

## **APPENDIX B**

### **TRAFFIC AND PARKING**

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# **THE SHOPS AT THE ARMORY**

## **Final Environmental Impact Statement**

Appendix B: Traffic and Parking – Tables and Figures

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# THE SHOPS AT THE ARMORY FEIS

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# THE SHOPS AT THE ARMORY FEIS

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**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>																	
Grand Concourse (Mainline)	NB	L	0.93	93.9	F	L	0.14	14.5	B	L	0.29	16.6	B	L	0.43	20.8	C
		T	0.28	14.3	B	T	0.29	15.3	B	T	0.54	17.7	B	T	0.22	14.6	B
	SB	L	0.21	13.5	B	L	0.11	14.1	B	L	0.53	25.3	C	L	0.08	13.6	B
		T	0.96	29.0	C	T	0.25	14.9	B	T	0.44	16.3	B	T	0.32	15.7	B
Grand Concourse (Service Road)	NB	TR	0.23	13.8	B	TR	0.26	15.1	B	TR	0.39	15.6	B	TR	0.24	14.9	B
	SB	TR	0.56	18.5	B	TR	0.43	17.2	B	TR	0.49	17.3	B	TR	0.34	16.1	B
East Kingsbridge Road	EB	LTR	0.73	41.0	D	LTR	0.59	35.0	C	LTR	0.68	39.7	D	LTR	0.39	29.9	C
	WB	LTR	0.50	34.1	C	LTR	0.35	29.0	C	LTR	0.43	31.9	C	LTR	0.24	27.2	C
<b>Overall Intersection</b>	<b>-</b>	<b>0.87</b>	<b>26.7</b>	<b>C</b>	<b>-</b>	<b>0.50</b>	<b>19.3</b>	<b>B</b>	<b>-</b>	<b>0.59</b>	<b>20.0</b>	<b>C</b>	<b>-</b>	<b>0.42</b>	<b>18.0</b>	<b>B</b>	
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>																	
Creston Avenue	SB	LTR	0.56	35.7	D	LTR	0.36	24.6	C	LTR	0.34	30.9	C	LTR	0.30	23.2	C
East Kingsbridge Road (Ramp)	EB	TR	0.54	18.4	B	TR	0.42	13.5	B	TR	0.48	17.1	B	TR	0.35	12.7	B
	WB	T	0.57	18.8	B	T	0.36	13.0	B	T	0.45	16.8	B	T	0.43	13.9	B
East Kingsbridge Road (Underpass)	EB	T	0.21	13.0	B	T	0.21	10.8	B	T	0.25	13.5	B	T	0.20	10.8	B
	WB	LT	0.58	19.0	B	LT	0.32	12.1	B	LT	0.37	15.2	B	LT	0.25	11.5	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.57</b>	<b>19.8</b>	<b>C</b>	<b>-</b>	<b>0.40</b>	<b>13.6</b>	<b>B</b>	<b>-</b>	<b>0.42</b>	<b>16.9</b>	<b>B</b>	<b>-</b>	<b>0.38</b>	<b>13.4</b>	<b>B</b>	
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>																	
Morris Avenue	NB	LTR	0.23	28.0	C	LTR	0.17	21.2	C	LTR	0.17	27.1	C	LTR	0.17	21.4	C
East Kingsbridge Road	EB	LT	0.52	17.0	B	LT	0.47	13.3	B	LT	0.54	17.2	B	LT	0.44	12.8	B
	WB	TR	0.58	18.8	B	TR	0.38	12.5	B	TR	0.45	16.6	B	TR	0.43	13.0	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.44</b>	<b>18.6</b>	<b>B</b>	<b>-</b>	<b>0.35</b>	<b>13.4</b>	<b>B</b>	<b>-</b>	<b>0.39</b>	<b>17.5</b>	<b>B</b>	<b>-</b>	<b>0.34</b>	<b>13.4</b>	<b>B</b>	
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.49	24.8	C	LTR	0.74	26.4	C	LTR	0.75	32.6	C	LTR	0.71	26.1	C
	SB	LTR	0.85	37.5	D	LTR	0.79	30.7	C	LTR	0.84	39.1	D	LTR	0.77	28.8	C
Kingsbridge Road	EB	LTR	0.90	43.3	D	LTR	0.67	23.1	C	LTR	0.87	38.4	D	LTR	0.84	31.2	C
	WB	LTR	0.80	33.2	C	LTR	0.58	20.9	C	LTR	0.76	32.6	C	LTR	0.54	20.2	C
<b>Overall Intersection</b>	<b>-</b>	<b>0.87</b>	<b>36.4</b>	<b>D</b>	<b>-</b>	<b>0.73</b>	<b>24.6</b>	<b>C</b>	<b>-</b>	<b>0.85</b>	<b>35.8</b>	<b>D</b>	<b>-</b>	<b>0.80</b>	<b>26.8</b>	<b>C</b>	
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>																	
Davidson Avenue	NB	LR	0.35	24.6	C	LR	0.32	24.8	C	LR	0.30	23.7	C	LR	0.41	25.6	C
West Kingsbridge Road	EB	T	0.45	13.5	B	T	0.39	12.8	B	T	0.51	14.1	B	T	0.41	13.0	B
	WB	T	0.55	14.3	B	T	0.40	12.7	B	T	0.45	13.0	B	T	0.39	12.6	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.47</b>	<b>14.8</b>	<b>B</b>	<b>-</b>	<b>0.37</b>	<b>13.9</b>	<b>B</b>	<b>-</b>	<b>0.43</b>	<b>14.4</b>	<b>B</b>	<b>-</b>	<b>0.41</b>	<b>14.4</b>	<b>B</b>	

**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>																	
Reservoir / Aqueduct Avenue	NB	LR	0.32	29.7	C	LR	0.31	23.7	C	LR	0.59	37.1	D	LR	0.32	23.8	C
	SB	L	0.33	29.0	C	L	0.21	21.5	C	L	0.31	28.7	C	L	0.19	21.4	C
		R	0.66	37.3	D	R	0.44	26.2	C	R	0.58	36.1	D	R	0.66	34.1	C
West Kingsbridge Road	EB	T	0.49	16.7	B	T	0.41	12.6	B	T	0.53	17.3	B	T	0.47	13.3	B
	WB	T	0.41	15.8	B	T	0.33	11.9	B	T	0.34	14.9	B	T	0.33	11.9	B
West Kingsbridge Road (unsignalized)	EB	LT	0.42	18.8	C	LT	0.21	11.9	B	LT	0.43	17.9	C	LT	0.58	29.5	D
	WB	LT	0.04	9.1	A	LT	0.05	8.7	A	LT	0.06	9.3	A	LT	0.06	8.7	A
<b>Overall Intersection</b>	-		<b>0.55</b>	<b>21.1</b>	<b>C</b>	-	<b>0.42</b>	<b>14.9</b>	<b>B</b>	-	<b>0.55</b>	<b>21.6</b>	<b>C</b>	-	<b>0.55</b>	<b>17.9</b>	<b>B</b>
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.68	37.0	D	LTR	0.57	23.7	C	LTR	0.94	45.5	D	LTR	0.39	19.8	B
	SB	LTR	0.61	37.8	D	LTR	0.35	20.7	C	LTR	0.74	44.2	D	LTR	0.83	32.8	C
West Kingsbridge Road	EB	LTR	0.81	24.0	C	LTR	0.64	19.1	B	LTR	0.70	21.3	C	LTR	0.74	21.4	C
	WB	LTR	0.95	42.4	D	LTR	0.88	31.8	C	LTR	0.91	37.7	D	LTR	0.91	35.8	D
<b>Overall Intersection</b>	-		<b>0.84</b>	<b>34.5</b>	<b>C</b>	-	<b>0.74</b>	<b>24.9</b>	<b>C</b>	-	<b>0.92</b>	<b>34.6</b>	<b>C</b>	-	<b>0.87</b>	<b>27.7</b>	<b>C</b>
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>																	
Webb Avenue	NB	L	0.29	34.2	C	L	0.47	32.9	C	L	0.82	61.7	E	L	0.31	29.0	C
		R	0.28	33.1	C	R	0.32	28.2	C	R	0.24	31.8	C	R	0.13	25.3	C
	SB	LTR	0.62	40.6	D	LTR	0.40	29.4	C	LTR	0.50	37.0	D	LTR	0.51	31.5	C
West Kingsbridge Road	EB	TR	0.92	43.5	D	TR	0.75	28.6	C	TR	0.78	33.6	C	TR	0.73	27.5	C
	WB	LT	0.99	33.5	C	LT	0.70	13.3	B	LT	0.78	19.2	B	LT	0.61	11.7	B
<b>Overall Intersection</b>	-		<b>0.86</b>	<b>38.4</b>	<b>D</b>	-	<b>0.71</b>	<b>22.5</b>	<b>C</b>	-	<b>0.83</b>	<b>31.0</b>	<b>C</b>	-	<b>0.71</b>	<b>21.3</b>	<b>C</b>
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LT	0.18	26.8	C	LT	0.10	20.3	C	LT	0.17	26.7	C	LT	0.14	20.6	C
Sedgwick Avenue (unsignalized)	NB	R	0.34	11.9	B	R	0.20	10.4	B	R	0.26	12.3	B	R	0.21	11.9	B
	SB	LTR	1.03	58.5	E	LTR	0.63	29.9	C	LTR	0.78	41.4	D	LTR	0.83	35.4	D
West Kingsbridge Road	EB	L	0.48	24.5	C	L	0.23	12.7	B	L	0.36	19.4	B	L	0.19	11.9	B
		T	0.42	16.0	B	T	0.33	11.9	B	T	0.44	16.2	B	T	0.35	12.0	B
West Kingsbridge Road (unsignalized)	EB	R	0.05	10.6	B	R	0.10	10.4	B	R	0.08	10.7	B	R	0.11	10.7	B
	WB	L	0.54	18.2	B	L	0.32	13.0	B	L	0.58	21.4	C	L	0.46	16.0	B
		TR	0.65	18.8	B	TR	0.56	14.6	B	TR	0.68	20.3	C	TR	0.47	13.4	B
<b>Overall Intersection</b>	-		<b>0.80</b>	<b>24.5</b>	<b>C</b>	-	<b>0.59</b>	<b>15.5</b>	<b>B</b>	-	<b>0.72</b>	<b>21.7</b>	<b>C</b>	-	<b>0.61</b>	<b>17.1</b>	<b>B</b>

**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>																	
Bailey Avenue	NB	DefL	0.63	42.5	D	LTR	0.41	24.2	C	LTR	0.76	36.9	D	DefL	0.78	52.9	D
		TR	0.40	30.5	C	-	-	-	-	-	-	-	-	-	TR	0.23	22.0
	SB	DefL	0.81	44.6	D	LTR	0.81	31.9	C	LTR	0.95	44.8	D	LTR	0.78	30.3	C
		TR	0.80	41.8	D	-	-	-	-	-	-	-	-	-	-	-	-
West Kingsbridge Road / West 225th Street	EB	L	0.60	30.5	C	L	0.42	16.1	B	L	0.73	39.9	D	L	0.63	22.7	C
		TR	0.35	15.5	B	TR	0.22	10.9	B	TR	0.28	14.7	B	TR	0.35	12.0	B
	WB	L	0.18	14.3	B	L	0.11	10.3	B	L	0.08	13.0	B	L	0.06	10.0	A
		TR	0.59	19.1	B	TR	0.44	13.0	B	TR	0.63	19.8	B	TR	0.43	12.9	B
<b>Overall Intersection</b>	-	<b>0.68</b>	<b>26.2</b>	<b>C</b>	-	<b>0.58</b>	<b>19.1</b>	<b>B</b>	-	<b>0.82</b>	<b>29.0</b>	<b>C</b>	-	<b>0.69</b>	<b>20.7</b>	<b>C</b>	
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>																	
Reservoir Avenue	NB	LTR	0.35	12.5	B	LTR	0.25	11.4	B	LTR	0.35	12.5	B	LTR	0.26	11.6	B
		SB	DefL	0.63	19.7	B	LTR	0.38	12.8	B	LTR	0.53	14.8	B	LTR	0.37	12.7
		TR	0.65	17.9	B	-	-	-	-	-	-	-	-	-	-	-	-
	West 195th Street	WB	LTR	0.86	41.1	D	LTR	0.48	25.8	C	LTR	0.81	36.2	D	LTR	0.51	26.5
<b>Overall Intersection</b>	-	<b>0.73</b>	<b>22.0</b>	<b>C</b>	-	<b>0.42</b>	<b>15.2</b>	<b>B</b>	-	<b>0.64</b>	<b>19.6</b>	<b>B</b>	-	<b>0.42</b>	<b>15.6</b>	<b>B</b>	
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>																	
Jerome Avenue	NB	LT	0.71	22.9	C	LT	0.50	14.3	B	LT	0.75	22.6	C	LT	0.48	14.1	B
		SB	TR	0.65	19.7	B	TR	0.66	18.1	B	TR	0.68	20.4	C	TR	0.64	17.1
West 195th Street	EB	LR	0.86	54.6	D	LR	0.33	23.6	C	LR	0.59	39.2	D	LR	0.39	24.6	C
<b>Overall Intersection</b>	-	<b>0.76</b>	<b>31.6</b>	<b>C</b>	-	<b>0.53</b>	<b>17.6</b>	<b>B</b>	-	<b>0.69</b>	<b>25.3</b>	<b>C</b>	-	<b>0.54</b>	<b>17.5</b>	<b>B</b>	
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>																	
East Kingsbridge Road / Elm Place	SB	L	0.73	53.2	D	L	0.30	26.8	C	L	0.52	46.7	D	L	0.19	39.6	D
		LT	0.78	56.1	E	LT	0.22	25.5	C	LT	0.52	46.8	D	LT	0.20	39.8	D
East Fordham Road	EB	LT	0.44	9.2	A	LT	0.54	13.7	B	LT	0.49	10.6	B	LT	0.35	8.8	A
		R	0.07	6.3	A	R	0.26	12.2	B	R	0.13	7.6	A	R	0.10	7.3	A
	WB	T	0.52	9.7	A	T	0.56	13.5	B	T	0.56	11.1	B	T	0.45	9.8	A
		R	0.46	11.6	B	R	0.54	15.3	B	R	0.55	14.0	B	R	0.43	12.1	B
<b>Overall Intersection</b>	-	<b>0.58</b>	<b>18.0</b>	<b>B</b>	-	<b>0.47</b>	<b>15.1</b>	<b>B</b>	-	<b>0.55</b>	<b>15.7</b>	<b>B</b>	-	<b>0.39</b>	<b>11.8</b>	<b>B</b>	

**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>																	
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.20	41.3	D	TR	0.15	25.0	C	TR	0.31	41.9	D	TR	0.25	41.6	D
East Fordham Road	EB	T	0.29	6.8	A	T	0.39	10.0	B	T	0.38	8.2	A	T	0.31	7.7	A
		R	0.03	5.3	A	R	0.11	8.4	A	R	0.07	6.3	A	R	0.27	8.9	A
	WB	LT	0.73	13.2	B	LT	0.63	13.1	B	LT	0.65	11.9	B	LT	0.60	11.3	B
<b>Overall Intersection</b>	-		<b>0.61</b>	<b>11.7</b>	<b>B</b>	-	<b>0.47</b>	<b>12.1</b>	<b>B</b>	-	<b>0.56</b>	<b>11.5</b>	<b>B</b>	-	<b>0.51</b>	<b>10.5</b>	<b>B</b>
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.78	49.9	D	LTR	0.96	44.7	D	LTR	1.05	78.5	E	LTR	1.04	66.7	E
	SB	LTR	0.73	43.6	D	LTR	0.89	52.4	D	LTR	1.05	91.0	F	LTR	1.04	88.8	F
Fordham Road	EB	LT	0.83	22.8	C	LT	0.73	15.9	B	LT	0.67	12.7	B	LT	0.72	18.9	B
Fordham Road (unsignalized)	EB	R	0.27	16.2	C	R	0.29	20.0	C	R	0.55	44.7	E	R	0.67	49.8	E
	WB	LT	0.83	19.9	B	LT	0.54	12.0	B	LT	0.45	9.4	A	LT	0.65	17.4	B
		R	0.13	9.0	A	R	0.25	9.8	A	R	0.22	8.3	A	R	0.40	14.9	B
<b>Overall Intersection</b>	-		<b>0.82</b>	<b>25.2</b>	<b>C</b>	-	<b>0.80</b>	<b>22.5</b>	<b>C</b>	-	<b>0.77</b>	<b>29.1</b>	<b>C</b>	-	<b>0.83</b>	<b>34.9</b>	<b>C</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.85	43.6	D	LTR	0.75	28.8	C	LTR	1.05	66.6	E	LTR	1.05	67.8	E
	SB	LTR	0.73	38.0	D	LTR	0.63	26.1	C	LTR	1.04	79.8	E	LTR	0.76	38.9	D
West Fordham Road	EB	L	0.42	23.6	C	L	0.49	26.5	C	L	0.48	26.3	C	L	0.40	23.4	C
		TR	0.56	21.5	C	TR	0.57	20.7	C	TR	0.54	21.2	C	TR	0.60	22.3	C
	WB	L	0.60	32.7	C	L	0.75	47.7	D	L	0.79	52.0	D	L	0.59	40.0	D
		TR	0.79	33.5	C	TR	0.98	54.4	D	TR	0.90	45.8	D	TR	0.86	42.3	D
<b>Overall Intersection</b>	-		<b>0.78</b>	<b>32.1</b>	<b>C</b>	-	<b>0.81</b>	<b>34.7</b>	<b>C</b>	-	<b>0.90</b>	<b>49.7</b>	<b>D</b>	-	<b>0.87</b>	<b>39.9</b>	<b>D</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>																	
Jerome Avenue	NB	TR	0.63	20.5	C	TR	0.57	16.8	B	TR	0.63	20.9	C	TR	0.60	17.3	B
	SB	LT	0.57	19.8	B	LT	0.57	16.3	B	LT	0.65	21.9	C	LT	0.60	16.8	B
East 196th Street	WB	LR	0.36	30.9	C	LR	0.28	23.3	C	LR	0.43	32.4	C	LR	0.41	25.2	C
<b>Overall Intersection</b>	-		<b>0.52</b>	<b>21.8</b>	<b>C</b>	-	<b>0.46</b>	<b>17.4</b>	<b>B</b>	-	<b>0.57</b>	<b>23.4</b>	<b>C</b>	-	<b>0.53</b>	<b>18.5</b>	<b>B</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>																	
Grand Concourse (Mainline)	NB	L	0.77	79.5	E	L	0.15	14.5	B	L	0.33	17.1	B	L	0.18	15.0	B
		T	0.42	16.0	B	T	0.33	15.9	B	T	0.51	17.2	B	T	0.20	14.4	B
	SB	L	0.13	13.0	B	L	0.05	13.3	B	L	0.21	15.3	B	L	0.07	13.4	B
		T	0.89	26.0	C	T	0.24	14.8	B	T	0.41	15.8	B	T	0.26	15.0	B
Grand Concourse (Service Road)	NB	TR	0.34	15.1	B	TR	0.31	15.7	B	TR	0.46	16.8	B	TR	0.31	15.7	B
	SB	TR	0.48	17.0	B	TR	0.37	16.5	B	TR	0.42	16.1	B	TR	0.28	15.3	B
East 196th Street	EB	LTR	0.83	59.8	E	LTR	0.32	29.7	C	LTR	0.59	39.3	D	LTR	0.46	33.2	C
	WB	LTR	0.85	48.4	D	LTR	0.42	32.0	C	LTR	0.79	46.5	D	LTR	0.68	39.3	D
<b>Overall Intersection</b>	-		<b>0.88</b>	<b>25.1</b>	<b>C</b>	-	<b>0.39</b>	<b>17.4</b>	<b>B</b>	-	<b>0.62</b>	<b>19.7</b>	<b>B</b>	-	<b>0.46</b>	<b>19.2</b>	<b>B</b>



**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>																	
East 194th Street / Valentine Avenue	NB	L	0.83	63.8	E	L	0.74	44.5	D	L	0.88	70.0	E	L	0.75	46.2	D
		LT	0.86	67.8	E	LT	0.68	41.2	D	LT	0.92	77.8	E	LT	0.68	41.8	D
	SB	L	0.15	30.8	C	L	0.14	24.4	C	L	0.15	30.8	C	L	0.19	25.0	C
		T	0.26	39.7	D	T	0.24	30.5	C	T	0.24	39.1	D	T	0.34	32.1	C
		R	0.81	69.5	E	R	0.72	49.5	D	R	0.56	48.8	D	R	0.32	32.4	C
East Kingsbridge Road (Underpass)	EB	L	0.34	36.6	D	L	0.56	35.1	D	L	0.38	36.6	D	L	0.35	29.8	C
		T	0.70	47.4	D	T	0.58	35.1	D	T	0.57	41.3	D	T	0.65	37.6	D
East Kingsbridge Road (Service Road)	EB	T	0.58	41.2	D	T	0.47	31.9	C	T	0.61	42.2	D	T	0.37	30.0	C
<b>Overall Intersection</b>	-		<b>0.55</b>	<b>53.1</b>	<b>D</b>	-	<b>0.47</b>	<b>38.1</b>	<b>D</b>	-	<b>0.54</b>	<b>52.3</b>	<b>D</b>	-	<b>0.51</b>	<b>36.1</b>	<b>D</b>
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>																	
Goulden Avenue / Reservoir Avenue	NB	DefL	0.29	12.7	B	DefL	0.22	11.3	B	DefL	0.30	12.6	B	DefL	0.15	8.2	A
		T	0.36	8.8	A	T	0.28	8.0	A	T	0.30	8.0	A	T	0.16	6.9	A
	SB	T	0.58	26.1	C	T	0.56	25.8	C	T	0.56	25.8	C	T	0.37	22.7	C
Reservoir Avenue	SB	T	0.81	43.4	D	T	0.38	33.6	C	T	0.56	37.1	D	T	0.39	33.7	C
Strong Street	EB	LR	0.68	40.2	D	LR	0.28	30.2	C	LR	0.32	30.9	C	LR	0.19	28.5	C
<b>Overall Intersection</b>	-		<b>0.93</b>	<b>26.4</b>	<b>C</b>	-	<b>0.63</b>	<b>20.9</b>	<b>C</b>	-	<b>0.78</b>	<b>21.9</b>	<b>C</b>	-	<b>0.36</b>	<b>20.0</b>	<b>B</b>
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>																	
Webster Avenue	NB	L	0.80	64.7	E	L	0.58	26.6	C	L	0.80	43.5	D	L	0.99	87.6	F
		TR	0.74	50.6	D	TR	0.86	42.5	D	TR	1.04	69.8	E	TR	0.98	71.7	E
	SB	L	0.99	63.8	E	L	0.65	36.2	D	L	0.86	70.4	E	L	0.70	47.4	D
		TR	1.05	74.0	E	TR	0.71	37.8	D	TR	0.72	49.2	D	TR	0.80	51.6	D
East Fordham Road	EB	L	0.58	29.2	C	L	0.47	19.4	B	L	0.51	26.9	C	L	0.30	15.7	B
		T	0.57	22.9	C	T	0.55	21.9	C	T	0.65	25.4	C	T	0.46	21.6	C
		R	0.16	17.3	B	R	0.39	21.7	C	R	0.20	18.6	B	R	0.20	19.0	B
	WB	L	0.76	32.9	C	L	0.45	14.8	B	L	0.45	16.1	B	L	0.27	13.5	B
		T	0.83	28.5	C	T	0.73	24.4	C	T	0.85	28.9	C	T	0.55	22.9	C
		R	0.54	22.7	C	R	0.58	24.3	C	R	0.38	20.4	C	R	0.42	22.3	C
<b>Overall Intersection</b>	-		<b>0.91</b>	<b>38.7</b>	<b>D</b>	-	<b>0.82</b>	<b>27.9</b>	<b>C</b>	-	<b>0.91</b>	<b>37.3</b>	<b>D</b>	-	<b>0.74</b>	<b>37.7</b>	<b>D</b>
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LTR	0.85	44.8	D	LTR	0.74	34.1	C	LTR	1.05	72.1	E	LTR	0.84	45.3	D
	SB	LT	0.60	34.8	C	LT	0.37	23.5	C	DefL	0.78	50.4	D	LT	0.27	28.8	C
		-	-	-	-	-	-	-	-	T	0.84	48.1	D	-	-	-	-
Sedgwick Avenue (unsignalized)		R	0.69	19.7	C	R	0.38	11.9	B	R	0.61	18.0	C	R	0.63	17.7	C
West Fordham Road	EB	L	0.65	22.2	C	L	0.86	47.1	D	L	0.87	35.5	D	L	0.88	44.6	D
		TR	0.64	19.2	B	TR	0.59	15.1	B	TR	0.65	16.6	B	TR	0.58	18.1	B
	WB	LT	0.76	32.6	C	LT	0.76	26.2	C	LT	0.99	45.9	D	LT	0.80	32.3	C
West Fordham Road (unsignalized)		R	0.26	11.5	B	R	0.13	10.0	A	R	0.22	11.2	B	R	0.15	10.5	B
<b>Overall Intersection</b>	-		<b>0.82</b>	<b>26.1</b>	<b>C</b>	-	<b>0.77</b>	<b>23.0</b>	<b>C</b>	-	<b>1.01</b>	<b>34.3</b>	<b>C</b>	-	<b>0.84</b>	<b>27.3</b>	<b>C</b>

**TABLE B-1  
KINGSBRIDGE ARMORY FEIS  
EXISTING TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday							
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS				
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>																				
Major Deegan Expressway Southbound Ramp	SB	LTR	1.01	86.0	F	LTR	0.96	60.8	E	LTR	1.04	95.1	F	LTR	0.85	57.7	E			
West Fordham Road	EB	L	0.82	56.7	E	L	0.92	54.2	D	L	1.03	96.4	F	L	0.84	58.4	E			
		T	0.72	37.5	D	T	0.96	51.3	D	T	1.03	71.2	E	T	0.97	51.8	D			
	WB	R	0.42	30.1	C	R	0.61	29.7	C	R	0.21	21.8	C	R	0.62	31.6	C			
		L	0.83	45.3	D	L	0.53	22.4	C	L	0.77	47.6	D	L	0.82	43.8	D			
		T	0.61	12.3	B	T	0.61	11.0	B	T	0.48	9.6	A	T	0.53	10.2	B			
<b>Overall Intersection</b>	-		<b>0.85</b>	<b>38.6</b>	<b>D</b>	-		<b>0.82</b>	<b>33.9</b>	<b>C</b>	-		<b>0.92</b>	<b>52.8</b>	<b>D</b>	-		<b>0.92</b>	<b>35.6</b>	<b>D</b>
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>																				
Major Deegan Expressway Northbound Ramp	NB	LTR	1.05	90.9	F	LTR	1.05	79.8	E	LTR	1.04	86.8	F	LTR	1.04	83.6	F			
West Fordham Road	EB	L	0.98	67.5	E	L	1.03	57.6	E	L	1.03	82.1	F	L	0.98	70.8	E			
		T	0.45	12.9	B	T	0.43	9.4	A	T	1.01	55.7	E	T	0.48	13.4	B			
	WB	L	0.91	54.4	D	L	0.45	17.0	B	L	1.02	67.1	E	L	0.93	55.5	E			
		T	0.59	24.3	C	T	0.52	17.1	B	T	1.04	69.4	E	T	0.54	23.6	C			
		R	0.27	11.8	B	R	0.17	11.3	B	R	0.36	13.4	B	R	0.33	11.7	B			
<b>Overall Intersection</b>	-		<b>1.00</b>	<b>42.9</b>	<b>D</b>	-		<b>1.04</b>	<b>33.9</b>	<b>C</b>	-		<b>1.05</b>	<b>65.6</b>	<b>E</b>	-		<b>1.00</b>	<b>41.1</b>	<b>D</b>
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>																				
9th Avenue	NB	LT	0.12	27.4	C	LT	0.13	27.6	C	LT	0.13	27.5	C	LT	0.20	28.6	C			
		R	0.48	17.7	B	R	0.50	18.1	B	R	0.62	21.2	C	R	0.66	22.4	C			
West 207th Street	SB	LTR	0.19	28.4	C	LTR	0.11	27.0	C	LTR	0.25	29.1	C	LTR	0.20	28.4	C			
		EB	LT	0.73	31.6	C	LT	0.88	36.3	D	LT	0.87	35.8	D	LT	1.03	48.7	D		
	WB	R	0.09	22.4	C	R	0.13	22.5	C	R	0.07	22.0	C	R	0.10	22.1	C			
		L	1.05	68.0	E	L	1.00	61.0	E	L	0.99	69.7	E	L	1.05	55.2	E			
		TR	1.05	58.6	E	TR	1.00	44.6	D	TR	0.99	42.5	D	TR	1.04	41.1	D			
		<b>Overall Intersection</b>	-		<b>0.83</b>	<b>49.3</b>	<b>D</b>	-		<b>0.74</b>	<b>41.8</b>	<b>D</b>	-		<b>0.76</b>	<b>41.2</b>	<b>D</b>	-		<b>0.90</b>

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>																	
Grand Concourse (Mainline)	NB	L	0.97	104.0	F	L	0.16	14.8	B	L	0.32	17.4	B	L	0.47	22.0	C
		T	0.29	14.4	B	T	0.29	15.4	B	T	0.56	18.0	B	T	0.23	14.7	B
	SB	L	0.22	13.6	B	L	0.12	14.1	B	L	0.57	27.8	C	L	0.08	13.6	B
		T	0.97	30.3	C	T	0.25	15.0	B	T	0.45	16.4	B	T	0.32	15.8	B
Grand Concourse (Service Road)	NB	TR	0.49	18.2	B	TR	0.55	20.7	C	TR	0.82	29.9	C	TR	0.51	19.7	B
	SB	TR	1.20+	120.0+	F*	TR	0.96	51.0	D	TR	1.12	98.6	F	TR	0.77	30.2	C
East Kingsbridge Road	EB	LTR	0.76	42.8	D	LTR	0.62	35.8	D	LTR	0.71	41.2	D	LTR	0.41	30.4	C
	WB	LTR	0.52	34.7	C	LTR	0.36	29.2	C	LTR	0.44	32.2	C	LTR	0.25	27.3	C
<b>Overall Intersection</b>	-		<b>1.08</b>	<b>54.0</b>	<b>D</b>	-	<b>0.82</b>	<b>28.7</b>	<b>C</b>	-	<b>0.97</b>	<b>37.7</b>	<b>D</b>	-	<b>0.63</b>	<b>21.9</b>	<b>C</b>
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>																	
Creston Avenue	SB	LTR	0.57	36.2	D	LTR	0.37	24.8	C	LTR	0.35	31.1	C	LTR	0.30	23.3	C
East Kingsbridge Road (Ramp)	EB	TR	0.56	19.0	B	TR	0.43	13.7	B	TR	0.49	17.4	B	TR	0.36	12.8	B
	WB	T	0.59	19.2	B	T	0.37	13.2	B	T	0.47	17.3	B	T	0.46	14.3	B
East Kingsbridge Road (Underpass)	EB	T	0.22	13.1	B	T	0.22	10.9	B	T	0.26	13.6	B	T	0.21	10.8	B
	WB	LT	0.60	19.6	B	LT	0.33	12.2	B	LT	0.39	15.5	B	LT	0.27	11.6	B
<b>Overall Intersection</b>	-		<b>0.59</b>	<b>20.2</b>	<b>C</b>	-	<b>0.41</b>	<b>13.7</b>	<b>B</b>	-	<b>0.44</b>	<b>17.1</b>	<b>B</b>	-	<b>0.39</b>	<b>13.5</b>	<b>B</b>
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>																	
Morris Avenue	NB	LTR	0.23	28.1	C	LTR	0.17	21.4	C	LTR	0.18	27.2	C	LTR	0.18	21.5	C
East Kingsbridge Road	EB	LT	0.56	17.5	B	LT	0.50	13.6	B	LT	0.58	17.9	B	LT	0.48	13.2	B
	WB	TR	0.61	19.3	B	TR	0.40	12.7	B	TR	0.48	17.1	B	TR	0.45	13.4	B
<b>Overall Intersection</b>	-		<b>0.46</b>	<b>19.1</b>	<b>B</b>	-	<b>0.37</b>	<b>13.7</b>	<b>B</b>	-	<b>0.42</b>	<b>18.1</b>	<b>B</b>	-	<b>0.36</b>	<b>13.8</b>	<b>B</b>
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.51	25.4	C	LTR	0.77	28.0	C	LTR	0.78	33.9	C	LTR	0.74	27.8	C
	SB	LTR	0.93	46.0	D	LTR	0.84	34.5	C	LTR	0.90	46.3	D	LTR	0.83	32.9	C
Kingsbridge Road	EB	LTR	0.96	52.3	D	LTR	0.70	24.0	C	LTR	0.91	42.9	D	LTR	0.90	37.1	D
	WB	LTR	0.84	35.6	D	LTR	0.60	21.5	C	LTR	0.82	35.6	D	LTR	0.58	20.8	C
<b>Overall Intersection</b>	-		<b>0.94</b>	<b>42.0</b>	<b>D</b>	-	<b>0.77</b>	<b>26.1</b>	<b>C</b>	-	<b>0.91</b>	<b>39.7</b>	<b>D</b>	-	<b>0.87</b>	<b>30.2</b>	<b>C</b>
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>																	
Davidson Avenue	NB	LR	0.37	25.0	C	LR	0.33	25.0	C	LR	0.31	23.8	C	LR	0.42	25.9	C
West Kingsbridge Road	EB	T	0.47	13.7	B	T	0.40	12.9	B	T	0.53	14.5	B	T	0.43	13.2	B
	WB	T	0.58	14.6	B	T	0.41	12.8	B	T	0.47	13.3	B	T	0.41	12.9	B
<b>Overall Intersection</b>	-		<b>0.50</b>	<b>15.1</b>	<b>B</b>	-	<b>0.38</b>	<b>14.0</b>	<b>B</b>	-	<b>0.44</b>	<b>14.6</b>	<b>B</b>	-	<b>0.43</b>	<b>14.6</b>	<b>B</b>

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>																	
Reservoir / Aqueduct Avenue	NB	LR	0.34	30.2	C	LR	0.33	24.0	C	LR	0.60	37.4	D	LR	0.34	24.2	C
	SB	L	0.37	29.6	C	L	0.22	21.7	C	L	0.31	28.8	C	L	0.20	21.6	C
		R	0.69	38.7	D	R	0.45	26.4	C	R	0.61	37.2	D	R	0.71	37.3	D
West Kingsbridge Road	EB	T	0.51	17.0	B	T	0.42	12.8	B	T	0.56	17.7	B	T	0.50	13.5	B
	WB	T	0.42	16.0	B	T	0.35	12.1	B	T	0.35	15.1	B	T	0.35	12.1	B
West Kingsbridge Road (unsignalized)	EB	LT	0.51	23.4	C	LT	0.22	12.3	B	LT	0.47	19.7	C	LT	0.65	35.7	E
	WB	LT	0.08	11.8	B	LT	0.05	8.8	A	LT	0.07	9.6	A	LT	0.07	8.9	A
<b>Overall Intersection</b>	-		<b>0.58</b>	<b>21.9</b>	<b>C</b>	-	<b>0.44</b>	<b>15.1</b>	<b>B</b>	-	<b>0.58</b>	<b>22.0</b>	<b>C</b>	-	<b>0.58</b>	<b>18.9</b>	<b>B</b>
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.71	38.0	D	LTR	0.59	24.1	C	LTR	0.98	51.7	D	LTR	0.41	20.0	C
	SB	LTR	0.64	39.0	D	LTR	0.36	20.9	C	LTR	0.79	48.2	D	LTR	0.87	36.1	D
West Kingsbridge Road	EB	LTR	0.85	25.9	C	LTR	0.67	19.7	B	LTR	0.73	22.2	C	LTR	0.78	22.7	C
	WB	LTR	1.02	58.1	E	LTR	0.93	38.3	D	LTR	0.98	49.3	D	LTR	0.98	47.5	D
<b>Overall Intersection</b>	-		<b>0.90</b>	<b>41.3</b>	<b>D</b>	-	<b>0.78</b>	<b>27.5</b>	<b>C</b>	-	<b>0.98</b>	<b>40.6</b>	<b>D</b>	-	<b>0.93</b>	<b>32.6</b>	<b>C</b>
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>																	
Webb Avenue	NB	L	0.31	34.7	C	L	0.49	33.6	C	L	0.87	67.8	E	L	0.33	29.4	C
		R	0.32	34.1	C	R	0.34	28.6	C	R	0.27	32.4	C	R	0.17	25.9	C
	SB	LTR	0.65	41.4	D	LTR	0.41	29.6	C	LTR	0.52	37.5	D	LTR	0.52	31.9	C
West Kingsbridge Road	EB	TR	0.95	47.8	D	TR	0.77	29.5	C	TR	0.81	35.3	D	TR	0.76	28.6	C
	WB	LT	1.04	47.4	D	LT	0.73	14.0	B	LT	0.84	20.8	C	LT	0.65	12.4	B
<b>Overall Intersection</b>	-		<b>0.91</b>	<b>46.1</b>	<b>D</b>	-	<b>0.73</b>	<b>23.2</b>	<b>C</b>	-	<b>0.83</b>	<b>32.9</b>	<b>C</b>	-	<b>0.73</b>	<b>22.1</b>	<b>C</b>
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LT	0.19	26.9	C	LT	0.11	20.3	C	LT	0.17	26.8	C	LT	0.14	20.7	C
Sedgwick Avenue (unsignalized)	NB	R	0.35	12.1	B	R	0.22	10.5	B	R	0.28	12.7	B	R	0.23	12.3	B
	SB	LTR	1.07	73.9	E	LTR	0.65	30.5	C	LTR	0.81	43.1	D	LTR	0.85	37.2	D
West Kingsbridge Road	EB	L	0.52	26.8	C	L	0.25	13.1	B	L	0.40	20.9	C	L	0.20	12.1	B
		T	0.44	16.2	B	T	0.34	12.0	B	T	0.45	16.5	B	T	0.36	12.2	B
West Kingsbridge Road (unsignalized)	EB	R	0.06	10.7	B	R	0.10	10.4	B	R	0.08	10.9	B	R	0.11	10.8	B
	WB	L	0.58	19.1	B	L	0.34	13.3	B	L	0.63	23.2	C	L	0.49	16.9	B
		TR	0.67	19.3	B	TR	0.58	14.9	B	TR	0.71	20.8	C	TR	0.49	13.7	B
<b>Overall Intersection</b>	-		<b>0.83</b>	<b>27.4</b>	<b>C</b>	-	<b>0.61</b>	<b>15.7</b>	<b>B</b>	-	<b>0.75</b>	<b>22.4</b>	<b>C</b>	-	<b>0.63</b>	<b>17.6</b>	<b>B</b>

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>																	
Bailey Avenue	NB	DefL	0.67	45.0	D	LTR	0.43	24.5	C	LTR	0.80	38.5	D	DefL	0.84	61.8	E
		TR	0.42	30.9	C	-	-	-	-	-	-	-	-	-	TR	0.24	22.1
	SB	DefL	0.85	47.6	D	LTR	0.84	33.5	C	LTR	1.00	52.8	D	LTR	0.81	31.4	C
		TR	0.83	43.5	D	-	-	-	-	-	-	-	-	-	-	-	-
West Kingsbridge Road / West 225th Street	EB	L	0.65	35.1	D	L	0.45	16.8	B	L	0.79	47.8	D	L	0.68	25.3	C
		TR	0.36	15.7	B	TR	0.23	11.0	B	TR	0.29	14.8	B	TR	0.36	12.1	B
	WB	L	0.19	14.5	B	L	0.12	10.4	B	L	0.09	13.1	B	L	0.06	10.0	B
		TR	0.62	19.5	B	TR	0.45	13.1	B	TR	0.65	20.2	C	TR	0.44	13.1	B
<b>Overall Intersection</b>	-	<b>0.73</b>	<b>27.2</b>	<b>C</b>	-	<b>0.60</b>	<b>19.7</b>	<b>B</b>	-	<b>0.87</b>	<b>31.6</b>	<b>C</b>	-	<b>0.74</b>	<b>21.7</b>	<b>C</b>	
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>																	
Reservoir Avenue	NB	LTR	0.37	12.7	B	LTR	0.26	11.6	B	LTR	0.36	12.6	B	LTR	0.27	11.7	B
	SB	DefL	0.67	21.3	C	LTR	0.40	13.0	B	LTR	0.55	15.2	B	LTR	0.39	12.9	B
		TR	0.68	18.7	B	-	-	-	-	-	-	-	-	-	-	-	-
West 195th Street	WB	LTR	0.91	47.4	D	LTR	0.50	26.3	C	LTR	0.88	42.3	D	LTR	0.53	27.1	C
<b>Overall Intersection</b>	-	<b>0.77</b>	<b>24.0</b>	<b>C</b>	-	<b>0.44</b>	<b>15.5</b>	<b>B</b>	-	<b>0.68</b>	<b>21.5</b>	<b>C</b>	-	<b>0.44</b>	<b>15.9</b>	<b>B</b>	
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>																	
Jerome Avenue	NB	LT	0.75	25.0	C	LT	0.52	14.8	B	LT	0.80	25.3	C	LT	0.50	14.3	B
	SB	TR	0.69	21.0	C	TR	0.77	22.6	C	TR	0.74	22.8	C	TR	0.67	18.0	B
West 195th Street	EB	LR	0.90	60.1	E	LR	0.35	24.0	C	LR	0.60	39.3	D	LR	0.40	24.7	C
<b>Overall Intersection</b>	-	<b>0.81</b>	<b>34.4</b>	<b>C</b>	-	<b>0.60</b>	<b>20.0</b>	<b>B</b>	-	<b>0.73</b>	<b>27.3</b>	<b>C</b>	-	<b>0.57</b>	<b>18.0</b>	<b>B</b>	
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>																	
East Kingsbridge Road / Elm Place	SB	L	0.76	55.0	E	L	0.31	27.0	C	L	0.55	47.3	D	L	0.21	39.9	D
		LT	0.82	58.5	E	LT	0.23	25.7	C	LT	0.54	47.4	D	LT	0.22	40.0	D
East Fordham Road	EB	LT	0.46	9.5	A	LT	0.56	14.1	B	LT	0.51	10.9	B	LT	0.37	9.0	A
		R	0.07	6.3	A	R	0.26	12.4	B	R	0.14	7.7	A	R	0.10	7.3	A
	WB	T	0.54	9.9	A	T	0.58	13.8	B	T	0.57	11.3	B	T	0.46	9.9	A
		R	0.48	11.8	B	R	0.56	15.8	B	R	0.58	14.5	B	R	0.45	12.4	B
<b>Overall Intersection</b>	-	<b>0.60</b>	<b>18.6</b>	<b>B</b>	-	<b>0.49</b>	<b>15.4</b>	<b>B</b>	-	<b>0.57</b>	<b>16.1</b>	<b>B</b>	-	<b>0.40</b>	<b>12.1</b>	<b>B</b>	

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>																	
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.20	41.4	D	TR	0.16	25.1	C	TR	0.32	42.1	D	TR	0.26	41.9	D
East Fordham Road	EB	T	0.30	6.9	A	T	0.40	10.1	B	T	0.39	8.4	A	T	0.32	7.7	A
		R	0.02	5.3	A	R	0.11	8.4	A	R	0.07	6.3	A	R	0.27	8.9	A
	WB	LT	0.76	14.3	B	LT	0.65	13.6	B	LT	0.67	12.3	B	LT	0.62	11.7	B
<b>Overall Intersection</b>	-		<b>0.64</b>	<b>12.4</b>	<b>B</b>	-	<b>0.49</b>	<b>12.4</b>	<b>B</b>	-	<b>0.58</b>	<b>11.8</b>	<b>B</b>	-	<b>0.53</b>	<b>10.8</b>	<b>B</b>
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.81	52.0	D	LTR	0.99	51.5	D	LTR	1.10	97.2	F	LTR	1.08	81.4	F
	SB	LTR	0.77	44.9	D	LTR	0.94	59.7	E	LTR	1.11	110.6	F	LTR	1.09	105.6	F
Fordham Road	EB	LT	0.88	26.3	C	LT	0.72	15.5	B	LT	0.71	13.7	B	LT	0.77	20.3	C
Fordham Road (unsignalized)	EB	R	0.29	17.3	C	R	0.33	22.0	C	R	0.76	82.4	F	R	0.92	107.1	F
	WB	LT	0.84	20.4	C	LT	0.55	12.1	B	LT	0.55	10.8	B	LT	0.67	17.9	B
		R	0.14	9.1	A	R	0.27	10.1	B	R	0.24	8.5	A	R	0.43	15.6	B
<b>Overall Intersection</b>	-		<b>0.86</b>	<b>27.0</b>	<b>C</b>	-	<b>0.81</b>	<b>24.2</b>	<b>C</b>	-	<b>0.81</b>	<b>35.4</b>	<b>D</b>	-	<b>0.87</b>	<b>42.6</b>	<b>D</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.90	47.4	D	LTR	0.79	30.4	C	LTR	1.05	65.8	E	LTR	1.10	89.2	F
	SB	LTR	0.77	39.4	D	LTR	0.66	26.9	C	DefL	1.09	120.0+	F*	LTR	0.81	41.0	D
West Fordham Road		-	-	-	-	-	-	-	-	TR	1.00	70.5	E	-	-	-	-
	EB	LT	0.92	47.2	D	LT	1.10	93.9	F	LT	1.05	83.1	F	LT	1.12	104.0	F
		R	0.21	24.0	C	R	0.28	26.2	C	R	0.33	29.3	C	R	0.39	30.5	C
	WB	L	0.64	34.9	C	L	0.70	32.7	C	L	0.65	28.4	C	L	0.48	24.7	C
		T	0.53	20.5	C	T	0.53	19.3	B	T	0.53	20.9	C	T	0.53	20.9	C
		R	0.22	16.8	B	R	0.31	18.1	B	R	0.25	17.3	B	R	0.19	16.6	B
	<b>Overall Intersection</b>	-		<b>0.90</b>	<b>36.4</b>	<b>D</b>	-	<b>0.92</b>	<b>43.4</b>	<b>D</b>	-	<b>1.05</b>	<b>56.5</b>	<b>E</b>	-	<b>1.08</b>	<b>61.2</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>																	
Jerome Avenue	NB	TR	0.65	20.9	C	TR	0.59	17.2	B	TR	0.65	21.5	C	TR	0.62	17.7	B
	SB	LT	0.59	20.4	C	LT	0.59	16.7	B	LT	0.67	22.6	C	LT	0.62	17.3	B
East 196th Street	WB	LR	0.40	31.6	C	LR	0.30	23.6	C	LR	0.47	33.3	C	LR	0.44	26.0	C
<b>Overall Intersection</b>	-		<b>0.55</b>	<b>22.4</b>	<b>C</b>	-	<b>0.48</b>	<b>17.8</b>	<b>B</b>	-	<b>0.59</b>	<b>24.2</b>	<b>C</b>	-	<b>0.55</b>	<b>19.0</b>	<b>B</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>																	
Grand Concourse (Mainline)	NB	L	0.78	82.8	F	L	0.14	14.5	B	L	0.32	17.0	B	L	0.17	14.9	B
		T	0.43	16.2	B	T	0.34	16.0	B	T	0.52	17.5	B	T	0.21	14.5	B
	SB	L	0.12	12.9	B	L	0.05	13.3	B	L	0.22	15.6	B	L	0.07	13.4	B
		T	0.92	27.4	C	T	0.25	14.9	B	T	0.42	16.0	B	T	0.26	15.1	B
Grand Concourse (Service Road)	NB	TR	0.71	25.6	C	TR	0.68	25.2	C	TR	1.02	64.2	E	TR	0.67	24.9	C
	SB	T	0.85	31.8	C	T	0.63	22.9	C	T	0.73	24.9	C	T	0.49	19.1	B
		R	0.13	13.0	B	R	0.09	13.6	B	R	0.10	12.7	B	R	0.06	13.2	B
East 196th Street	EB	LTR	0.85	63.3	E	LTR	0.32	29.8	C	LTR	0.61	40.3	D	LTR	0.47	33.7	C
	WB	LTR	0.89	53.7	D	LTR	0.44	32.7	C	LTR	0.83	50.1	D	LTR	0.72	41.4	D
<b>Overall Intersection</b>	-		<b>0.92</b>	<b>29.8</b>	<b>C</b>	-	<b>0.58</b>	<b>20.7</b>	<b>C</b>	-	<b>0.94</b>	<b>30.4</b>	<b>C</b>	-	<b>0.69</b>	<b>22.0</b>	<b>C</b>

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>																	
East 194th Street / Valentine Avenue	NB	L	0.86	67.4	E	L	0.76	46.1	D	L	0.93	77.2	E	L	0.79	49.6	D
		LT	0.89	72.0	E	LT	0.70	42.5	D	LT	0.96	85.5	F	LT	0.70	43.5	D
	SB	L	0.15	30.9	C	L	0.14	24.4	C	L	0.15	30.8	C	L	0.20	25.0	C
		T	0.27	39.9	D	T	0.24	30.6	C	T	0.25	39.3	D	T	0.35	32.3	C
East Kingsbridge Road (Underpass)		R	0.83	71.8	E	R	0.74	50.9	D	R	0.57	49.3	D	R	0.32	32.6	C
	EB	L	0.35	36.7	D	L	0.58	35.5	D	L	0.39	36.8	D	L	0.36	30.0	C
		T	0.72	48.8	D	T	0.60	35.7	D	T	0.60	41.9	D	T	0.67	38.8	D
East Kingsbridge Road (Service Road)		T	0.59	41.7	D	T	0.48	32.2	C	T	0.63	42.8	D	T	0.38	30.1	C
<b>Overall Intersection</b>	-	<b>0.57</b>	<b>55.0</b>	<b>E</b>	-	<b>0.48</b>	<b>39.0</b>	<b>D</b>	-	<b>0.56</b>	<b>55.3</b>	<b>E</b>	-	<b>0.54</b>	<b>37.4</b>	<b>D</b>	
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>																	
Goulden Avenue / Reservoir Avenue	NB	DefL	0.31	13.1	B	DefL	0.23	11.6	B	DefL	0.32	13.1	B	DefL	0.15	8.5	A
		T	0.37	8.9	A	T	0.29	8.0	A	T	0.30	8.0	A	T	0.16	6.9	A
	SB	T	0.59	26.4	C	T	0.57	26.0	C	T	0.58	26.1	C	T	0.38	22.9	C
Reservoir Avenue	SB	T	0.84	45.2	D	T	0.39	33.9	C	T	0.58	37.6	D	T	0.41	33.9	C
Strong Street	EB	LR	0.70	41.1	D	LR	0.29	30.3	C	LR	0.33	31.1	C	LR	0.19	28.6	C
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>27.1</b>	<b>C</b>	-	<b>0.66</b>	<b>21.1</b>	<b>C</b>	-	<b>0.78</b>	<b>22.2</b>	<b>C</b>	-	<b>0.38</b>	<b>20.2</b>	<b>C</b>	
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>																	
Webster Avenue	NB	L	0.82	67.3	E	L	0.61	27.4	C	L	0.85	45.7	D	L	1.04	99.4	F
		TR	0.76	51.4	D	TR	0.88	44.0	D	TR	1.06	78.6	E	TR	1.00	77.3	E
	SB	L	1.04	76.0	E	L	0.68	38.3	D	L	0.87	73.2	E	L	0.72	49.2	D
		TR	1.05	76.1	E	TR	0.73	38.5	D	TR	0.74	49.9	D	TR	0.87	55.9	E
East Fordham Road	EB	L	0.62	32.8	C	L	0.50	20.7	C	L	0.55	29.9	C	L	0.32	16.2	B
		T	0.59	23.3	C	T	0.57	22.1	C	T	0.67	25.9	C	T	0.47	21.8	C
		R	0.16	17.4	B	R	0.40	21.9	C	R	0.20	18.7	B	R	0.21	19.1	B
	WB	L	0.80	37.0	D	L	0.47	15.2	B	L	0.47	16.7	B	L	0.29	13.7	B
		T	0.86	29.5	C	T	0.75	24.9	C	T	0.85	29.9	C	T	0.57	23.3	C
		R	0.56	23.1	C	R	0.60	24.9	C	R	0.39	20.6	C	R	0.43	22.5	C
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>40.3</b>	<b>D</b>	-	<b>0.84</b>	<b>28.6</b>	<b>C</b>	-	<b>0.93</b>	<b>39.3</b>	<b>D</b>	-	<b>0.78</b>	<b>39.9</b>	<b>D</b>	
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LTR	1.01	71.2	E	LTR	0.80	37.9	D	LTR	1.20+	120.0+	F*	LTR	0.91	53.0	D
	SB	L	0.47	35.6	D	L	0.35	25.4	C	L	0.86	59.9	E	L	0.22	29.3	C
		T	0.78	44.2	D	T	0.44	25.6	C	T	0.83	47.2	D	T	0.36	31.0	C
Sedgwick Avenue (unsignalized)	SB	R	0.75	23.3	C	R	0.40	12.3	B	R	0.64	18.9	C	R	0.68	19.9	C
	EB	L	0.69	23.7	C	L	0.91	55.8	E	L	0.92	44.5	D	L	0.93	54.0	D
West Fordham Road		TR	0.66	19.6	B	TR	0.60	15.4	B	TR	0.67	17.1	B	TR	0.60	18.4	B
	WB	LT	0.77	33.1	C	LT	0.78	26.5	C	LT	1.01	50.9	D	LT	0.81	32.6	C
		R	0.44	26.1	C	R	0.22	18.3	B	R	0.34	23.1	C	R	0.22	22.2	C
<b>Overall Intersection</b>	-	<b>0.89</b>	<b>31.0</b>	<b>C</b>	-	<b>0.83</b>	<b>24.9</b>	<b>C</b>	-	<b>1.19</b>	<b>56.2</b>	<b>E</b>	-	<b>0.88</b>	<b>29.8</b>	<b>C</b>	

**TABLE B-2  
KINGSBRIDGE ARMORY FEIS  
2013 NO BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>																	
Major Deegan Expressway Southbound Ramp	SB	LTR	1.04	95.3	F	LTR	0.99	67.0	E	LTR	1.08	105.5	F	LTR	0.88	61.0	E
West Fordham Road	EB	L	0.84	58.9	E	L	0.95	58.7	E	L	1.06	105.0	F	L	0.86	60.2	E
		T	0.74	38.4	D	T	0.99	57.3	E	T	1.07	84.3	F	T	1.01	60.8	E
	WB	R	0.44	30.5	C	R	0.63	30.3	C	R	0.22	21.9	C	R	0.64	32.0	C
		L	0.86	49.3	D	L	0.55	23.5	C	L	0.82	52.6	D	L	0.86	48.8	D
		T	0.63	12.7	B	T	0.63	11.2	B	T	0.49	9.8	A	T	0.55	10.4	B
<b>Overall Intersection</b>	-		<b>0.79</b>	<b>41.3</b>	<b>D</b>	-	<b>0.85</b>	<b>36.8</b>	<b>D</b>	-	<b>0.96</b>	<b>59.2</b>	<b>E</b>	-	<b>0.95</b>	<b>38.7</b>	<b>D</b>
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>																	
Major Deegan Expressway Northbound Ramp	NB	LTR	1.08	99.4	F	LTR	1.07	88.0	F	LTR	1.07	95.5	F	LTR	1.06	91.3	F
West Fordham Road	EB	L	1.03	83.7	F	L	1.08	75.7	E	L	1.09	101.0	F	L	1.05	90.7	F
		T	0.46	13.0	B	T	0.44	9.5	A	T	1.04	65.6	E	T	0.50	13.6	B
	WB	L	0.94	57.8	E	L	0.47	17.2	B	L	1.05	75.5	E	L	0.96	59.4	E
		T	0.61	24.7	C	T	0.53	17.3	B	T	1.08	83.2	F	T	0.56	23.9	C
		R	0.28	12.0	B	R	0.18	11.4	B	R	0.37	13.7	B	R	0.34	11.8	B
<b>Overall Intersection</b>	-		<b>1.06</b>	<b>46.6</b>	<b>D</b>	-	<b>1.09</b>	<b>37.8</b>	<b>D</b>	-	<b>1.11</b>	<b>75.9</b>	<b>E</b>	-	<b>1.06</b>	<b>44.6</b>	<b>D</b>
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>																	
9th Avenue	NB	LT	0.12	27.4	C	LT	0.13	27.6	C	LT	0.13	27.5	C	LT	0.21	28.7	C
		R	0.49	18.0	B	R	0.52	18.4	B	R	0.64	21.7	C	R	0.68	23.1	C
West 207th Street	SB	LTR	0.20	28.5	C	LTR	0.11	27.0	C	LTR	0.26	29.3	C	LTR	0.20	28.4	C
		EB	LT	0.75	32.3	C	LT	0.91	38.2	D	LT	0.90	38.0	D	LT	1.06	62.3
	WB	R	0.10	22.4	C	R	0.13	22.6	C	R	0.07	22.0	C	R	0.10	22.1	C
		L	1.09	84.2	F	L	1.04	72.8	E	L	1.04	81.5	F	L	1.10	77.5	E
		TR	1.08	66.9	E	TR	1.02	51.1	D	TR	1.02	49.0	D	TR	1.07	52.0	D
<b>Overall Intersection</b>	-		<b>0.85</b>	<b>56.7</b>	<b>E</b>	-	<b>0.75</b>	<b>47.3</b>	<b>D</b>	-	<b>0.79</b>	<b>46.4</b>	<b>D</b>	-	<b>0.94</b>	<b>54.6</b>	<b>D</b>

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.



**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>																	
Grand Concourse (Mainline)	NB	L	1.06	120.0+	F*	L	0.23	16.1	B	L	0.42	20.1	C	L	0.57	25.7	C
		T	0.29	14.4	B	T	0.29	15.4	B	T	0.56	18.0	B	T	0.23	14.7	B
	SB	L	0.22	13.6	B	L	0.12	14.1	B	L	0.57	27.8	C	L	0.08	13.6	B
		T	0.97	30.3	C	T	0.25	15.0	B	T	0.45	16.4	B	T	0.33	15.8	B
Grand Concourse (Service Road)	NB	TR	0.49	18.2	B	TR	0.55	20.7	C	TR	0.82	29.9	C	TR	0.51	19.7	B
	SB	TR	1.20+	120.0+	F*	TR	1.04	72.2	E	TR	1.20	120.0+	F*	TR	0.86	38.0	D
East Kingsbridge Road	EB	LTR	0.80	45.0	D	LTR	0.71	39.7	D	LTR	0.85	51.2	D	LTR	0.51	32.6	C
	WB	LTR	0.53	34.8	C	LTR	0.36	29.4	C	LTR	0.45	32.4	C	LTR	0.25	27.3	C
<b>Overall Intersection</b>	<b>-</b>	<b>1.11</b>	<b>57.7</b>	<b>E</b>	<b>-</b>	<b>0.90</b>	<b>34.9</b>	<b>C</b>	<b>-</b>	<b>1.07</b>	<b>45.3</b>	<b>D</b>	<b>-</b>	<b>0.72</b>	<b>24.3</b>	<b>C</b>	
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>																	
Creston Avenue	SB	LTR	0.57	36.2	D	LTR	0.37	24.8	C	LTR	0.35	31.1	C	LTR	0.30	23.3	C
East Kingsbridge Road (Ramp)	EB	TR	0.58	19.4	B	TR	0.48	14.4	B	TR	0.56	18.7	B	TR	0.41	13.5	B
	WB	T	0.62	20.0	C	T	0.46	14.5	B	T	0.54	18.9	B	T	0.55	16.1	B
East Kingsbridge Road (Underpass)	EB	T	0.23	13.2	B	T	0.26	11.2	B	T	0.32	14.2	B	T	0.27	11.3	B
	WB	LT	0.65	20.7	C	LT	0.41	13.2	B	LT	0.46	16.8	B	LT	0.38	12.9	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.62</b>	<b>20.7</b>	<b>C</b>	<b>-</b>	<b>0.44</b>	<b>14.3</b>	<b>B</b>	<b>-</b>	<b>0.48</b>	<b>18.0</b>	<b>B</b>	<b>-</b>	<b>0.46</b>	<b>14.3</b>	<b>B</b>	
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>																	
Morris Avenue	NB	LTR	0.23	28.1	C	LTR	0.17	21.4	C	LTR	0.18	27.2	C	LTR	0.18	21.5	C
East Kingsbridge Road	EB	LT	0.58	17.9	B	LT	0.57	14.6	B	LT	0.68	19.7	B	LT	0.58	14.6	B
	WB	TR	0.64	20.1	C	TR	0.49	13.8	B	TR	0.56	18.5	B	TR	0.57	15.1	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.48</b>	<b>19.6</b>	<b>B</b>	<b>-</b>	<b>0.42</b>	<b>14.6</b>	<b>B</b>	<b>-</b>	<b>0.48</b>	<b>19.5</b>	<b>B</b>	<b>-</b>	<b>0.43</b>	<b>15.2</b>	<b>B</b>	
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.55	26.2	C	LTR	0.87	35.6	D	LTR	0.83	37.3	D	LTR	0.88	38.4	D
	SB	LTR	0.95	50.5	D	LTR	0.91	44.0	D	LTR	0.95	54.0	D	LTR	1.17	115.7	F
Kingsbridge Road	EB	LTR	1.02	68.8	E	LTR	0.88	33.9	C	LTR	1.13	103.7	F	LTR	1.20	120.0+	F*
	WB	LTR	0.90	41.0	D	LTR	0.75	25.9	C	LTR	1.01	65.0	E	LTR	0.77	26.4	C
<b>Overall Intersection</b>	<b>-</b>	<b>0.99</b>	<b>50.2</b>	<b>D</b>	<b>-</b>	<b>0.90</b>	<b>33.6</b>	<b>C</b>	<b>-</b>	<b>1.04</b>	<b>72.8</b>	<b>E</b>	<b>-</b>	<b>1.18</b>	<b>81.1</b>	<b>F</b>	
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>																	
Davidson Avenue	NB	LR	0.42	26.2	C	LR	0.44	27.5	C	LR	0.41	25.7	C	LR	0.59	30.5	C
West Kingsbridge Road	EB	T	0.49	14.0	B	T	0.48	13.8	B	T	0.62	16.0	B	T	0.49	14.0	B
	WB	T	0.62	15.1	B	T	0.51	13.9	B	T	0.56	14.4	B	T	0.52	14.2	B
<b>Overall Intersection</b>	<b>-</b>	<b>0.55</b>	<b>15.7</b>	<b>B</b>	<b>-</b>	<b>0.48</b>	<b>15.2</b>	<b>B</b>	<b>-</b>	<b>0.54</b>	<b>16.1</b>	<b>B</b>	<b>-</b>	<b>0.55</b>	<b>16.2</b>	<b>B</b>	

**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>																	
Aqueduct Avenue	NB	R	0.27	31.0	C	R	0.31	26.5	C	R	0.55	40.0	D	R	0.51	35.5	D
Reservoir Avenue	SB	L	0.48	33.9	C	L	0.52	29.1	C	L	0.76	44.6	D	L	0.52	31.4	C
		R	0.52	20.1	C	R	0.52	16.4	B	R	0.63	19.3	B	R	0.69	16.9	B
West Kingsbridge Road	EB	L	0.77	24.3	C	L	0.92	41.7	D	L	0.92	43.1	D	L	0.92	39.6	D
		T	0.73	21.1	C	T	0.61	14.9	B	T	0.74	20.4	C	T	0.66	13.9	B
	WB	TR	0.72	34.5	C	TR	0.77	30.1	C	TR	0.83	44.0	D	TR	0.89	42.7	D
West Kingsbridge Road (unsignalized)		LT	0.04	8.7	A	LT	0.06	8.7	A	LT	0.10	10.0	B	LT	0.10	9.2	A
<b>Overall Intersection</b>	-		<b>0.68</b>	<b>28.5</b>	<b>C</b>	-	<b>0.71</b>	<b>25.9</b>	<b>C</b>	-	<b>0.85</b>	<b>34.4</b>	<b>C</b>	-	<b>0.87</b>	<b>29.8</b>	<b>C</b>
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.84	45.1	D	LTR	0.78	29.9	C	LTR	1.20+	120.0+	F*	LTR	0.67	24.2	C
	SB	LTR	0.69	41.8	D	LTR	0.37	21.2	C	LTR	0.94	71.3	E	LTR	1.15	111.0	F
West Kingsbridge Road	EB	LTR	0.87	26.9	C	LTR	0.75	21.7	C	LTR	0.79	24.0	C	LTR	0.99	43.3	D
	WB	LTR	1.13	96.4	F	LTR	1.20+	120.0+	F*	DefL	1.20+	120.0+	F*	LTR	1.20+	120.0+	F*
		-	-	-	-	-	-	-	-	TR	1.20+	120.0+	F*	-	-	-	-
<b>Overall Intersection</b>	-		<b>1.01</b>	<b>57.0</b>	<b>E</b>	-	<b>1.07</b>	<b>78.7</b>	<b>E</b>	-	<b>1.20+</b>	<b>104.6</b>	<b>F</b>	-	<b>1.20+</b>	<b>111.3</b>	<b>F</b>
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>																	
Webb Avenue	NB	L	0.31	34.7	C	L	0.49	33.6	C	L	0.87	67.8	E	L	0.34	30.0	C
		R	0.32	34.1	C	R	0.34	28.6	C	R	0.27	32.4	C	R	0.17	25.9	C
	SB	LTR	0.65	41.4	D	LTR	0.41	29.6	C	LTR	0.52	37.5	D	LTR	0.58	33.6	C
West Kingsbridge Road	EB	TR	0.97	51.6	D	TR	0.86	34.3	C	TR	0.88	40.0	D	TR	0.88	35.1	D
	WB	LT	1.06	57.6	E	LT	0.82	16.6	B	LT	0.95	27.1	C	LT	0.78	15.1	B
<b>Overall Intersection</b>	-		<b>0.93</b>	<b>52.0</b>	<b>D</b>	-	<b>0.77</b>	<b>26.1</b>	<b>C</b>	-	<b>0.92</b>	<b>37.0</b>	<b>D</b>	-	<b>0.80</b>	<b>26.1</b>	<b>C</b>
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LT	0.19	26.9	C	LT	0.11	20.3	C	LT	0.17	26.8	C	LT	0.14	20.7	C
Sedgwick Avenue (unsignalized)		R	0.37	12.4	B	R	0.28	11.0	B	R	0.36	13.7	B	R	0.34	13.5	B
	SB	LTR	1.07	74.8	E	LTR	0.67	31.2	C	LTR	0.83	44.4	D	LTR	0.87	38.8	D
West Kingsbridge Road	EB	L	0.53	27.5	C	L	0.26	13.5	B	L	0.43	22.4	C	L	0.21	12.4	B
		T	0.45	16.4	B	T	0.37	12.3	B	T	0.48	16.9	B	T	0.39	12.6	B
West Kingsbridge Road (unsignalized)		R	0.06	10.8	B	R	0.10	10.6	B	R	0.09	11.2	B	R	0.12	11.3	B
	WB	L	0.61	19.8	B	L	0.45	15.3	B	L	0.81	34.0	C	L	0.69	24.6	C
		TR	0.68	19.5	B	TR	0.62	15.4	B	TR	0.74	21.6	C	TR	0.52	14.1	B
<b>Overall Intersection</b>	-		<b>0.83</b>	<b>27.6</b>	<b>C</b>	-	<b>0.63</b>	<b>16.1</b>	<b>B</b>	-	<b>0.82</b>	<b>23.6</b>	<b>C</b>	-	<b>0.76</b>	<b>18.5</b>	<b>B</b>

**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>																	
Bailey Avenue	NB	DefL	0.67	45.0	D	LTR	0.44	24.7	C	LTR	0.81	39.0	D	DefL	0.96	88.6	F
		TR	0.42	30.9	C	-	-	-	-	-	-	-	-	TR	0.25	22.2	C
	SB	DefL	0.89	51.6	D	LTR	0.90	38.1	D	LTR	1.04	66.5	E	LTR	0.88	35.3	D
		TR	0.83	43.5	D	-	-	-	-	-	-	-	-	-	-	-	-
West Kingsbridge Road / West 225th Street	EB	L	0.66	36.3	D	L	0.47	17.7	B	L	0.84	56.9	E	L	0.72	28.8	C
		TR	0.37	15.7	B	TR	0.24	11.0	B	TR	0.30	14.9	B	TR	0.37	12.2	B
	WB	L	0.19	14.5	B	L	0.12	10.4	B	L	0.09	13.1	B	L	0.07	10.0	B
		TR	0.62	19.7	B	TR	0.48	13.4	B	TR	0.67	20.8	C	TR	0.47	13.5	B
<b>Overall Intersection</b>	-	<b>0.75</b>	<b>27.8</b>	<b>C</b>	-	<b>0.64</b>	<b>21.1</b>	<b>C</b>	-	<b>0.92</b>	<b>35.3</b>	<b>D</b>	-	<b>0.81</b>	<b>24.7</b>	<b>C</b>	
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>																	
Reservoir Avenue	NB	LTR	0.41	14.7	B	LTR	0.37	13.0	B	LTR	0.53	16.5	B	LTR	0.60	16.9	B
	SB	DefL	0.75	27.8	C	LTR	0.46	14.2	B	LTR	0.69	20.0	B	LTR	0.58	16.3	B
		TR	0.75	22.7	C	-	-	-	-	-	-	-	-	-	-	-	-
West 195th Street	WB	LTR	0.86	38.3	D	LTR	0.65	29.2	C	LTR	0.93	44.8	D	LTR	0.68	30.0	C
<b>Overall Intersection</b>	-	<b>0.80</b>	<b>24.8</b>	<b>C</b>	-	<b>0.54</b>	<b>17.3</b>	<b>B</b>	-	<b>0.79</b>	<b>25.1</b>	<b>C</b>	-	<b>0.63</b>	<b>19.6</b>	<b>B</b>	
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>																	
Jerome Avenue	NB	LT	0.88	40.4	D	LT	0.56	15.6	B	LT	0.90	34.7	D	LT	0.58	14.8	B
	SB	TR	0.80	29.3	C	TR	0.93	36.9	D	TR	0.91	37.4	D	TR	0.96	38.8	D
West 195th Street	EB	LR	0.92	60.0	E	LR	0.51	27.7	C	LR	0.74	44.6	D	LR	0.74	37.7	D
<b>Overall Intersection</b>	-	<b>0.90</b>	<b>42.2</b>	<b>D</b>	-	<b>0.77</b>	<b>28.2</b>	<b>C</b>	-	<b>0.85</b>	<b>38.4</b>	<b>D</b>	-	<b>0.88</b>	<b>31.5</b>	<b>C</b>	
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>																	
East Kingsbridge Road / Elm Place	SB	L	0.80	57.4	E	L	0.42	29.0	C	L	0.71	54.5	D	L	0.38	43.4	D
		LT	0.84	60.5	E	LT	0.29	26.6	C	LT	0.64	50.9	D	LT	0.31	41.8	D
East Fordham Road	EB	LT	0.46	9.5	A	LT	0.56	14.2	B	LT	0.52	10.9	B	LT	0.38	9.1	A
		R	0.07	6.3	A	R	0.26	12.4	B	R	0.14	7.7	A	R	0.10	7.3	A
	WB	T	0.54	9.9	A	T	0.58	13.8	B	T	0.57	11.3	B	T	0.47	10.0	B
		R	0.51	12.3	B	R	0.69	19.2	B	R	0.67	17.0	B	R	0.58	15.0	B
<b>Overall Intersection</b>	-	<b>0.60</b>	<b>19.3</b>	<b>B</b>	-	<b>0.53</b>	<b>16.6</b>	<b>B</b>	-	<b>0.61</b>	<b>18.2</b>	<b>B</b>	-	<b>0.45</b>	<b>14.0</b>	<b>B</b>	

**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>																	
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.20	41.4	D	TR	0.16	25.1	C	TR	0.32	42.1	D	TR	0.26	41.9	D
East Fordham Road	EB	T	0.30	6.9	A	T	0.40	10.1	B	T	0.39	8.4	A	T	0.34	7.8	A
		R	0.02	5.3	A	R	0.11	8.4	A	R	0.07	6.3	A	R	0.27	8.9	A
	WB	LT	0.77	14.3	B	LT	0.65	13.6	B	LT	0.67	12.3	B	LT	0.63	12.0	B
<b>Overall Intersection</b>	-		<b>0.64</b>	<b>12.4</b>	<b>B</b>	-	<b>0.49</b>	<b>12.4</b>	<b>B</b>	-	<b>0.58</b>	<b>11.8</b>	<b>B</b>	-	<b>0.54</b>	<b>10.9</b>	<b>B</b>
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>																	
Jerome Avenue	NB	LTR	0.84	54.2	D	LTR	1.05	66.3	E	LTR	1.15	117.7	F	LTR	1.17	119.6	F
	SB	LTR	0.81	47.2	D	LTR	1.03	82.2	F	LTR	1.19	120.0+	F*	LTR	1.20+	120.0+	F*
Fordham Road	EB	LT	0.89	27.6	C	LT	0.73	16.0	B	LT	0.71	13.7	B	LT	0.79	21.3	C
		R	0.29	17.4	C	R	0.33	22.1	C	R	0.76	83.7	F	R	0.93	108.9	F
Fordham Road (unsignalized)	WB	LT	0.84	20.5	C	LT	0.55	12.1	B	LT	0.55	10.8	B	LT	0.67	18.0	B
		R	0.14	9.2	A	R	0.27	10.2	B	R	0.24	8.5	A	R	0.47	16.6	B
<b>Overall Intersection</b>	-		<b>0.88</b>	<b>28.1</b>	<b>C</b>	-	<b>0.83</b>	<b>29.7</b>	<b>C</b>	-	<b>0.84</b>	<b>42.9</b>	<b>D</b>	-	<b>0.98</b>	<b>66.1</b>	<b>E</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>																	
University Avenue	NB	LTR	0.95	53.3	D	LTR	0.91	39.0	D	LTR	1.20+	120.0+	F*	LTR	1.20+	120.0+	F*
	SB	LTR	0.82	41.6	D	LTR	0.80	32.4	C	LTR	1.20+	120.0+	F*	LTR	1.09	94.9	F
West Fordham Road	EB	LT	0.97	56.3	E	LT	1.20+	120.0+	F*	LT	1.17	120.0+	F*	LT	1.20+	120.0+	F*
		R	0.21	24.0	C	R	0.28	26.2	C	R	0.33	29.3	C	R	0.40	30.8	C
	WB	L	0.66	36.1	D	L	0.78	40.8	D	L	0.68	30.3	C	L	0.53	26.9	C
	T	0.54	20.5	C	T	0.53	19.3	B	T	0.54	20.9	C	T	0.54	21.1	C	
	R	0.22	16.8	B	R	0.31	18.1	B	R	0.25	17.3	B	R	0.19	16.6	B	
<b>Overall Intersection</b>	-		<b>0.96</b>	<b>40.6</b>	<b>D</b>	-	<b>1.08</b>	<b>74.2</b>	<b>E</b>	-	<b>1.20+</b>	<b>115.3</b>	<b>F</b>	-	<b>1.20+</b>	<b>120.0+</b>	<b>F*</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>																	
Jerome Avenue	NB	TR	0.66	21.4	C	TR	0.67	19.4	B	TR	0.74	24.8	C	TR	0.79	24.4	C
	SB	LT	0.61	21.0	C	LT	0.65	18.5	B	LT	0.76	26.1	C	LT	0.85	27.8	C
East 196th Street	WB	LR	0.41	31.9	C	LR	0.35	24.6	C	LR	0.52	34.8	C	LR	0.54	28.3	C
<b>Overall Intersection</b>	-		<b>0.56</b>	<b>22.9</b>	<b>C</b>	-	<b>0.55</b>	<b>19.7</b>	<b>B</b>	-	<b>0.66</b>	<b>27.2</b>	<b>C</b>	-	<b>0.73</b>	<b>26.5</b>	<b>C</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>																	
Grand Concourse (Mainline)	NB	L	0.78	82.8	F	L	0.14	14.5	B	L	0.32	17.0	B	L	0.18	15.0	B
		T	0.44	16.3	B	T	0.36	16.2	B	T	0.54	17.8	B	T	0.22	14.6	B
	SB	L	0.13	13.0	B	L	0.05	13.3	B	L	0.22	15.6	B	L	0.19	15.1	B
		T	0.92	27.4	C	T	0.25	14.9	B	T	0.42	16.0	B	T	0.27	15.1	B
Grand Concourse (Service Road)	NB	TR	0.75	27.8	C	TR	0.68	25.2	C	TR	1.02	64.2	E	TR	0.67	24.9	C
	SB	T	0.85	31.8	C	T	0.68	24.4	C	T	0.77	27.1	C	T	0.53	20.1	C
		R	0.13	13.1	B	R	0.11	13.8	B	R	0.12	12.9	B	R	0.14	14.1	B
East 196th Street	EB	LTR	0.86	65.6	E	LTR	0.38	31.4	C	LTR	0.69	44.8	D	LTR	0.70	44.6	D
	WB	LTR	0.91	55.2	E	LTR	0.47	33.5	C	LTR	0.87	54.1	D	LTR	0.81	47.3	D
<b>Overall Intersection</b>	-		<b>0.92</b>	<b>30.1</b>	<b>C</b>	-	<b>0.60</b>	<b>21.3</b>	<b>C</b>	-	<b>0.96</b>	<b>31.3</b>	<b>C</b>	-	<b>0.72</b>	<b>23.9</b>	<b>C</b>

**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday				
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>																	
East 194th Street / Valentine Avenue	NB	L	0.92	76.3	E	L	0.93	66.9	E	L	1.08	116.0	F	L	1.06	102.4	F
		LT	0.93	78.2	E	LT	0.81	51.6	D	LT	1.08	119.1	F	LT	0.89	62.7	E
	SB	L	0.15	30.9	C	L	0.14	24.4	C	L	0.15	30.8	C	L	0.20	25.0	C
		T	0.27	39.9	D	T	0.24	30.6	C	T	0.25	39.3	D	T	0.35	32.3	C
East Kingsbridge Road (Underpass)	EB	R	0.83	71.8	E	R	0.74	50.9	D	R	0.57	49.3	D	R	0.32	32.6	C
		L	0.35	36.7	D	L	0.58	35.5	D	L	0.39	36.8	D	L	0.36	30.0	C
East Kingsbridge Road (Service Road)	EB	T	0.76	51.1	D	T	0.77	44.1	D	T	0.77	49.9	D	T	0.93	62.5	E
		T	0.59	41.7	D	T	0.48	32.2	C	T	0.63	42.8	D	T	0.38	30.1	C
<b>Overall Intersection</b>	-	<b>0.59</b>	<b>58.2</b>	<b>E</b>	-	<b>0.60</b>	<b>45.7</b>	<b>D</b>	-	<b>0.64</b>	<b>70.5</b>	<b>E</b>	-	<b>0.71</b>	<b>57.8</b>	<b>E</b>	
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>																	
Goulden Avenue / Reservoir Avenue	NB	DefL	0.32	13.5	B	DefL	0.29	13.7	B	DefL	0.38	15.3	B	DefL	0.24	11.4	B
		T	0.38	9.0	A	T	0.35	8.8	A	T	0.35	8.5	A	T	0.23	7.5	A
	SB	T	0.61	26.8	C	T	0.65	27.9	C	T	0.64	27.6	C	T	0.54	25.6	C
Reservoir Avenue	SB	T	0.87	47.7	D	T	0.50	36.4	D	T	0.66	40.5	D	T	0.50	36.0	D
Strong Street	EB	LR	0.70	41.1	D	LR	0.29	30.3	C	LR	0.33	31.1	C	LR	0.47	34.1	C
<b>Overall Intersection</b>	-	<b>0.95</b>	<b>27.8</b>	<b>C</b>	-	<b>0.81</b>	<b>22.4</b>	<b>C</b>	-	<b>0.82</b>	<b>23.5</b>	<b>C</b>	-	<b>0.67</b>	<b>23.0</b>	<b>C</b>	
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>																	
Webster Avenue	NB	L	0.86	73.4	E	L	0.71	35.6	D	L	0.95	55.3	E	L	1.20+	120.0+	F*
		TR	0.76	51.4	D	TR	0.88	44.0	D	TR	1.06	78.6	E	TR	1.00	77.3	E
	SB	L	1.04	76.0	E	L	0.68	38.3	D	L	0.87	73.2	E	L	0.72	49.2	D
		TR	1.06	78.2	E	TR	0.75	39.4	D	TR	0.76	50.7	D	TR	0.92	60.7	E
East Fordham Road	EB	L	0.64	34.7	C	L	0.57	24.2	C	L	0.67	38.8	D	L	0.41	18.9	B
		T	0.60	23.4	C	T	0.60	22.7	C	T	0.70	26.9	C	T	0.52	22.7	C
	WB	R	0.17	17.5	B	R	0.45	23.2	C	R	0.26	19.5	B	R	0.29	20.6	C
		L	0.81	38.2	D	L	0.49	15.9	B	L	0.50	17.7	B	L	0.30	14.3	B
	R	T	0.87	30.0	C	T	0.78	26.0	C	T	0.88	31.4	C	T	0.61	24.3	C
		R	0.56	23.1	C	R	0.60	24.9	C	R	0.39	20.6	C	R	0.43	22.5	C
<b>Overall Intersection</b>	-	<b>0.95</b>	<b>41.0</b>	<b>D</b>	-	<b>0.85</b>	<b>29.5</b>	<b>C</b>	-	<b>0.91</b>	<b>40.4</b>	<b>D</b>	-	<b>0.91</b>	<b>44.7</b>	<b>D</b>	
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>																	
Sedgwick Avenue	NB	LTR	1.03	75.4	E	LTR	0.84	40.9	D	LTR	1.20+	120.0+	F*	LTR	0.97	63.2	E
		SB	L	0.48	35.8	D	L	0.35	25.5	C	L	0.88	62.2	E	L	0.24	29.8
	T	0.78	44.4	D	T	0.46	25.9	C	T	0.86	49.1	D	T	0.39	31.6	C	
Sedgwick Avenue (unsignalized)	SB	R	0.72	21.2	C	R	0.43	12.5	B	R	0.71	22.2	C	R	0.74	22.7	C
		EB	L	0.71	25.2	C	L	1.04	92.3	F	L	1.03	72.7	E	L	1.11	110.0
West Fordham Road	WB	TR	0.67	19.8	B	TR	0.63	16.0	B	TR	0.69	17.7	B	TR	0.63	19.2	B
		LT	0.78	33.6	C	LT	0.81	27.8	C	LT	1.06	68.5	E	LT	0.86	34.4	C
	R	0.44	26.1	C	R	0.22	18.3	B	R	0.34	23.1	C	R	0.22	22.2	C	
<b>Overall Intersection</b>	-	<b>0.90</b>	<b>31.3</b>	<b>C</b>	-	<b>0.98</b>	<b>29.2</b>	<b>C</b>	-	<b>1.20+</b>	<b>66.6</b>	<b>E</b>	-	<b>1.13</b>	<b>36.6</b>	<b>D</b>	

**TABLE B-3  
KINGSBRIDGE ARMORY FEIS  
2013 BUILD TRAFFIC LEVELS OF SERVICE**

INTERSECTION & APPROACH	Weekday 7:30-8:30 AM				Weekday 12:30-1:30 Midday				Weekday 4:30-5:30 PM				Saturday 1:00-2:00 Midday							
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS				
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>																				
Major Deegan Expressway Southbound Ramp	SB	LTR	1.04	95.3	F	LTR	0.99	67.0	E	LTR	1.08	105.5	F	LTR	0.88	61.0	E			
West Fordham Road	EB	L	0.84	58.9	E	L	0.95	58.7	E	L	1.06	105.0	F	L	0.86	60.2	E			
		T	0.76	39.5	D	T	1.07	80.4	F	T	1.13	107.1	F	T	1.11	93.5	F			
	WB	R	0.44	30.5	C	R	0.63	30.3	C	R	0.22	21.9	C	R	0.64	32.0	C			
		L	0.89	53.6	D	L	0.60	25.7	C	L	0.94	70.8	E	L	0.95	62.1	E			
		T	0.64	12.7	B	T	0.65	11.5	B	T	0.51	10.0	B	T	0.57	10.8	B			
<b>Overall Intersection</b>	-		<b>0.81</b>	<b>41.9</b>	<b>D</b>	-		<b>0.96</b>	<b>41.1</b>	<b>D</b>	-		<b>1.03</b>	<b>66.0</b>	<b>E</b>	-		<b>1.05</b>	<b>47.4</b>	<b>D</b>
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>																				
Major Deegan Expressway Northbound Ramp	NB	LTR	1.09	103.8	F	LTR	1.12	104.0	F	LTR	1.11	109.7	F	LTR	1.12	113.0	F			
West Fordham Road	EB	L	1.04	86.4	F	L	1.10	85.0	F	L	1.14	120.0+	F*	L	1.13	120.0+	F*			
		T	0.46	13.1	B	T	0.47	9.7	A	T	1.08	79.9	E	T	0.53	14.0	B			
	WB	L	0.95	60.3	E	L	0.51	17.9	B	L	1.14	112.4	F	L	1.05	84.1	F			
		T	0.61	24.8	C	T	0.55	17.5	B	T	1.14	108.8	F	T	0.60	24.5	C			
		R	0.28	12.0	B	R	0.18	11.4	B	R	0.37	13.7	B	R	0.34	11.8	B			
<b>Overall Intersection</b>	-		<b>1.08</b>	<b>48.1</b>	<b>D</b>	-		<b>1.13</b>	<b>42.5</b>	<b>D</b>	-		<b>1.18</b>	<b>94.3</b>	<b>F</b>	-		<b>1.14</b>	<b>55.0</b>	<b>D</b>
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>																				
9th Avenue	NB	LT	0.12	27.4	C	LT	0.13	27.6	C	LT	0.13	27.5	C	LT	0.21	28.7	C			
		R	0.49	18.0	B	R	0.52	18.4	B	R	0.64	21.7	C	R	0.68	23.1	C			
West 207th Street	SB	LTR	0.20	28.5	C	LTR	0.11	27.0	C	LTR	0.26	29.3	C	LTR	0.20	28.4	C			
		EB	LT	0.77	32.9	C	LT	0.97	45.1	D	LT	0.95	43.6	D	LT	1.14	96.6	F		
	WB	R	0.10	22.4	C	R	0.13	22.6	C	R	0.07	22.0	C	R	0.10	22.1	C			
		L	1.10	88.3	F	L	1.08	87.9	F	L	1.07	92.1	F	L	1.16	102.1	F			
		TR	1.08	69.3	E	TR	1.04	56.5	E	TR	1.05	57.5	E	TR	1.11	69.5	E			
<b>Overall Intersection</b>	-		<b>0.85</b>	<b>58.7</b>	<b>E</b>	-		<b>0.76</b>	<b>54.2</b>	<b>D</b>	-		<b>0.80</b>	<b>52.8</b>	<b>D</b>	-		<b>0.97</b>	<b>75.0</b>	<b>E</b>

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>									
Grand Concourse (Mainline)	NB	L	0.97	104.0	F	L	1.06	120.0+	F*
		T	0.29	14.4	B	T	0.29	14.4	B
	SB	L	0.22	13.6	B	L	0.22	13.6	B
		T	0.97	30.3	C	T	0.97	30.3	C
Grand Concourse (Service Road)	NB	TR	0.49	18.2	B	TR	0.49	18.2	B
	SB	TR	1.20+	120.0+	F*	TR	1.20+	120.0+	F*
East Kingsbridge Road		-	-	-	-	-	-	-	-
	EB	LTR	0.76	42.8	D	LTR	0.80	45.0	D
	WB	LTR	0.52	34.7	C	LTR	0.53	34.8	C
<b>Overall Intersection</b>	-	<b>1.08</b>	<b>54.0</b>	<b>D</b>	-	<b>1.11</b>	<b>57.7</b>	<b>E</b>	
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>									
Creston Avenue	SB	LTR	0.57	36.2	D	LTR	0.57	36.2	D
East Kingsbridge Road (Ramp)	EB	TR	0.56	19.0	B	TR	0.58	19.4	B
	WB	T	0.59	19.2	B	T	0.62	20.0	C
East Kingsbridge Road (Underpass)	EB	T	0.22	13.1	B	T	0.23	13.2	B
	WB	LT	0.60	19.6	B	LT	0.65	20.7	C
<b>Overall Intersection</b>	-	<b>0.59</b>	<b>20.2</b>	<b>C</b>	-	<b>0.62</b>	<b>20.7</b>	<b>C</b>	
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>									
Morris Avenue	NB	LTR	0.23	28.1	C	LTR	0.23	28.1	C
East Kingsbridge Road	EB	LT	0.56	17.5	B	LT	0.58	17.9	B
	WB	TR	0.61	19.3	B	TR	0.64	20.1	C
<b>Overall Intersection</b>	-	<b>0.46</b>	<b>19.1</b>	<b>B</b>	-	<b>0.48</b>	<b>19.6</b>	<b>B</b>	
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	0.51	25.4	C	LTR	0.55	26.2	C
	SB	LTR	0.93	46.0	D	LTR	0.95	50.5	D
Kingsbridge Road	EB	LTR	0.96	52.3	D	LTR	1.02	68.8	E
		-	-	-	-	-	-	-	-
	WB	LTR	0.84	35.6	D	LTR	0.90	41.0	D
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>42.0</b>	<b>D</b>	-	<b>0.99</b>	<b>50.2</b>	<b>D</b>	
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>									
Davidson Avenue	NB	LR	0.37	25.0	C	LR	0.42	26.2	C
West Kingsbridge Road	EB	T	0.47	13.7	B	T	0.49	14.0	B
	WB	T	0.58	14.6	B	T	0.62	15.1	B
<b>Overall Intersection</b>	-	<b>0.50</b>	<b>15.1</b>	<b>B</b>	-	<b>0.55</b>	<b>15.7</b>	<b>B</b>	

**TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM**

INTERSECTION & APPROACH	<u>2013 No Build</u>				<u>2013 Build</u>				<u>Build Improvements</u>	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>										
Reservoir / Aqueduct Avenue	NB	LR	0.34	30.2	C	R	0.27	31.0	C	<ul style="list-style-type: none"> <li>- Shift the centerline of West Kingsbridge Road west of Reservoir Avenue 1-ft. to the north. Restripe the EB approach from one 11-ft. lane and one 19-ft. lane with parking to one 11-ft. left turn lane and one 20-ft lane with parking. Restripe the WB receiving side from one 14-ft. lane and one 17-ft. lane with parking to three 10-ft. lanes.</li> <li>- Shift the centerline of West Kingsbridge Road east of Reservoir Avenue 2-ft. to the south. Restripe the WB approach from one 12-ft. lane and one 17-ft. lane with parking to two 10-ft. lanes and one 11-ft lane. Restripe the EB receiving side from one 12-ft. lane and one 18-ft. lane with parking to one 10-ft. lane and one 18-ft. lane with parking.</li> <li>- Shift the west curb along SB Reservoir Avenue 11-ft. to the east. Restripe the SB approach from one 19-ft. lane and one 26-ft. lane with parking to one 12-ft. left turn lane, one 12-ft. right turn lane and one 10-ft. bus stop lane.</li> <li>- Restripe the receiving side along NB Reservoir Avenue from one 13-ft. lane and one 29-ft. lane to one 18-ft. lane and one 19-ft. lane by shifting the curbs on both sides of this approach.</li> <li>- Install "No Standing Anytime" regulations along the north curb of the WB approach for 150-ft., and along the receiving side for 150-ft. to allow for three moving lanes at the approach.</li> <li>- Install "No Standing Anytime" regulations along the west curb of the SB approach for 250-ft.</li> <li>- Prohibit NB Aqueduct Avenue left turn movement onto West Kingsbridge Road.</li> <li>- Modify signal phasing plan: Add a new lag phase for the EB-lead/SB right-turn with the following signal timing: new EB-lead/SB right turn phase has 19 s green time, EB/WB phase has 46 s green time, and NB/SB phase has 40 s green time [each phase has 3 s amber and 2 s all red].</li> </ul>
	SB	L	0.37	29.6	C	L	0.48	33.9	C	
West Kingsbridge Road		R	0.69	38.7	D	R	0.52	20.1	C	
	EB	-	-	-	-	L	0.77	24.3	C	
		T	0.51	17.0	B	T	0.73	21.1	C	
West Kingsbridge Road (unsignalized)	WB	T	0.42	16.0	B	TR	0.72	34.5	C	
	EB	LT	0.51	23.4	C	-	-	-	-	
	WB	LT	0.08	11.8	B	LT	0.04	8.7	A	
<b>Overall Intersection</b>	-	<b>0.58</b>	<b>21.9</b>	<b>C</b>	-	<b>0.68</b>	<b>28.5</b>	<b>C</b>		
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>										
University Avenue	NB	LTR	0.71	38.0	D	LTR	0.84	45.1	D	
	SB	LTR	0.64	39.0	D	LTR	0.69	41.8	D	
West Kingsbridge Road	EB	LTR	0.85	25.9	C	LTR	0.87	26.9	C	
	WB	LTR	1.02	58.1	E	LTR	1.13	96.4	F	
	-	-	-	-	-	-	-	-	-	
<b>Overall Intersection</b>	-	<b>0.90</b>	<b>41.3</b>	<b>D</b>	-	<b>1.01</b>	<b>57.0</b>	<b>E</b>		
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>										
Webb Avenue	NB	L	0.31	34.7	C	L	0.31	34.7	C	
		R	0.32	34.1	C	R	0.32	34.1	C	
	SB	LTR	0.65	41.4	D	LTR	0.65	41.4	D	
West Kingsbridge Road	EB	TR	0.95	47.8	D	TR	0.97	51.6	D	
	WB	LT	1.04	47.4	D	LT	1.06	57.6	E	
	<b>Overall Intersection</b>	-	<b>0.91</b>	<b>46.1</b>	<b>D</b>	-	<b>0.93</b>	<b>52.0</b>	<b>D</b>	
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>										
Sedgwick Avenue	NB	LT	0.19	26.9	C	LT	0.19	26.9	C	
	Sedgwick Avenue (unsignalized)		R	0.35	12.1	B	R	0.37	12.4	B
West Kingsbridge Road	SB	LTR	1.07	73.9	E	LTR	1.07	74.8	E	
	EB	L	0.52	26.8	C	L	0.53	27.5	C	
		T	0.44	16.2	B	T	0.45	16.4	B	
West Kingsbridge Road (unsignalized)		R	0.06	10.7	B	R	0.06	10.8	B	
	WB	L	0.58	19.1	B	L	0.61	19.8	B	
		TR	0.67	19.3	B	TR	0.68	19.5	B	
<b>Overall Intersection</b>	-	<b>0.83</b>	<b>27.4</b>	<b>C</b>	-	<b>0.83</b>	<b>27.6</b>	<b>C</b>		



TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM

INTERSECTION & APPROACH	Mvt.	2013 No Build			2013 Build				Build Improvements	
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>										
Bailey Avenue	NB	DefL	0.67	45.0	D	DefL	0.67	45.0	D	
		TR	0.42	30.9	C	TR	0.42	30.9	C	
	SB	DefL	0.85	47.6	D	DefL	0.89	51.6	D	
		TR	0.83	43.5	D	TR	0.83	43.5	D	
West Kingsbridge Road / West 225th Street	EB	L	0.65	35.1	D	L	0.66	36.3	D	
		TR	0.36	15.7	B	TR	0.37	15.7	B	
	WB	L	0.19	14.5	B	L	0.19	14.5	B	
		TR	0.62	19.5	B	TR	0.62	19.7	B	
	-	-	-	-	-	-	-	-	-	
<b>Overall Intersection</b>	-	<b>0.73</b>	<b>27.2</b>	<b>C</b>	-	<b>0.75</b>	<b>27.8</b>	<b>C</b>		
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>										
Reservoir Avenue	NB	LTR	0.37	12.7	B	LTR	0.41	14.7	B	- Remove the hatched median along West 195th Street east of Reservoir Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB receiving side from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal controller and timing: NB/SB green time shifts from 48.6 s to 46 s; WB green time shifts from 30.6 s to 34 s; each phase has 3 s amber and 2 s all red].
		DefL	0.67	21.3	C	DefL	0.75	27.8	C	
	TR	0.68	18.7	B	TR	0.75	22.7	C		
West 195th Street	WB	LTR	0.91	47.4	D	LTR	0.86	38.3	D	
<b>Overall Intersection</b>	-	<b>0.77</b>	<b>24.0</b>	<b>C</b>	-	<b>0.80</b>	<b>24.8</b>	<b>C</b>		
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>										
Jerome Avenue	NB	LT	0.75	25.0	C	LT	0.88	40.4	D	- Remove the hatched median along West 195th Street west of Jerome Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB approach from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal timing: shift 5 s of green time from NB/SB phase to EB phase [NB/SB green time shifts from 71 s to 66 s; EB green time shifts from 39 s to 44 s].
		TR	0.69	21.0	C	TR	0.80	29.3	C	
West 195th Street	EB	LR	0.90	60.1	E	LR	0.92	60.0	E	
<b>Overall Intersection</b>	-	<b>0.81</b>	<b>34.4</b>	<b>C</b>	-	<b>0.90</b>	<b>42.2</b>	<b>D</b>		
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>										
East Kingsbridge Road / Elm Place	SB	L	0.76	55.0	E	L	0.80	57.4	E	
		LT	0.82	58.5	E	LT	0.84	60.5	E	
East Fordham Road	EB	LT	0.46	9.5	A	LT	0.46	9.5	A	
		R	0.07	6.3	A	R	0.07	6.3	A	
	WB	T	0.54	9.9	A	T	0.54	9.9	A	
		R	0.48	11.8	B	R	0.51	12.3	B	
<b>Overall Intersection</b>	-	<b>0.60</b>	<b>18.6</b>	<b>B</b>	-	<b>0.60</b>	<b>19.3</b>	<b>B</b>		
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>										
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.20	41.4	D	TR	0.20	41.4	D	
East Fordham Road	EB	T	0.30	6.9	A	T	0.30	6.9	A	
		R	0.02	5.3	A	R	0.02	5.3	A	
	WB	LT	0.76	14.3	B	LT	0.77	14.3	B	
<b>Overall Intersection</b>	-	<b>0.64</b>	<b>12.4</b>	<b>B</b>	-	<b>0.64</b>	<b>12.4</b>	<b>B</b>		

TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM

INTERSECTION & APPROACH	Mvt.	2013 No Build				2013 Build				Build Improvements
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>										
Jerome Avenue	NB	LTR	0.81	52.0	D	LTR	0.84	54.2	D	
	SB	LTR	0.77	44.9	D	LTR	0.81	47.2	D	
Fordham Road	EB	LT	0.88	26.3	C	LT	0.89	27.6	C	
Fordham Road (unsignalized)	EB	R	0.29	17.3	C	R	0.29	17.4	C	
	WB	LT	0.84	20.4	C	LT	0.84	20.5	C	
		R	0.14	9.1	A	R	0.14	9.2	A	
<b>Overall Intersection</b>	-		<b>0.86</b>	<b>27.0</b>	<b>C</b>	-	<b>0.88</b>	<b>28.1</b>	<b>C</b>	
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>										
University Avenue	NB	LTR	0.90	47.4	D	LTR	0.95	53.3	D	
	-	-	-	-	-	-	-	-	-	
	SB	LTR	0.77	39.4	D	LTR	0.82	41.6	D	
West Fordham Road	EB	LT	0.92	47.2	D	LT	0.97	56.3	E	
		R	0.21	24.0	C	R	0.21	24.0	C	
	WB	L	0.64	34.9	C	L	0.66	36.1	D	
		T	0.53	20.5	C	T	0.54	20.5	C	
		R	0.22	16.8	B	R	0.22	16.8	B	
<b>Overall Intersection</b>	-		<b>0.90</b>	<b>36.4</b>	<b>D</b>	-	<b>0.96</b>	<b>40.6</b>	<b>D</b>	
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>										
Jerome Avenue	NB	TR	0.65	20.9	C	TR	0.66	21.4	C	
	SB	LT	0.59	20.4	C	LT	0.61	21.0	C	
East 196th Street	WB	LR	0.40	31.6	C	LR	0.41	31.9	C	
<b>Overall Intersection</b>	-		<b>0.55</b>	<b>22.4</b>	<b>C</b>	-	<b>0.56</b>	<b>22.9</b>	<b>C</b>	
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>										
Grand Concourse (Mainline)	NB	L	0.78	82.8	F	L	0.78	82.8	F	
		T	0.43	16.2	B	T	0.44	16.3	B	
	SB	L	0.12	12.9	B	L	0.13	13.0	B	
		T	0.92	27.4	C	T	0.92	27.4	C	
Grand Concourse (Service Road)	NB	TR	0.71	25.6	C	TR	0.75	27.8	C	
	SB	T	0.85	31.8	C	T	0.85	31.8	C	
		R	0.13	13.0	B	R	0.13	13.1	B	
East 196th Street	EB	LTR	0.85	63.3	E	LTR	0.86	65.6	E	
	WB	LTR	0.89	53.7	D	LTR	0.91	55.2	E	
<b>Overall Intersection</b>	-		<b>0.92</b>	<b>29.8</b>	<b>C</b>	-	<b>0.92</b>	<b>30.1</b>	<b>C</b>	
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>										
East 194th Street / Valentine Avenue	NB	L	0.86	67.4	E	L	0.92	76.3	E	
		LT	0.89	72.0	E	LT	0.93	78.2	E	
	SB	L	0.15	30.9	C	L	0.15	30.9	C	
		T	0.27	39.9	D	T	0.27	39.9	D	
		R	0.83	71.8	E	R	0.83	71.8	E	
East Kingsbridge Road (Underpass)	EB	L	0.35	36.7	D	L	0.35	36.7	D	
		T	0.72	48.8	D	T	0.76	51.1	D	
East Kingsbridge Road (Service Road)		T	0.59	41.7	D	T	0.59	41.7	D	
<b>Overall Intersection</b>	-		<b>0.57</b>	<b>55.0</b>	<b>E</b>	-	<b>0.59</b>	<b>58.2</b>	<b>E</b>	

TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>									
Goulden Avenue / Reservoir Avenue	NB	DefL	0.31	13.1	B	DefL	0.32	13.5	B
		T	0.37	8.9	A	T	0.38	9.0	A
Reservoir Avenue	SB	T	0.59	26.4	C	T	0.61	26.8	C
		T	0.84	45.2	D	T	0.87	47.7	D
Strong Street	EB	LR	0.70	41.1	D	LR	0.70	41.1	D
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>27.1</b>	<b>C</b>	-	<b>0.95</b>	<b>27.8</b>	<b>C</b>	
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>									
Webster Avenue	NB	L	0.82	67.3	E	L	0.86	73.4	E
		TR	0.76	51.4	D	TR	0.76	51.4	D
	SB	L	1.04	76.0	E	L	1.04	76.0	E
		TR	1.05	76.1	E	TR	1.06	78.2	E
East Fordham Road	EB	L	0.62	32.8	C	L	0.64	34.7	C
		T	0.59	23.3	C	T	0.60	23.4	C
	WB	R	0.16	17.4	B	R	0.17	17.5	B
		L	0.80	37.0	D	L	0.81	38.2	D
		T	0.86	29.5	C	T	0.87	30.0	C
		R	0.56	23.1	C	R	0.56	23.1	C
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>40.3</b>	<b>D</b>	-	<b>0.95</b>	<b>41.0</b>	<b>D</b>	
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>									
Sedgwick Avenue	NB	LTR	1.01	71.2	E	LTR	1.03	75.4	E
		-	-	-	-	-	-	-	-
	SB	L	0.47	35.6	D	L	0.48	35.8	D
		T	0.78	44.2	D	T	0.78	44.4	D
Sedgwick Avenue (unsignalized)		R	0.75	23.3	C	R	0.72	21.2	C
West Fordham Road	EB	L	0.69	23.7	C	L	0.71	25.2	C
		TR	0.66	19.6	B	TR	0.67	19.8	B
	WB	LT	0.77	33.1	C	LT	0.78	33.6	C
		R	0.44	26.1	C	R	0.44	26.1	C
<b>Overall Intersection</b>	-	<b>0.89</b>	<b>31.0</b>	<b>C</b>	-	<b>0.90</b>	<b>31.3</b>	<b>C</b>	
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>									
Major Deegan Expressway Southbound Ramp	SB	LTR	1.04	95.3	F	LTR	1.04	95.3	F
West Fordham Road	EB	L	0.84	58.9	E	L	0.84	58.9	E
		T	0.74	38.4	D	T	0.76	39.5	D
		R	0.44	30.5	C	R	0.44	30.5	C
		L	0.86	49.3	D	L	0.89	53.6	D
		T	0.63	12.7	B	T	0.64	12.7	B
<b>Overall Intersection</b>	-	<b>0.79</b>	<b>41.3</b>	<b>D</b>	-	<b>0.81</b>	<b>41.9</b>	<b>D</b>	

**TABLE B-4  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY AM**

INTERSECTION & APPROACH	<u>2013 No Build</u>				<u>2013 Build</u>				<u>Build Improvements</u>
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>									
Major Deegan Expressway Northbound Ramp	NB	LTR	1.08	99.4	F	LTR	1.09	103.8	F
West Fordham Road	EB	L	1.03	83.7	F	L	1.04	86.4	F
		T	0.46	13.0	B	T	0.46	13.1	B
	WB	L	0.94	57.8	E	L	0.95	60.3	E
West Fordham Road (unsignalized)	R	T	0.61	24.7	C	T	0.61	24.8	C
		R	0.28	12.0	B	R	0.28	12.0	B
<b>Overall Intersection</b>	-		<b>1.06</b>	<b>46.6</b>	<b>D</b>	-	<b>1.08</b>	<b>48.1</b>	<b>D</b>
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>									
9th Avenue	NB	LT	0.12	27.4	C	LT	0.12	27.4	C
		R	0.49	18.0	B	R	0.49	18.0	B
West 207th Street	SB	LTR	0.20	28.5	C	LTR	0.20	28.5	C
		EB	LT	0.75	32.3	C	LT	0.77	32.9
	WB	R	0.10	22.4	C	R	0.10	22.4	C
		L	1.09	84.2	F	L	1.10	88.3	F
	TR	1.08	66.9	E	TR	1.08	69.3	E	
<b>Overall Intersection</b>	-		<b>0.85</b>	<b>56.7</b>	<b>E</b>	-	<b>0.85</b>	<b>58.7</b>	<b>E</b>

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

Denotes a significant impact

TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY

INTERSECTION & APPROACH	Mvt.	2013 No Build			2013 Build				Build Improvements	
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>										
Grand Concourse (Mainline)	NB	L	0.16	14.8	B	L	0.23	16.1	B	
		T	0.29	15.4	B	T	0.29	15.4	B	
	SB	L	0.12	14.1	B	L	0.12	14.1	B	
		T	0.25	15.0	B	T	0.25	15.0	B	
Grand Concourse (Service Road)	NB	TR	0.55	20.7	C	TR	0.55	20.7	C	
	SB	TR	0.96	51.0	D	TR	1.04	72.2	E	
East Kingsbridge Road		-	-	-	-	-	-	-	-	
	EB	LTR	0.62	35.8	D	LTR	0.71	39.7	D	
	WB	LTR	0.36	29.2	C	LTR	0.36	29.4	C	
	<b>Overall Intersection</b>	-	<b>0.82</b>	<b>28.7</b>	<b>C</b>	-	<b>0.90</b>	<b>34.9</b>	<b>C</b>	
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>										
Creston Avenue	SB	LTR	0.37	24.8	C	LTR	0.37	24.8	C	
East Kingsbridge Road (Ramp)	EB	TR	0.43	13.7	B	TR	0.48	14.4	B	
	WB	T	0.37	13.2	B	T	0.46	14.5	B	
East Kingsbridge Road (Underpass)	EB	T	0.22	10.9	B	T	0.26	11.2	B	
	WB	LT	0.33	12.2	B	LT	0.41	13.2	B	
	<b>Overall Intersection</b>	-	<b>0.41</b>	<b>13.7</b>	<b>B</b>	-	<b>0.44</b>	<b>14.3</b>	<b>B</b>	
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>										
Morris Avenue	NB	LTR	0.17	21.4	C	LTR	0.17	21.4	C	
East Kingsbridge Road	EB	LT	0.50	13.6	B	LT	0.57	14.6	B	
	WB	TR	0.40	12.7	B	TR	0.49	13.8	B	
	<b>Overall Intersection</b>	-	<b>0.37</b>	<b>13.7</b>	<b>B</b>	-	<b>0.42</b>	<b>14.6</b>	<b>B</b>	
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>										
Jerome Avenue	NB	LTR	0.77	28.0	C	LTR	0.87	35.6	D	
	SB	LTR	0.84	34.5	C	LTR	0.91	44.0	D	
Kingsbridge Road	EB	LTR	0.70	24.0	C	LTR	0.88	33.9	C	
		-	-	-	-	-	-	-	-	
	WB	LTR	0.60	21.5	C	LTR	0.75	25.9	C	
	<b>Overall Intersection</b>	-	<b>0.77</b>	<b>26.1</b>	<b>C</b>	-	<b>0.90</b>	<b>33.6</b>	<b>C</b>	
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>										
Davidson Avenue	NB	LR	0.33	25.0	C	LR	0.44	27.5	C	
West Kingsbridge Road	EB	T	0.40	12.9	B	T	0.48	13.8	B	
	WB	T	0.41	12.8	B	T	0.51	13.9	B	
	<b>Overall Intersection</b>	-	<b>0.38</b>	<b>14.0</b>	<b>B</b>	-	<b>0.48</b>	<b>15.2</b>	<b>B</b>	

TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>										
Reservoir / Aqueduct Avenue	NB	LR	0.33	24.0	C	R	0.31	26.5	C	<ul style="list-style-type: none"> <li>- Shift the centerline of West Kingsbridge Road west of Reservoir Avenue 1-ft. to the north. Restripe the EB approach from one 11-ft. lane and one 19-ft. lane with parking to one 11-ft. left turn lane and one 20-ft lane with parking. Restripe the WB receiving side from one 14-ft. lane and one 17-ft. lane with parking to three 10-ft. lanes.</li> <li>- Shift the centerline of West Kingsbridge Road east of Reservoir Avenue 2-ft. to the south. Restripe the WB approach from one 12-ft. lane and one 17-ft. lane with parking to two 10-ft. lanes and one 11-ft lane. Restripe the EB receiving side from one 12-ft. lane and one 18-ft. lane with parking to one 10-ft. lane and one 18-ft. lane with parking.</li> <li>- Shift the west curb along SB Reservoir Avenue 11-ft. to the east. Restripe the SB approach from one 19-ft. lane and one 26-ft. lane with parking to one 12-ft. left turn lane, one 12-ft. right turn lane and one 10-ft. bus stop lane.</li> <li>- Restripe the receiving side along NB Reservoir Avenue from one 13-ft. lane and one 29-ft. lane to one 18-ft. lane and one 19-ft. lane by shifting the curbs on both sides of this approach.</li> <li>- Install "No Standing Anytime" regulations along the north curb of the WB approach for 150-ft., and along the receiving side for 150-ft. to allow for three moving lanes at the approach.</li> <li>- Install "No Standing Anytime" regulations along the west curb of the SB approach for 250-ft.</li> <li>- Prohibit NB Aqueduct Avenue left turn movement onto West Kingsbridge Road.</li> <li>- Modify signal phasing plan: Add a new lag phase for the EB-lead/SB right-turn with the following signal timing: new EB-lead/SB right turn phase has 15 s green time, EB/WB phase has 32 s green time, and NB/SB phase has 28 s green time [each phase has 3 s amber and 2 s all red].</li> </ul>
	SB	L	0.22	21.7	C	L	0.52	29.1	C	
West Kingsbridge Road		R	0.45	26.4	C	R	0.52	16.4	B	
	EB	-	-	-	-	L	0.92	41.7	D	
West Kingsbridge Road (unsignalized)		T	0.42	12.8	B	T	0.61	14.9	B	
	WB	T	0.35	12.1	B	TR	0.77	30.1	C	
	EB	LT	0.22	12.3	B	-	-	-	-	
	WB	LT	0.05	8.8	A	LT	0.06	8.7	A	
<b>Overall Intersection</b>	-	<b>0.44</b>	<b>15.1</b>	<b>B</b>	-	<b>0.71</b>	<b>25.9</b>	<b>C</b>		
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>										
University Avenue	NB	LTR	0.59	24.1	C	LTR	0.78	29.9	C	
		-	-	-	-	-	-	-	-	
West Kingsbridge Road		-	-	-	-	-	-	-	-	
	SB	LTR	0.36	20.9	C	LTR	0.37	21.2	C	
	EB	LTR	0.67	19.7	B	LTR	0.75	21.7	C	
	WB	LTR	0.93	38.3	D	LTR	1.20+	120.0+	F*	
<b>Overall Intersection</b>	-	<b>0.78</b>	<b>27.5</b>	<b>C</b>	-	<b>1.07</b>	<b>78.7</b>	<b>E</b>		
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>										
Webb Avenue	NB	L	0.49	33.6	C	L	0.49	33.6	C	
		R	0.34	28.6	C	R	0.34	28.6	C	
West Kingsbridge Road	SB	LTR	0.41	29.6	C	LTR	0.41	29.6	C	
	EB	TR	0.77	29.5	C	TR	0.86	34.3	C	
	WB	LT	0.73	14.0	B	LT	0.82	16.6	B	
<b>Overall Intersection</b>	-	<b>0.73</b>	<b>23.2</b>	<b>C</b>	-	<b>0.77</b>	<b>26.1</b>	<b>C</b>		
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>										
Sedgwick Avenue	NB	LT	0.11	20.3	C	LT	0.11	20.3	C	
Sedgwick Avenue (unsignalized)		R	0.22	10.5	B	R	0.28	11.0	B	
	SB	LTR	0.65	30.5	C	LTR	0.67	31.2	C	
West Kingsbridge Road	EB	L	0.25	13.1	B	L	0.26	13.5	B	
		T	0.34	12.0	B	T	0.37	12.3	B	
West Kingsbridge Road (unsignalized)		R	0.10	10.4	B	R	0.10	10.6	B	
	WB	L	0.34	13.3	B	L	0.45	15.3	B	
		TR	0.58	14.9	B	TR	0.62	15.4	B	
<b>Overall Intersection</b>	-	<b>0.61</b>	<b>15.7</b>	<b>B</b>	-	<b>0.63</b>	<b>16.1</b>	<b>B</b>		

TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY

INTERSECTION & APPROACH	Mvt.	2013 No Build			2013 Build			Build Improvements		
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay		LOS	
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>										
Bailey Avenue	NB	LTR	0.43	24.5	C	LTR	0.44	24.7	C	
	SB	LTR	0.84	33.5	C	LTR	0.90	38.1	D	
West Kingsbridge Road / West 225th Street	EB	L	0.45	16.8	B	L	0.47	17.7	B	
		TR	0.23	11.0	B	TR	0.24	11.0	B	
	WB	L	0.12	10.4	B	L	0.12	10.4	B	
		TR	0.45	13.1	B	TR	0.48	13.4	B	
	-	-	-	-	-	-	-	-	-	
<b>Overall Intersection</b>	-	<b>0.60</b>	<b>19.7</b>	<b>B</b>	-	<b>0.64</b>	<b>21.1</b>	<b>C</b>		
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>										
Reservoir Avenue	NB	LTR	0.26	11.6	B	LTR	0.37	13.0	B	- Remove the hatched median along West 195th Street east of Reservoir Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB receiving side from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal controller and timing: NB/SB green time shifts from 48.6 s to 48 s; WB green time shifts from 30.6 s to 32 s; each phase has 3 s amber and 2 s all red].
	SB	LTR	0.40	13.0	B	LTR	0.46	14.2	B	
West 195th Street	WB	LTR	0.50	26.3	C	LTR	0.65	29.2	C	
<b>Overall Intersection</b>	-	<b>0.44</b>	<b>15.5</b>	<b>B</b>	-	<b>0.54</b>	<b>17.3</b>	<b>B</b>		
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>										
Jerome Avenue	NB	LT	0.52	14.8	B	LT	0.56	15.6	B	- Remove the hatched median along West 195th Street west of Jerome Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB approach from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking.
	SB	TR	0.77	22.6	C	TR	0.93	36.9	D	
West 195th Street	EB	LR	0.35	24.0	C	LR	0.51	27.7	C	
<b>Overall Intersection</b>	-	<b>0.60</b>	<b>20.0</b>	<b>B</b>	-	<b>0.77</b>	<b>28.2</b>	<b>C</b>		
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>										
East Kingsbridge Road / Elm Place	SB	L	0.31	27.0	C	L	0.42	29.0	C	
		LT	0.23	25.7	C	LT	0.29	26.6	C	
East Fordham Road	EB	LT	0.56	14.1	B	LT	0.56	14.2	B	
		R	0.26	12.4	B	R	0.26	12.4	B	
		T	0.58	13.8	B	T	0.58	13.8	B	
	WB	R	0.56	15.8	B	R	0.69	19.2	B	
<b>Overall Intersection</b>		-	<b>0.49</b>	<b>15.4</b>	<b>B</b>	-	<b>0.53</b>	<b>16.6</b>	<b>B</b>	
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>										
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.16	25.1	C	TR	0.16	25.1	C	
East Fordham Road	EB	T	0.40	10.1	B	T	0.40	10.1	B	
		R	0.11	8.4	A	R	0.11	8.4	A	
	WB	LT	0.65	13.6	B	LT	0.65	13.6	B	
<b>Overall Intersection</b>	-	<b>0.49</b>	<b>12.4</b>	<b>B</b>	-	<b>0.49</b>	<b>12.4</b>	<b>B</b>		

TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	0.99	51.5	D	LTR	1.05	66.3	E
	SB	LTR	0.94	59.7	E	LTR	1.03	82.2	F
Fordham Road	EB	LT	0.72	15.5	B	LT	0.73	16.0	B
Fordham Road (unsignalized)		R	0.33	22.0	C	R	0.33	22.1	C
	WB	LT	0.55	12.1	B	LT	0.55	12.1	B
		R	0.27	10.1	B	R	0.27	10.2	B
<b>Overall Intersection</b>	-		<b>0.81</b>	<b>24.2</b>	<b>C</b>	-	<b>0.83</b>	<b>29.7</b>	<b>C</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>									
University Avenue	NB	LTR	0.79	30.4	C	LTR	0.91	39.0	D
		-	-	-	-	-	-	-	-
	SB	LTR	0.66	26.9	C	LTR	0.80	32.4	C
West Fordham Road	EB	LT	1.10	93.9	F	LT	1.20+	120.0+	F*
		R	0.28	26.2	C	R	0.28	26.2	C
	WB	L	0.70	32.7	C	L	0.78	40.8	D
		T	0.53	19.3	B	T	0.53	19.3	B
		R	0.31	18.1	B	R	0.31	18.1	B
<b>Overall Intersection</b>	-		<b>0.92</b>	<b>43.4</b>	<b>D</b>	-	<b>1.08</b>	<b>74.2</b>	<b>E</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>									
Jerome Avenue	NB	TR	0.59	17.2	B	TR	0.67	19.4	B
	SB	LT	0.59	16.7	B	LT	0.65	18.5	B
East 196th Street	WB	LR	0.30	23.6	C	LR	0.35	24.6	C
<b>Overall Intersection</b>	-		<b>0.48</b>	<b>17.8</b>	<b>B</b>	-	<b>0.55</b>	<b>19.7</b>	<b>B</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>									
Grand Concourse (Mainline)	NB	L	0.14	14.5	B	L	0.14	14.5	B
		T	0.34	16.0	B	T	0.36	16.2	B
	SB	L	0.05	13.3	B	L	0.05	13.3	B
		T	0.25	14.9	B	T	0.25	14.9	B
Grand Concourse (Service Road)	NB	TR	0.68	25.2	C	TR	0.68	25.2	C
	SB	T	0.63	22.9	C	T	0.68	24.4	C
		R	0.09	13.6	B	R	0.11	13.8	B
East 196th Street	EB	LTR	0.32	29.8	C	LTR	0.38	31.4	C
	WB	LTR	0.44	32.7	C	LTR	0.47	33.5	C
<b>Overall Intersection</b>	-		<b>0.58</b>	<b>20.7</b>	<b>C</b>	-	<b>0.60</b>	<b>21.3</b>	<b>C</b>
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>									
East 194th Street / Valentine Avenue	NB	L	0.76	46.1	D	L	0.93	66.9	E
		LT	0.70	42.5	D	LT	0.81	51.6	D
	SB	L	0.14	24.4	C	L	0.14	24.4	C
		T	0.24	30.6	C	T	0.24	30.6	C
		R	0.74	50.9	D	R	0.74	50.9	D
East Kingsbridge Road (Underpass)	EB	L	0.58	35.5	D	L	0.58	35.5	D
		T	0.60	35.7	D	T	0.77	44.1	D
East Kingsbridge Road (Service Road)		T	0.48	32.2	C	T	0.48	32.2	C
<b>Overall Intersection</b>	-		<b>0.48</b>	<b>39.0</b>	<b>D</b>	-	<b>0.60</b>	<b>45.7</b>	<b>D</b>



TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>									
Goulden Avenue / Reservoir Avenue	NB	DefL	0.23	11.6	B	DefL	0.29	13.7	B
		T	0.29	8.0	A	T	0.35	8.8	A
Reservoir Avenue	SB	T	0.57	26.0	C	T	0.65	27.9	C
		T	0.39	33.9	C	T	0.50	36.4	D
		LR	0.29	30.3	C	LR	0.29	30.3	C
Strong Street	EB	LR	0.29	30.3	C	LR	0.29	30.3	C
<b>Overall Intersection</b>	-	<b>0.66</b>	<b>21.1</b>	<b>C</b>	-	<b>0.81</b>	<b>22.4</b>	<b>C</b>	
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>									
Webster Avenue	NB	L	0.61	27.4	C	L	0.71	35.6	D
		TR	0.88	44.0	D	TR	0.88	44.0	D
	SB	L	0.68	38.3	D	L	0.68	38.3	D
		TR	0.73	38.5	D	TR	0.75	39.4	D
East Fordham Road	EB	L	0.50	20.7	C	L	0.57	24.2	C
		T	0.57	22.1	C	T	0.60	22.7	C
	WB	R	0.40	21.9	C	R	0.45	23.2	C
		L	0.47	15.2	B	L	0.49	15.9	B
	R	T	0.75	24.9	C	T	0.78	26.0	C
		R	0.60	24.9	C	R	0.60	24.9	C
<b>Overall Intersection</b>	-	<b>0.84</b>	<b>28.6</b>	<b>C</b>	-	<b>0.85</b>	<b>29.5</b>	<b>C</b>	
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>									
Sedgwick Avenue	NB	LTR	0.80	37.9	D	LTR	0.84	40.9	D
		L	0.35	25.4	C	L	0.35	25.5	C
		T	0.44	25.6	C	T	0.46	25.9	C
Sedgwick Avenue (unsignalized)	R	L	0.40	12.3	B	R	0.43	12.5	B
		L	0.91	55.8	E	L	1.04	92.3	F
West Fordham Road	EB	TR	0.60	15.4	B	TR	0.63	16.0	B
		LT	0.78	26.5	C	LT	0.81	27.8	C
	WB	R	0.22	18.3	B	R	0.22	18.3	B
<b>Overall Intersection</b>	-	<b>0.83</b>	<b>24.9</b>	<b>C</b>	-	<b>0.98</b>	<b>29.2</b>	<b>C</b>	
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>									
Major Deegan Expressway Southbound Ramp	SB	LTR	0.99	67.0	E	LTR	0.99	67.0	E
West Fordham Road	EB	L	0.95	58.7	E	L	0.95	58.7	E
		T	0.99	57.3	E	T	1.07	80.4	F
		R	0.63	30.3	C	R	0.63	30.3	C
WB	L	0.55	23.5	C	L	0.60	25.7	C	
	T	0.63	11.2	B	T	0.65	11.5	B	
<b>Overall Intersection</b>	-	<b>0.85</b>	<b>36.8</b>	<b>D</b>	-	<b>0.96</b>	<b>41.1</b>	<b>D</b>	

**TABLE B-5  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY MIDDAY**

INTERSECTION & APPROACH	<u>2013 No Build</u>				<u>2013 Build</u>				<u>Build Improvements</u>
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>									
Major Deegan Expressway Northbound Ramp	NB	LTR	1.07	88.0	F	LTR	1.12	104.0	F
West Fordham Road	EB	L	1.08	75.7	E	L	1.10	85.0	F
		T	0.44	9.5	A	T	0.47	9.7	A
West Fordham Road (unsignalized)	WB	L	0.47	17.2	B	L	0.51	17.9	B
		T	0.53	17.3	B	T	0.55	17.5	B
		R	0.18	11.4	B	R	0.18	11.4	B
<b>Overall Intersection</b>	-	<b>1.09</b>	<b>37.8</b>	<b>D</b>	-	<b>1.13</b>	<b>42.5</b>	<b>D</b>	
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>									
9th Avenue	NB	LT	0.13	27.6	C	LT	0.13	27.6	C
		R	0.52	18.4	B	R	0.52	18.4	B
West 207th Street	SB	LTR	0.11	27.0	C	LTR	0.11	27.0	C
		EB	LT	0.91	38.2	D	LT	0.97	45.1
	WB	R	0.13	22.6	C	R	0.13	22.6	C
		L	1.04	72.8	E	L	1.08	87.9	F
		TR	1.02	51.1	D	TR	1.04	56.5	E
<b>Overall Intersection</b>	-	<b>0.75</b>	<b>47.3</b>	<b>D</b>	-	<b>0.76</b>	<b>54.2</b>	<b>D</b>	

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

  Denotes a significant impact

TABLE B-6  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM

INTERSECTION & APPROACH	Mvt.	2013 No Build			2013 Build				Build Improvements
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>									
Grand Concourse (Mainline)	NB	L	0.32	17.4	B	L	0.42	20.1	C
		T	0.56	18.0	B	T	0.56	18.0	B
	SB	L	0.57	27.8	C	L	0.57	27.8	C
		T	0.45	16.4	B	T	0.45	16.4	B
Grand Concourse (Service Road)	NB	TR	0.82	29.9	C	TR	0.82	29.9	C
	SB	TR	1.12	98.6	F	TR	1.20	120.0+	F*
East Kingsbridge Road	EB	LTR	0.71	41.2	D	LTR	0.85	51.2	D
	WB	LTR	0.44	32.2	C	LTR	0.45	32.4	C
<b>Overall Intersection</b>	-	-	<b>0.97</b>	<b>37.7</b>	<b>D</b>	-	<b>1.07</b>	<b>45.3</b>	<b>D</b>
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>									
Creston Avenue	SB	LTR	0.35	31.1	C	LTR	0.35	31.1	C
East Kingsbridge Road (Ramp)	EB	TR	0.49	17.4	B	TR	0.56	18.7	B
	WB	T	0.47	17.3	B	T	0.54	18.9	B
East Kingsbridge Road (Underpass)	EB	T	0.26	13.6	B	T	0.32	14.2	B
	WB	LT	0.39	15.5	B	LT	0.46	16.8	B
<b>Overall Intersection</b>	-	-	<b>0.44</b>	<b>17.1</b>	<b>B</b>	-	<b>0.48</b>	<b>18.0</b>	<b>B</b>
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>									
Morris Avenue	NB	LTR	0.18	27.2	C	LTR	0.18	27.2	C
East Kingsbridge Road	EB	LT	0.58	17.9	B	LT	0.68	19.7	B
	WB	TR	0.48	17.1	B	TR	0.56	18.5	B
<b>Overall Intersection</b>	-	-	<b>0.42</b>	<b>18.1</b>	<b>B</b>	-	<b>0.48</b>	<b>19.5</b>	<b>B</b>
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	0.78	33.9	C	LTR	0.83	37.3	D
	SB	LTR	0.90	46.3	D	LTR	0.95	54.0	D
Kingsbridge Road	EB	LTR	0.91	42.9	D	LTR	1.13	103.7	F
	WB	LTR	0.82	35.6	D	LTR	1.01	65.0	E
<b>Overall Intersection</b>	-	-	<b>0.91</b>	<b>39.7</b>	<b>D</b>	-	<b>1.04</b>	<b>72.8</b>	<b>E</b>
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>									
Davidson Avenue	NB	LR	0.31	23.8	C	LR	0.41	25.7	C
West Kingsbridge Road	EB	T	0.53	14.5	B	T	0.62	16.0	B
	WB	T	0.47	13.3	B	T	0.56	14.4	B
<b>Overall Intersection</b>	-	-	<b>0.44</b>	<b>14.6</b>	<b>B</b>	-	<b>0.54</b>	<b>16.1</b>	<b>B</b>

TABLE B-6  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>										
Reservoir / Aqueduct Avenue	NB	LR	0.60	37.4	D	R	0.55	40.0	D	<ul style="list-style-type: none"> <li>- Shift the centerline of West Kingsbridge Road west of Reservoir Avenue 1-ft. to the north. Restripe the EB approach from one 11-ft. lane and one 19-ft. lane with parking to one 11-ft. left turn lane and one 20-ft lane with parking. Restripe the WB receiving side from one 14-ft. lane and one 17-ft. lane with parking to three 10-ft. lanes.</li> <li>- Shift the centerline of West Kingsbridge Road east of Reservoir Avenue 2-ft. to the south. Restripe the WB approach from one 12-ft. lane and one 17-ft. lane with parking to two 10-ft. lanes and one 11-ft lane. Restripe the EB receiving side from one 12-ft. lane and one 18-ft. lane with parking to one 10-ft. lane and one 18-ft. lane with parking.</li> <li>- Shift the west curb along SB Reservoir Avenue 11-ft. to the east. Restripe the SB approach from one 19-ft. lane and one 26-ft. lane with parking to one 12-ft. left turn lane, one 12-ft. right turn lane and one 10-ft. bus stop lane.</li> <li>- Restripe the receiving side along NB Reservoir Avenue from one 13-ft. lane and one 29-ft. lane to one 18-ft. lane and one 19-ft. lane by shifting the curbs on both sides of this approach.</li> <li>- Install "No Standing 4 PM -7 PM Mon - Fri" regulations along the north curb of the WB approach for the entire block to reduce parking friction along the approach.</li> <li>- Install "No Standing Anytime" regulations along the north curb of the WB approach for 150-ft., and along the receiving side for 150-ft. to allow for three moving lanes at the approach.</li> <li>- Install "No Standing Anytime" regulations along the west curb of the SB approach for 250-ft.</li> <li>- Prohibit NB Aqueduct Avenue left turn movement onto West Kingsbridge Road.</li> <li>- Modify signal phasing plan: Add a new lag phase for the EB-lead/SB right-turn with the following signal timing: new EB-lead/SB right turn phase has 28 s green time, EB/WB phase has 39 s green time, and NB/SB phase has 38 s green time [each phase has 3 s amber and 2 s all red].</li> </ul>
	SB	L	0.31	28.8	C	L	0.76	44.6	D	
West Kingsbridge Road	R		0.61	37.2	D	R	0.63	19.3	B	
	EB	-	-	-	-	L	0.92	43.1	D	
West Kingsbridge Road (unsignalized)	T		0.56	17.7	B	T	0.74	20.4	C	
	WB	T	0.35	15.1	B	TR	0.83	44.0	D	
	EB	LT	0.47	19.7	C	-	-	-	-	
	WB	LT	0.07	9.6	A	LT	0.10	10.0	B	
<b>Overall Intersection</b>	-		<b>0.58</b>	<b>22.0</b>	<b>C</b>	-	<b>0.85</b>	<b>34.4</b>	<b>C</b>	
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>										
University Avenue	NB	LTR	0.98	51.7	D	LTR	1.20+	120.0+	F*	
	-	-	-	-	-	-	-	-	-	
West Kingsbridge Road	SB	LTR	0.79	48.2	D	LTR	0.94	71.3	E	
	EB	LTR	0.73	22.2	C	LTR	0.79	24.0	C	
	WB	LTR	0.98	49.3	D	DefL	1.20+	120.0+	F*	
	-	-	-	-	-	TR	1.20+	120.0+	F*	
<b>Overall Intersection</b>	-		<b>0.98</b>	<b>40.6</b>	<b>D</b>	-	<b>1.20+</b>	<b>104.6</b>	<b>F</b>	
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>										
Webb Avenue	NB	L	0.87	67.8	E	L	0.87	67.8	E	
	R		0.27	32.4	C	R	0.27	32.4	C	
West Kingsbridge Road	SB	LTR	0.52	37.5	D	LTR	0.52	37.5	D	
	EB	TR	0.81	35.3	D	TR	0.88	40.0	D	
	WB	LT	0.84	20.8	C	LT	0.95	27.1	C	
<b>Overall Intersection</b>	-		<b>0.83</b>	<b>32.9</b>	<b>C</b>	-	<b>0.92</b>	<b>37.0</b>	<b>D</b>	
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>										
Sedgwick Avenue	NB	LT	0.17	26.8	C	LT	0.17	26.8	C	
Sedgwick Avenue (unsignalized)	R		0.28	12.7	B	R	0.36	13.7	B	
	SB	LTR	0.81	43.1	D	LTR	0.83	44.4	D	
West Kingsbridge Road	EB	L	0.40	20.9	C	L	0.43	22.4	C	
	T		0.45	16.5	B	T	0.48	16.9	B	
West Kingsbridge Road (unsignalized)	R		0.08	10.9	B	R	0.09	11.2	B	
	WB	L	0.63	23.2	C	L	0.81	34.0	C	
	TR		0.71	20.8	C	TR	0.74	21.6	C	
<b>Overall Intersection</b>	-		<b>0.75</b>	<b>22.4</b>	<b>C</b>	-	<b>0.82</b>	<b>23.6</b>	<b>C</b>	

**TABLE B-6**  
**KINGSBRIDGE ARMORY FEIS**  
**NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM**

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>										
Bailey Avenue	NB	LTR	0.80	38.5	D	LTR	0.81	39.0	D	
	SB	LTR	1.00	52.8	D	LTR	1.04	66.5	E	
West Kingsbridge Road / West 225th Street	EB	L	0.79	47.8	D	L	0.84	56.9	E	
		TR	0.29	14.8	B	TR	0.30	14.9	B	
	WB	L	0.09	13.1	B	L	0.09	13.1	B	
		TR	0.65	20.2	C	TR	0.67	20.8	C	
	-	-	-	-	-	-	-	-	-	
<b>Overall Intersection</b>	-		<b>0.87</b>	<b>31.6</b>	<b>C</b>	-	<b>0.92</b>	<b>35.3</b>	<b>D</b>	
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>										
Reservoir Avenue	NB	LTR	0.36	12.6	B	LTR	0.53	16.5	B	- Remove the hatched median along West 195th Street east of Reservoir Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB receiving side from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal controller and timing: NB/SB green time shifts from 48.6 s to 46 s; WB green time shifts from 30.6 s to 34 s; each phase has 3 s amber and 2 s all red].
	SB	LTR	0.55	15.2	B	LTR	0.69	20.0	B	
West 195th Street	WB	LTR	0.88	42.3	D	LTR	0.93	44.8	D	
<b>Overall Intersection</b>	-		<b>0.68</b>	<b>21.5</b>	<b>C</b>	-	<b>0.79</b>	<b>25.1</b>	<b>C</b>	
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>										
Jerome Avenue	NB	LT	0.80	25.3	C	LT	0.90	34.7	C	- Remove the hatched median along West 195th Street west of Jerome Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB approach from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Install "No Standing 4 PM - 7 PM Mon - Fri" regulations along south curb of the EB approach for 150-ft. to reduce parking friction along the approach - Modify signal timing: shift 1 s of green time from NB/SB phase to EB phase [NB/SB green time shifts from 71 s to 70 s; EB green time shifts from 39 s to 40 s].
	SB	TR	0.74	22.8	C	TR	0.91	37.4	D	
West 195th Street	EB	LR	0.60	39.3	D	LR	0.74	44.6	D	
<b>Overall Intersection</b>	-		<b>0.73</b>	<b>27.3</b>	<b>C</b>	-	<b>0.85</b>	<b>38.4</b>	<b>D</b>	
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>										
East Kingsbridge Road / Elm Place	SB	L	0.55	47.3	D	L	0.71	54.5	D	
		LT	0.54	47.4	D	LT	0.64	50.9	D	
East Fordham Road	EB	LT	0.51	10.9	B	LT	0.52	10.9	B	
		R	0.14	7.7	A	R	0.14	7.7	A	
	WB	T	0.57	11.3	B	T	0.57	11.3	B	
		R	0.58	14.5	B	R	0.67	17.0	B	
<b>Overall Intersection</b>	-		<b>0.57</b>	<b>16.1</b>	<b>B</b>	-	<b>0.61</b>	<b>18.2</b>	<b>B</b>	
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>										
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.32	42.1	D	TR	0.32	42.1	D	
East Fordham Road	EB	T	0.39	8.4	A	T	0.39	8.4	A	
		R	0.07	6.3	A	R	0.07	6.3	A	
	WB	LT	0.67	12.3	B	LT	0.67	12.3	B	
<b>Overall Intersection</b>	-		<b>0.58</b>	<b>11.8</b>	<b>B</b>	-	<b>0.58</b>	<b>11.8</b>	<b>B</b>	

TABLE B-6  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	1.10	97.2	F	LTR	1.15	117.7	F
	SB	LTR	1.11	110.6	F	LTR	1.19	120.0+	F
Fordham Road	EB	LT	0.71	13.7	B	LT	0.71	13.7	B
Fordham Road (unsignalized)		R	0.76	82.4	F	R	0.76	83.7	F
	WB	LT	0.55	10.8	B	LT	0.55	10.8	B
		R	0.24	8.5	A	R	0.24	8.5	A
<b>Overall Intersection</b>	-		<b>0.81</b>	<b>35.4</b>	<b>D</b>	-	<b>0.84</b>	<b>42.9</b>	<b>D</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>									
University Avenue	NB	LTR	1.05	65.8	E	LTR	1.20+	120.0+	F*
	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	SB	DefL	1.09	120.0+	F*	LTR	1.20+	120.0+	F*
		TR	1.00	70.5	E	-	-	-	-
West Fordham Road	EB	LT	1.05	83.1	F	LT	1.17	120.0+	F*
		R	0.33	29.3	C	R	0.33	29.3	C
	WB	L	0.65	28.4	C	L	0.68	30.3	C
		T	0.53	20.9	C	T	0.54	20.9	C
		R	0.25	17.3	B	R	0.25	17.3	B
<b>Overall Intersection</b>	-		<b>1.05</b>	<b>56.5</b>	<b>E</b>	-	<b>1.20+</b>	<b>115.3</b>	<b>F</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>									
Jerome Avenue	NB	TR	0.65	21.5	C	TR	0.74	24.8	C
	SB	LT	0.67	22.6	C	LT	0.76	26.1	C
East 196th Street	WB	LR	0.47	33.3	C	LR	0.52	34.8	C
<b>Overall Intersection</b>	-		<b>0.59</b>	<b>24.2</b>	<b>C</b>	-	<b>0.66</b>	<b>27.2</b>	<b>C</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>									
Grand Concourse (Mainline)	NB	L	0.32	17.0	B	L	0.32	17.0	B
		T	0.52	17.5	B	T	0.54	17.8	B
	SB	L	0.22	15.6	B	L	0.22	15.6	B
		T	0.42	16.0	B	T	0.42	16.0	B
Grand Concourse (Service Road)	NB	TR	1.02	64.2	E	TR	1.02	64.2	E
	SB	T	0.73	24.9	C	T	0.77	27.1	C
		R	0.10	12.7	B	R	0.12	12.9	B
East 196th Street	EB	LTR	0.61	40.3	D	LTR	0.69	44.8	D
	WB	LTR	0.83	50.1	D	LTR	0.87	54.1	D
<b>Overall Intersection</b>	-		<b>0.94</b>	<b>30.4</b>	<b>C</b>	-	<b>0.96</b>	<b>31.3</b>	<b>C</b>
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>									
East 194th Street / Valentine Avenue	NB	L	0.93	77.2	E	L	1.08	116.0	F
		LT	0.96	85.5	F	LT	1.08	119.1	F
	SB	L	0.15	30.8	C	L	0.15	30.8	C
		T	0.25	39.3	D	T	0.25	39.3	D
		R	0.57	49.3	D	R	0.57	49.3	D
East Kingsbridge Road (Underpass)	EB	L	0.39	36.8	D	L	0.39	36.8	D
		T	0.60	41.9	D	T	0.77	49.9	D
East Kingsbridge Road (Service Road)		T	0.63	42.8	D	T	0.63	42.8	D
<b>Overall Intersection</b>	-		<b>0.56</b>	<b>55.3</b>	<b>E</b>	-	<b>0.64</b>	<b>70.5</b>	<b>E</b>

TABLE B-6  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM

INTERSECTION & APPROACH	Mvt.	2013 No Build			2013 Build				Build Improvements	
		V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>										
Goulden Avenue / Reservoir Avenue	NB	DefL	0.32	13.1	B	DefL	0.38	15.3	B	
		T	0.30	8.0	A	T	0.35	8.5	A	
Reservoir Avenue	SB	T	0.58	26.1	C	T	0.64	27.6	C	
		T	0.58	37.6	D	T	0.66	40.5	D	
Strong Street	EB	LR	0.33	31.1	C	LR	0.33	31.1	C	
<b>Overall Intersection</b>	-	<b>0.78</b>	<b>22.2</b>	<b>C</b>	-	<b>0.82</b>	<b>23.5</b>	<b>C</b>		
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>										
Webster Avenue	NB	L	0.85	45.7	D	L	0.95	55.3	E	
		TR	1.06	78.6	E	TR	1.06	78.6	E	
East Fordham Road	SB	L	0.87	73.2	E	L	0.87	73.2	E	
		TR	0.74	49.9	D	TR	0.76	50.7	D	
East Fordham Road	EB	L	0.55	29.9	C	L	0.67	38.8	D	
		T	0.67	25.9	C	T	0.70	26.9	C	
East Fordham Road	WB	R	0.20	18.7	B	R	0.26	19.5	B	
		L	0.47	16.7	B	L	0.50	17.7	B	
East Fordham Road	WB	T	0.85	29.9	C	T	0.88	31.4	C	
		R	0.39	20.6	C	R	0.39	20.6	C	
<b>Overall Intersection</b>	-	<b>0.93</b>	<b>39.3</b>	<b>D</b>	-	<b>0.91</b>	<b>40.4</b>	<b>D</b>		
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>										
Sedgwick Avenue	NB	LTR	1.20+	120.0+	F	LTR	1.20+	120.0+	F*	
		-	-	-	-	-	-	-	-	-
Sedgwick Avenue (unsignalized)	SB	L	0.86	59.9	E	L	0.88	62.2	E	
		T	0.83	47.2	D	T	0.86	49.1	D	
West Fordham Road	EB	R	0.64	18.9	C	R	0.71	22.2	C	
		L	0.92	44.5	D	L	1.03	72.7	E	
West Fordham Road	WB	TR	0.67	17.1	B	TR	0.69	17.7	B	
		LT	1.01	50.9	D	LT	1.06	68.5	E	
West Fordham Road	WB	R	0.34	23.1	C	R	0.34	23.1	C	
<b>Overall Intersection</b>	-	<b>1.19</b>	<b>56.2</b>	<b>E</b>	-	<b>1.20+</b>	<b>66.6</b>	<b>E</b>		
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>										
Major Deegan Expressway Southbound Ramp	SB	LTR	1.08	105.5	F	LTR	1.08	105.5	F	
West Fordham Road	EB	L	1.06	105.0	F	L	1.06	105.0	F	
		T	1.07	84.3	F	T	1.13	107.1	F	
West Fordham Road	WB	R	0.22	21.9	C	R	0.22	21.9	C	
		L	0.82	52.6	D	L	0.94	70.8	E	
West Fordham Road	WB	T	0.49	9.8	A	T	0.51	10.0	B	
<b>Overall Intersection</b>	-	<b>0.96</b>	<b>59.2</b>	<b>E</b>	-	<b>1.03</b>	<b>66.0</b>	<b>E</b>		

**TABLE B-6**  
**KINGSBRIDGE ARMORY FEIS**  
**NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - WEEKDAY PM**

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>									
Major Deegan Expressway Northbound Ramp	NB	LTR	1.07	95.5	F	LTR	1.11	109.7	F
West Fordham Road	EB	L	1.09	101.0	F	L	1.14	120.0+	F*
		T	1.04	65.6	E	T	1.08	79.9	E
West Fordham Road (unsignalized)	WB	L	1.05	75.5	E	L	1.14	112.4	F
		T	1.08	83.2	F	T	1.14	108.8	F
		R	0.37	13.7	B	R	0.37	13.7	B
<b>Overall Intersection</b>	-	<b>1.11</b>	<b>75.9</b>	<b>E</b>	-	<b>1.18</b>	<b>94.3</b>	<b>F</b>	
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>									
9th Avenue	NB	LT	0.13	27.5	C	LT	0.13	27.5	C
		R	0.64	21.7	C	R	0.64	21.7	C
West 207th Street	SB	LTR	0.26	29.3	C	LTR	0.26	29.3	C
		EB	LT	0.90	38.0	D	LT	0.95	43.6
	WB	R	0.07	22.0	C	R	0.07	22.0	C
		L	1.04	81.5	F	L	1.07	92.1	F
		TR	1.02	49.0	D	TR	1.05	57.5	E
<b>Overall Intersection</b>	-	<b>0.79</b>	<b>46.4</b>	<b>D</b>	-	<b>0.80</b>	<b>52.8</b>	<b>D</b>	

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

  Denotes a significant impact



TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>1 EAST KINGBRIDGE ROAD &amp; GRAND CONCOURSE</b>									
Grand Concourse (Mainline)	NB	L	0.47	22.0	C	L	0.57	25.7	C
		T	0.23	14.7	B	T	0.23	14.7	B
	SB	L	0.08	13.6	B	L	0.08	13.6	B
		T	0.32	15.8	B	T	0.33	15.8	B
Grand Concourse (Service Road)	NB	TR	0.51	19.7	B	TR	0.51	19.7	B
	SB	TR	0.77	30.2	C	TR	0.86	38.0	D
		-	-	-	-	-	-	-	-
East Kingsbridge Road	EB	LTR	0.41	30.4	C	LTR	0.51	32.6	C
	WB	LTR	0.25	27.3	C	LTR	0.25	27.3	C
	<b>Overall Intersection</b>	-	<b>0.63</b>	<b>21.9</b>	<b>C</b>	-	<b>0.72</b>	<b>24.3</b>	<b>C</b>
<b>2 EAST KINGBRIDGE ROAD &amp; CRESTON AVENUE</b>									
Creston Avenue	SB	LTR	0.30	23.3	C	LTR	0.30	23.3	C
East Kingsbridge Road (Ramp)	EB	TR	0.36	12.8	B	TR	0.41	13.5	B
	WB	T	0.46	14.3	B	T	0.55	16.1	B
East Kingsbridge Road (Underpass)	EB	T	0.21	10.8	B	T	0.27	11.3	B
	WB	LT	0.27	11.6	B	LT	0.38	12.9	B
	<b>Overall Intersection</b>	-	<b>0.39</b>	<b>13.5</b>	<b>B</b>	-	<b>0.46</b>	<b>14.3</b>	<b>B</b>
<b>3 EAST KINGBRIDGE ROAD &amp; MORRIS AVENUE</b>									
Morris Avenue	NB	LTR	0.18	21.5	C	LTR	0.18	21.5	C
East Kingsbridge Road	EB	LT	0.48	13.2	B	LT	0.58	14.6	B
	WB	TR	0.45	13.4	B	TR	0.57	15.1	B
	<b>Overall Intersection</b>	-	<b>0.36</b>	<b>13.8</b>	<b>B</b>	-	<b>0.43</b>	<b>15.2</b>	<b>B</b>
<b>4 KINGSBRIDGE ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	0.74	27.8	C	LTR	0.88	38.4	D
	SB	LTR	0.83	32.9	C	LTR	1.17	115.7	F
Kingsbridge Road	EB	LTR	0.90	37.1	D	LTR	1.20	120.0+	F*
		-	-	-	-	-	-	-	-
	WB	LTR	0.58	20.8	C	LTR	0.77	26.4	C
	<b>Overall Intersection</b>	-	<b>0.87</b>	<b>30.2</b>	<b>C</b>	-	<b>1.18</b>	<b>81.1</b>	<b>F</b>
<b>5 WEST KINGBRIDGE ROAD &amp; DAVIDSON AVENUE</b>									
Davidson Avenue	NB	LR	0.42	25.9	C	LR	0.59	30.5	C
West Kingsbridge Road	EB	T	0.43	13.2	B	T	0.49	14.0	B
	WB	T	0.41	12.9	B	T	0.52	14.2	B
	<b>Overall Intersection</b>	-	<b>0.43</b>	<b>14.6</b>	<b>B</b>	-	<b>0.55</b>	<b>16.2</b>	<b>B</b>

**TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY**

INTERSECTION & APPROACH	<u>2013 No Build</u>				<u>2013 Build</u>				<u>Build Improvements</u>	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>6 WEST KINGBRIDGE ROAD &amp; RESERVOIR / AQUEDUCT AVENUE</b>										
Reservoir / Aqueduct Avenue	NB	LR	0.34	24.2	C	R	0.51	35.5	D	<ul style="list-style-type: none"> <li>- Shift the centerline of West Kingsbridge Road west of Reservoir Avenue 1-ft. to the north. Restripe the EB approach from one 11-ft. lane and one 19-ft. lane with parking to one 11-ft. left turn lane and one 20-ft lane with parking. Restripe the WB receiving side from one 14-ft. lane and one 17-ft. lane with parking to three 10-ft. lanes.</li> <li>- Shift the centerline of West Kingsbridge Road east of Reservoir Avenue 2-ft. to the south. Restripe the WB approach from one 12-ft. lane and one 17-ft. lane with parking to two 10-ft. lanes and one 11-ft lane. Restripe the EB receiving side from one 12-ft. lane and one 18-ft. lane with parking to one 10-ft. lane and one 18-ft. lane with parking.</li> <li>- Shift the west curb along SB Reservoir Avenue 11-ft. to the east. Restripe the SB approach from one 19-ft. lane and one 26-ft. lane with parking to one 12-ft. left turn lane, one 12-ft. right turn lane and one 10-ft. bus stop lane.</li> <li>- Restripe the receiving side along NB Reservoir Avenue from one 13-ft. lane and one 29-ft. lane to one 18-ft. lane and one 19-ft. lane by shifting the curbs on both sides of this approach.</li> <li>- Install "No Standing Anytime" regulations along the north curb of the WB approach for 150-ft., and along the receiving side for 150-ft. to allow for three moving lanes at the approach.</li> <li>- Install "No Standing Anytime" regulations along the west curb of the SB approach for 250-ft.</li> <li>- Prohibit NB Aqueduct Avenue left turn movement onto West Kingsbridge Road.</li> <li>- Modify signal phasing plan: Add a new lag phase for the EB-lead/SB right-turn with the following signal timing: new EB-lead/SB right turn phase has 25 s green time, EB/WB phase has 25 s green time, and NB/SB phase has 25 s green time [each phase has 3 s amber and 2 s all red].</li> </ul>
	SB	L	0.20	21.6	C	L	0.52	31.4	C	
		R	0.71	37.3	D	R	0.69	16.9	B	
West Kingsbridge Road	EB	-	-	-	L	0.92	39.6	D		
		T	0.50	13.5	B	T	0.66	13.9	B	
West Kingsbridge Road (unsignalized)	WB	T	0.35	12.1	B	TR	0.89	42.7	D	
	EB	LT	0.65	35.7	E	-	-	-	-	
	WB	LT	0.07	8.9	A	LT	0.10	9.2	A	
<b>Overall Intersection</b>	-	<b>0.58</b>	<b>18.9</b>	<b>B</b>	-	<b>0.87</b>	<b>29.8</b>	<b>C</b>		
<b>7 WEST KINGBRIDGE ROAD &amp; UNIVERSITY AVENUE</b>										
University Avenue	NB	LTR	0.41	20.0	C	LTR	0.67	24.2	C	
		-	-	-	-	-	-	-	-	
West Kingsbridge Road	SB	LTR	0.87	36.1	D	LTR	1.15	111.0	F	
	EB	LTR	0.78	22.7	C	LTR	0.99	43.3	D	
	WB	LTR	0.98	47.5	D	LTR	1.20+	120.0+	F*	
<b>Overall Intersection</b>	-	<b>0.93</b>	<b>32.6</b>	<b>C</b>	-	<b>1.20+</b>	<b>111.3</b>	<b>F</b>		
<b>8 WEST KINGBRIDGE ROAD &amp; WEBB AVENUE</b>										
Webb Avenue	NB	L	0.33	29.4	C	L	0.34	30.0	C	
		R	0.17	25.9	C	R	0.17	25.9	C	
	SB	LTR	0.52	31.9	C	LTR	0.58	33.6	C	
West Kingsbridge Road	EB	TR	0.76	28.6	C	TR	0.88	35.1	D	
	WB	LT	0.65	12.4	B	LT	0.78	15.1	B	
<b>Overall Intersection</b>	-	<b>0.73</b>	<b>22.1</b>	<b>C</b>	-	<b>0.80</b>	<b>26.1</b>	<b>C</b>		
<b>9 WEST KINGBRIDGE ROAD &amp; SEDGWICK AVENUE</b>										
Sedgwick Avenue	NB	LT	0.14	20.7	C	LT	0.14	20.7	C	
		R	0.23	12.3	B	R	0.34	13.5	B	
Sedgwick Avenue (unsignalized)	SB	LTR	0.85	37.2	D	LTR	0.87	38.8	D	
	EB	L	0.20	12.1	B	L	0.21	12.4	B	
West Kingsbridge Road		T	0.36	12.2	B	T	0.39	12.6	B	
		R	0.11	10.8	B	R	0.12	11.3	B	
West Kingsbridge Road (unsignalized)	WB	L	0.49	16.9	B	L	0.69	24.6	C	
		TR	0.49	13.7	B	TR	0.52	14.1	B	
<b>Overall Intersection</b>	-	<b>0.63</b>	<b>17.6</b>	<b>B</b>	-	<b>0.76</b>	<b>18.5</b>	<b>B</b>		

TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>10 WEST KINGSBRIDGE ROAD / WEST 225TH STREET &amp; BAILEY AVENUE</b>										
Bailey Avenue	NB	DefL	0.84	61.8	E	DefL	0.96	88.6	F	
		TR	0.24	22.1	C	TR	0.25	22.2	C	
West Kingsbridge Road / West 225th Street	SB	LTR	0.81	31.4	C	LTR	0.88	35.3	D	
	EB	L	0.68	25.3	C	L	0.72	28.8	C	
		TR	0.36	12.1	B	TR	0.37	12.2	B	
	WB	L	0.06	10.0	B	L	0.07	10.0	B	
		TR	0.44	13.1	B	TR	0.47	13.5	B	
	-	-	-	-	-	-	-	-	-	
<b>Overall Intersection</b>	-	<b>0.74</b>	<b>21.7</b>	<b>C</b>	-	<b>0.81</b>	<b>24.7</b>	<b>C</b>		
<b>11 RESERVOIR AVENUE &amp; WEST 195TH STREET</b>										
Reservoir Avenue	NB	LTR	0.27	11.7	B	LTR	0.60	16.9	B	
	SB	LTR	0.39	12.9	B	LTR	0.58	16.3	B	
West 195th Street	WB	LTR	0.53	27.1	C	LTR	0.68	30.0	C	
<b>Overall Intersection</b>	-	<b>0.44</b>	<b>15.9</b>	<b>B</b>	-	<b>0.63</b>	<b>19.6</b>	<b>B</b>		- Remove the hatched median along West 195th Street east of Reservoir Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB receiving side from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal controller and timing: NB/SB green time shifts from 48.6 s to 48 s; WB green time shifts from 30.6 s to 32 s; each phase has 3 s amber and 2 s all red].
<b>12 JEROME AVENUE &amp; WEST 195TH STREET</b>										
Jerome Avenue	NB	LT	0.50	14.3	B	LT	0.58	14.8	B	
	SB	TR	0.67	18.0	B	TR	0.96	38.8	D	
West 195th Street	EB	LR	0.40	24.7	C	LR	0.74	37.7	D	
<b>Overall Intersection</b>	-	<b>0.57</b>	<b>18.0</b>	<b>B</b>	-	<b>0.88</b>	<b>31.5</b>	<b>C</b>		- Remove the hatched median along West 195th Street west of Jerome Avenue for the entire block, and shift the south curb 20-ft. to the north. Restripe the EB approach from one 36-ft. lane with 90 degree parking to one 20-ft. lane with parallel parking. - Modify signal timing: shift 2 s of green time from EB phase to NB/SB phase [NB/SB green time shifts from 49 s to 51 s; EB green time shifts from 31 s to 29 s].
<b>13 EAST KINGSBRIDGE ROAD / ELM PLACE &amp; EAST FORDHAM ROAD</b>										
East Kingsbridge Road / Elm Place	SB	L	0.21	39.9	D	L	0.38	43.4	D	
		LT	0.22	40.0	D	LT	0.31	41.8	D	
East Fordham Road	EB	LT	0.37	9.0	A	LT	0.38	9.1	A	
		R	0.10	7.3	A	R	0.10	7.3	A	
	WB	T	0.46	9.9	A	T	0.47	10.0	B	
	R	0.45	12.4	B	R	0.58	15.0	B		
<b>Overall Intersection</b>	-	<b>0.40</b>	<b>12.1</b>	<b>B</b>	-	<b>0.45</b>	<b>14.0</b>	<b>B</b>		
<b>14 EAST FORDHAM ROAD &amp; TIEBOUT AVENUE</b>										
East Kingsbridge Road / Tiebout Avenue	SB	TR	0.26	41.9	D	TR	0.26	41.9	D	
East Fordham Road	EB	T	0.32	7.7	A	T	0.34	7.8	A	
		R	0.27	8.9	A	R	0.27	8.9	A	
	WB	LT	0.62	11.7	B	LT	0.63	12.0	B	
<b>Overall Intersection</b>	-	<b>0.53</b>	<b>10.8</b>	<b>B</b>	-	<b>0.54</b>	<b>10.9</b>	<b>B</b>		

TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>15 FORDHAM ROAD &amp; JEROME AVENUE</b>									
Jerome Avenue	NB	LTR	1.08	81.4	F	LTR	1.17	119.6	F
	SB	LTR	1.09	105.6	F	LTR	1.20+	120.0+	F*
Fordham Road	EB	LT	0.77	20.3	C	LT	0.79	21.3	C
		R	0.92	107.1	F	R	0.93	108.9	F
Fordham Road (unsignalized)	WB	LT	0.67	17.9	B	LT	0.67	18.0	B
		R	0.43	15.6	B	R	0.47	16.6	B
<b>Overall Intersection</b>	-		<b>0.87</b>	<b>42.6</b>	<b>D</b>	-	<b>0.98</b>	<b>66.1</b>	<b>E</b>
<b>16 WEST FORDHAM ROAD &amp; UNIVERSITY AVENUE</b>									
University Avenue	NB	LTR	1.10	89.2	F	LTR	1.20+	120.0+	F*
		-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-
West Fordham Road	SB	LTR	0.81	41.0	D	LTR	1.09	94.9	F
	EB	LT	1.12	104.0	F	LT	1.20+	120.0+	F*
		R	0.39	30.5	C	R	0.40	30.8	C
	WB	L	0.48	24.7	C	L	0.53	26.9	C
		T	0.53	20.9	C	T	0.54	21.1	C
	R	0.19	16.6	B	R	0.19	16.6	B	
<b>Overall Intersection</b>	-		<b>1.08</b>	<b>61.2</b>	<b>E</b>	-	<b>1.20+</b>	<b>120.0+</b>	<b>F*</b>
<b>17 JEROME AVENUE &amp; EAST 196TH STREET</b>									
Jerome Avenue	NB	TR	0.62	17.7	B	TR	0.79	24.4	C
	SB	LT	0.62	17.3	B	LT	0.85	27.8	C
East 196th Street	WB	LR	0.44	26.0	C	LR	0.54	28.3	C
<b>Overall Intersection</b>	-		<b>0.55</b>	<b>19.0</b>	<b>B</b>	-	<b>0.73</b>	<b>26.5</b>	<b>C</b>
<b>18 GRAND CONCOURSE &amp; EAST 196TH STREET</b>									
Grand Concourse (Mainline)	NB	L	0.17	14.9	B	L	0.18	15.0	B
		T	0.21	14.5	B	T	0.22	14.6	B
	SB	L	0.07	13.4	B	L	0.19	15.1	B
		T	0.26	15.1	B	T	0.27	15.1	B
Grand Concourse (Service Road)	NB	TR	0.67	24.9	C	TR	0.67	24.9	C
	SB	T	0.49	19.1	B	T	0.53	20.1	C
		R	0.06	13.2	B	R	0.14	14.1	B
East 196th Street	EB	LTR	0.47	33.7	C	LTR	0.70	44.6	D
	WB	LTR	0.72	41.4	D	LTR	0.81	47.3	D
<b>Overall Intersection</b>	-		<b>0.69</b>	<b>22.0</b>	<b>C</b>	-	<b>0.72</b>	<b>23.9</b>	<b>C</b>
<b>19 EAST KINGSBRIDGE ROAD &amp; VALENTINE AVENUE / EAST 194TH STREET</b>									
East 194th Street / Valentine Avenue	NB	L	0.79	49.6	D	L	1.06	102.4	F
		LT	0.70	43.5	D	LT	0.89	62.7	E
	SB	L	0.20	25.0	C	L	0.20	25.0	C
		T	0.35	32.3	C	T	0.35	32.3	C
East Kingsbridge Road (Underpass)		R	0.32	32.6	C	R	0.32	32.6	C
	EB	L	0.36	30.0	C	L	0.36	30.0	C
		T	0.67	38.8	D	T	0.93	62.5	E
East Kingsbridge Road (Service Road)		T	0.38	30.1	C	T	0.38	30.1	C
<b>Overall Intersection</b>	-		<b>0.54</b>	<b>37.4</b>	<b>D</b>	-	<b>0.71</b>	<b>57.8</b>	<b>E</b>

TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY

INTERSECTION & APPROACH	2013 No Build				2013 Build				Build Improvements
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS	
<b>20 GOULDEN AVENUE / RESERVOIR AVENUE &amp; STRONG STREET</b>									
Goulden Avenue / Reservoir Avenue	NB	DefL	0.15	8.5	A	DefL	0.24	11.4	B
		T	0.16	6.9	A	T	0.23	7.5	A
Reservoir Avenue	SB	T	0.38	22.9	C	T	0.54	25.6	C
		T	0.41	33.9	C	T	0.50	36.0	D
Strong Street	EB	LR	0.19	28.6	C	LR	0.47	34.1	C
<b>Overall Intersection</b>	-	<b>0.38</b>	<b>20.2</b>	<b>C</b>	-	<b>0.67</b>	<b>23.4</b>	<b>C</b>	
<b>21 EAST FORDHAM ROAD &amp; WEBSTER AVENUE</b>									
Webster Avenue	NB	L	1.04	99.4	F	L	1.20+	120.0+	F*
		TR	1.00	77.3	E	TR	1.00	77.3	E
	SB	L	0.72	49.2	D	L	0.72	49.2	D
		TR	0.87	55.9	E	TR	0.92	60.7	E
East Fordham Road	EB	L	0.32	16.2	B	L	0.41	18.9	B
		T	0.47	21.8	C	T	0.52	22.7	C
	R	R	0.21	19.1	B	R	0.29	20.6	C
		L	0.29	13.7	B	L	0.30	14.3	B
	WB	T	0.57	23.3	C	T	0.61	24.3	C
		R	0.43	22.5	C	R	0.43	22.5	C
<b>Overall Intersection</b>	-	<b>0.78</b>	<b>39.9</b>	<b>D</b>	-	<b>0.91</b>	<b>44.7</b>	<b>D</b>	
<b>22 WEST FORDHAM ROAD &amp; SEDGWICK AVENUE</b>									
Sedgwick Avenue	NB	LTR	0.91	53.0	D	LTR	0.97	63.2	E
		-	-	-	-	-	-	-	-
	SB	L	0.22	29.3	C	L	0.24	29.8	C
		T	0.36	31.0	C	T	0.39	31.6	C
Sedgwick Avenue (unsignalized)	R	0.68	19.9	C	R	0.74	22.7	C	
West Fordham Road	EB	L	0.93	54.0	D	L	1.11	110.0	F
		TR	0.60	18.4	B	TR	0.63	19.2	B
	WB	LT	0.81	32.6	C	LT	0.86	34.4	C
		R	0.22	22.2	C	R	0.22	22.2	C
<b>Overall Intersection</b>	-	<b>0.88</b>	<b>29.8</b>	<b>C</b>	-	<b>1.13</b>	<b>36.6</b>	<b>D</b>	
<b>23 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY SOUTHBOUND RAMP</b>									
Major Deegan Expressway Southbound Ramp	SB	LTR	0.88	61.0	E	LTR	0.88	61.0	E
West Fordham Road	EB	L	0.86	60.2	E	L	0.86	60.2	E
		T	1.01	60.8	E	T	1.11	93.5	F
	R	R	0.64	32.0	C	R	0.64	32.0	C
		L	0.86	48.8	D	L	0.95	62.1	E
	WB	T	0.55	10.4	B	T	0.57	10.8	B
<b>Overall Intersection</b>	-	<b>0.95</b>	<b>38.7</b>	<b>D</b>	-	<b>1.05</b>	<b>47.4</b>	<b>D</b>	

**TABLE B-7  
KINGSBRIDGE ARMORY FEIS  
NO BUILD VS BUILD TRAFFIC LEVELS OF SERVICE COMPARISON TABLE - SATURDAY MIDDAY**

INTERSECTION & APPROACH	<u>2013 No Build</u>				<u>2013 Build</u>				<u>Build Improvements</u>	
	Mvt.	V/C	Control Delay	LOS	Mvt.	V/C	Control Delay	LOS		
<b>24 WEST FORDHAM ROAD &amp; MAJOR DEEGAN EXPRESSWAY NORTHBOUND RAMP</b>										
Major Deegan Expressway Northbound Ramp	NB	LTR	1.06	91.3	F	LTR	1.12	113.0	F	
West Fordham Road	EB	L	1.05	90.7	F	L	1.13	120.0+	F*	
		T	0.50	13.6	B	T	0.53	14.0	B	
West Fordham Road (unsignalized)	WB	L	0.96	59.4	E	L	1.05	84.1	F	
		T	0.56	23.9	C	T	0.60	24.5	C	
		R	0.34	11.8	B	R	0.34	11.8	B	
<b>Overall Intersection</b>	-	<b>1.06</b>	<b>44.6</b>	<b>D</b>	-	<b>1.14</b>	<b>55.0</b>	<b>D</b>		
<b>25 9TH AVENUE &amp; WEST 207TH STREET</b>										
9th Avenue	NB	LT	0.21	28.7	C	LT	0.21	28.7	C	
		R	0.68	23.1	C	R	0.68	23.1	C	
West 207th Street	SB	LTR	0.20	28.4	C	LTR	0.20	28.4	C	
		EB	LT	1.06	62.3	E	LT	1.14	96.6	F
	WB	R	0.10	22.1	C	R	0.10	22.1	C	
		L	1.10	77.5	E	L	1.16	102.1	F	
		TR	1.07	52.0	D	TR	1.11	69.5	E	
<b>Overall Intersection</b>	-	<b>0.94</b>	<b>54.6</b>	<b>D</b>	-	<b>0.97</b>	<b>75.0</b>	<b>E</b>		

(1) Control delay is measured in seconds per vehicle.

(2) Level of service (LOS) for signalized intersections is based upon average control delay per vehicle (sec/veh) for each lane group as listed in the 2000 Highway Capacity Manual -- TRB.

(3) Level of service (LOS) for unsignalized intersections is based upon control delay per vehicle (sec/veh) for each minor-approach as listed in the 2000 Highway Capacity Manual -- TRB.

(4) Overall intersection V/C ratio is the critical lane groups' V/C ratio, not the weighted average of all the movements.

  Denotes a significant impact

**Kingsbridge Armory EIS  
2007 On-Street Parking Inventory  
Table B-8**

		Total Legal Spaces Metered Spaces Non-metered Spaces			Weekday						Saturday		PARKING REGULATIONS (COMMENTS)
					AM		Midday		PM		Midday		
					7:00 - 8:30 AM	8:30 - 10:00 AM	11:00 AM - 12:30 PM	12:30 - 2:00 PM	4:00 - 5:30 PM	5:30 - 7:00 PM	11:00 AM - 12:30 PM	12:30 - 2:00 PM	
<b>North - South Routes</b>													
Grand Concourse Southbound Service Road between E 198th Street and E 197th Street	West	10	0	10	7	6	9	5	9	8	7	7	No Parking 8:30am-10am Mon & Thu
Grand Concourse Southbound Service Road between E 197th Street and E 196th Street	West	22	0	22	21	18	19	20	23	24	19	19	No Standing Bus Stop; No Parking 8:30am-10am Mon & Thu
Grand Concourse Southbound Service Road between E 196th Street and E Kingsbridge Road	West	25	0	25	27	29	28	31	28	32	29	32	No Parking 8:30am-10am Mon & Thu
Grand Concourse Southbound Service Road between E Kingsbridge Road and E 193rd Street	West East	1 0	0 0	1 1	0 0	0 0	1 1	1 1	2 3	3 3	3 2	2 2	No Standing Anytime; No Parking 8:30am-10am Mon & Thu; No Parking 7am-4pm, School Days; No Standing Bus Stop
Grand Concourse Southbound Service Road between E 193rd Street and E 192nd Street	West East	18 0	0 0	18 18	17 3	18 3	18 18	18 18	15 17	17 17	17 18	18 18	No Parking 8am-8:30am Mon & Thu
Creston Avenue between E 198th Street and E 197th Street	West East	12 13	0 0	12 13	4 12	8 10	8 13	9 12	14 13	14 13	12 15	11 13	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Creston Avenue between E 197th Street and E 196th Street	West East	20 31	0 0	20 31	16 20	13 22	14 22	19 21	18 24	22 31	17 23	18 29	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Creston Avenue between E 196th Street and E Kingsbridge Road	West East	29 26	0 0	29 26	25 25	26 27	26 26	27 28	25 28	26 32	24 27	24 27	No Parking Anytime; No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Creston Avenue between E Kingsbridge Road and E 193rd Street	West East	11 11	0 0	11 11	11 7	9 11	10 12	11 11	10 9	8 7	9 7	10 10	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri; No Standing Anytime
Creston Avenue between E 193rd Street and E 192nd Street	West East	20 22	0 0	20 22	16 20	19 24	17 24	19 22	18 24	18 21	17 23	18 21	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Creston Avenue between E 192nd Street and E 191st Street	West East	15 17	0 17	15 0	14 7	16 14	16 15	16 18	14 7	15 12	12 17	12 17	No Parking 8:30am-10am Mon & Thu; No Standing Anytime Except Authorized Vehicles -ACS 2 Hour Meter Parking 9am-7pm, Except Sun; No Parking 8:30am-10am Tue & Fri
Morris Avenue between Morris Avenue and E 196th Street	West East	29 34	0 0	29 34	26 20	22 22	26 32	24 32	27 32	31 33	31 29	32 33	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Morris Avenue between E 196th Street and E Kingsbridge Road	West East	32 34	0 0	32 34	25 28	31 32	31 29	31 37	30 34	32 37	28 33	28 31	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Morris Avenue between E Kingsbridge Road and E 193rd Street	West East	12 12	0 0	12 12	8 8	11 12	11 12	12 12	10 12	10 11	9 13	10 11	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Morris Avenue between E 191st Street and E 190th Street	West East	15 16	0 0	15 16	16 16	16 15	15 16	15 15	15 16	16 17	15 16	15 16	No Parking 8am-8:30am Mon & Thu No Parking 8am-8:30am Tue & Fri
Parkview Terrace between Jerome Avenue and Morris Avenue	West East	0 0	0 0	0 0	0 3	0 1	0 2	0 2	0 2	0 3	0 2	0 3	No Standing Anytime No Parking Anytime
Parkview Terrace between Morris Avenue and E 196th Street	West East	38 32	0 0	38 32	28 23	28 27	34 35	29 32	34 30	40 35	34 31	35 28	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Jerome Avenue between E 198th Street and Morris Avenue	West East	7 4	0 0	7 4	2 3	4 3	4 6	5 7	7 5	9 7	5 8	8 6	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri
Jerome Avenue between Morris Avenue and E 196th Street	West East	39 40	0 0	39 40	18 27	31 35	32 39	30 39	30 39	36 42	35 40	26 32	No Parking 8:30am-10am Mon & Thu; No Parking 7am-4pm, School Days; No Parking Anytime No Parking 8:30am-10am Tue & Fri
Jerome Avenue between E 196th Street and W 195th Street	West East	8 9	0 9	8 0	7 4	8 3	7 6	7 8	7 7	7 7	7 3	7 7	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-9am, Except Sun; 2 Hour Meter Parking 9am-7pm, Except Sun
Jerome Avenue between W 195th Street and Kingsbridge Road	West East	9 9	0 9	9 0	3 3	4 2	4 7	6 2	3 9	3 7	8 8	8 8	No Parking 7:30am-8am, Except Sun; 2 Hour Meter Parking 8am-7pm, Except Sun No Standing 10pm-5am, Including Sun; No Parking 8:30am-9am, Except Sun; 2 Hour Meter Parking 9am-7pm, Except Sun
Jerome Avenue between Kingsbridge Road and E 193rd Street	West East	5 8	0 8	5 0	0 5	3 5	5 7	6 6	7 6	9 8	6 8	8 8	No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Parking Anytime No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun

**Kingsbridge Armory EIS  
2007 On-Street Parking Inventory  
Table B-8**

		Total Legal Spaces			Weekday			Saturday		PARKING REGULATIONS (COMMENTS)						
					AM		Midday		PM					Midday		
					7:00 - 8:30 AM	8:30 - 10:00 AM	11:00 AM - 12:30 PM	12:30 - 2:00 PM	4:00 - 5:30 PM					5:30 - 7:00 PM	11:00 AM - 12:30 PM	12:30 - 2:00 PM
Jerome Avenue between E 193rd Street and W 192nd Street	West	17	0	17	17	17	17	16	14	13	17	18	No Parking 8am-8:30am Mon & Thu; No Parking Anytime; No Parking 8am-8:30am Tue & Fri			
	East	19	0	19	20	20	20	19	20	20	22	22				
Jerome Avenue between W 192nd Street and 190th Street	West	28	7	21	20	23	25	29	22	26	22	28	No Parking Anytime; No Parking 7am-9pm, Except Sun, Drop-off & Pick-up Only; No Parking 8am-8:30am Mon & Thu; No Parking 8am-8:30am Except Sun; 1 Hour Meter Parking 8:30am-7pm Except Sun; No Standing Anytime Except Post Office Employees 2 Hour Meter Parking 8am-7pm Except Sun; No Parking 8am-8:30am Tue & Fri; No Standing 7am-7pm Except Authorized Vehicles - Parks Department Vehicles			
	East	33	11	22	18	28	31	31	23	36	28	29				
Davidson Avenue between W Kingsbridge Road and W 192nd Street	West	17	0	17	14	17	16	16	18	16	16	18	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	21	0	21	19	22	20	18	20	20	21	20				
Davidson Avenue between W 192nd Street and W 190th Street	West	29	0	29	29	30	27	30	29	24	30	31	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	24	0	24	24	24	3	24	22	22	24	23				
Grand Avenue between W Kingsbridge Road and W 192nd Street	West	16	0	16	17	12	18	16	12	16	19	19	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	23	0	23	18	12	22	22	19	19	21	22				
Grand Avenue between W 192nd Street and W 190th Street	West	24	0	24	17	20	20	19	17	14	20	18	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	30	0	30	24	26	28	27	24	22	27	25				
Goulden Avenue between W 197th Street and Strong Street	West	0	0	0	0	0	0	0	0	0	0	0	No Parking Anytime No Parking 7am-4pm, School Days; No Parking 8am-9am Sat			
	East	4	0	4	3	4	4	4	3	3	4	1				
Reservoir Avenue between University Avenue and W 197th Street	West	29	0	29	29	24	26	25	27	27	22	13	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	33	0	33	37	29	34	31	35	40	31	19				
Reservoir Avenue between W 197th Street and Strong Street	West	10	0	10	9	8	8	8	7	9	10	8	No Parking Anytime; No Parking 11:30am-1pm Mon & Thu No Parking Anytime			
	East	0	0	0	0	0	0	0	0	0	0	0				
Reservoir Avenue between Strong Street and W 195th Street	West	16	0	16	16	16	15	16	15	15	16	14	No Parking 11:30am-1pm Mon & Thu No Parking 7am-4pm, School Days; No Parking 8am-9am Sat			
	East	19	0	19	15	19	19	21	20	23	20	15				
Reservoir Avenue between W 195th Street and W Kingsbridge Road	West	17	0	17	18	16	16	15	14	15	16	13	No Standing Bus Stop; No Parking Anytime; No Parking 11:30am-1pm Mon & Thu No Parking Anytime; No Parking 11:30am-1pm Tue & Fri; No Standing Bus Stop			
	East	18	0	18	17	17	15	18	15	17	16	12				
Aqueduct Avenue between W Kingsbridge Road and W 192nd Street	West	17	0	17	13	17	14	19	17	18	20	19	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	23	0	23	22	22	21	26	21	16	27	26				
Aqueduct Avenue between W 192nd Street and W 190th Street	West	31	0	31	21	19	20	25	21	24	27	26	No Parking 11:30am-1pm Mon & Thu No Standing Bus Stop; No Parking 11:30am-1pm Tue & Fri			
	East	32	0	32	23	30	28	29	28	27	28	30				
University Avenue between Reservoir Avenue and W 197th Street	West	22	0	22	24	12	16	20	25	25	23	22	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu			
	East	27	0	27	19	16	15	18	21	22	21	24				
University Avenue between W 197th Street and Strong Street	West	9	0	9	8	10	9	9	11	10	9	9	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu			
	East	11	0	11	8	12	11	11	11	10	9	8				
University Avenue between Strong Street and W 195th Street	West	18	0	18	16	17	15	17	13	18	17	15	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu			
	East	21	0	21	22	22	20	19	20	22	20	19				
University Avenue between W 195th Street and Eames Place	West	16	0	16	9	16	15	14	15	14	16	16	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu			
	East	14	0	14	13	11	16	14	13	14	12	12				
University Avenue between Eames Place and W Kingsbridge Road	West	14	0	14	13	18	14	14	14	14	14	15	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu			
	East	12	0	12	14	17	17	15	16	14	17	15				
University Avenue between W Kingsbridge Road and W 192nd Street	West	14	0	14	11	12	12	13	13	13	12	12	No Standing Bus Stop; No Parking 11:30am-1pm Mon & Thu; No Parking Anytime; No Standing Anytime No Standing Bus Stop; No Parking 11:30am-1pm Tue & Fri; No Parking Anytime; No Standing Anytime			
	East	16	0	16	17	16	21	21	17	17	18	17				
University Avenue between W 192nd Street and W 190th Street	West	23	0	23	17	21	29	31	26	24	25	22	No Parking 11:30am-1pm Mon & Thu; No Standing Anytime Except Authorized Vehicles - Ambulance No Standing Bus Stop; No Parking 11:30am-1pm Tue & Fri			
	East	28	0	28	24	20	30	29	27	26	25	26				
Claflin Avenue between W 197th Street and W 195th Street	West	26	0	26	22	23	24	17	21	23	25	26	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	28	0	28	18	23	22	21	22	26	25	27				
Claflin Avenue between W 195th Street and Eames Place	West	13	0	13	14	16	15	14	13	14	9	12	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	East	14	0	14	14	14	10	14	13	14	8	10				



**Kingsbridge Armory EIS  
2007 On-Street Parking Inventory  
Table B-8**

		Total Legal Spaces			Weekday			Saturday		PARKING REGULATIONS (COMMENTS)						
					AM		Midday		PM					Midday		
					7:00 - 8:30 AM	8:30 - 10:00 AM	11:00 AM - 12:30 PM	12:30 - 2:00 PM	4:00 - 5:30 PM					5:30 - 7:00 PM	11:00 AM - 12:30 PM	12:30 - 2:00 PM
Webb Avenue between W 197th Street and W 195th Street	West East	25 25	0 0	25 25	16 19	18 16	18 17	18 19	21 24	24 25	22 23	20 21	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
Webb Avenue between W 195th Street and Eames Place	West East	15 16	0 0	15 16	14 16	15 14	15 14	14 14	11 13	17 16	14 15	19 15	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
Webb Avenue between Eames Place and W Kingsbridge Road	West East	11 10	0 0	11 10	10 9	11 10	11 9	10 10	11 9	9 7	11 9	9 9	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
Webb Avenue between W Kingsbridge Road and W 192nd Street	West East	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	1 0	1 0	No Parking Anytime No Parking Anytime			
Webb Avenue between W 192nd Street and W 190th Street	West East	37 29	0 0	37 29	34 25	32 24	34 23	31 24	27 23	28 25	29 16	26 15	No Parking 11:30am-1pm Tue & Fri No Parking 11:30am-1pm Mon & Thu; No Parking Anytime			
Sedgwick Avenue between W 197th Street and W 195th Street	West East	24 20	0 0	24 20	25 19	24 18	22 19	24 19	30 24	26 23	23 22	25 27	No Parking 11:30am-1pm Mon & Thu; No Standing Bus Stop No Standing Bus Stop; No Parking 11:30am-1pm Tue & Fri			
Sedgwick Avenue between W 195th Street and W Kingsbridge Road	West East	16 16	0 0	16 16	15 14	16 18	16 17	15 17	15 17	16 18	14 18	15 17	No Parking 11:30am-1pm Mon & Thu; No Standing Bus Stop No Standing Anytime; No Parking 11:30am-1pm Tue & Fri			
East - West Routes																
E 198th Street between Jerome Ave and Creston Ave	North South	14 11	0 0	14 11	12 10	10 11	12 13	13 14	14 14	15 14	14 16	10 14	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri; No Parking 8am-4pm Mon-Fri			
E 198th Street between Creston Ave and Grand Concourse	North South	10 11	0 0	10 11	7 8	7 5	8 8	9 8	8 6	9 9	9 10	8 10	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri			
Morris Avenue between Parkview Terrace and Morris Ave	North South	10 4	0 0	10 4	5 2	6 1	3 3	5 3	5 4	6 4	6 4	6 4	No Parking 8:30am-10am Tue & Fri No Parking 8:30am-10am Mon & Thu			
W 197th Street between Sedgwick Ave and Webb Ave	North South	9 12	0 0	9 12	9 12	9 9	10 10	8 13	10 14	10 13	11 12	9 12	No Parking 11:30am-1pm Mon & Thu; No Standing Anytime No Parking 11:30am-1pm Tue & Fri			
W 197th Street between Webb Ave and Claflin Ave	North South	9 10	0 0	9 10	9 8	4 6	4 6	2 6	8 9	8 9	8 10	9 9	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 197th Street between Claflin Ave and University Ave	North South	9 11	0 0	9 11	7 6	7 8	6 8	9 9	9 9	9 9	5 9	9 10	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 197th Street between University Ave and Reservoir Ave	North South	11 14	0 0	11 14	10 8	12 12	11 12	10 12	10 13	11 13	11 10	10 10	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 197th Street between Reservoir Ave and Goulden Ave	North South	2 0	0 0	2 0	2 0	2 0	2 0	2 0	2 0	2 0	2 0	1 0	No Parking 11:30am-1pm Tue & Fri; No Standing Anytime No Parking Anytime			
E 197th Street between Creston Ave and Grand Concourse	North South	6 10	0 0	6 10	4 7	4 7	3 8	5 7	7 10	7 9	7 9	7 9	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri			
Strong Street between University Ave and Goulden/Reservoir Ave	North South	16 19	0 0	16 19	16 16	17 18	18 17	18 17	16 18	17 18	14 17	15 17	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
E 196th Street between Jerome Ave and Morris Ave	North South	10 11	0 0	10 11	9 10	9 11	10 8	10 10	10 7	10 10	9 10	9 10	No Parking Anytime; No Parking 8:30am-10am Tue & Fri No Parking Anytime; No Parking 8:30am-10am Mon & Thu			
E 196th Street between Morris Ave and Creston Ave	North South	8 10	0 0	8 10	5 7	5 10	6 10	6 10	6 10	7 10	6 8	8 11	No Parking 8:30am-10am Tue & Fri No Parking 8:30am-10am Mon & Thu			
E 196th Street between Creston Ave and Grand Concourse	North South	9 12	0 0	9 12	9 10	10 13	9 12	9 12	10 11	11 13	11 13	9 12	No Parking 8am-6pm, Except Sun; No Parking 8:30am-10am Tue & Fri No Parking 8:30am-10am Mon & Thu			
W 195th Street between Sedgwick Ave and Webb Ave	North South	10 14	0 0	10 14	9 12	7 9	10 12	7 12	9 14	9 13	9 11	6 13	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 195th Street between Webb Ave and Claflin Ave	North South	8 10	0 0	8 10	10 8	10 8	9 8	9 7	9 8	9 8	8 9	8 10	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			

**Kingsbridge Armory EIS  
2007 On-Street Parking Inventory  
Table B-8**

		Total Legal Spaces			Weekday		Saturday		PARKING REGULATIONS (COMMENTS)							
					AM		Midday						PM		Midday	
					7:00 - 8:30 AM	8:30 - 10:00 AM	11:00 AM - 12:30 PM	12:30 - 2:00 PM					4:00 - 5:30 PM	5:30 - 7:00 PM	11:00 AM - 12:30 PM	12:30 - 2:00 PM
W 195th Street between Claflin Ave and University Ave	North South	8 8	0 0	8 8	7 8	8 8	8 9	8 8	7 10	9 9	8 8	8 9	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 195th Street between University Ave and Reservoir Ave	North South	8 8	0 0	8 8	9 7	8 7	8 8	6 7	8 9	7 7	9 6	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri				
W 195th Street between Reservoir Ave and Jerome Ave	North South	19 46	0 0	19 46	35 52	26 50	24 51	27 46	14 34	20 39	13 38	11 27	No Standing Bus Stop; No Parking 7am-4pm, School Days; No Parking 8am-9am Sat No Standing Anytime; No Parking 11:30am-1pm Tue & Fri; Back In 90 degree only; No Parking Anytime Except Authorized Vehicles - U.S. Government Vehicles Only; No Standing Bus Stop			
Eames Pl between Webb Ave and Claflin Ave	North South	5 9	0 0	5 9	6 9	7 9	7 6	7 10	5 8	6 9	4 9	5 9	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
Eames Pl between Claflin Ave and University Ave	North South	10 10	0 0	10 10	10 10	10 10	11 9	10 12	10 9	8 10	10 8	10 10	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W Kingsbridge Road between Sedgwick Ave and Webb Ave	North South	12 5	12 5	0 0	6 3	9 1	14 6	20 3	11 3	13 3	9 4	10 4	No Standing Bus Stop; No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun No Standing Anytime, Taxi Stand; No Standing Bus Stop; 2 Hour Meter Parking 8am-7am, Except Sun; No Parking 7:30am-8am, Except Sun			
W Kingsbridge Road between Webb Ave and University Ave	North South	5 2	5 2	0 0	4 5	4 0	6 4	5 3	5 4	6 1	3 2	4 2	No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Standing Bus Stop No Regulations; No Standing Bus Stop			
W Kingsbridge Road between University Ave and Aqueduct Ave	North South	10 6	10 6	0 0	9 3	2 3	7 7	7 7	12 6	11 7	12 8	4 6	No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun			
W Kingsbridge Road between Aqueduct Ave and Grand Ave	North South	0 4	0 4	0 0	0 3	0 3	0 5	0 2	0 4	0 3	0 4	0 3	No Parking Anytime No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Parking Anytime			
W Kingsbridge Road between Grand Ave and Davidson Ave	North South	9 5	9 5	0 0	6 5	0 1	2 3	7 6	3 5	6 5	8 5	6 5	No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Parking Anytime			
W Kingsbridge Road between Davidson Ave and Jerome Ave	North South	9 3	9 0	0 3	6 2	3 3	6 4	5 3	4 4	4 2	10 5	6 4	No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun No Parking 7:30am-8am Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Standing Bus Stop			
E Kingsbridge Road between Jerome Ave and Morris Ave	North South	5 8	5 8	0 0	5 7	4 6	4 11	3 14	4 13	4 11	10 4	4 11	No Parking 8:30am-9am, Except Sun; 1 Hour Meter Parking 9am-7pm, Except Sun; No Standing Bus Stop No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun			
E Kingsbridge Road between Morris Ave and Creston Ave	North South	8 8	8 8	0 0	4 6	0 6	9 8	6 7	7 7	12 5	8 10	7 6	No Parking 8:30am-9am, Except Sun; 1 Hour Meter Parking 9am-7pm, Except Sun No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun			
E Kingsbridge Road Eastbound Service Road between Creston Ave and Grand Concourse	North South	0 2	0 0	0 2	0 2	0 2	0 2	0 2	0 1	0 1	0 2	0 1	No Regulations No Parking 7:30am-8am, Except Sun; 1 Hour Meter Parking 8am-7pm, Except Sun; No Standing Bus Stop			
E Kingsbridge Road Westbound Service Road between Creston Ave and Grand Concourse	North South	7 0	7 0	0 0	7 0	4 0	6 0	5 0	3 0	6 0	6 0	4 0	No Parking 8:30am-9am, Except Sun; 1 Hour Meter Parking 9am-7pm, Except Sun No Regulations			
E 193rd Street between Jerome Ave and Morris Ave	North South	11 0	0 0	11 0	7 0	10 0	10 0	11 0	9 0	7 0	9 0	10 0	No Parking 8:30am-10am Mon & Thu No Parking Anytime			
E 193rd Street between Morris Ave and Creston Ave	North South	10 0	0 0	10 0	7 0	9 0	10 0	10 0	8 0	8 0	7 0	9 0	No Parking 8:30am-10am Mon & Thu No Parking Anytime			
E 193rd Street between Creston Ave and Grand Concourse	North South	8 0	0 0	8 0	7 0	8 0	8 0	8 0	9 0	8 0	9 0	8 0	No Parking 8:30am-10am Mon & Thu; No Parking 7am-4pm, School Days No Parking Anytime			
W 192nd Street between University Ave and Aqueduct Ave	North South	8 10	0 0	8 10	7 10	8 10	8 9	8 10	9 10	8 10	11 10	10 10	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 192nd Street between Aqueduct Ave and Grand Ave	North South	6 6	0 0	6 6	4 6	4 5	5 4	7 5	6 5	5 5	5 5	4 5	No Regulations No Regulations			
W 192nd Street between Grand Ave and Davidson Ave	North South	6 6	0 0	6 6	6 5	7 7	7 6	6 6	6 7	7 7	6 6	4 7	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
W 192nd Street between Davidson Ave and Jerome Ave	North South	6 8	0 0	6 8	6 7	6 9	6 9	4 8	4 6	6 9	7 9	6 8	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			

**Kingsbridge Armory EIS  
2007 On-Street Parking Inventory  
Table B-8**

		Total Legal Spaces			Weekday			Saturday		PARKING REGULATIONS (COMMENTS)						
					AM		Midday		PM					Midday		
					7:00 - 8:30 AM	8:30 - 10:00 AM	11:00 AM - 12:30 PM	12:30 - 2:00 PM	4:00 - 5:30 PM					5:30 - 7:00 PM	11:00 AM - 12:30 PM	12:30 - 2:00 PM
E 192nd Street between Creston Ave and Grand Concourse	North	10	0	10	8	9	9	8	11	8	9	9	No Parking 8:30am-10am Mon & Thu No Parking 8:30am-10am Tue & Fri			
	South	11	0	11	11	11	11	11	10	10	10	9				
E 191st Street between Morris Ave and Creston Ave	North	15	0	15	0	0	1	0	0	2	0	0	No Parking 8am-10pm, Except Sun No Parking Anytime			
	South	0	0	0	0	0	1	0	1	2	0	3				
W 190th Street between Webb Ave and Devoe Terrace	North	0	0	0	2	2	0	1	0	1	0	0	No Parking Anytime No Parking 11:30am-1pm Tue & Fri			
	South	2	0	2	2	2	2	2	2	2	2	2				
W 190th Street between Devoe Terrace and University Ave	North	9	0	9	6	6	7	8	7	8	7	8	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	South	10	0	10	4	4	8	8	9	6	7	9				
W 190th Street between University Ave and Aqueduct Ave	North	10	0	10	6	9	8	10	7	9	9	11	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	South	9	0	9	5	7	9	8	8	9	7	9				
W 190th Street between Aqueduct Ave and Grand Ave	North	6	0	6	4	6	6	6	5	6	6	6	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	South	8	0	8	7	7	7	7	4	7	8	7				
W 190th Street between Grand Ave and Davidson Ave	North	11	0	11	10	11	9	9	8	11	10	11	No Parking 11:30am-1pm Mon & Thu No Parking 11:30am-1pm Tue & Fri			
	South	10	0	10	8	10	10	10	10	11	10	10				
W 190th Street between Davidson Ave and Jerome Ave	North	10	0	10	9	8	10	8	8	9	11	10	No Parking 11:30am-1pm Mon & Thu; No Standing Except Trucks Loading & Unloading 7am-7pm, Except Sun No Parking 11:30am-1pm Tue & Fri			
	South	11	0	11	9	10	10	10	9	10	12	11				
E 190th Street between Jerome Ave and Morris Ave	North	0	0	0	0	0	0	0	0	0	0	2	No Standing Anytime No Standing Anytime			
	South	0	0	0	0	0	0	1	0	0	1	0				
<b>Totals</b>		<b>2551</b>	<b>164</b>	<b>2387</b>	<b>2127</b>	<b>2180</b>	<b>2321</b>	<b>2376</b>	<b>2306</b>	<b>2449</b>	<b>2366</b>	<b>2307</b>				
Percent Occupancy (%)					83%	85%	91%	93%	90%	96%	93%	90%				
Average Percent Occupancy (%)					84%		92%		93%		92%					

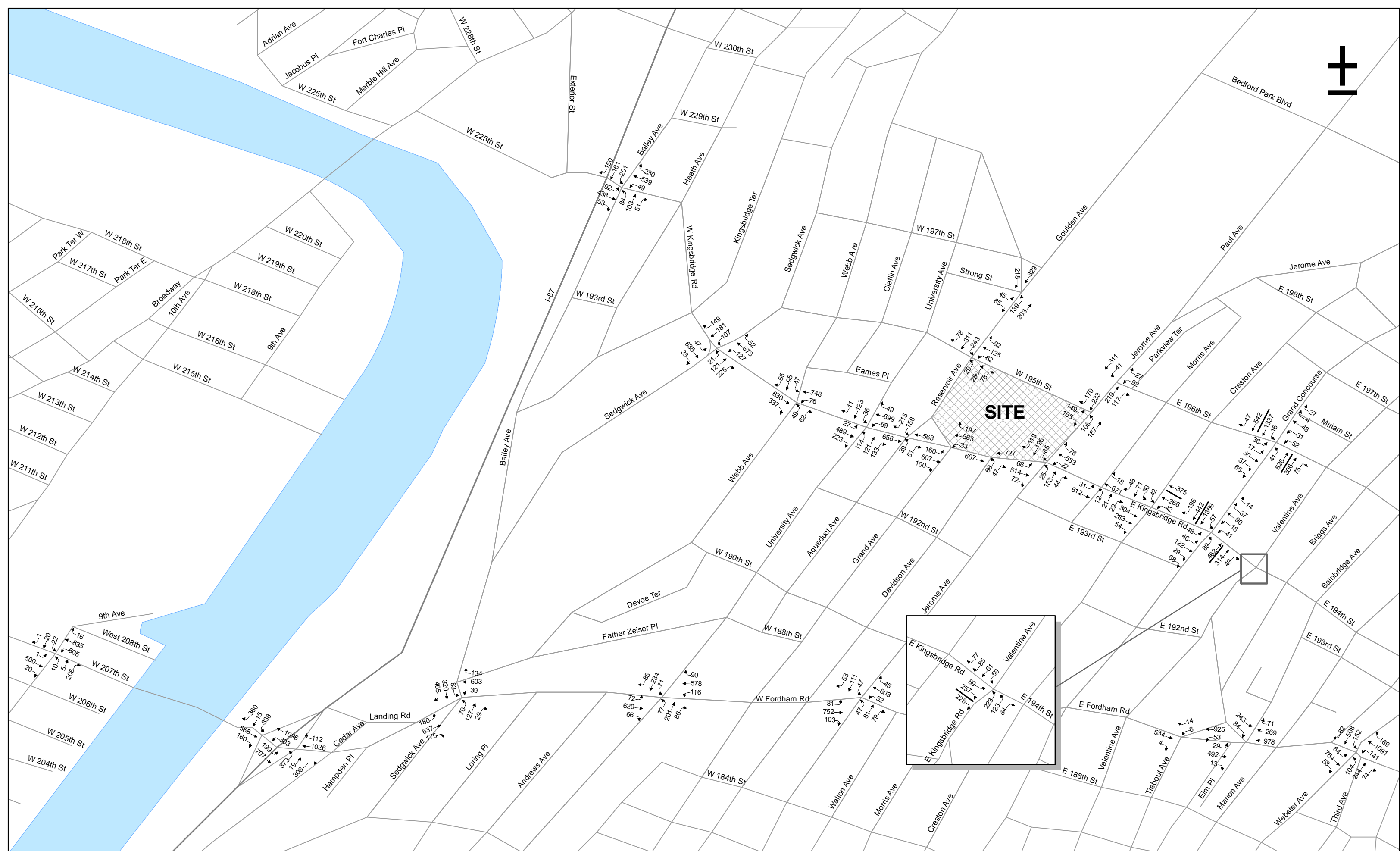
**Kingsbridge Armory Development EIS  
Extended Saturday On/Off-Street Parking Occupancy  
Table B-9**

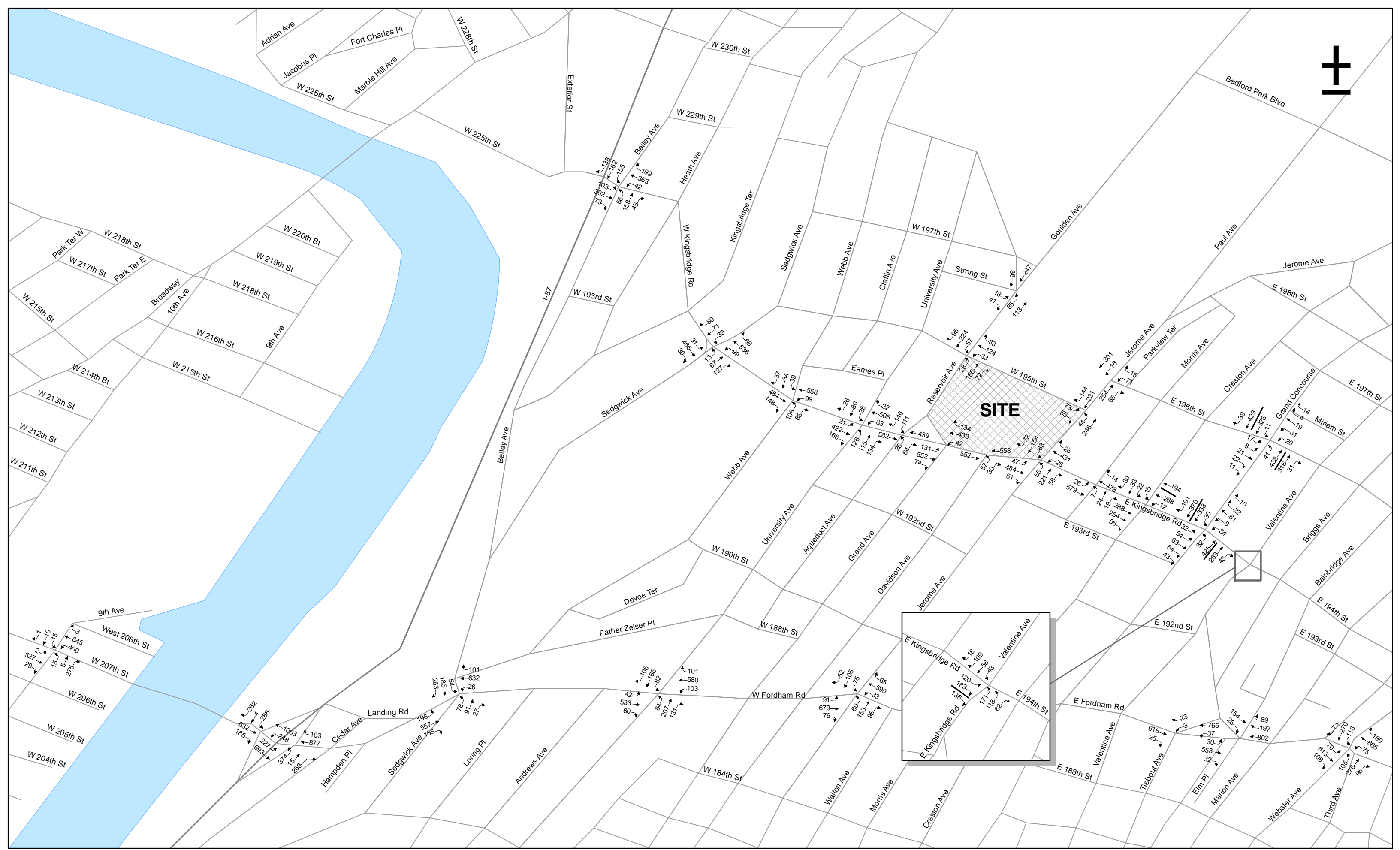
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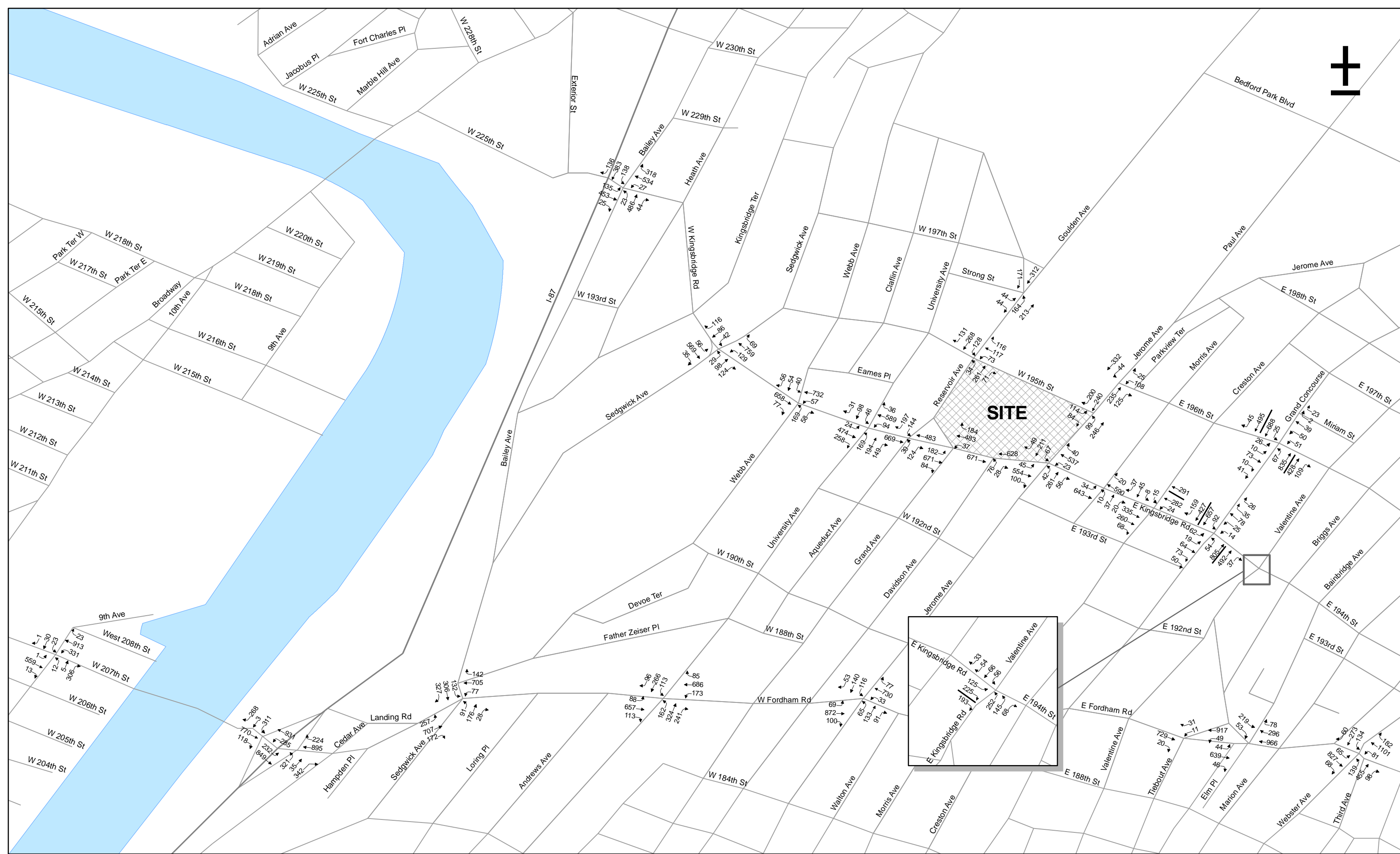
On-Street Parking Occupancy		Total Legal Spaces	Metered Spaces	Non-metered Spaces	Spaces Occupied (1 - 2 PM)
<b>North - South Routes</b>					
Jerome Avenue between E 198th Street and Minvera Place	West	20	0	20	20
	East	25	0	25	25
Jerome Avenue between Minvera Place and E 199th Street	West	12	0	12	9
	East	15	0	15	13
Jerome Avenue between E 199th Street and Bedford Park Blvd	West	12	0	12	8
	East	12	0	12	8
Goulden Avenue between W 197th Street and Bedford Park Blvd	West	52	52	0	8
	East	60	45	15	8
Reservoir Avenue between University Avenue and Claflin Avenue	West	12	0	12	8
	East	11	0	11	2
Reservoir Avenue between Claflin Avenue and Webb Avenue	West	6	0	6	3
	East	7	0	7	6
Reservoir Avenue between Webb Avenue and Sedgwick Avenue	West	12	0	12	6
	East	25	0	25	12
Claflin Avenue between W 197th Street and Reservoir Avenue	West	30	0	30	26
	East	32	0	32	28
<b>East - West Routes</b>					
Bedford Park Boulevard between Goulden Ave and Paul Ave	North	23	23	0	18
	South	57	57	0	40
<b>Totals</b>		<b>423</b>	<b>177</b>	<b>246</b>	<b>248</b>
<b>Percent Occupancy (%)</b>					<b>59%</b>

**Off-Street Parking Occupancy**

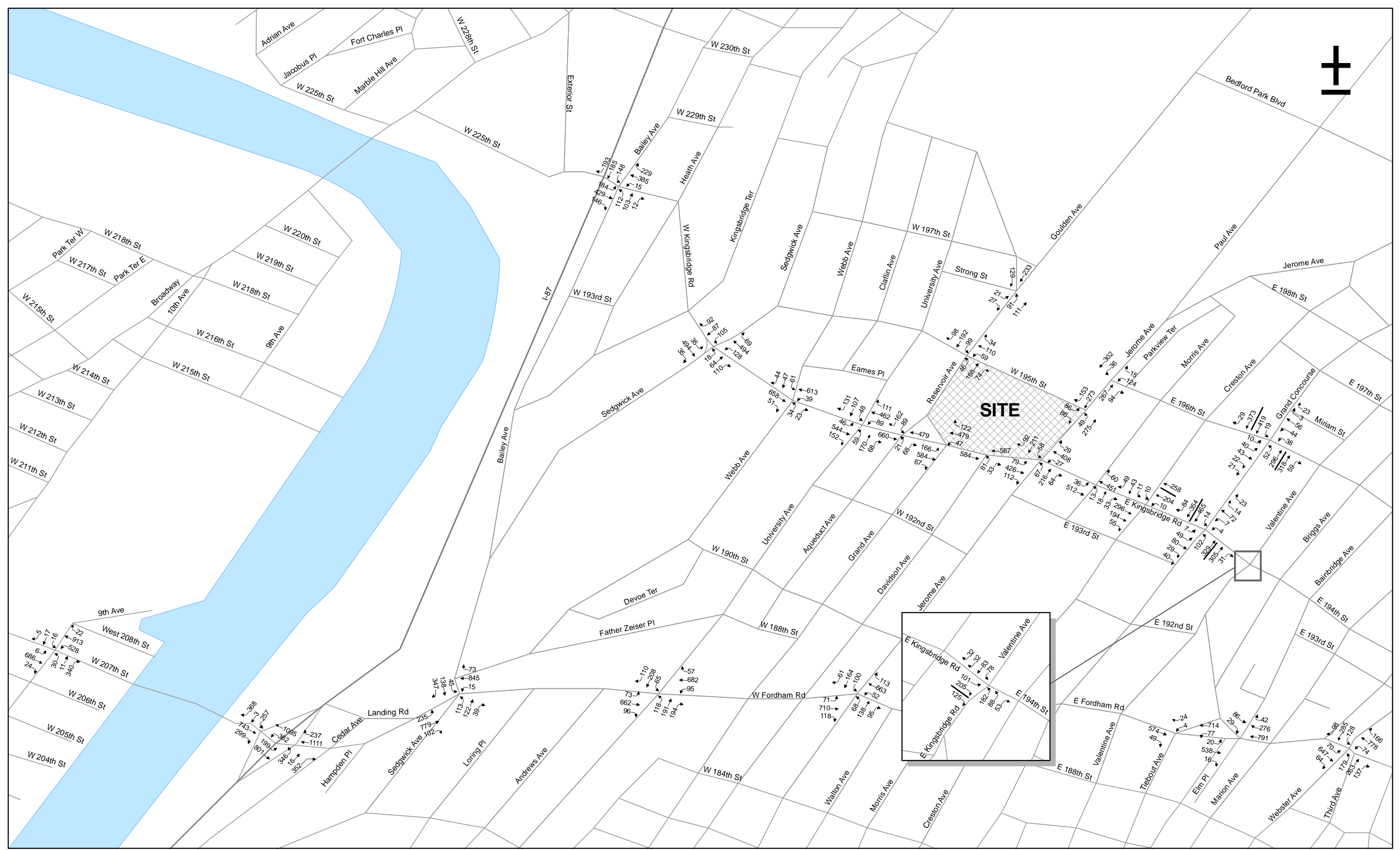
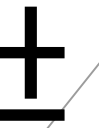
Parking Facility	Capacity	Spaces Occupied (1 - 2 PM)	Percent Occupancy
MT Town (Jerome Avenue at E 198th Street)	100	50	50%
JS (Jerome Avenue between E 198th Street and Minerva Place)	100	25	25%
Jerome-190th Street Municipal Garage	396	246	62%
<b>Total</b>	<b>596</b>	<b>321</b>	<b>54%</b>



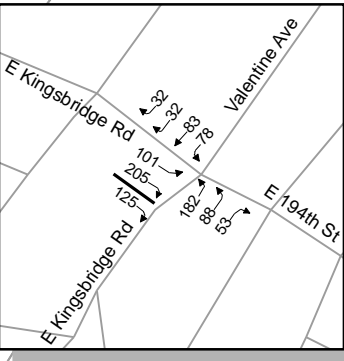




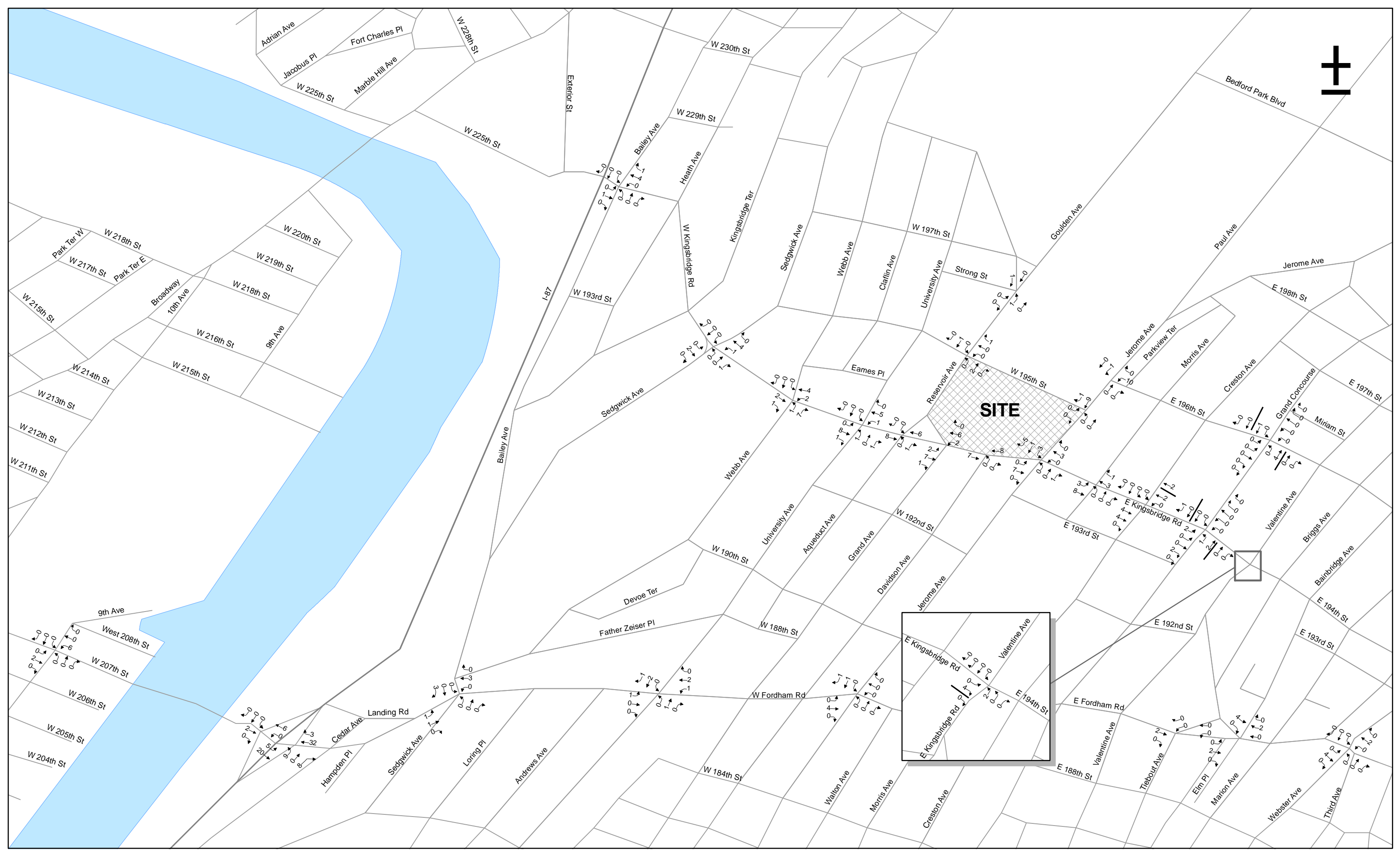
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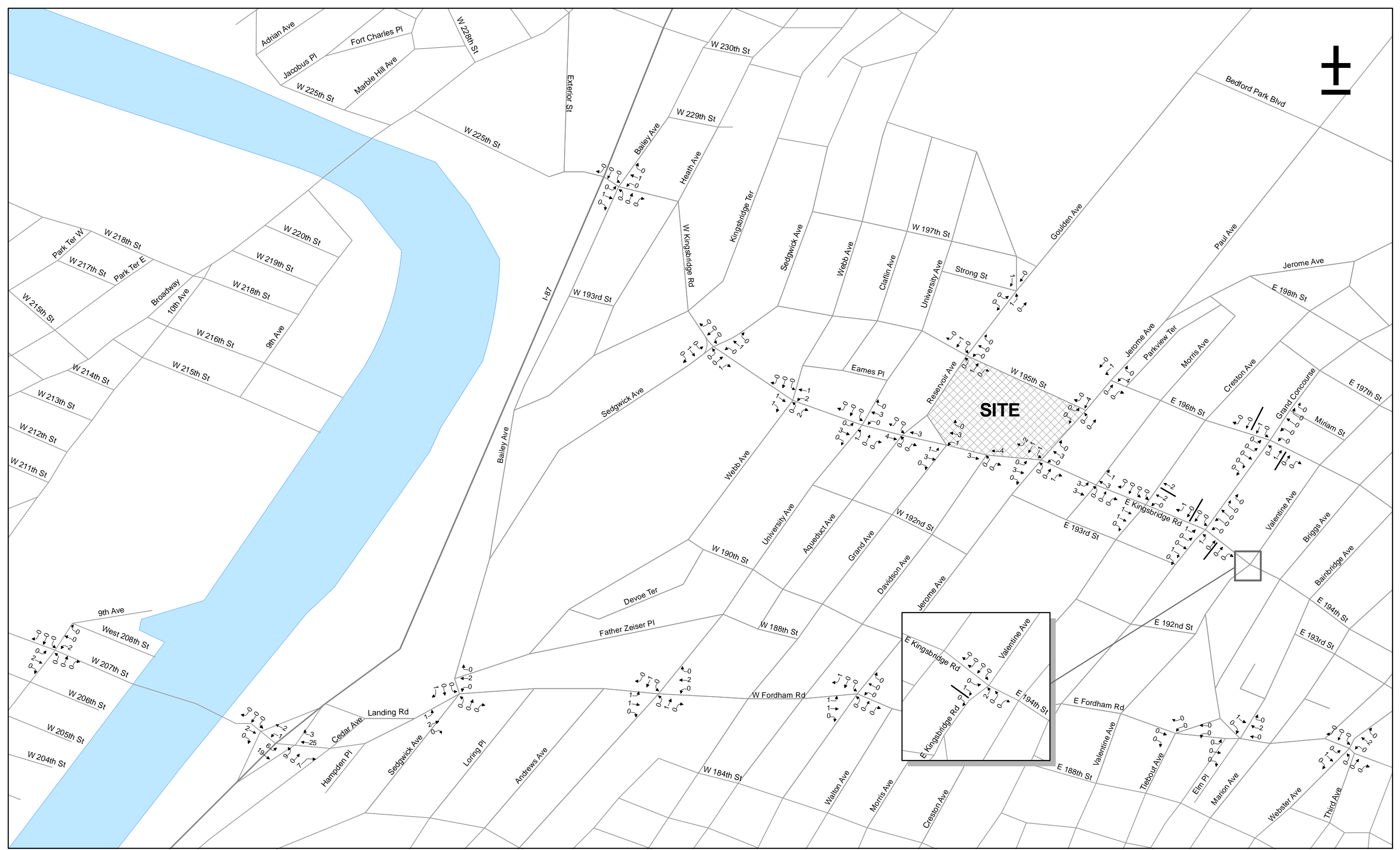


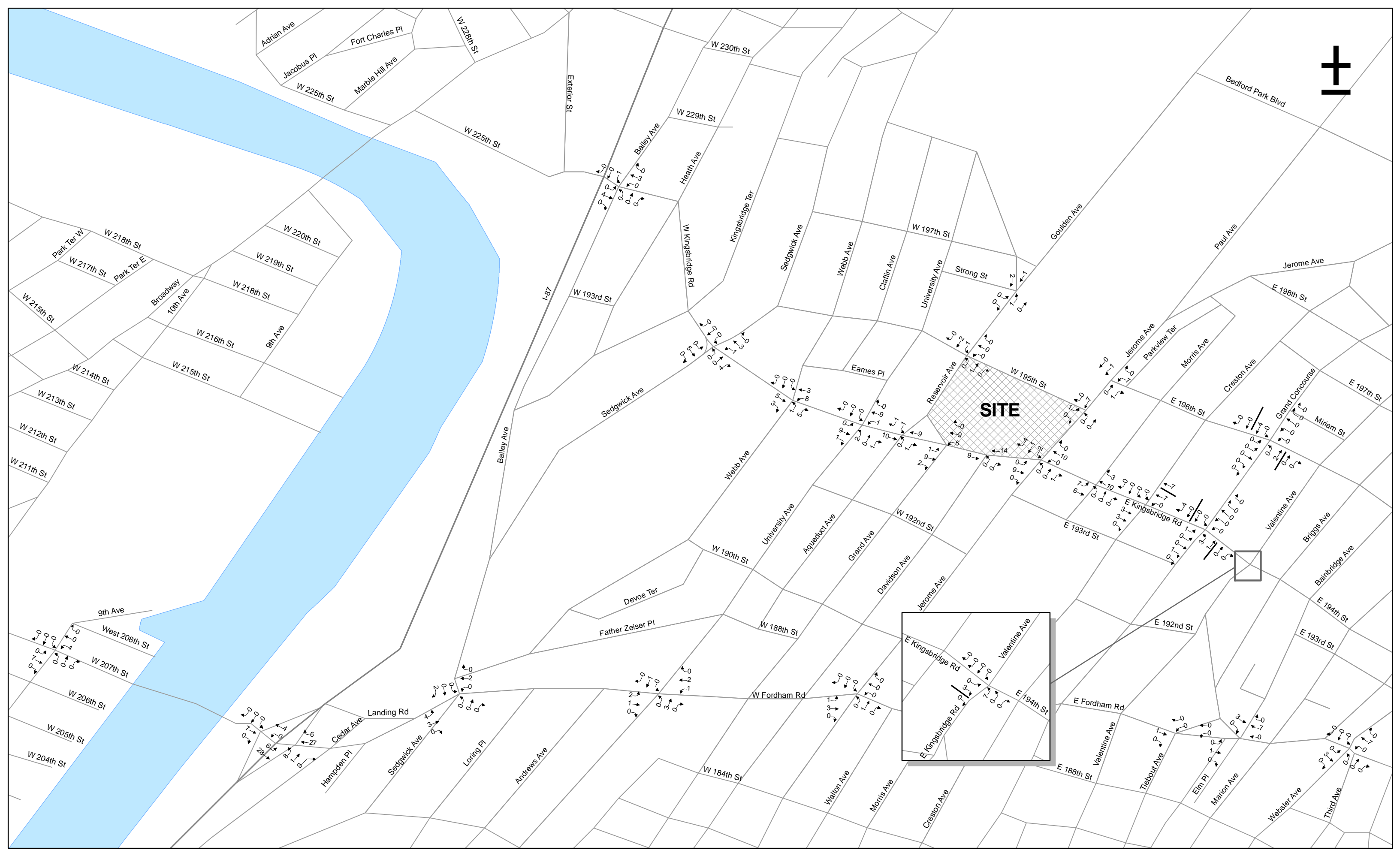
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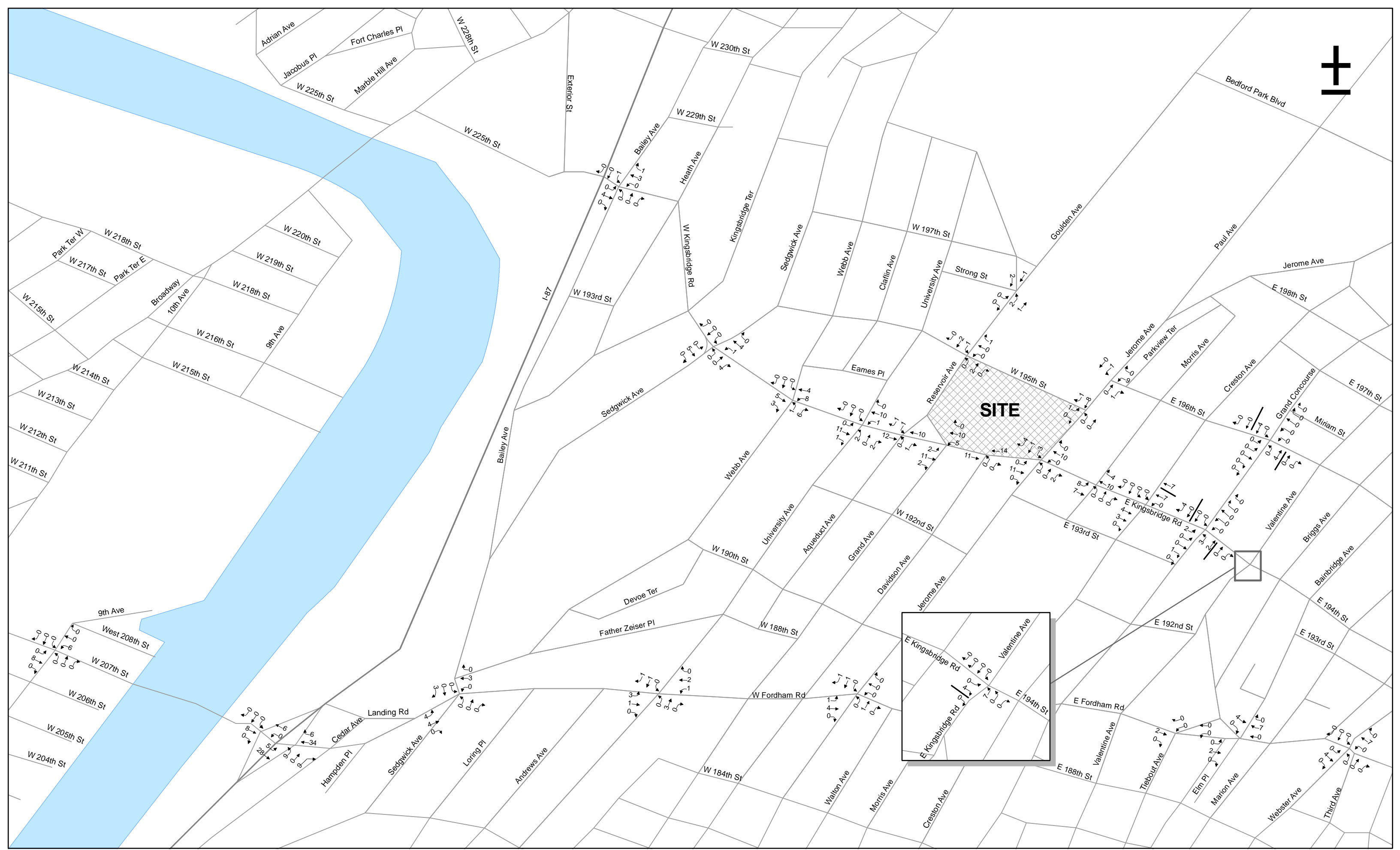




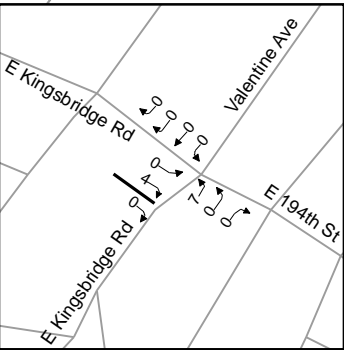




Not to Scale



**SITE**



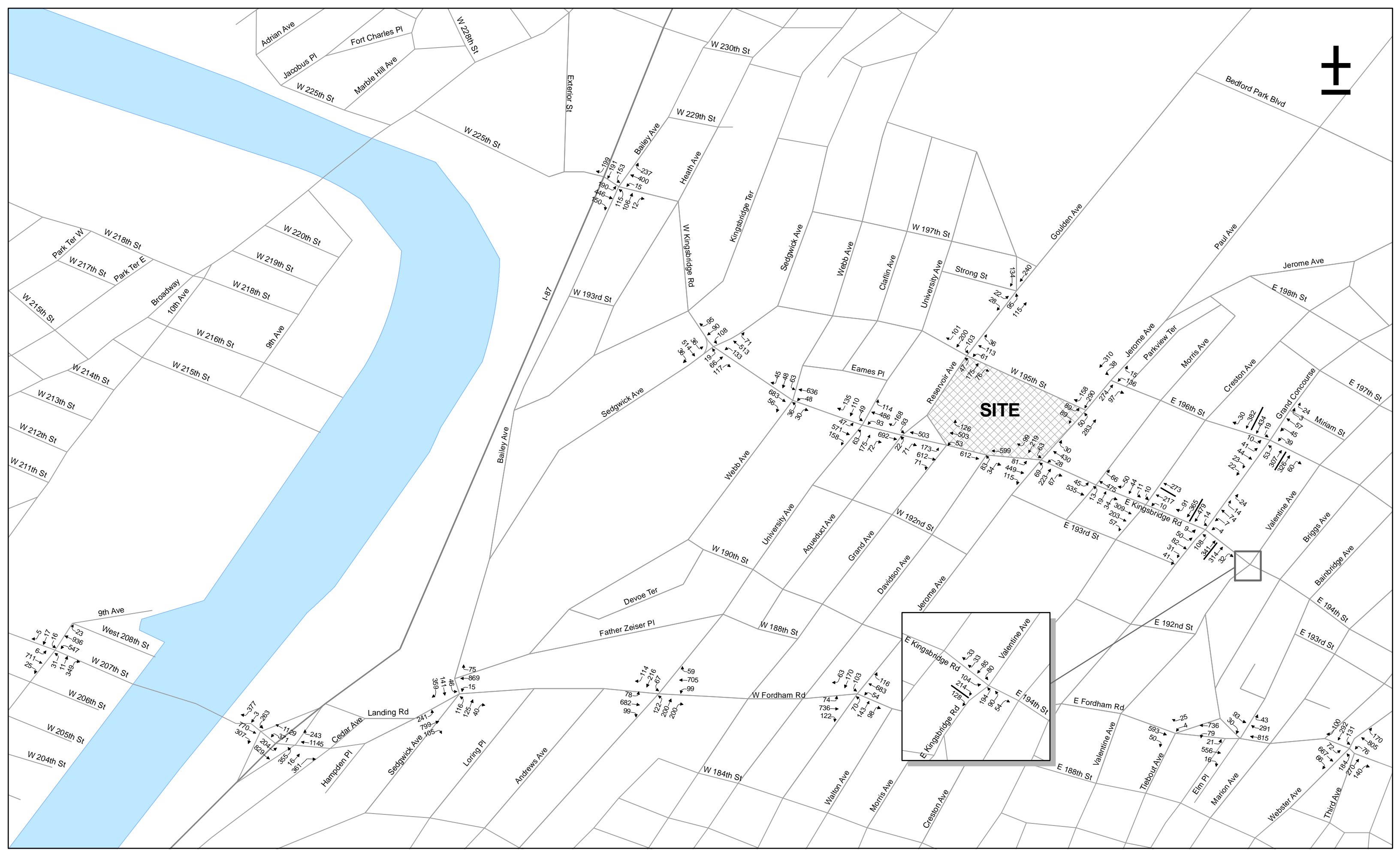




**SITE**



**SITE**







NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale

Figure B-15

Build Weekday PM Traffic Increments

Kingsbridge Armory EIS

**Eng-Wong, Taub & Associates**

Traffic and Transportation Consultants



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.

Not to Scale

Figure B-18

Build Weekday Midday Traffic Volumes

Kingsbridge Armory EIS



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.



NOTE: Trips entering and exiting the project site along Reservoir Avenue do not account for all taxi trips since additional taxi pickups and dropoffs would occur along Kingsbridge Road and Jerome Avenue.