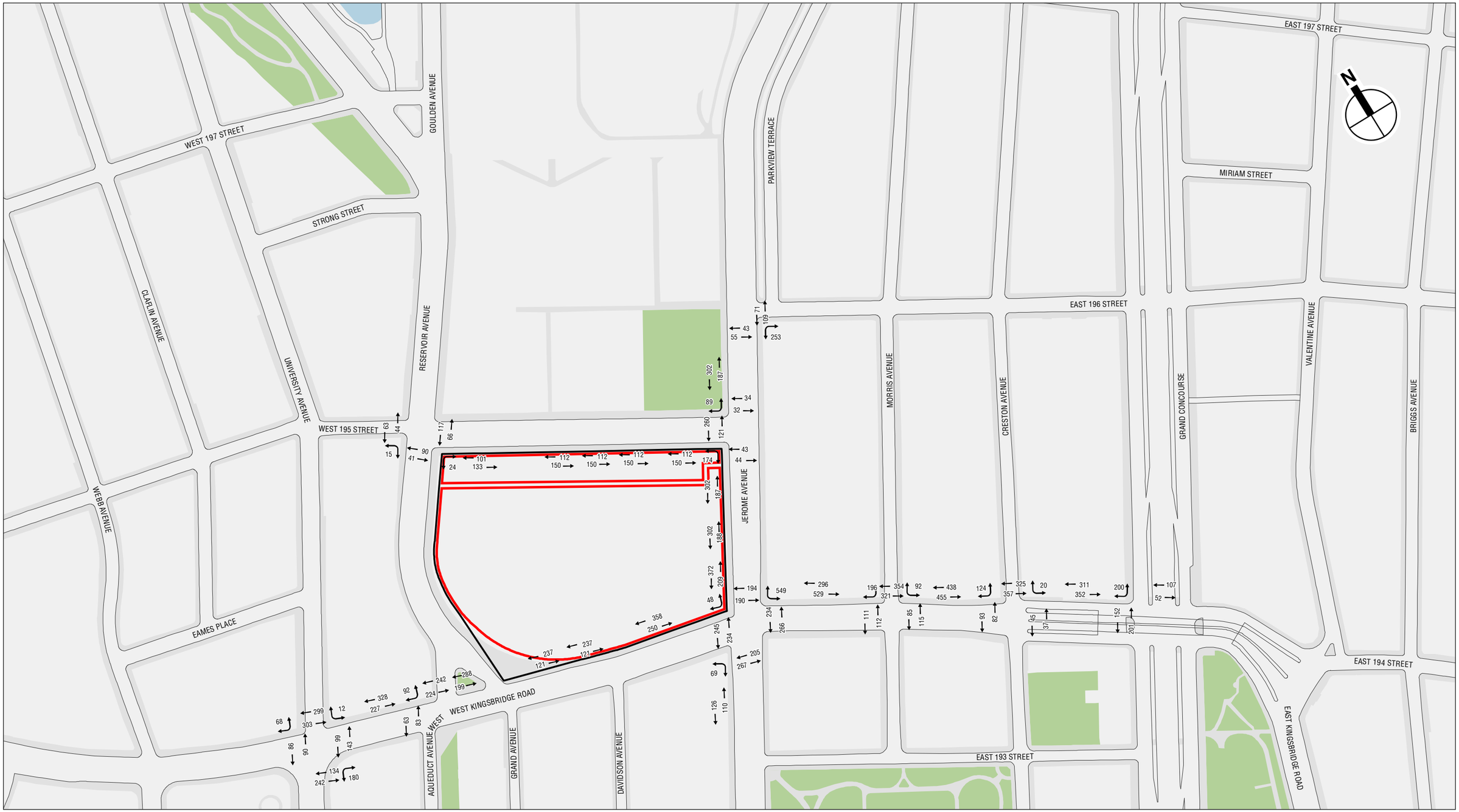


2032 No Action Pedestrian Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-26

5.12.25



Project Site

Armory and National Guard Sites

2032 No Action Pedestrian Volumes
Weekday PM Peak Hour

Figure D-27

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25



Project Site

Armory and National Guard Sites

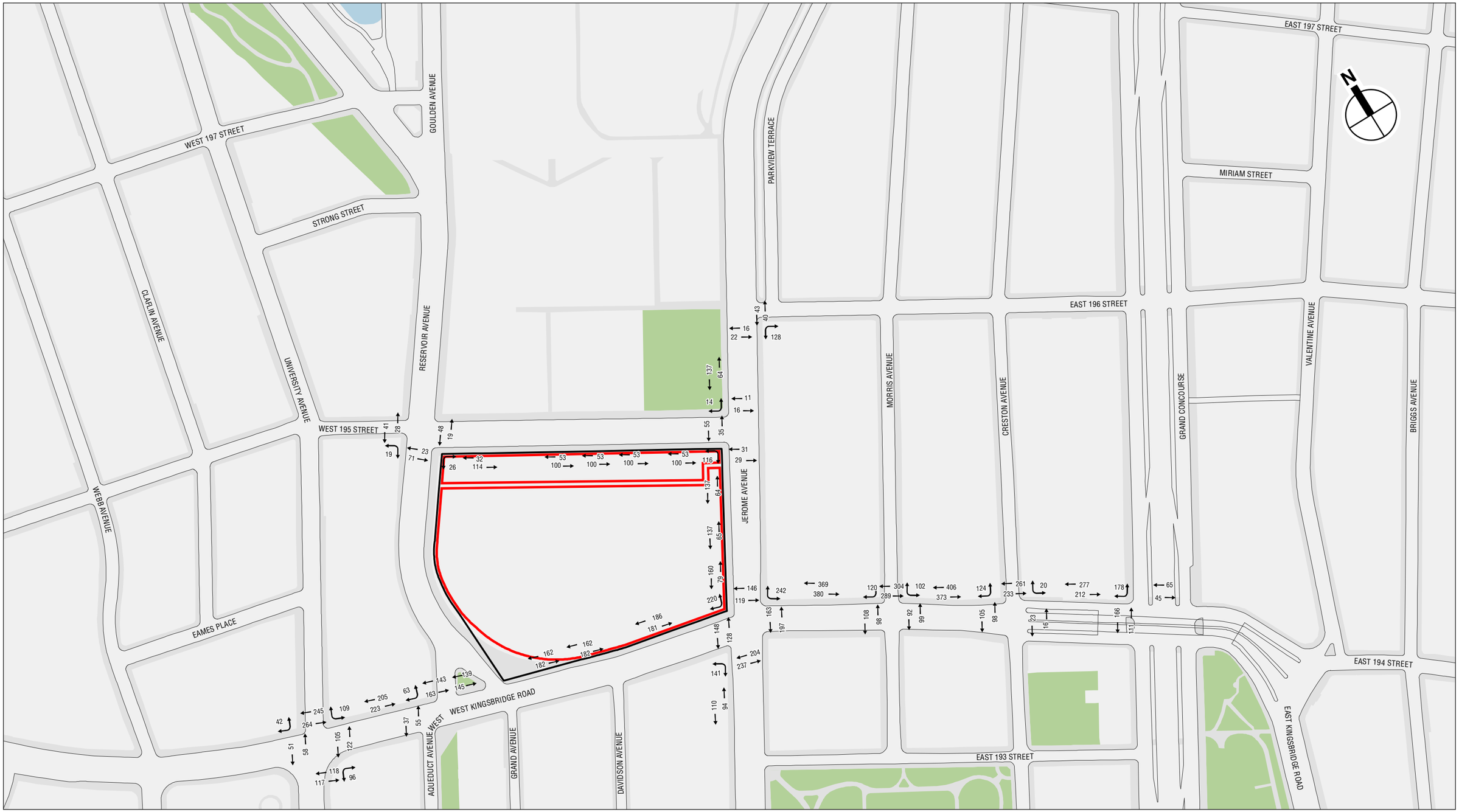
0 500 FEET

2032 No Action Pedestrian Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-28

5.12.25



Project Site

Armory and National Guard Sites

0 500 FEET

2032 No Action Pedestrian Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-29

5.12.25



Project Site

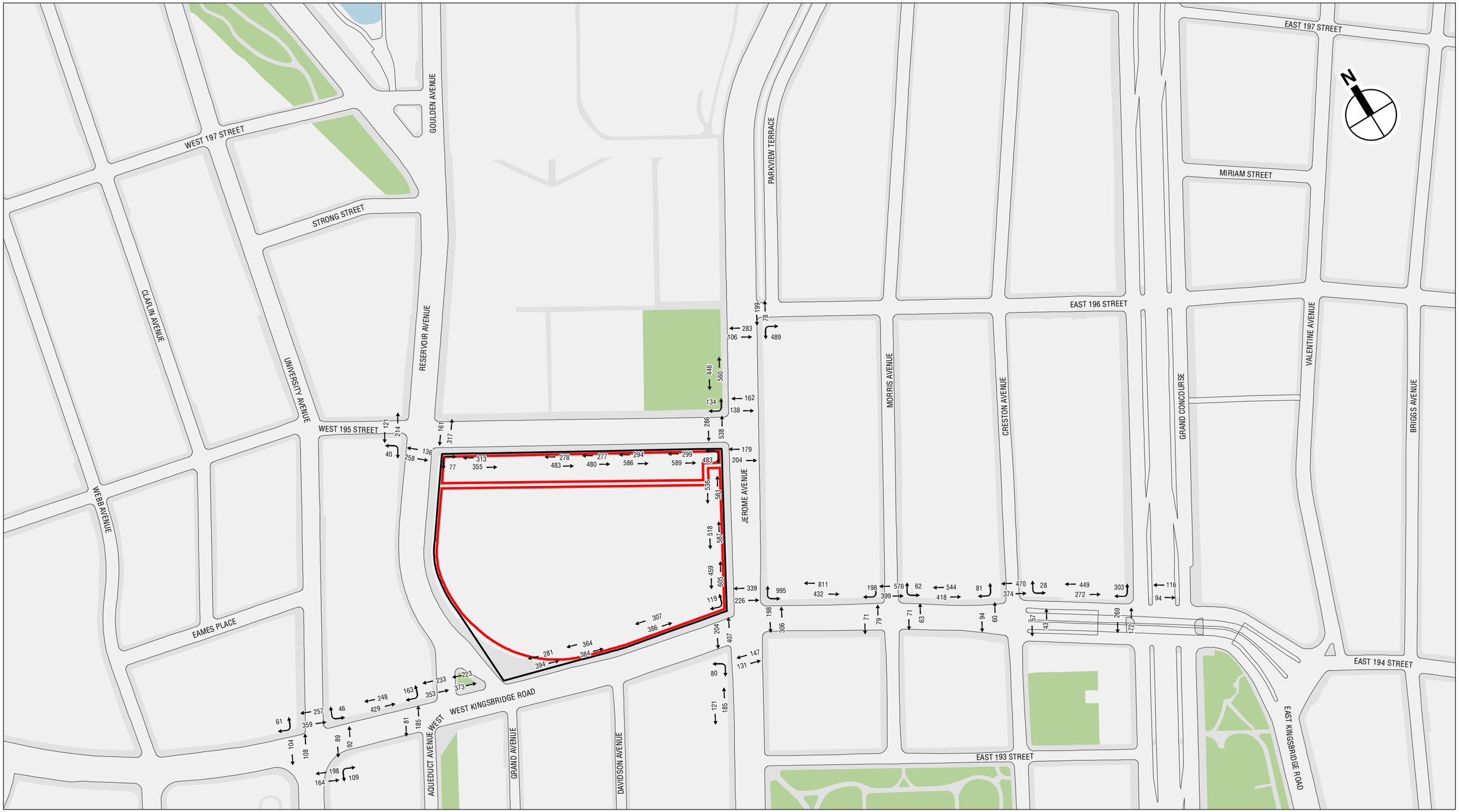
Armory and National Guard Sites

2032 No Action Pedestrian Volumes
Saturday Evening Peak Hour

Figure D-30

KINGSBRIDGE ARMORY REDEVELOPMENT

5.12.25



Project Site

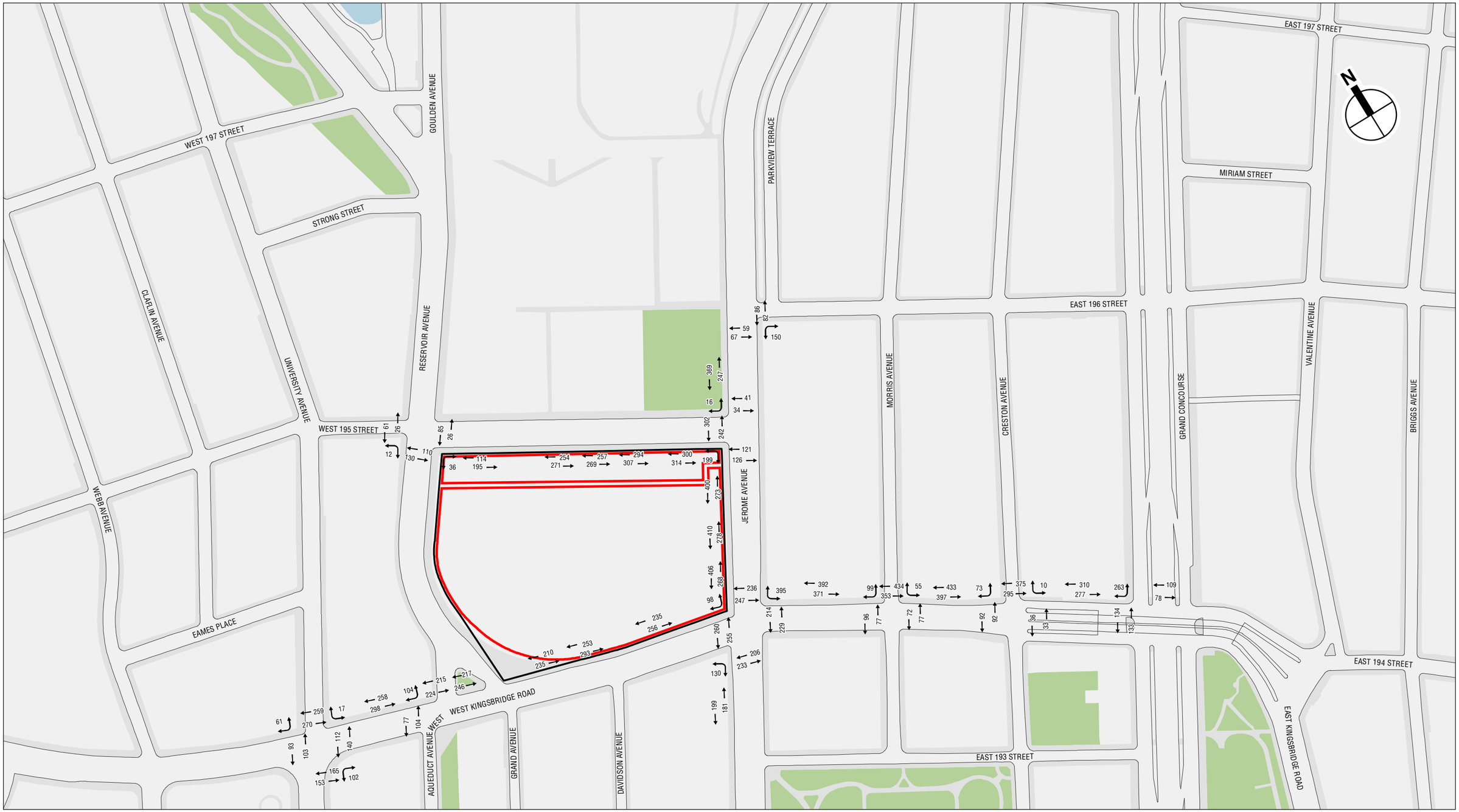
Armory and National Guard Sites

2032 With Action Pedestrian Volumes
Weekday AM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-31

5.12.25

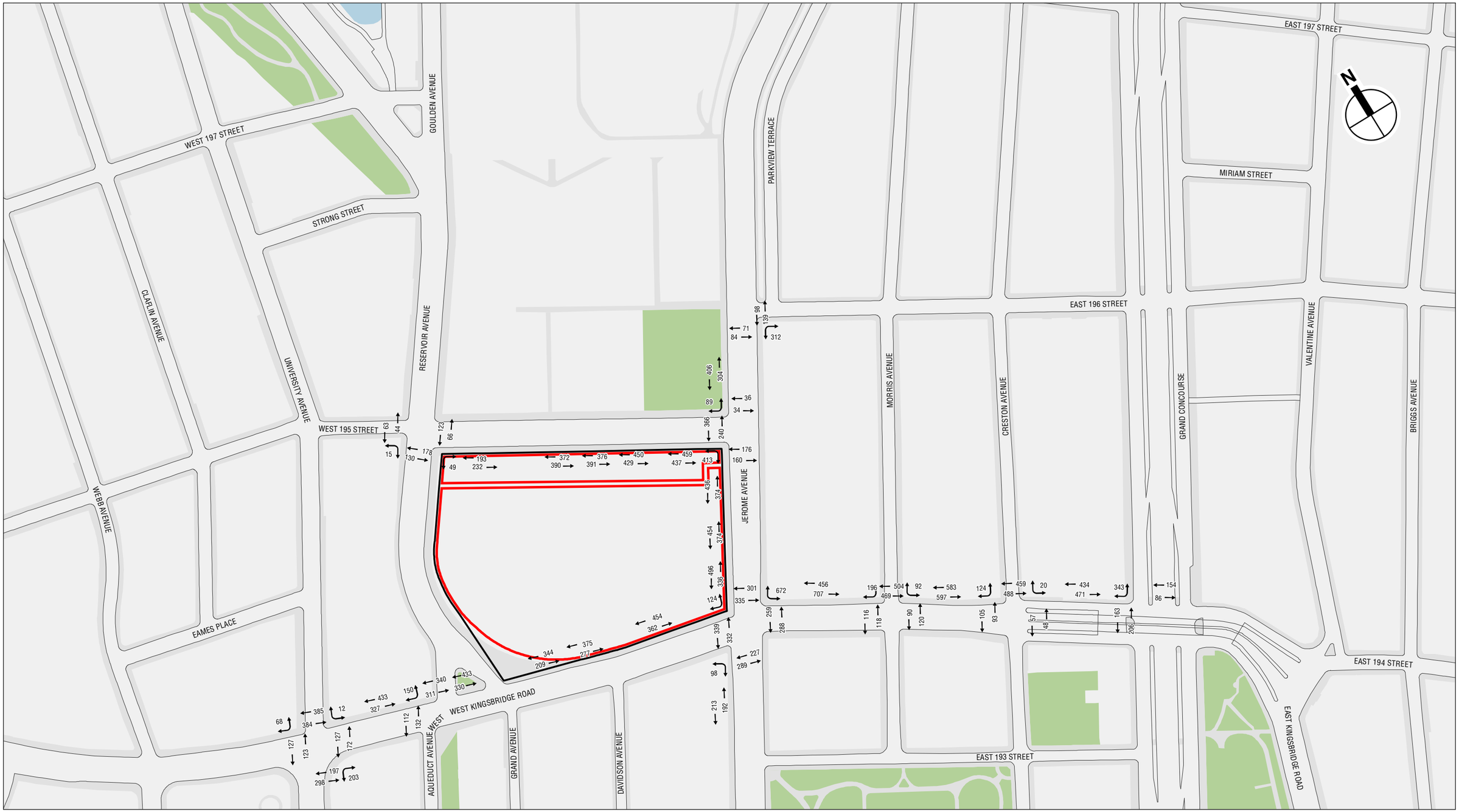


2032 With Action Pedestrian Volumes
Weekday Midday Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-32

5.12.25



Project Site

Armory and National Guard Sites

0 500 FEET

2032 With Action Pedestrian Volumes
Weekday PM Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-33

5.12.25



Project Site

Armory and National Guard Sites

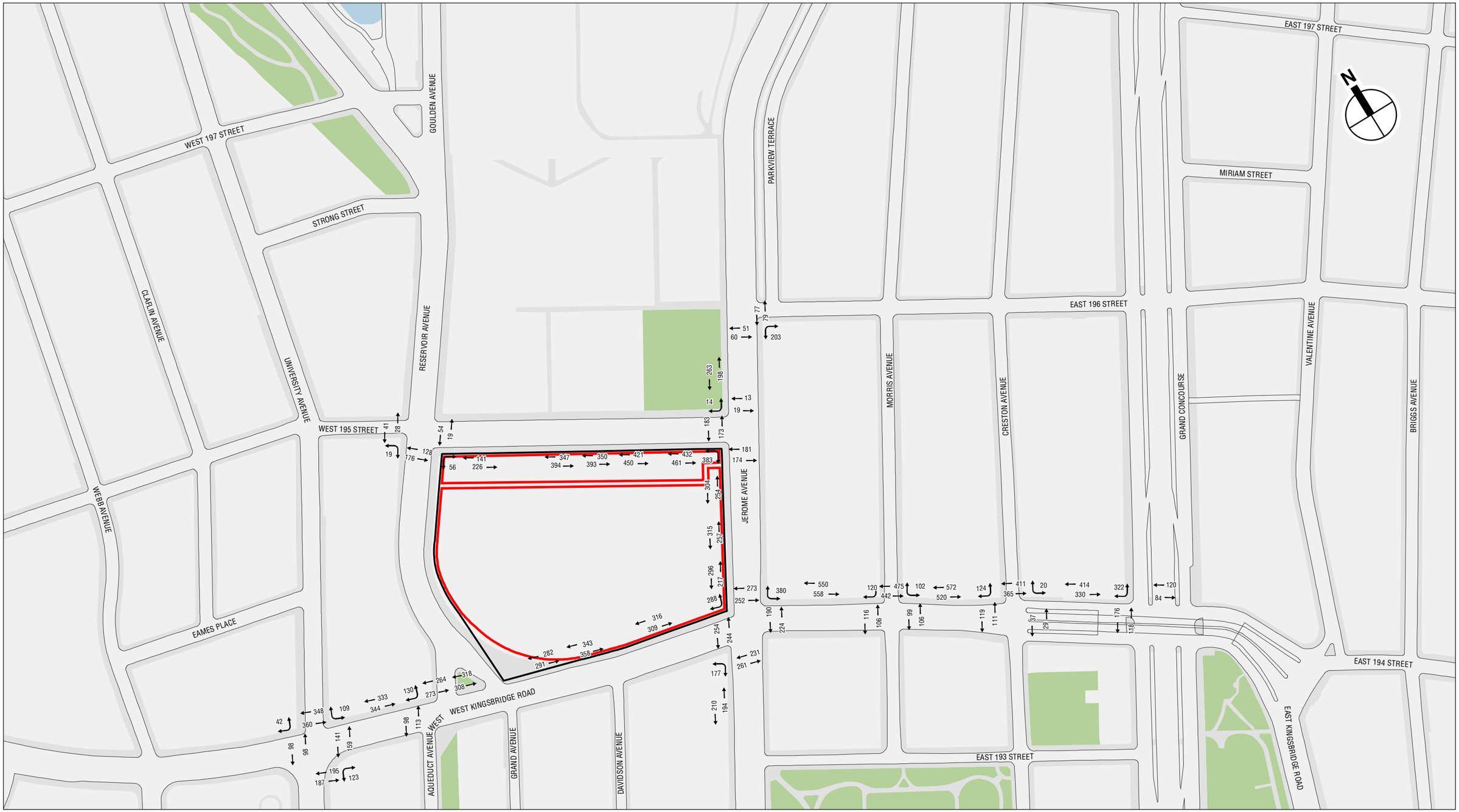
0 500 FEET

2032 With Action Pedestrian Volumes
Weekday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-34

5.12.25



Project Site

Armory and National Guard Sites

2032 With Action Pedestrian Volumes
Saturday Midday/Afternoon Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-35

5.12.25

WEST 197 STREET
STRONG STREET
CLAFLIN AVENUE
UNIVERSITY AVENUE
WEBB AVENUE
EAMES PLACE
GOULDEN AVENUE
RESERVOIR AVENUE
WEST 195 STREET
JEROME AVENUE
PARKVIEW TERRACE
EAST 197 STREET
MIRIAM STREET
EAST 196 STREET
MORRIS AVENUE
CRESTON AVENUE
GRAND CONCOURSE
VALENTINE AVENUE
BRIGGS AVENUE
WEST KINGSBRIDGE ROAD
AQUEDUCT AVENUE WEST
GRAND AVENUE
DAVIDSON AVENUE
EAST 194 STREET
EAST 193 STREET
EAST KINGSBRIDGE ROAD

Project Site

Armory and National Guard Sites

0 500 FEET

2032 With Action Pedestrian Volumes
Saturday Evening Peak Hour

KINGSBRIDGE ARMORY REDEVELOPMENT

Figure D-36

Pedestrians Tables

Table D-10a
Existing Conditions Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
Weekday AM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	489	0.87	306.2	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	552	0.68	193.9	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	351	0.86	388.1	B
West Kingsbridge Road at Barnhill Square	North	9.0	323	0.85	340.9	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	481	0.80	287.8	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	501	0.76	261.6	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	481	0.80	287.8	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	351	0.86	388.1	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	351	0.86	388.1	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	803	0.74	226.5	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	803	0.74	99.6	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	351	0.86	388.1	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	803	0.74	359.9	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	922	0.80	99.2	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	161	0.71	410.4	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	857	0.74	105.5	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	659	0.80	192.0	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	465	0.83	50.6	C
Weekday Midday Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	382	0.92	415.3	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	165	0.71	682.7	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	149	0.63	671.1	A
West Kingsbridge Road at Barnhill Square	North	9.0	231	0.84	469.5	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	275	0.87	546.8	A
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	291	0.88	520.4	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	275	0.87	546.8	A
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	149	0.63	671.1	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	149	0.63	671.1	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	434	0.71	402.5	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	434	0.71	177.4	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	149	0.63	671.1	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	434	0.71	639.4	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	483	0.81	191.8	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	235	0.76	303.7	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	461	0.72	191.0	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	569	0.90	250.5	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	367	0.81	63.0	C
Weekday PM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	541	0.74	237.2	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	227	0.64	444.8	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	254	0.59	370.0	B
West Kingsbridge Road at Barnhill Square	North	9.0	474	0.74	202.3	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	347	0.89	445.3	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	593	0.79	229.6	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	347	0.89	445.3	B

Table D-10a
Existing Conditions Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	254	0.59	370.0	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	254	0.59	370.0	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	482	0.70	353.6	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	482	0.70	155.8	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	254	0.59	370.0	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	482	0.70	561.8	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	803	0.84	120.1	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	232	0.68	275.1	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	571	0.76	163.4	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	842	0.88	164.7	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	625	0.89	40.1	C
Weekday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	389	0.91	403.6	B
Reservoir Avenue between Strong Street and West 195th Street	East	4.5	115	0.37	210.2	B
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	46	0.46	1584.0	A
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	117	0.73	990.0	A
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	117	0.73	990.0	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	145	0.71	776.4	A
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	41	0.51	1980.0	A
West Kingsbridge Road at Barnhill Square	North	9.0	272	0.89	426.2	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	541	0.76	241.2	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	403	0.88	378.8	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	541	0.76	241.2	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	145	0.71	776.4	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	145	0.71	776.4	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	296	0.65	536.8	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	296	0.65	236.7	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	145	0.71	776.4	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	296	0.65	852.6	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	600	0.89	171.2	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	168	0.84	467.9	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	342	0.66	235.2	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	618	0.83	212.7	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	410	0.88	60.8	C
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	321	0.84	206.0	B
Goulden Avenue between East 197th Street and Strong Street	East	9.0	61	0.49	1045.1	A
Goulden Avenue North of West 197th Street	West	4.0	49	0.64	757.8	A
Saturday Midday/Afternoon Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	416	0.87	362.9	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	140	0.64	719.9	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	147	0.72	776.4	A
West Kingsbridge Road at Barnhill Square	North	9.0	274	0.83	390.2	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	333	0.74	385.6	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	355	0.87	423.4	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	333	0.74	385.6	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	147	0.72	776.4	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	147	0.72	776.4	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	198	0.74	913.4	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	198	0.74	402.9	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	147	0.72	776.4	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	198	0.74	1450.7	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	727	0.85	134.2	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	201	0.79	365.5	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	235	0.82	424.9	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	725	0.93	203.9	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	450	0.83	52.5	C
Saturday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	330	0.87	454.6	B
Reservoir Avenue between Strong Street and West 195th Street	East	4.5	21	0.58	1800.0	A
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	20	0.45	3600.0	A
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	58	0.66	1800.0	A
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	58	0.66	1800.0	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	79	0.82	1650.0	A

Table D-10a
Existing Conditions Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	21	0.66	4950.0	A
West Kingsbridge Road at Barnhill Square	North	9.0	214	0.72	437.7	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	236	0.82	599.9	A
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	271	0.80	508.1	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	236	0.82	599.9	A
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	79	0.82	1650.0	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	79	0.82	1650.0	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	102	0.77	1854.5	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	102	0.77	818.1	A
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	79	0.82	1650.0	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	102	0.77	2945.4	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	526	0.75	163.4	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	159	0.72	425.3	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	128	0.86	827.0	A
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	431	0.86	316.7	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	327	0.85	74.4	C
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	244	0.90	291.0	B
Goulden Avenue between East 197th Street and Strong Street	East	9.0	18	0.50	3600.0	A
Goulden Avenue North of West 197th Street	West	4.0	35	0.73	1200.0	A

Note: SFP = square feet per pedestrian.

Table D-10b

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
University Avenue and West Kingsbridge Road	Northwest	369.2	A	417.8	A	303.6	A	415.3	A	396.6	A	541.9	A
	Northeast	368.9	A	405.6	A	286.6	A	336.7	A	307.1	A	402.2	A
	Southeast	538.7	A	500.2	A	296.2	A	392.0	A	482.3	A	655.1	A
Reservoir Avenue and West 195th Street	Northeast	N/A	N/A	N/A	N/A	N/A	N/A	502.2	A	N/A	N/A	852.6	A
	Southwest	154.2	A	436.0	A	424.6	A	699.9	A	605.9	A	1009.1	A
	Southeast	233.7	A	808.8	A	543.3	A	1226.7	A	1109.9	A	2185.7	A
Reservoir Avenue and West Kingsbridge Road	Northwest	340.0	A	603.6	A	381.1	A	593.7	A	647.5	A	693.4	A
Jerome Avenue and East 196th Street	Southeast	295.1	A	964.5	A	558.0	A	930.2	A	1090.7	A	1509.1	A
Jerome Avenue and W 195th Street	Northwest	148.2	A	385.7	A	313.7	A	549.9	A	1171.1	A	1862.8	A
	Southwest	281.6	A	634.5	A	474.7	A	662.0	A	1100.9	A	2341.4	A
Jerome Avenue and East/West Kingsbridge Road	Northwest	253.7	A	353.4	A	249.8	A	237.1	A	332.1	A	413.4	A
	Northeast	157.2	A	275.3	A	196.3	A	258.7	A	315.9	A	374.3	A
	Southwest	227.2	A	202.1	A	171.6	A	245.3	A	210.6	A	337.8	A
Morris Avenue and East Kingsbridge Road	Northwest	183.7	A	267.0	A	174.5	A	234.7	A	230.4	A	302.8	A
	Northeast	193.7	A	260.7	A	195.9	A	234.9	A	213.1	A	313.4	A
Creston Avenue and East Kingsbridge Road	Northwest	228.3	A	283.2	A	215.8	A	270.4	A	247.2	A	330.8	A
	Northeast	106.1	A	157.6	A	114.9	A	137.8	A	152.4	A	197.2	A
Grand Concourse and East Kingsbridge Road	Northwest	138.3	A	213.7	A	156.3	A	206.2	A	209.9	A	361.4	A
Goulden Avenue and West 197th Street	Northwest	N/A	N/A	N/A	N/A	N/A	N/A	1916.8	A	N/A	N/A	4897.2	A

Note: SFP = square foot per pedestrian

Table D-10c
Existing Conditions Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday AM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	284	57.9	B
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	393	152.5	A
Jerome Avenue and W 195th Street	South	70.0	15.0	168	140.3	A
	West	60.0	21.5	619	116.6	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	329	93.5	A
	West	64.0	18.0	443	85.8	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	687	85.3	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	565	75.0	A
Weekday Midday Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	106	139.3	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	275	191.7	A
Jerome Avenue and W 195th Street	South	70.0	15.0	62	293.7	A
	West	60.0	21.5	360	180.7	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	259	114.2	A
	West	64.0	18.0	352	86.2	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	537	118.4	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	430	92.1	A
Weekday PM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	125	135.3	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	453	134.4	A
Jerome Avenue and W 195th Street	South	70.0	15.0	81	248.4	A
	West	60.0	21.5	375	202.6	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	371	92.7	A
	West	64.0	18.0	472	82.7	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	648	95.4	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	641	74.4	A

Table D-10c
Existing Conditions Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	75	520.8	A
	South	60.0	14.0	99	200.4	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	292	213.4	A
Jerome Avenue and W 195th Street	South	70.0	15.0	60	297.2	A
	West	60.0	21.5	178	279.2	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	278	128.2	A
	West	64.0	18.0	292	121.8	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	532	113.5	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	488	88.5	A
Goulden Avenue and West 197th Street	North	44.0	12.0	54	89.5	A
	South	48.0	11.5	18	393.2	A
	West	32.0	11.5	20	1801.9	A
Saturday Midday/Afternoon Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	89	204.4	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	296	196.6	A
Jerome Avenue and W 195th Street	South	70.0	15.0	56	353.2	A
	West	60.0	21.5	88	625.1	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	254	114.4	A
	West	64.0	18.0	272	124.7	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	565	104.2	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	453	83.0	A
Saturday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	32	1134.7	A
	South	60.0	14.0	60	301.0	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	237	215.9	A
Jerome Avenue and W 195th Street	South	70.0	15.0	33	637.1	A
	West	60.0	21.5	32	1463.1	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	189	152.0	A
	West	64.0	18.0	178	203.7	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	412	145.8	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	361	113.3	A
Goulden Avenue and West 197th Street	North	44.0	12.0	17	366.8	A
	South	48.0	11.5	3	1052.3	A
	West	32.0	11.5	4	6463.9	A

Note: SFP = square feet per pedestrian.

Table D-11a
2032 No Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
Weekday AM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	501	0.87	298.9	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	563	0.68	190.1	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	358	0.86	380.5	B
West Kingsbridge Road at Barnhill Square	North	9.0	332	0.85	331.7	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	492	0.80	281.4	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	513	0.76	255.5	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	492	0.80	281.4	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	358	0.86	380.5	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	358	0.86	380.5	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	815	0.74	223.1	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	815	0.74	98.1	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	358	0.86	380.5	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	816	0.74	354.1	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	944	0.80	96.9	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	164	0.71	402.9	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	871	0.74	103.7	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	705	0.80	179.4	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	501	0.83	46.8	C
Weekday Midday Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	392	0.92	404.7	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	170	0.71	662.6	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	153	0.63	653.6	A
West Kingsbridge Road at Barnhill Square	North	9.0	238	0.84	455.7	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	283	0.87	531.3	A
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	299	0.88	506.5	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	283	0.87	531.3	A
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	153	0.63	653.6	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	153	0.63	653.6	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	440	0.71	397.0	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	440	0.71	175.0	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	153	0.63	653.6	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	441	0.71	629.3	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	496	0.81	186.7	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	239	0.76	298.7	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	469	0.72	187.7	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	603	0.90	236.3	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	394	0.81	58.6	C
Weekday PM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	555	0.74	231.2	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	234	0.64	431.5	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	262	0.59	358.7	B
West Kingsbridge Road at Barnhill Square	North	9.0	487	0.74	196.9	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	358	0.89	431.6	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	608	0.79	223.9	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	358	0.89	431.6	B

Table D-11a
2032 No Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	262	0.59	358.7	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	262	0.59	358.7	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	489	0.70	348.6	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	489	0.70	153.5	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	262	0.59	358.7	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	490	0.70	552.6	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	825	0.84	116.9	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	236	0.68	270.5	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	581	0.76	160.5	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	893	0.88	155.3	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	663	0.89	37.6	D
Weekday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	399	0.91	393.5	B
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	117	0.37	528.4	B
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	46	0.46	1584.0	A
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	121	0.73	957.2	A
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	121	0.73	957.2	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	149	0.71	755.6	A
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	41	0.51	1980.0	A
West Kingsbridge Road at Barnhill Square	North	9.0	280	0.89	414.0	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	554	0.76	235.5	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	413	0.88	369.7	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	554	0.76	235.5	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	149	0.71	755.6	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	149	0.71	755.6	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	300	0.65	529.6	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	300	0.65	233.5	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	149	0.71	755.6	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	301	0.65	838.4	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	615	0.89	167.0	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	170	0.84	462.4	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	348	0.66	231.1	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	657	0.83	200.0	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	438	0.88	56.8	C
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	326	0.84	202.9	B
Goulden Avenue between East 197th Street and Strong Street	East	9.0	62	0.49	1028.3	A
Goulden Avenue North of West 197th Street	West	4.0	49	0.64	757.8	A
Saturday Midday/Afternoon Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	428	0.87	352.7	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	146	0.64	690.3	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	153	0.72	746.0	A
West Kingsbridge Road at Barnhill Square	North	9.0	284	0.83	376.5	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	344	0.74	373.3	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	367	0.87	409.6	B

Table D-11a
2032 No Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	344	0.74	373.3	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	153	0.72	746.0	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	153	0.72	746.0	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	201	0.74	899.7	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	201	0.74	396.9	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	153	0.72	746.0	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	202	0.74	1422.0	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	749	0.85	130.3	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	204	0.79	360.1	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	239	0.82	417.8	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	779	0.93	189.7	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	489	0.83	48.2	C
Saturday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	339	0.87	442.6	B
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	21	0.58	4600.0	A
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	20	0.45	3600.0	A
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	60	0.66	1740.0	A
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	60	0.66	1740.0	A
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	83	0.82	1570.5	A
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	21	0.66	4950.0	A
West Kingsbridge Road at Barnhill Square	North	9.0	221	0.72	423.9	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	243	0.82	582.6	A
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	279	0.80	493.6	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	243	0.82	582.6	A
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	83	0.82	1570.5	A
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	83	0.82	1570.5	A
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	104	0.77	1818.9	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	104	0.77	802.4	A
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	83	0.82	1570.5	A
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	105	0.77	2861.3	A
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	541	0.75	158.8	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	161	0.72	420.1	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	131	0.86	808.0	A
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	465	0.86	293.5	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	352	0.85	69.0	C
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	248	0.90	286.3	B
Goulden Avenue between East 197th Street and Strong Street	East	9.0	18	0.50	3600.0	A
Goulden Avenue North of West 197th Street	West	4.0	35	0.73	1200.0	A

Note: SFP = square feet per pedestrian.

Table D-11b

2032 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
University Avenue and West Kingsbridge Road	Northwest	364.8	A	412.4	A	300.0	A	409.4	A	389.7	A	533.8	A
	Northeast	360.8	A	397.0	A	280.8	A	330.0	A	299.7	A	393.5	A
	Southeast	526.5	A	488.3	A	289.4	A	383.1	A	469.1	A	639.8	A
Reservoir Avenue and West 195th Street	Northeast	N/A	N/A	N/A	N/A	N/A	N/A	704.1	A	N/A	N/A	1194.6	A
	Southwest	151.1	A	425.1	A	410.3	A	680.8	A	586.7	A	991.1	A
	Southeast	229.5	A	790.5	A	528.8	A	1195.8	A	1076.2	A	2142.7	A
Reservoir Avenue and West Kingsbridge Road	Northwest	332.9	A	588.7	A	372.3	A	577.9	A	629.2	A	675.6	A
Jerome Avenue and East 196th Street	Southeast	288.7	A	931.1	A	539.5	A	901.1	A	1026.3	A	1453.0	A
Jerome Avenue and W 195th Street	Northwest	145.2	A	375.8	A	305.6	A	532.4	A	1080.1	A	1763.8	A
	Southwest	276.7	A	622.9	A	463.0	A	649.0	A	1068.0	A	2290.1	A
Jerome Avenue and East/West Kingsbridge Road	Northwest	248.1	A	345.1	A	243.7	A	232.3	A	324.0	A	404.2	A
	Northeast	154.2	A	269.4	A	192.1	A	253.1	A	308.4	A	365.7	A
	Southwest	221.8	A	197.7	A	167.8	A	240.3	A	205.8	A	330.7	A
Morris Avenue and East Kingsbridge Road	Northwest	178.4	A	259.9	A	168.4	A	228.3	A	221.4	A	293.9	A
	Northeast	172.7	A	233.5	A	175.0	A	211.2	A	186.0	A	278.8	A
Creston Avenue and East Kingsbridge Road	Northwest	215.0	A	268.1	A	203.6	A	255.5	A	230.0	A	312.5	A
	Northeast	99.6	A	148.7	A	107.9	A	129.9	A	140.3	A	185.2	A
Grand Concourse and East Kingsbridge Road	Northwest	129.2	A	200.3	A	144.6	A	190.8	A	189.1	A	327.5	A
Goulden Avenue and West 197th Street	Northwest	N/A	N/A	N/A	N/A	N/A	N/A	1897.5	A	N/A	N/A	4897.2	A

Note: SFP = square foot per pedestrian

Table D-11c
2032 No Action Condition Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday AM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	290	56.6	B
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	403	148.6	A
Jerome Avenue and W 195th Street	South	70.0	15.0	172	136.9	A
	West	60.0	21.5	629	114.5	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	339	90.4	A
	West	64.0	18.0	450	83.7	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	708	82.1	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	605	69.9	A
Weekday Midday Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	110	134.1	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	283	186.1	A
Jerome Avenue and W 195th Street	South	70.0	15.0	64	284.2	A
	West	60.0	21.5	365	178.0	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	268	109.8	A
	West	64.0	18.0	358	84.1	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	553	114.1	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	460	85.8	A
Weekday PM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	131	128.5	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	466	130.5	A
Jerome Avenue and W 195th Street	South	70.0	15.0	87	230.7	A
	West	60.0	21.5	381	199.0	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	384	89.1	A
	West	64.0	18.0	479	80.8	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	675	90.5	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	682	69.6	A

Table D-11c
2032 No Action Condition Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	76	514.1	A
	South	60.0	14.0	103	192.2	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	301	206.8	A
Jerome Avenue and W 195th Street	South	70.0	15.0	62	287.2	A
	West	60.0	21.5	181	274.2	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	287	123.6	A
	West	64.0	18.0	296	119.5	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	549	109.0	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	519	82.9	A
Goulden Avenue and West 197th Street	North	44.0	12.0	55	87.4	A
	South	48.0	11.5	18	393.2	A
	West	32.0	11.5	20	1800.7	A
Saturday Midday/Afternoon Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	94	193.8	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	306	190.1	A
Jerome Avenue and W 195th Street	South	70.0	15.0	60	328.9	A
	West	60.0	21.5	90	610.5	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	265	109.0	A
	West	64.0	18.0	276	121.6	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	593	98.1	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	494	75.8	A
Saturday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	32	1133.5	A
	South	60.0	14.0	62	291.3	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	245	208.8	A
Jerome Avenue and W 195th Street	South	70.0	15.0	35	599.7	A
	West	60.0	21.5	32	1462.4	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	197	145.2	A
	West	64.0	18.0	180	200.0	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	427	139.5	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	387	105.4	A
Goulden Avenue and West 197th Street	North	44.0	12.0	17	364.9	A
	South	48.0	11.5	3	1052.3	A
	West	32.0	11.5	4	6459.7	A

Note: SFP = square feet per pedestrian.

Table D-12a

2032 With Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
Weekday AM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	677	0.87	221.1	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	668	0.68	160.1	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	761	0.86	178.8	B
West Kingsbridge Road at Barnhill Square	North	9.0	596	0.85	184.6	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	675	0.80	205.0	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	693	0.76	189.0	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	748	0.80	185.0	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	880	0.86	154.6	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	757	0.86	179.8	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	1097	0.74	165.6	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	1006	0.74	79.3	C
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	888	0.86	153.2	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	1105	0.74	261.4	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	1243	0.80	73.3	C
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	306	0.71	215.8	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	1064	0.74	84.8	C
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	962	0.80	131.3	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	721	0.83	31.8	D
Weekday Midday Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	556	0.92	285.2	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	309	0.71	364.5	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	525	0.63	190.3	B
West Kingsbridge Road at Barnhill Square	North	9.0	463	0.84	234.1	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	445	0.87	337.8	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	491	0.88	308.3	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	546	0.87	275.3	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	601	0.63	166.1	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	526	0.63	189.9	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	673	0.71	259.5	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	616	0.71	124.8	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	614	0.63	162.6	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	688	0.71	403.3	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	763	0.81	121.2	B
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	380	0.76	187.7	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	674	0.72	130.5	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	830	0.90	171.6	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	587	0.81	38.7	D
Weekday PM Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	760	0.74	168.7	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	425	0.64	237.5	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	762	0.59	123.0	B
West Kingsbridge Road at Barnhill Square	North	9.0	763	0.74	125.4	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	553	0.89	279.3	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	816	0.79	166.7	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	652	0.89	236.8	B

Table D-12a

2032 With Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	879	0.59	106.5	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	767	0.59	122.2	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	810	0.70	210.3	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	710	0.70	105.5	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	896	0.59	104.5	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	828	0.70	326.9	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	1163	0.84	82.7	C
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	405	0.68	157.4	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	832	0.76	111.9	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	1180	0.88	117.4	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	905	0.89	26.8	D
Weekday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	566	0.91	277.3	B
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	2922	0.37	19.0	E
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	1485	0.46	48.2	C
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	1666	0.73	68.9	C
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	1610	0.73	71.3	C
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	591	0.71	190.3	B
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	279	0.51	290.8	B
West Kingsbridge Road at Barnhill Square	North	9.0	512	0.89	226.3	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	816	0.76	159.7	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	557	0.88	274.0	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	759	0.76	171.8	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	644	0.71	174.6	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	548	0.71	205.2	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	552	0.65	287.7	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	470	0.65	148.9	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	659	0.71	170.6	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	3198	0.65	78.3	C
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	2855	0.89	34.8	D
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	301	0.84	261.0	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	1674	0.66	47.2	C
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	2867	0.83	44.9	C
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	2610	0.88	5.0	F
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	2421	0.84	25.7	D
Goulden Avenue between East 197th Street and Strong Street	East	9.0	2867	0.49	20.2	E
Goulden Avenue North of West 197th Street	West	4.0	2854	0.64	9.6	F
Saturday Midday/Afternoon Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	677	0.87	222.9	B
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	367	0.64	274.5	B
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	741	0.72	153.7	B
West Kingsbridge Road at Barnhill Square	North	9.0	626	0.83	170.6	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	573	0.74	224.0	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	625	0.87	240.4	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	701	0.74	183.0	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	871	0.72	130.7	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	743	0.72	153.3	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	558	0.74	324.0	B
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	461	0.74	172.8	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	893	0.72	127.5	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	572	0.74	502.1	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	1108	0.85	87.8	C
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	404	0.79	181.7	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	513	0.82	194.5	B
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	1092	0.93	135.2	B
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	744	0.83	30.9	D
Saturday Evening Peak Hour						
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	520	0.87	288.4	B
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	4611	0.58	18.8	E
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	2360	0.45	29.0	D
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	2481	0.66	41.0	C
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	2429	0.66	41.9	C
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	504	0.82	258.5	B

Table D-12a
2032 With Action Condition Sidewalks Level of Service Analysis

Location	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	271	0.66	383.5	B
West Kingsbridge Road at Barnhill Square	North	9.0	487	0.72	192.2	B
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	515	0.82	274.8	B
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	347	0.80	396.8	B
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	374	0.82	378.5	B
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	546	0.82	238.5	B
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	466	0.82	279.6	B
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	338	0.77	559.6	A
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	288	0.77	289.6	B
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	559	0.82	233.0	B
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	2389	0.77	125.4	B
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	2306	0.75	36.1	D
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	308	0.72	219.4	B
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	1216	0.86	86.5	C
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	2201	0.86	61.3	C
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	2047	0.85	8.2	F
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	1865	0.90	36.9	D
Goulden Avenue between East 197th Street and Strong Street	East	9.0	4608	0.50	10.9	F
Goulden Avenue North of West 197th Street	West	4.0	4625	0.73	4.1	F

Note: SFP = square feet per pedestrian.

Table D-12b

2032 With 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		Saturday Evening Peak Hour	
		SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS	SFP	LOS
University Avenue and West Kingsbridge Road	Northwest	283.4	A	306.5	A	229.1	A	304.6	A	265.6	A	379.8	A
	Northeast	281.6	A	304.3	A	219.3	A	260.9	A	223.3	A	300.7	A
	Southeast	392.1	A	369.1	A	229.1	A	296.1	A	322.3	A	433.1	A
Reservoir Avenue and West 195th Street	Northeast	N/A	N/A	N/A	N/A	N/A	N/A	60.5	A	N/A	N/A	20.8	D
	Southwest	126.7	A	257.3	A	230.2	A	383.4	A	277.4	A	458.1	A
	Southeast	196.8	A	470.5	A	332.9	A	112.5	A	493.6	A	61.3	A
Reservoir Avenue and West Kingsbridge Road	Northwest	234.7	A	358.2	A	244.6	A	346.6	A	323.6	A	376.6	A
Jerome Avenue and East 196th Street	Southeast	249.1	A	619.3	A	398.6	A	602.2	A	525.4	A	726.4	A
Jerome Avenue and W 195th Street	Northwest	121.6	A	273.1	A	219.6	A	294.6	A	374.8	A	445.9	A
	Southwest	172.9	A	261.0	A	207.9	A	253.1	A	254.8	A	386.8	A
Jerome Avenue and East/West Kingsbridge Road	Northwest	155.7	A	198.2	A	147.4	A	49.8	B	182.1	A	70.5	A
	Northeast	121.9	A	198.2	A	144.9	A	54.1	B	199.5	A	83.8	A
	Southwest	166.8	A	154.9	A	129.3	A	177.2	A	149.1	A	231.6	A
Morris Avenue and East Kingsbridge Road	Northwest	140.5	A	200.6	A	131.8	A	64.5	A	160.2	A	83.3	A
	Northeast	131.1	A	177.3	A	131.2	A	43.0	B	134.0	A	61.9	A
Creston Avenue and East Kingsbridge Road	Northwest	162.8	A	202.6	A	155.3	A	60.7	A	164.5	A	86.6	A
	Northeast	70.6	A	101.3	A	76.2	A	9.9	E	85.4	A	24.5	C
Grand Concourse and East Kingsbridge Road	Northwest	98.2	A	145.1	A	104.3	A	34.0	C	125.9	A	55.7	B
Goulden Avenue and West 197th Street	Northwest	N/A	N/A	N/A	N/A	N/A	N/A	38.4	C	N/A	N/A	22.0	D

Note: SFP = square foot per pedestrian

Table D-12c
2032 With Action Condition Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday AM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	394	39.0	C
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	586	100.6	A
Jerome Avenue and W 195th Street	South	70.0	15.0	383	59.3	B
	West	60.0	21.5	824	83.8	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	565	52.3	B
	West	64.0	18.0	611	60.2	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	975	58.1	B
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	844	48.6	B
Weekday Midday Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	240	57.7	B
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	439	118.1	A
Jerome Avenue and W 195th Street	South	70.0	15.0	247	70.8	A
	West	60.0	21.5	544	117.6	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	483	59.2	B
	West	64.0	18.0	515	57.4	B
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	787	78.9	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	670	57.7	B
Weekday PM Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	308	48.3	B
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	651	92.0	A
Jerome Avenue and W 195th Street	South	70.0	15.0	336	56.6	B
	West	60.0	21.5	606	121.5	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	636	52.0	B
	West	64.0	18.0	671	56.4	B
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	973	61.1	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	947	48.6	B

Table D-12c
2032 With Action Condition Crosswalks Level of Service Analysis

Location	Crosswalk	Crosswalk Length (ft)	Crosswalk Width (ft)	Two-way Peak Hour Volume	SFP	LOS
Weekday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	1484	12.9	E
	South	60.0	14.0	236	80.1	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	458	132.9	A
Jerome Avenue and W 195th Street	South	70.0	15.0	268	64.5	A
	West	60.0	21.5	355	113.9	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	2451	8.8	E
	West	64.0	18.0	447	76.4	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	2767	16.0	D
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	2708	9.8	E
Goulden Avenue and West 197th Street	North	44.0	12.0	1458	1.5	F
	South	48.0	11.5	1421	2.5	F
	West	32.0	11.5	1423	22.4	D
Saturday Midday/Afternoon Peak Hour						
Reservoir Avenue and West 195th Street	South	60.0	14.0	304	59.5	B
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	537	106.4	A
Jerome Avenue and W 195th Street	South	70.0	15.0	355	53.3	B
	West	60.0	21.5	356	152.4	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	525	53.2	B
	West	64.0	18.0	498	65.4	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	917	61.9	A
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	776	46.7	B
Saturday Evening Peak Hour						
Reservoir Avenue and West 195th Street	East	60.5	17.0	2331	4.3	F
	South	60.0	14.0	187	93.4	A
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	426	122.3	A
Jerome Avenue and W 195th Street	South	70.0	15.0	232	85.9	A
	West	60.0	21.5	219	132.2	A
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	1908	9.8	E
	West	64.0	18.0	364	96.5	A
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	2173	21.5	D
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	2101	15.0	D
Goulden Avenue and West 197th Street	North	44.0	12.0	2312	1.3	F
	South	48.0	11.5	2298	0.4	F
	West	32.0	11.5	2299	10.7	E

Note: SFP = square feet per pedestrian.

Table D-13a
2032 No Action and With Action Conditions Sidewalks Level of Service Analysis

Location	2032 No Action						2032 With Action						Impact Determination
	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
Weekday AM Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	501	0.87	298.9	B	North	12.0	677	0.87	221.1	B	
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	563	0.68	190.1	B	South	11.0	668	0.68	160.1	B	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	358	0.86	380.5	B	South	11.0	761	0.86	178.8	B	
West Kingsbridge Road at Barnhill Square	North	9.0	332	0.85	331.7	B	North	9.0	596	0.85	184.6	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	492	0.80	281.4	B	North	12.0	675	0.80	205.0	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	513	0.76	255.5	B	North	12.0	693	0.76	189.0	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	492	0.80	281.4	B	North	12.0	748	0.80	185.0	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	358	0.86	380.5	B	South	11.0	880	0.86	154.6	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	358	0.86	380.5	B	South	11.0	757	0.86	179.8	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	815	0.74	223.1	B	West	17.0	1097	0.74	165.6	B	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	815	0.74	98.1	B	South	7.5	1006	0.74	79.3	C	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	358	0.86	380.5	B	West	11.0	888	0.86	153.2	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	816	0.74	354.1	B	West	27.0	1105	0.74	261.4	B	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	944	0.80	96.9	B	North	8.0	1243	0.80	73.3	C	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	164	0.71	402.9	B	West	6.5	306	0.71	215.8	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	871	0.74	103.7	B	West	8.5	1064	0.74	84.8	C	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	705	0.80	179.4	B	North	11.0	962	0.80	131.3	B	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	501	0.83	46.8	C	North	2.0	721	0.83	31.8	D	
Weekday Midday Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	392	0.92	404.7	B	North	12.0	556	0.92	285.2	B	
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	170	0.71	662.6	A	South	11.0	309	0.71	364.5	B	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	153	0.63	653.6	A	South	11.0	525	0.63	190.3	B	
West Kingsbridge Road at Barnhill Square	North	9.0	238	0.84	455.7	B	North	9.0	463	0.84	234.1	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	283	0.87	531.3	A	North	12.0	445	0.87	337.8	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	299	0.88	506.5	B	North	12.0	491	0.88	308.3	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	283	0.87	531.3	A	North	12.0	546	0.87	275.3	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	153	0.63	653.6	A	South	11.0	601	0.63	166.1	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	153	0.63	653.6	A	South	11.0	526	0.63	189.9	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	440	0.71	397.0	B	West	17.0	673	0.71	259.5	B	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	440	0.71	175.0	B	South	7.5	616	0.71	124.8	B	

Table D-13a
2032 No Action and With Action Conditions Sidewalks Level of Service Analysis

Location	2032 No Action						2032 With Action						Impact Determination
	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	153	0.63	653.6	A	West	11.0	614	0.63	162.6	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	441	0.71	629.3	A	West	27.0	688	0.71	403.3	B	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	496	0.81	186.7	B	North	8.0	763	0.81	121.2	B	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	239	0.76	298.7	B	West	6.5	380	0.76	187.7	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	469	0.72	187.7	B	West	8.5	674	0.72	130.5	B	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	603	0.90	236.3	B	North	11.0	830	0.90	171.6	B	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	394	0.81	58.6	C	North	2.0	587	0.81	38.7	D	
Weekday PM Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	555	0.74	231.2	B	North	12.0	760	0.74	168.7	B	
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	234	0.64	431.5	B	South	11.0	425	0.64	237.5	B	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	262	0.59	358.7	B	South	11.0	762	0.59	123.0	B	
West Kingsbridge Road at Barnhill Square	North	9.0	487	0.74	196.9	B	North	9.0	763	0.74	125.4	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	358	0.89	431.6	B	North	12.0	553	0.89	279.3	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	608	0.79	223.9	B	North	12.0	816	0.79	166.7	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	358	0.89	431.6	B	North	12.0	652	0.89	236.8	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	262	0.59	358.7	B	South	11.0	879	0.59	106.5	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	262	0.59	358.7	B	South	11.0	767	0.59	122.2	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	489	0.70	348.6	B	West	17.0	810	0.70	210.3	B	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	489	0.70	153.5	B	South	7.5	710	0.70	105.5	B	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	262	0.59	358.7	B	West	11.0	896	0.59	104.5	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	490	0.70	552.6	A	West	27.0	828	0.70	326.9	B	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	825	0.84	116.9	B	North	8.0	1163	0.84	82.7	C	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	236	0.68	270.5	B	West	6.5	405	0.68	157.4	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	581	0.76	160.5	B	West	8.5	832	0.76	111.9	B	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	893	0.88	155.3	B	North	11.0	1180	0.88	117.4	B	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	663	0.89	37.6	D	North	2.0	905	0.89	26.8	D	X
Weekday Evening Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	399	0.91	393.5	B	North	12.0	566	0.91	277.3	B	
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	117	0.37	528.4	B	East	11.5	2922	0.37	19.0	E	X
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	46	0.46	1584.0	A	East	11.0	1485	0.46	48.2	C	
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	121	0.73	957.2	A	South	11.0	1666	0.73	68.9	C	
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	121	0.73	957.2	A	South	11.0	1610	0.73	71.3	C	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	149	0.71	755.6	A	South	11.0	591	0.71	190.3	B	

Table D-13a
2032 No Action and With Action Conditions Sidewalks Level of Service Analysis

Location	2032 No Action						2032 With Action						Impact Determination
	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	41	0.51	1980.0	A	East	11.0	279	0.51	290.8	B	
West Kingsbridge Road at Barnhill Square	North	9.0	280	0.89	414.0	B	North	9.0	512	0.89	226.3	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	554	0.76	235.5	B	North	12.0	816	0.76	159.7	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	413	0.88	369.7	B	North	12.0	557	0.88	274.0	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	554	0.76	235.5	B	North	12.0	759	0.76	171.8	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	149	0.71	755.6	A	South	11.0	644	0.71	174.6	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	149	0.71	755.6	A	South	11.0	548	0.71	205.2	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	300	0.65	529.6	B	West	17.0	552	0.65	287.7	B	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	300	0.65	233.5	B	South	7.5	470	0.65	148.9	B	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	149	0.71	755.6	A	West	11.0	659	0.71	170.6	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	301	0.65	838.4	A	West	27.0	3198	0.65	78.3	C	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	615	0.89	167.0	B	North	8.0	2855	0.89	34.8	D	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	170	0.84	462.4	B	West	6.5	301	0.84	261.0	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	348	0.66	231.1	B	West	8.5	1674	0.66	47.2	C	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	657	0.83	200.0	B	North	11.0	2867	0.83	44.9	C	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	438	0.88	56.8	C	North	2.0	2610	0.88	5.0	F	X
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	326	0.84	202.9	B	West	5.5	2421	0.84	25.7	D	X
Goulden Avenue between East 197th Street and Strong Street	East	9.0	62	0.49	1028.3	A	East	9.0	2867	0.49	20.2	E	X
Goulden Avenue North of West 197th Street	West	4.0	49	0.64	757.8	A	West	4.0	2854	0.64	9.6	F	X
Saturday Midday/Afternoon Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	428	0.87	352.7	B	North	12.0	677	0.87	222.9	B	
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	146	0.64	690.3	A	South	11.0	367	0.64	274.5	B	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	153	0.72	746.0	A	South	11.0	741	0.72	153.7	B	
West Kingsbridge Road at Barnhill Square	North	9.0	284	0.83	376.5	B	North	9.0	626	0.83	170.6	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	344	0.74	373.3	B	North	12.0	573	0.74	224.0	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	367	0.87	409.6	B	North	12.0	625	0.87	240.4	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	344	0.74	373.3	B	North	12.0	701	0.74	183.0	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	153	0.72	746.0	A	South	11.0	871	0.72	130.7	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	153	0.72	746.0	A	South	11.0	743	0.72	153.3	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	201	0.74	899.7	A	West	17.0	558	0.74	324.0	B	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	201	0.74	396.9	B	South	7.5	461	0.74	172.8	B	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	153	0.72	746.0	A	West	11.0	893	0.72	127.5	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	202	0.74	1422.0	A	West	27.0	572	0.74	502.1	B	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	749	0.85	130.3	B	North	8.0	1108	0.85	87.8	C	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	204	0.79	360.1	B	West	6.5	404	0.79	181.7	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	239	0.82	417.8	B	West	8.5	513	0.82	194.5	B	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	779	0.93	189.7	B	North	11.0	1092	0.93	135.2	B	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	489	0.83	48.2	C	North	2.0	744	0.83	30.9	D	X

Table D-13a
2032 No Action and With Action Conditions Sidewalks Level of Service Analysis

Location	2032 No Action						2032 With Action						Impact Determination
	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	Sidewalk	Effective Width (ft)	Two-way Peak Hour Volume	PHF	SFP	Platoon LOS	
Saturday Evening Peak Hour													
West Kingsbridge Road between University Avenue and Reservoir Avenue	North	12.0	339	0.87	442.6	B	North	12.0	520	0.87	288.4	B	
Reservoir Avenue between Strong Street and West 195th Street	East	11.5	21	0.58	4600.0	A	East	11.5	4611	0.58	18.8	E	X
Reservoir Avenue between West 195th Street and Loading Dock Entrance	East	11.0	20	0.45	3600.0	A	East	11.0	2360	0.45	29.0	D	X
West 195th Street between Reservoir Avenue and National Guard's West Retail Entrances	South	11.0	60	0.66	1740.0	A	South	11.0	2481	0.66	41.0	C	
West 195th Street between National Guard's West Retail and Residential/Amory North Main Entrances	South	11.0	60	0.66	1740.0	A	South	11.0	2429	0.66	41.9	C	
West 195th Street between Residential/Amory North Main and National Guard's Middle Retail Entrances	South	11.0	83	0.82	1570.5	A	South	11.0	504	0.82	258.5	B	
Reservoir Avenue between Amory's Southwest Main Entrances and Loading Dock Entrance	East	11.0	21	0.66	4950.0	A	East	11.0	271	0.66	383.5	B	
West Kingsbridge Road at Barnhill Square	North	9.0	221	0.72	423.9	B	North	9.0	487	0.72	192.2	B	
West Kingsbridge Road between Reservoir Avenue and Armory's South Entrance	North	12.0	243	0.82	582.6	A	North	12.0	515	0.82	274.8	B	
West Kingsbridge Road between Davidson Avenue and Armory's Southeast Entrance	North	12.0	279	0.80	493.6	B	North	12.0	347	0.80	396.8	B	
West Kingsbridge Road between Armory's South Entrance and Davidson Avenue	North	12.0	243	0.82	582.6	A	North	12.0	374	0.82	378.5	B	
West 195th Street between National Guard's East Residential and East Local Retail Entrances	South	11.0	83	0.82	1570.5	A	South	11.0	546	0.82	238.5	B	
West 195th Street between National Guard's Middle Local Retail and East Residential Entrances	South	11.0	83	0.82	1570.5	A	South	11.0	466	0.82	279.6	B	
Jerome Avenue between West 195th Street and Armory's East Main Entrance	West	17.0	104	0.77	1818.9	A	West	17.0	338	0.77	559.6	A	
West 195th Street between National Guard's East Residential Entrance and Jerome Avenue	South	7.5	104	0.77	802.4	A	South	7.5	288	0.77	289.6	B	
Jerome Avenue between East 196th Street and West 195th Street	West	11.0	83	0.82	1570.5	A	West	11.0	559	0.82	233.0	B	
Jerome Avenue between Armory's Northeast Main and Southeast Main Entrance	West	27.0	105	0.77	2861.3	A	West	27.0	2389	0.77	125.4	B	
East Kingsbridge Road between Jerome Avenue and Morris Avenue	North	8.0	541	0.75	158.8	B	North	8.0	2306	0.75	36.1	D	
Jerome Avenue between West Kingsbridge Road and East 193rd Street	West	6.5	161	0.72	420.1	B	West	6.5	308	0.72	219.4	B	
Jerome Avenue between Southeast Main Entrance and West Kingsbridge Road	West	8.5	131	0.86	808.0	A	West	8.5	1216	0.86	86.5	C	
East Kingsbridge Road between Morris Avenue and Creston Avenue	North	11.0	465	0.86	293.5	B	North	11.0	2201	0.86	61.3	C	
East Kingsbridge Road between Creston Avenue and Grand Concourse	North	2.0	352	0.85	69.0	C	North	2.0	2047	0.85	8.2	F	X
Grand Concourse between East Kingsbridge Road and Subway Entrance	West	5.5	248	0.90	286.3	B	West	5.5	1865	0.90	36.9	D	
Goulden Avenue between East 197th Street and Strong Street	East	9.0	18	0.50	3600.0	A	East	9.0	4608	0.50	10.9	F	X
Goulden Avenue North of West 197th Street	West	4.0	35	0.73	1200.0	A	West	4.0	4625	0.73	4.1	F	X

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

Table D-13b

2032 No Action and With Action 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				
		2032 No Action		2032 With Action		Impact Determination	2032 No Action		2032 With Action		Impact Determination	2032 No Action		2032 With Action		Impact Determination	2032 No Action		2032 With Action		Impact Determination	2032 No Action		2032 With Action		Impact Determination	2032 No Action		2032 With Action		Impact Determination
		SFP	LOS	SFP	LOS		SFP	LOS	SFP	LOS		SFP	LOS	SFP	LOS		SFP	LOS	SFP	LOS		SFP	LOS	SFP	LOS		SFP	LOS	SFP	LOS	
University Avenue and West Kingsbridge Road	Northwest	364.8	A	283.4	A		412.4	A	306.5	A		300.0	A	229.1	A		409.4	A	304.6	A		389.7	A	265.6	A		533.8	A	379.8	A	
	Northeast	360.8	A	281.6	A		397.0	A	304.3	A		280.8	A	219.3	A		330.0	A	260.9	A		299.7	A	223.3	A		393.5	A	300.7	A	
	Southeast	526.5	A	392.1	A		488.3	A	369.1	A		289.4	A	229.1	A		383.1	A	296.1	A		469.1	A	322.3	A		639.8	A	433.1	A	
Reservoir Avenue and West 195th Street	Northeast	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A		704.1	A	60.5	A		N/A	N/A	N/A	N/A		1194.6	A	20.8	D	
	Southwest	151.1	A	126.7	A		425.1	A	257.3	A		410.3	A	230.2	A		680.8	A	383.4	A		586.7	A	277.4	A		991.1	A	458.1	A	
	Southeast	229.5	A	196.8	A		790.5	A	470.5	A		528.8	A	332.9	A		1195.8	A	112.5	A		1076.2	A	493.6	A		2142.7	A	61.3	A	
Reservoir Avenue and West Kingsbridge Road	Northwest	332.9	A	234.7	A		588.7	A	358.2	A		372.3	A	244.6	A		577.9	A	346.6	A		629.2	A	323.6	A		675.6	A	376.6	A	
Jerome Avenue and East 196th Street	Southeast	288.7	A	249.1	A		931.1	A	619.3	A		539.5	A	398.6	A		901.1	A	602.2	A		1026.3	A	525.4	A		1453.0	A	726.4	A	
Jerome Avenue and W 195th Street	Northwest	145.2	A	121.6	A		375.8	A	273.1	A		305.6	A	219.6	A		532.4	A	294.6	A		1080.1	A	374.8	A		1763.8	A	445.9	A	
	Southwest	276.7	A	172.9	A		622.9	A	261.0	A		463.0	A	207.9	A		649.0	A	253.1	A		1068.0	A	254.8	A		2290.1	A	386.8	A	
Jerome Avenue and East/West Kingsbridge Road	Northwest	248.1	A	155.7	A		345.1	A	198.2	A		243.7	A	147.4	A		232.3	A	49.8	B		324.0	A	182.1	A		404.2	A	70.5	A	
	Northeast	154.2	A	121.9	A		269.4	A	198.2	A		192.1	A	144.9	A		253.1	A	54.1	B		308.4	A	199.5	A		365.7	A	83.8	A	
	Southwest	221.8	A	166.8	A		197.7	A	154.9	A		167.8	A	129.3	A		240.3	A	177.2	A		205.8	A	149.1	A		330.7	A	231.6	A	
Morris Avenue and East Kingsbridge Road	Northwest	178.4	A	140.5	A		259.9	A	200.6	A		168.4	A	131.8	A		228.3	A	64.5	A		221.4	A	160.2	A		293.9	A	83.3	A	
	Northeast	172.7	A	131.1	A		233.5	A	177.3	A		175.0	A	131.2	A		211.2	A	43.0	B		186.0	A	134.0	A		278.8	A	61.9	A	
Creston Avenue and East Kingsbridge Road	Northwest	215.0	A	162.8	A		268.1	A	202.6	A		203.6	A	155.3	A		255.5	A	60.7	A		230.0	A	164.5	A		312.5	A	86.6	A	
	Northeast	99.6	A	70.6	A		148.7	A	101.3	A		107.9	A	76.2	A		129.9	A	9.9	E	X	140.3	A	85.4	A		185.2	A	24.5	C	
Grand Concourse and East Kingsbridge Road	Northwest	129.2	A	98.2	A		200.3	A	145.1	A		144.6	A	104.3	A		190.8	A	34.0	C		189.1	A	125.9	A		327.5	A	55.7	B	
Goulden Avenue and West 197th Street	Northwest	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A		1897.5	A	38.4	C		N/A	N/A	N/A	N/A		4897.2	A	22.0	D	

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

Table D-13c

2032 No Action and With Action Conditons Crosswalks Level of Service Analysis

Location	2032 No Action						2032 With Action						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	
Weekday AM Peak Hour													
Reservoir Avenue and West 195th Street	South	60.0	14.0	290	56.6	B	South	60.0	14.0	394	39.0	C	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	403	148.6	A	North	43.0	19.0	586	100.6	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	172	136.9	A	South	70.0	15.0	383	59.3	B	
	West	60.0	21.5	629	114.5	A	West	60.0	21.5	824	83.8	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	339	90.4	A	North	63.5	15.0	565	52.3	B	
	West	64.0	18.0	450	83.7	A	West	64.0	18.0	611	60.2	A	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	708	82.1	A	North	30.0	19.0	975	58.1	B	
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	605	69.9	A	North	30.0	15.0	844	48.6	B	
Weekday Midday Peak Hour													
Reservoir Avenue and West 195th Street	South	60.0	14.0	110	134.1	A	South	60.0	14.0	240	57.7	B	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	283	186.1	A	North	43.0	19.0	439	118.1	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	64	284.2	A	South	70.0	15.0	247	70.8	A	
	West	60.0	21.5	365	178.0	A	West	60.0	21.5	544	117.6	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	268	109.8	A	North	63.5	15.0	483	59.2	B	
	West	64.0	18.0	358	84.1	A	West	64.0	18.0	515	57.4	B	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	553	114.1	A	North	30.0	19.0	787	78.9	A	
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	460	85.8	A	North	30.0	15.0	670	57.7	B	
Weekday PM Peak Hour													
Reservoir Avenue and West 195th Street	South	60.0	14.0	131	128.5	A	South	60.0	14.0	308	48.3	B	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	466	130.5	A	North	43.0	19.0	651	92.0	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	87	230.7	A	South	70.0	15.0	336	56.6	B	
	West	60.0	21.5	381	199.0	A	West	60.0	21.5	606	121.5	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	384	89.1	A	North	63.5	15.0	636	52.0	B	
	West	64.0	18.0	479	80.8	A	West	64.0	18.0	671	56.4	B	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	675	90.5	A	North	30.0	19.0	973	61.1	A	
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	682	69.6	A	North	30.0	15.0	947	48.6	B	
Weekday Evening Peak Hour													
Reservoir Avenue and West 195th Street	East	60.5	17.0	76	514.1	A	East	60.5	17.0	1484	12.9	E	X
	South	60.0	14.0	103	192.2	A	South	60.0	14.0	236	80.1	A	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	301	206.8	A	North	43.0	19.0	458	132.9	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	62	287.2	A	South	70.0	15.0	268	64.5	A	
	West	60.0	21.5	181	274.2	A	West	60.0	21.5	355	113.9	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	287	123.6	A	North	63.5	15.0	2451	8.8	E	X
	West	64.0	18.0	296	119.5	A	West	64.0	18.0	447	76.4	A	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	549	109.0	A	North	30.0	19.0	2767	16.0	D	X
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	519	82.9	A	North	30.0	15.0	2708	9.8	E	X
Goulden Avenue and West 197th Street	North	44.0	12.0	55	87.4	A	North	44.0	12.0	1458	1.5	F	X
	South	48.0	11.5	18	393.2	A	South	48.0	11.5	1421	2.5	F	X
	West	32.0	11.5	20	1800.7	A	West	32.0	11.5	1423	22.4	D	
Saturday Midday/Afternoon Peak Hour													
Reservoir Avenue and West 195th Street	South	60.0	14.0	94	193.8	A	South	60.0	14.0	304	59.5	B	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	306	190.1	A	North	43.0	19.0	537	106.4	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	60	328.9	A	South	70.0	15.0	355	53.3	B	
	West	60.0	21.5	90	610.5	A	West	60.0	21.5	356	152.4	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	265	109.0	A	North	63.5	15.0	525	53.2	B	
	West	64.0	18.0	276	121.6	A	West	64.0	18.0	498	65.4	A	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	593	98.1	A	North	30.0	19.0	917	61.9	A	
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	494	75.8	A	North	30.0	15.0	776	46.7	B	
Saturday Evening Peak Hour													
Reservoir Avenue and West 195th Street	East	60.5	17.0	32	1133.5	A	East	60.5	17.0	2331	4.3	F	X
	South	60.0	14.0	62	291.3	A	South	60.0	14.0	187	93.4	A	
Reservoir Avenue and West Kingsbridge Road	North	43.0	19.0	245	208.8	A	North	43.0	19.0	426	122.3	A	
Jerome Avenue and W 195th Street	South	70.0	15.0	35	599.7	A	South	70.0	15.0	232	85.9	A	
	West	60.0	21.5	32	1462.4	A	West	60.0	21.5	219	132.2	A	
Jerome Avenue and East/West Kingsbridge Road	North	63.5	15.0	197	145.2	A	North	63.5	15.0	1908	9.8	E	X
	West	64.0	18.0	180	200.0	A	West	64.0	18.0	364	96.5	A	
Morris Avenue and East Kingsbridge Road	North	30.0	19.0	427	139.5	A	North	30.0	19.0	2173	21.5	D	
Creston Avenue and East Kingsbridge Road	North	30.0	15.0	387	105.4	A	North	30.0	15.0	2101	15.0	D	X
Goulden Avenue and West 197th Street	North	44.0	12.0	17	364.9	A	North	44.0	12.0	2312	1.3	F	X
	South	48.0	11.5	3	1052.3	A	South	48.0	11.5	2298	0.4	F	X
	West	32.0	11.5	4	6459.7	A	West	32.0	11.5	2299	10.7	E	X

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