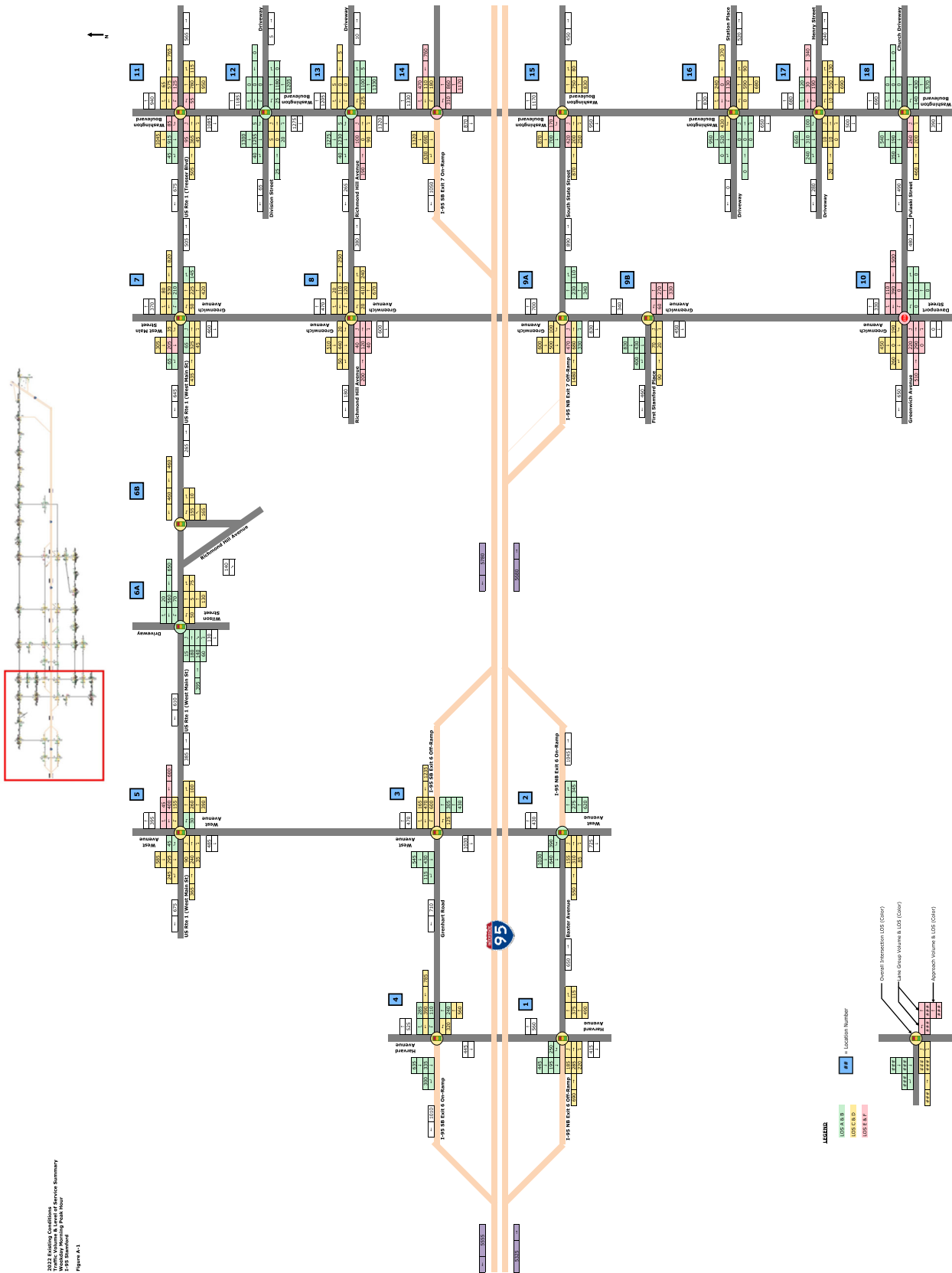
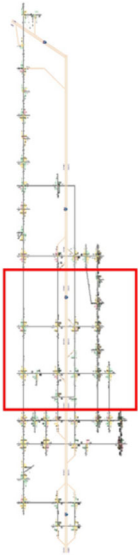




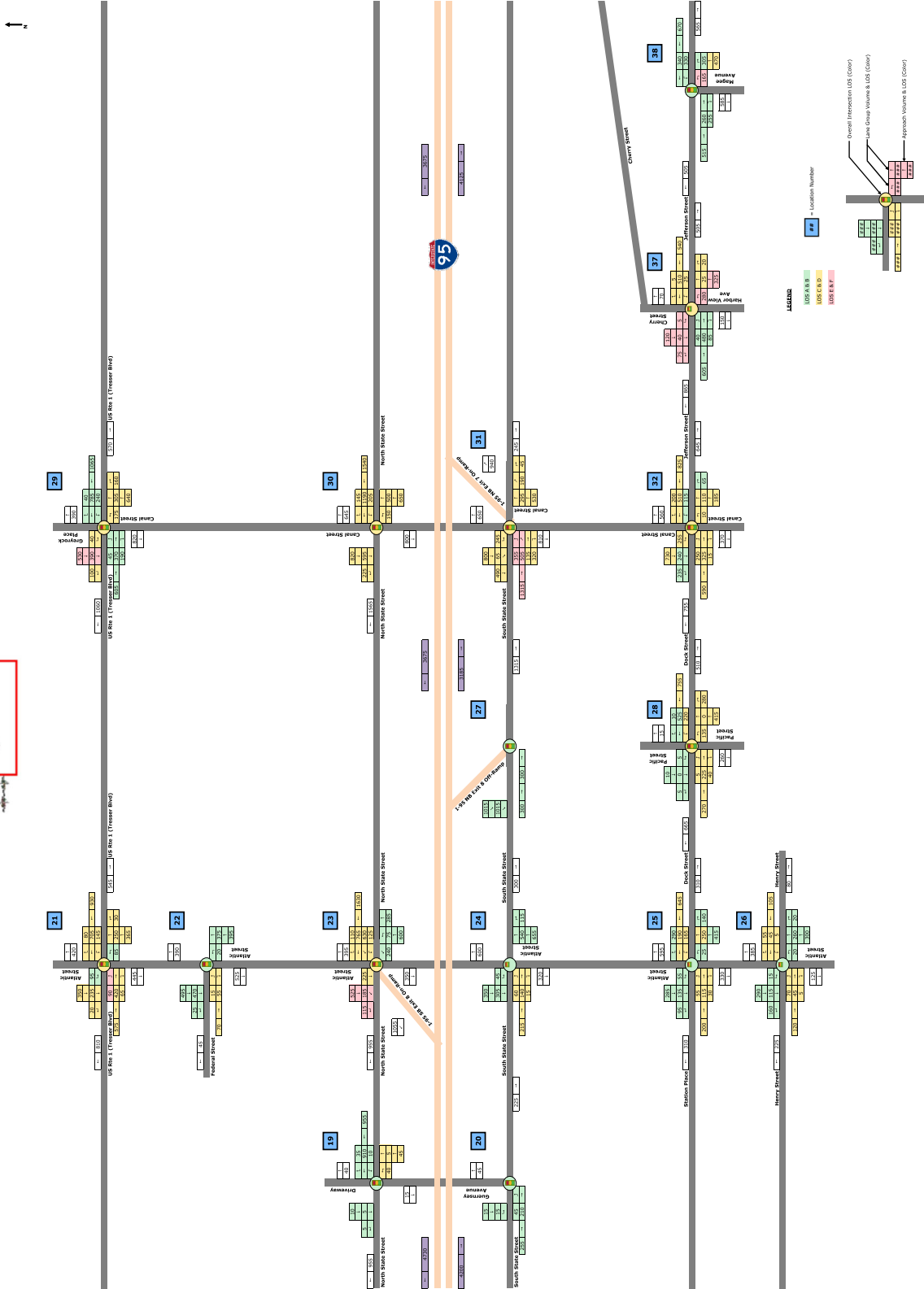
Appendix A – Synchro Analysis

2023 Solution Conditions
Traffic Volume & Level of Service Summary
I-95 Standard
Figure A-1

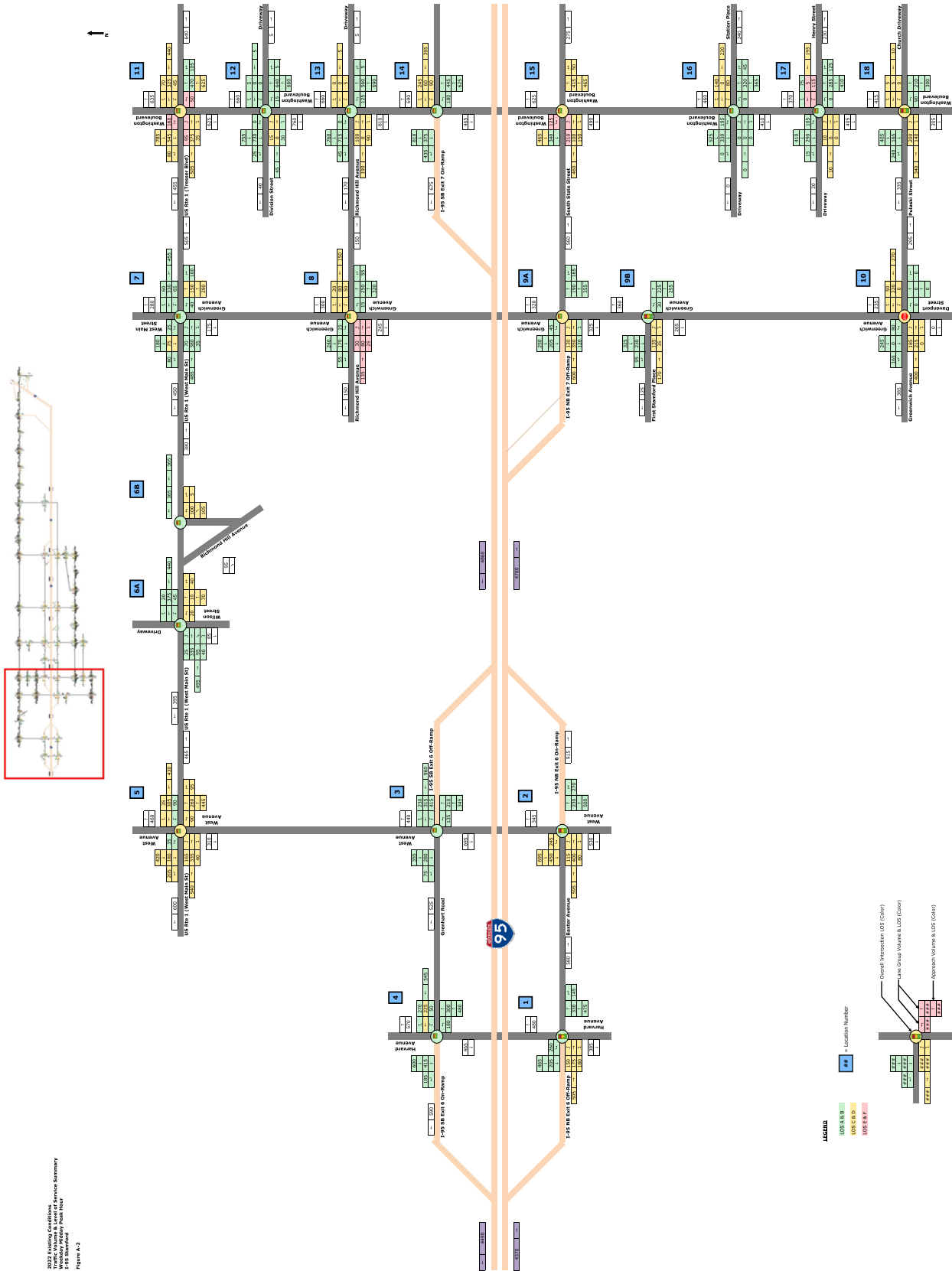


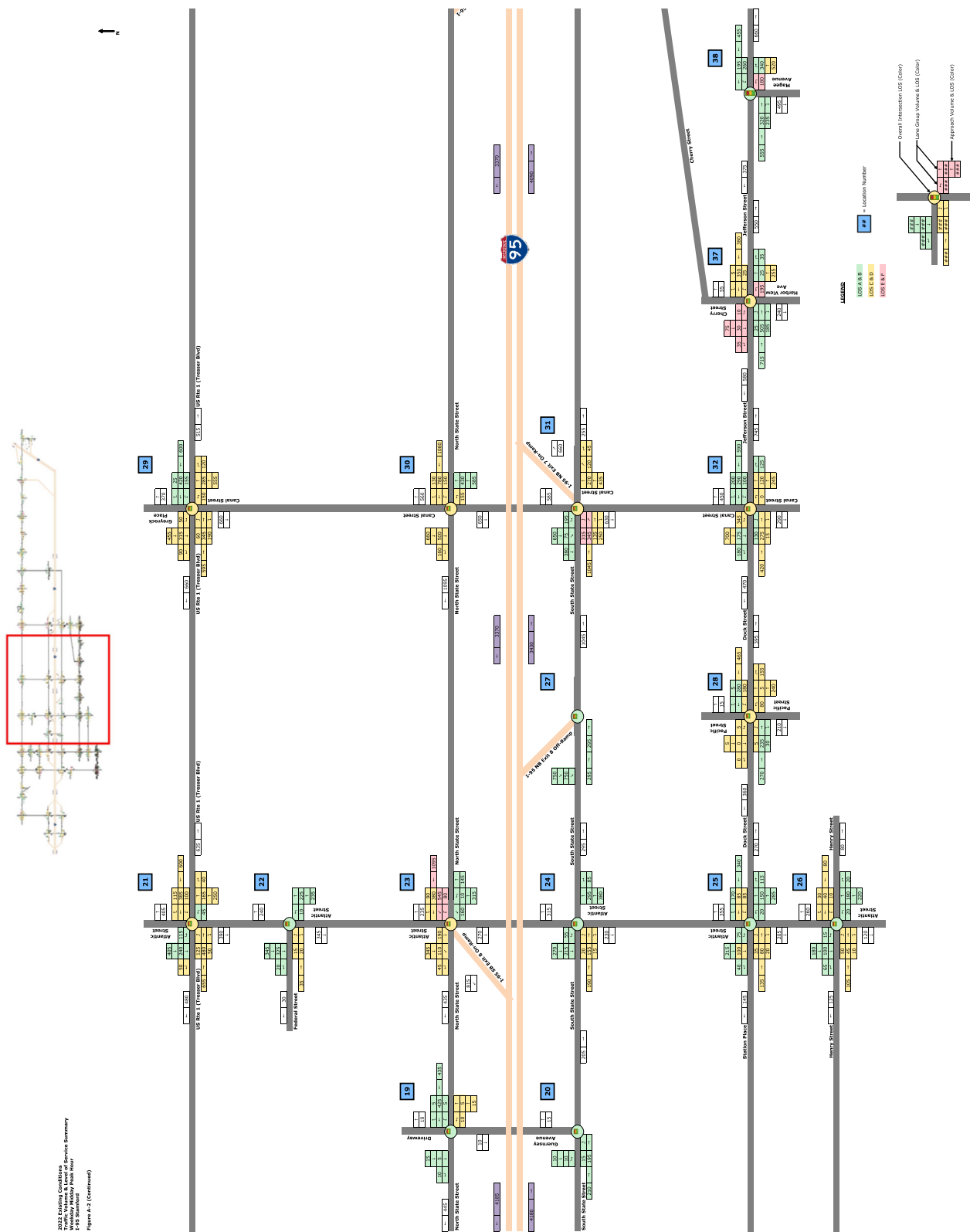


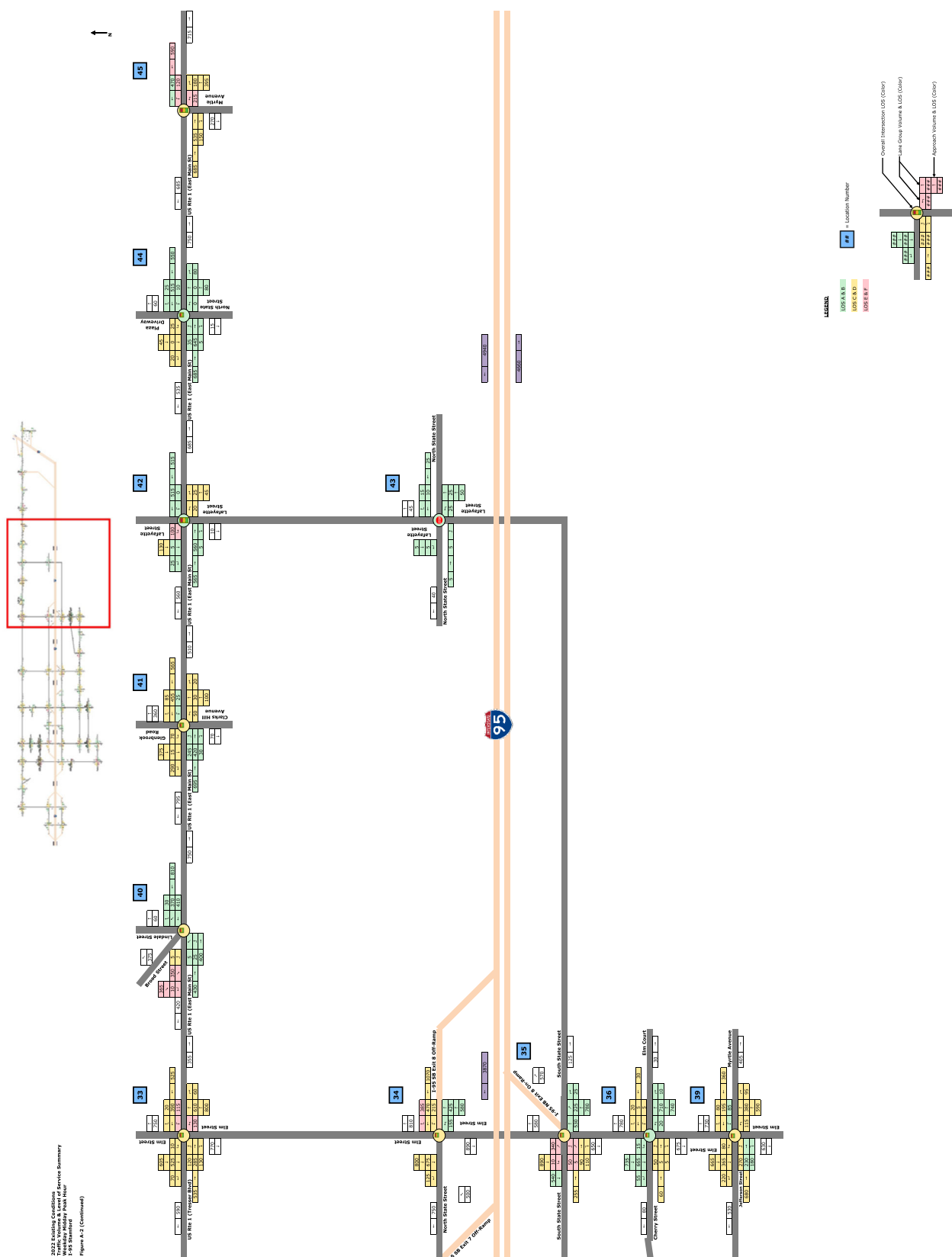
2022 System Conditions
Traffic Volume & Level of Service Summary
I-95 Standard
Figure A-1 (Continued)



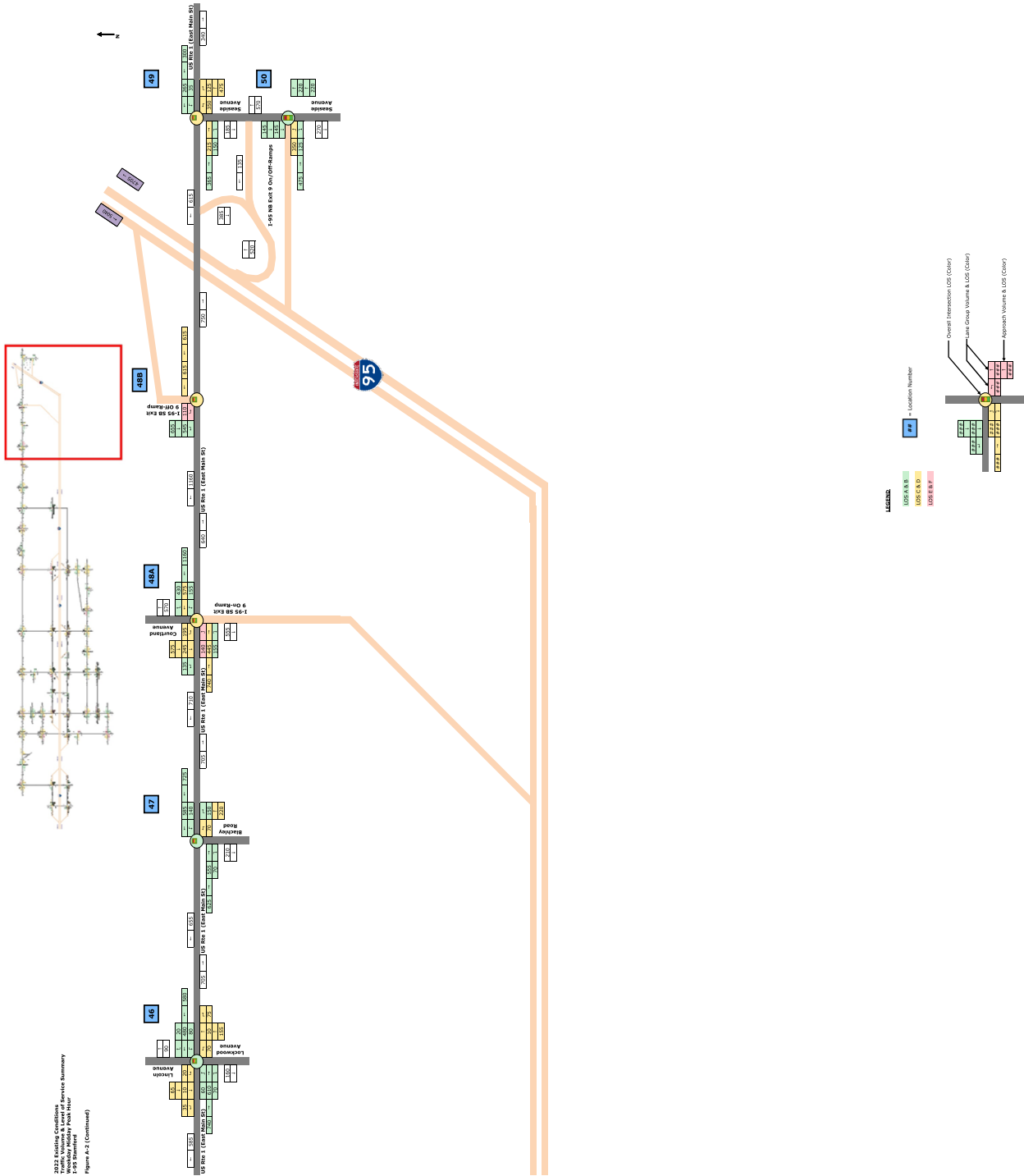
2023 Solution Conditions
Traffic Volume & Level of Service Summary
I-95 Standalone
Figure A-2



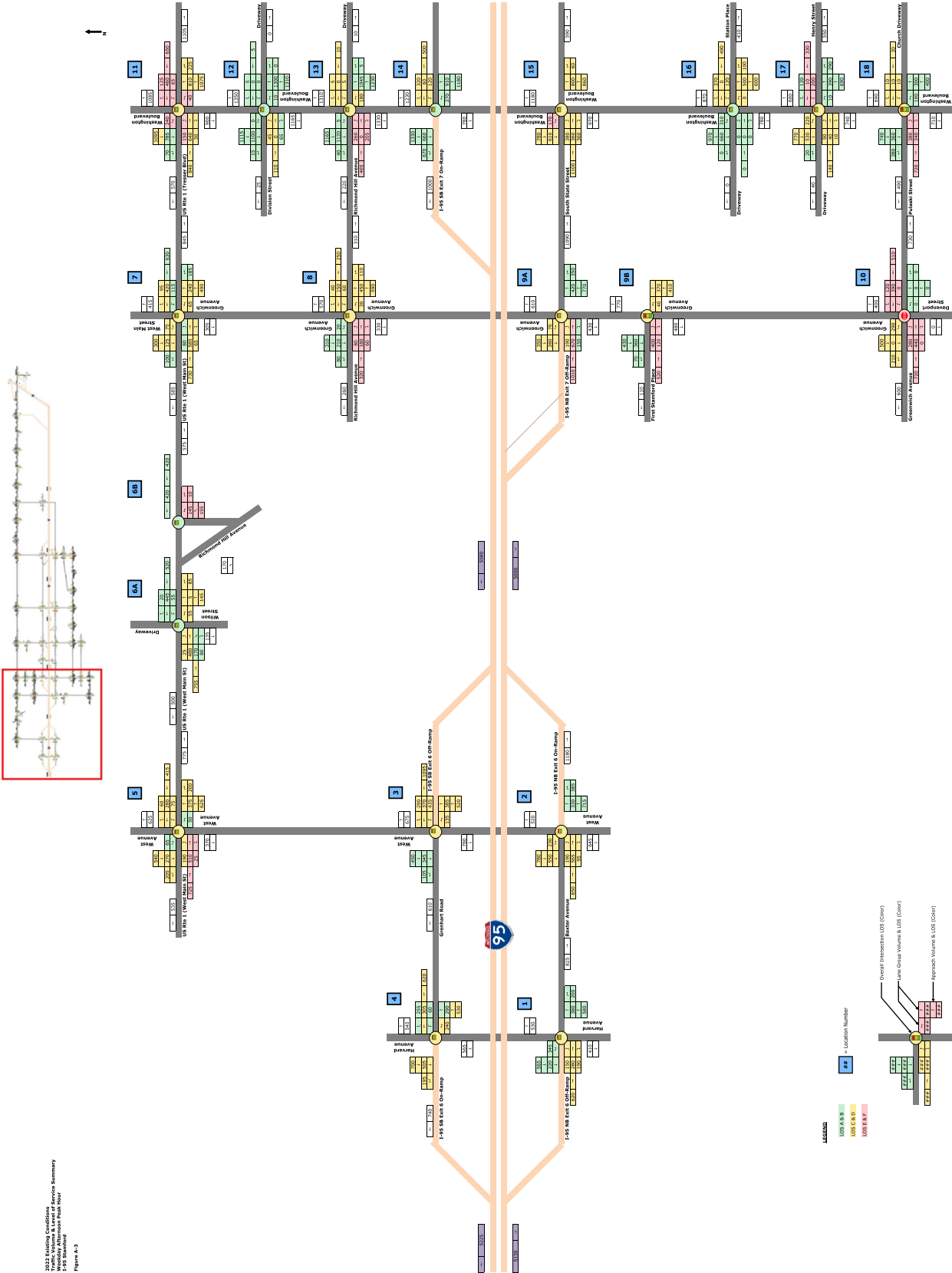


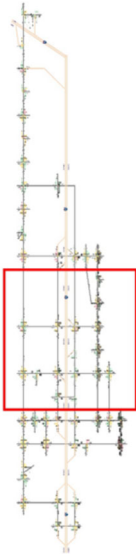


2022 Relative Conditions
 Traffic Volume & Level of Service Summary
 1-99 Standalone
 Figure A-2 (Continued)

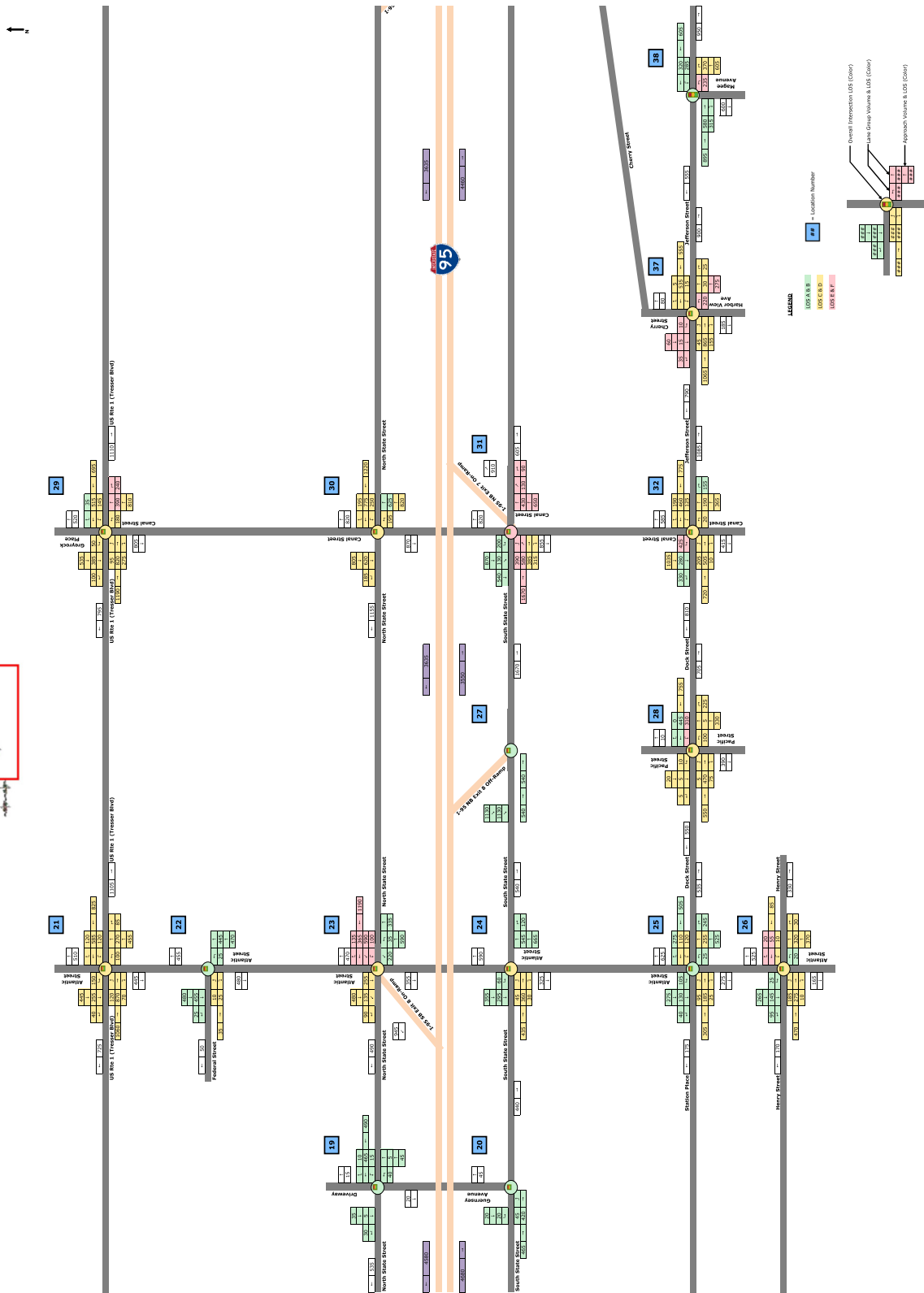


2023 Solution Conditions
 Traffic Volume & Level of Service Summary
 I-95 Standard
 Figure A-3

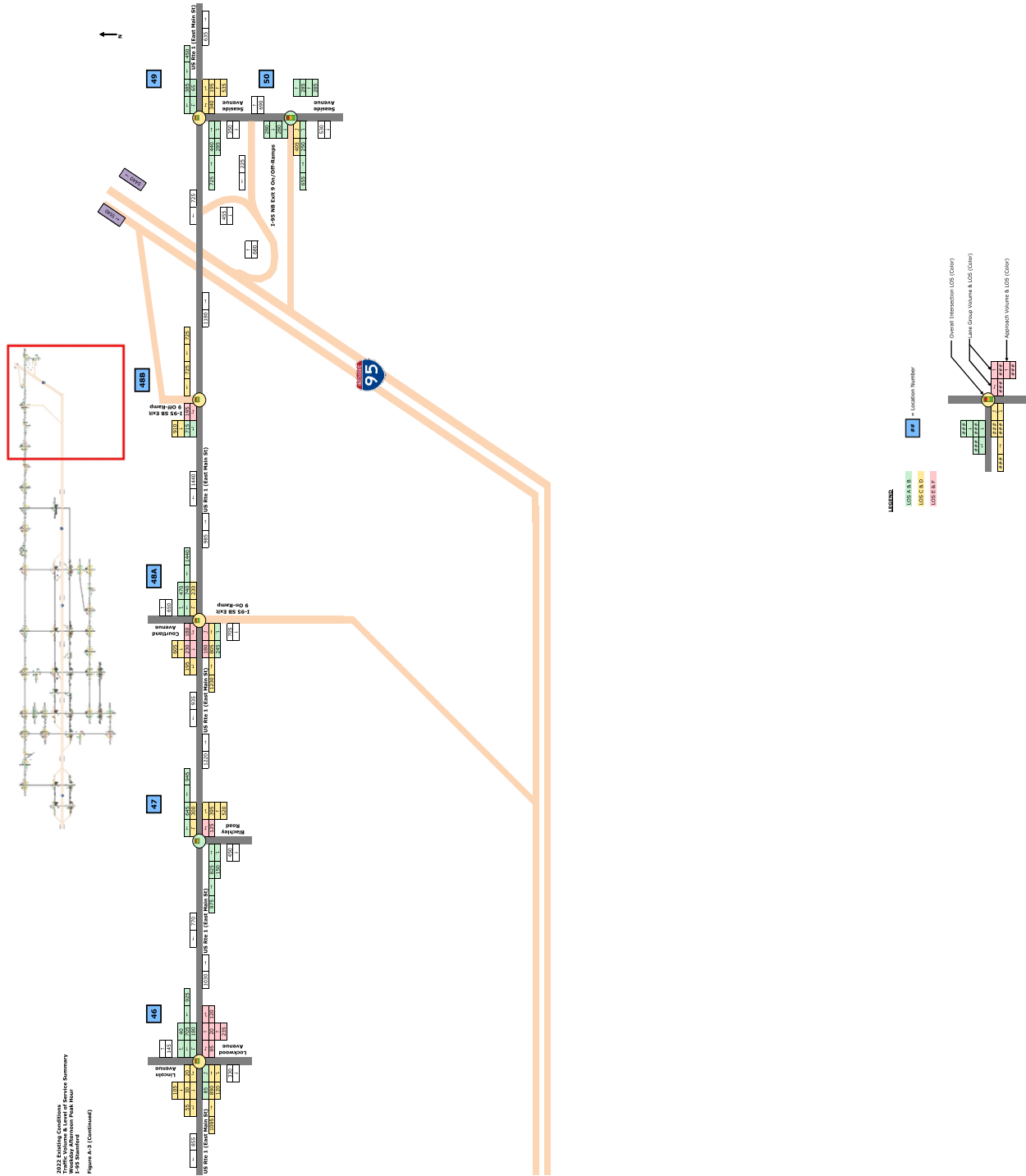


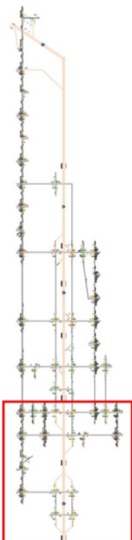


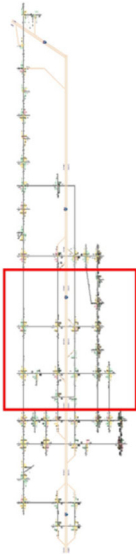
2022 System Conditions
Traffic Volume & Level of Service Summary
I-95 Standard
Figure A-3.2 (Continued)



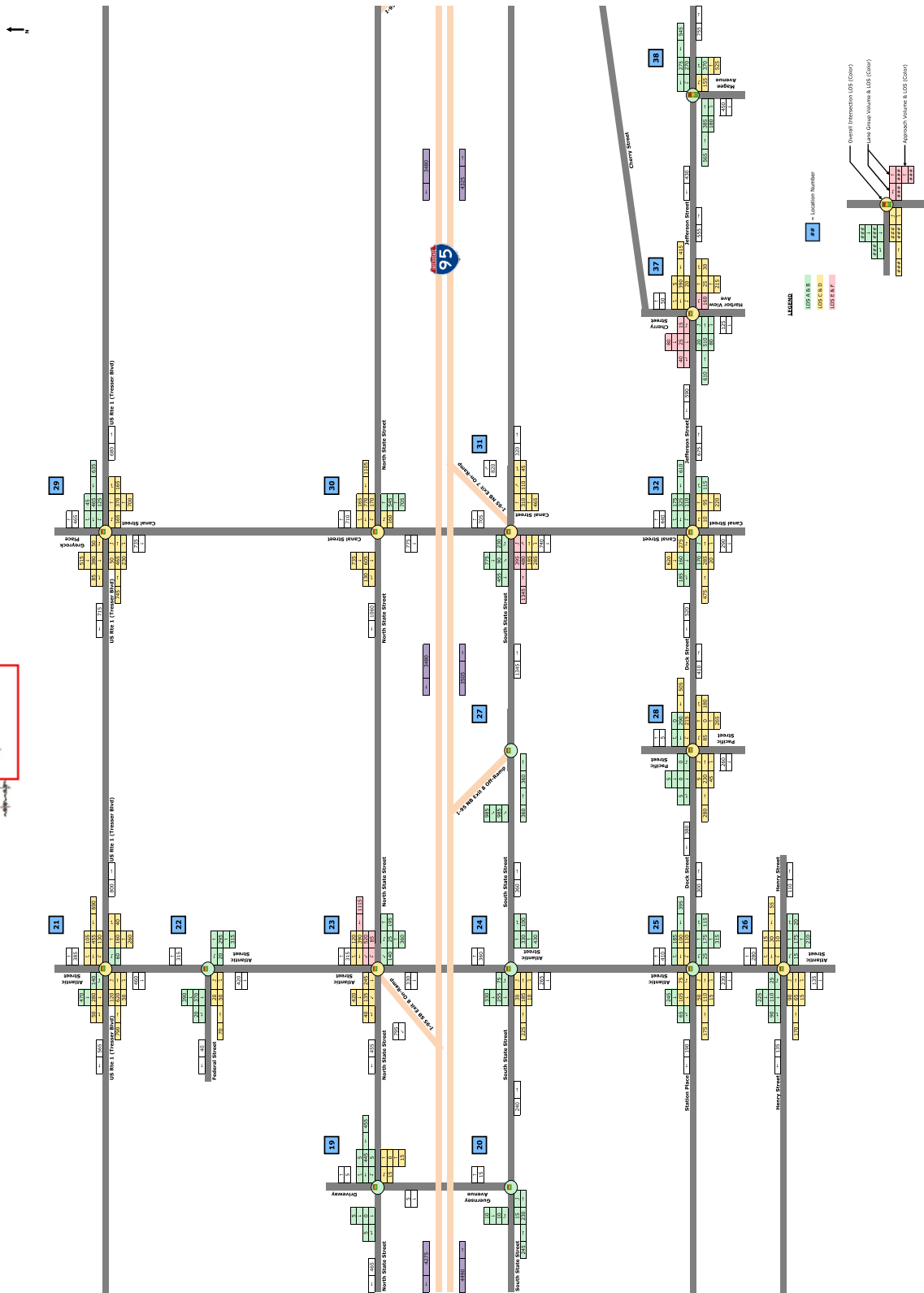
2022 Relative Conditions
Traffic Volume & Level of Service Summary
Interchange 1-95
1-95 Standard
Figure A-2 (Continued)







2023 System Conditions
Traffic Volume & Level of Service Summary
I-95 Standalone
Figure A-1 (Continued)



2022 Relative Conditions
 Traffic Volume & Level of Service Summary
 1-95 Standalone
 Figure A-11 (Continued)

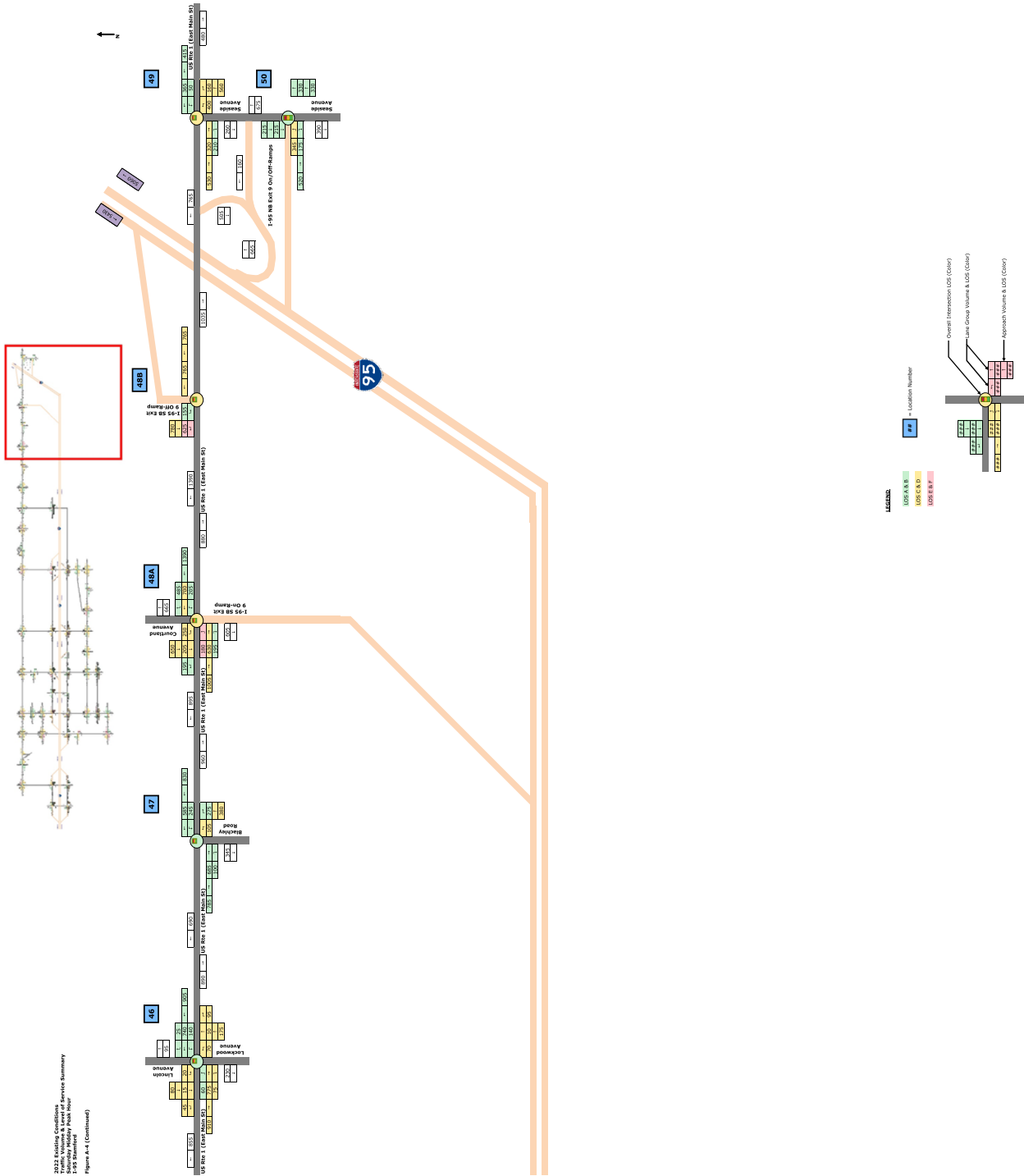


TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
1	Traffic Signal - Harvard Ave at Baxter Ave / I-95 NB Exit 6 Off-Ramp													
	Overall		C	24.0	0.82	B	16.1	0.75	C	25.0	0.86	B	17.0	0.75
	I-95 NB Exit 6 Off-Ramp	EB	C	32.5	0.82	C	28.2	0.75	D	43.5	0.86	C	28.9	0.75
		NB	C	21.3	0.42	B	12.5	0.32	B	17.2	0.40	B	11.7	0.30
	Harvard Avenue	SBL	B	12.3	0.59	A	7.8	0.53	B	16.5	0.66	B	11.2	0.57
		SBT	B	13.9	0.22	A	4.0	0.20	A	3.3	0.20	A	4.3	0.19
2	Traffic Signal - West Ave at Baxter Ave / I-95 NB Exit 6 On-Ramp													
	Overall		B	19.4	0.74	B	19.4	0.66	C	22.7	0.80	B	19.8	0.68
	Baxter Avenue	EBL	D	38.0	0.46	C	24.8	0.32	C	28.5	0.47	C	20.4	0.29
		EBTR	C	32.6	0.60	C	28.2	0.66	D	35.5	0.80	C	27.4	0.68
	West Avenue	NB	B	11.9	0.49	A	7.5	0.35	B	10.4	0.49	B	10.5	0.44
		SB	B	16.4	0.74	C	20.6	0.60	C	21.4	0.71	C	21.8	0.65
3	Traffic Signal - West Ave at Grenhart Rd / I-95 SB Exit 6 Off-Ramp													
	Overall		C	20.3	0.64	B	16.5	0.52	C	21.8	0.57	B	16.8	0.50
	I-95 SB Exit 6 Off-Ramp	WBL	C	26.1	0.63	B	20.0	0.52	C	24.1	0.57	B	19.5	0.50
		WB	C	22.3	0.64	B	18.0	0.50	C	21.9	0.55	B	18.0	0.50
		NBL	C	22.1	0.51	B	17.9	0.42	C	22.8	0.47	B	19.1	0.47
	West Avenue	NBT	B	13.0	0.44	B	12.4	0.30	C	25.2	0.56	B	14.5	0.42
		SB	B	16.6	0.40	B	13.2	0.30	B	16.7	0.34	B	14.3	0.35
4	Traffic Signal - Harvard Ave at Grenhart Rd / I-95 SB Exit 6 On-Ramp													
	Overall		C	21.6	0.84	B	13.5	0.62	C	22.0	0.72	B	12.7	0.63
	Grenhart Road	WBL	B	15.5	0.26	B	15.5	0.15	B	17.6	0.15	B	16.6	0.19
		WBT	D	39.5	0.84	C	28.5	0.62	D	39.7	0.72	C	27.0	0.63
		WBR	A	4.7	0.51	A	7.1	0.55	A	7.9	0.50	A	6.1	0.59
		NBL	C	28.3	0.78	A	9.3	0.42	C	23.5	0.54	A	7.8	0.37
	Harvard Avenue	NBT	B	16.4	0.24	B	11.2	0.27	B	18.2	0.24	A	9.4	0.25
		SB	B	17.7	0.54	B	13.2	0.41	C	20.9	0.54	B	13.0	0.41
5	Traffic Signal - US Route 1 (West Main St) at West Ave													
	Overall		D	42.1	1.00	C	34.9	0.85	D	52.2	1.08	D	39.1	0.89
	US Route 1	EBL	D	35.4	0.57	C	23.6	0.58	C	29.9	0.70	C	30.6	0.72
	(West Main Street)	EBTR	C	28.0	0.58	C	33.1	0.70	F	86.1	1.08	D	42.8	0.87
		WBL	C	22.6	0.55	B	14.2	0.33	C	31.2	0.40	B	19.5	0.46
		WBTR	E	71.5	1.00	D	35.6	0.70	D	50.9	0.82	D	44.1	0.84
		NBL	B	14.3	0.19	C	21.5	0.44	B	16.7	0.20	B	19.2	0.38
	West Avenue	NBTR	C	29.5	0.63	D	40.6	0.79	D	49.7	0.90	C	34.2	0.70
		SBL	B	13.0	0.14	B	14.9	0.14	B	19.0	0.31	B	15.1	0.20
		SBTR	D	44.2	0.88	D	45.8	0.85	D	37.7	0.75	D	48.8	0.89
6A	Traffic Signal - US Route 1 (West Main St) at Wilson St / Driveway													
	Overall		A	8.4	0.51	A	8.3	0.45	B	19.0	0.58	B	11.4	0.58
	US Route 1	EBLT	A	8.1	0.27	B	11.7	0.45	C	28.9	0.58	B	19.1	0.58
	(West Main Street)	EBR	A	4.0	0.35	A	2.0	0.21	B	19.0	0.36	A	6.4	0.36
		WBL	A	1.5	0.10	A	0.8	0.09	A	1.3	0.10	A	1.1	0.09
		WBTR	A	2.9	0.51	A	2.0	0.40	A	1.9	0.38	A	2.7	0.52
	Wilson Street	NBLT	D	41.6	0.26	C	33.7	0.17	D	43.8	0.25	C	34.7	0.23
		NBR	D	44.1	0.39	D	35.4	0.26	D	46.8	0.39	D	36.7	0.33
6B	Traffic Signal - US Route 1 (West Main St) at Richmond Hill Ave / High St													
	Overall		C	22.0	0.72	B	12.1	0.58	B	14.2	0.68	B	15.6	0.64
	US Route 1	WB	C	21.1	0.66	B	12.8	0.47	B	13.6	0.53	B	20.0	0.57
	(West Main Street)													
	Richmond Hill Avenue	NB	D	53.9	0.72	D	44.1	0.58	E	58.7	0.68	D	44.4	0.64

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
7	Traffic Signal - Greenwich Ave at US Route 1 (West Main St / Tresser Blvd)													
	Overall		C	26.8	0.82	B	18.0	0.47	C	26.0	0.70	B	18.0	0.58
	US Route 1	EBL	B	16.1	0.21	B	13.2	0.16	B	14.7	0.22	B	10.4	0.24
	(West Main Street)	EBTR	C	27.5	0.34	B	19.0	0.30	C	27.8	0.49	B	17.4	0.40
	US Route 1	WBL	B	17.1	0.50	B	12.5	0.15	B	15.3	0.36	B	11.0	0.23
	(Tresser Boulevard)	WBTR	C	21.8	0.48	B	17.1	0.30	C	20.2	0.39	B	16.6	0.38
		NBL	C	21.7	0.23	B	18.4	0.13	C	24.0	0.21	C	21.6	0.17
	Greenwich Avenue	NBT	D	40.0	0.64	C	33.2	0.47	D	48.7	0.70	D	39.8	0.58
		NBR	B	11.3	0.40	A	4.6	0.28	B	16.2	0.50	A	7.8	0.39
		SBL	C	20.9	0.19	B	17.8	0.11	C	28.6	0.41	C	21.4	0.17
	West Main Street	SBT	E	56.1	0.82	C	29.3	0.31	D	39.2	0.48	C	33.2	0.35
		SBR	A	3.5	0.22	A	3.7	0.26	B	11.3	0.34	A	3.7	0.27
8	Traffic Signal - Greenwich Ave at Richmond Hill Ave													
	Overall		D	39.3	0.92	C	22.9	0.75	D	35.5	0.93	C	33.8	0.89
	Richmond Hill Avenue	EB	F	84.2	0.92	E	63.3	0.75	E	77.9	0.93	E	67.4	0.89
		WB	D	36.9	0.66	D	36.6	0.45	C	31.2	0.52	C	30.3	0.42
	Greenwich Avenue	NB	D	38.4	0.84	A	7.8	0.33	C	24.8	0.68	B	12.5	0.28
		SB	C	21.2	0.59	A	9.8	0.28	B	18.1	0.38	B	12.4	0.20
9A	Traffic Signal - Greenwich Ave at State Route 790 (South State St) / I-95 NB Exit 7 Off-Ramp													
	Overall		D	35.7	0.97	C	24.4	0.71	D	54.1	1.16	C	25.9	0.71
	I-95 NB Exit 7 Off-Ramp	EBL	E	70.5	0.97	D	48.1	0.52	D	52.9	0.65	D	45.2	0.44
		EBT	D	36.9	0.70	D	50.3	0.71	F	131.2	1.16	D	50.7	0.71
		EBR	A	5.7	0.53	B	10.7	0.41	A	8.8	0.41	A	9.7	0.36
		NBT	A	8.3	0.29	A	1.9	0.16	A	3.7	0.37	A	2.9	0.15
	Greenwich Avenue	NBR	A	5.4	0.17	A	1.2	0.16	A	3.6	0.36	A	1.4	0.08
		SBL	D	36.1	0.38	B	17.8	0.09	C	28.5	0.22	B	18.4	0.11
		SBT	D	39.9	0.69	B	17.1	0.17	C	29.8	0.36	B	17.0	0.16
9B	Traffic Signal - Greenwich Ave at First Stamford Pl													
	Overall		C	20.2	0.87	B	16.6	0.58	D	36.5	0.89	A	9.5	0.36
	First Stamford Place	EB	D	37.6	0.27	D	47.0	0.58	E	57.0	0.89	C	25.2	0.36
		NB	E	56.4	0.87	B	15.4	0.35	D	37.8	0.71	B	12.9	0.25
	Greenwich Avenue	SBT	A	6.2	0.42	A	3.2	0.24	A	7.5	0.39	A	3.4	0.28
		SBR	A	3.8	0.44	A	0.6	0.12	A	1.2	0.10	A	0.2	0.03
11	Traffic Signal - State Route 493/137 (Washington Blvd) at US Route 1 (Tresser Blvd)													
	Overall		D	40.8	0.90	C	34.3	0.85	D	44.1	1.02	D	37.0	0.90
	I-95 NB Exit 7 Off-Ramp	EBL	F	99.3	0.80	F	82.1	0.70	F	116.8	0.96	F	82.1	0.82
	US Route 1	EBTR	C	34.5	0.53	C	29.6	0.41	D	36.4	0.64	C	30.0	0.46
	(Tresser Boulevard)	WBL	F	113.6	0.90	D	41.6	0.48	F	83.7	0.61	D	45.4	0.48
		WBTR	D	42.6	0.75	D	42.7	0.53	E	68.1	0.71	D	50.0	0.71
	State Route 493	NBL	F	105.6	0.79	E	79.9	0.51	E	79.5	0.46	E	77.0	0.42
	(Washington Boulevard)	NBT	D	40.2	0.71	B	18.2	0.43	C	26.1	0.71	C	24.2	0.69
		NBR	D	35.9	0.29	B	17.6	0.25	C	25.3	0.51	C	20.1	0.31
	State Route 137	SBL	F	84.9	0.65	F	90.3	0.85	F	125.7	1.02	F	99.2	0.90
	(Washington Boulevard)	SBT	B	19.2	0.64	C	20.5	0.41	B	13.5	0.54	B	17.5	0.44
		SBR	B	18.5	0.09	C	22.3	0.15	B	12.9	0.13	B	17.9	0.14
12	Traffic Signal - State Route 493 (Washington Blvd) at Division St / Driveway													
	Overall		A	5.6	0.58	A	6.5	0.33	A	8.9	0.58	A	4.7	0.36
	Division Street	EBLT	D	38.8	0.04	D	36.8	0.13	D	47.4	0.31	A	0.0	0.00
		EBR	B	10.2	0.09	A	8.6	0.12	B	17.4	0.24	A	0.5	0.08
	Driveway	WB	A	0.0	0.00	A	0.2	0.04	A	0.2	0.05	A	0.0	0.00
		NBL	A	3.3	0.10	A	7.3	0.04	A	7.1	0.04	A	5.2	0.02
	State Route 493	NBTR	A	7.9	0.58	A	9.4	0.30	B	11.6	0.58	A	6.6	0.36
	(Washington Boulevard)	SBL	A	2.0	0.03	A	0.0	0.00	A	0.0	0.00	A	0.0	0.00
		SBTR	A	3.1	0.54	A	3.2	0.33	A	3.6	0.46	A	2.6	0.32

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
13	Traffic Signal - State Route 493 (Washington Blvd) at Richmond Hill Ave / Driveway													
	Overall		B	15.1	0.78	B	17.1	0.63	C	25.1	1.00	B	16.9	0.60
	Richmond Hill Avenue	EBL	E	59.8	0.62	D	54.2	0.63	F	133.5	1.00	D	52.3	0.60
		EBTR	D	52.9	0.50	D	46.6	0.49	E	56.1	0.71	D	45.0	0.45
	Driveway	WB	D	39.6	0.05	D	36.0	0.09	D	36.5	0.05	A	0.0	0.00
	State Route 493	NBL	D	36.5	0.78	A	5.7	0.33	C	28.1	0.67	B	11.9	0.38
	(Washington Boulevard)	NBTR	A	5.2	0.57	A	5.1	0.28	A	9.1	0.52	B	10.7	0.34
		SB	B	13.1	0.71	B	17.6	0.40	A	7.1	0.65	B	14.9	0.44
14	Traffic Signal - State Route 493 (Washington Blvd) at North State St / I-95 SB Exit 7 On-Ramp													
	Overall		E	60.1	0.96	B	15.5	0.67	B	15.0	0.87	B	14.8	0.71
		WBL	D	44.5	0.40	D	54.8	0.56	C	32.2	0.44	D	51.6	0.71
	North State Street	WBT	D	38.8	0.20	D	45.6	0.31	C	25.4	0.18	D	37.5	0.33
		WBR	F	92.6	0.96	D	35.0	0.67	D	43.1	0.87	C	23.8	0.54
		NBL	F	103.0	0.82	B	10.0	0.27	B	19.5	0.58	B	11.6	0.38
	State Route 493	NBT	E	67.8	0.55	A	5.7	0.19	A	4.7	0.43	A	8.2	0.31
	(Washington Boulevard)	SBT	C	24.0	0.61	A	8.5	0.19	B	10.1	0.39	B	10.1	0.26
		SBR	D	49.3	0.82	A	7.4	0.45	B	15.3	0.76	A	6.5	0.39
15	Traffic Signal - State Route 493 (Washington Blvd) at State Route 790 (South State St)													
	Overall		C	34.8	0.90	C	29.6	0.81	D	40.7	0.90	C	25.3	0.76
	State Route 790	EBL	E	66.0	0.90	E	67.9	0.81	D	54.3	0.86	D	54.2	0.76
	(South State Street)	EB	C	34.4	0.79	C	25.8	0.61	D	41.9	0.90	B	17.0	0.56
		NB	C	33.4	0.53	C	23.1	0.24	D	41.7	0.66	C	22.1	0.35
	State Route 493	SBL	E	59.1	0.73	E	56.3	0.57	E	77.4	0.65	D	50.9	0.66
	(Washington Boulevard)	SBT	B	18.3	0.53	B	15.7	0.24	C	20.3	0.54	B	13.2	0.28
16	Traffic Signal - State Route 493 (Washington Blvd) at Station Place / Driveway													
	Overall		C	23.2	0.69	B	12.3	0.46	B	17.6	0.60	B	13.6	0.52
	Driveway	EB	A	0.0	0.00	A	0.0	0.00	A	0.0	0.00	A	0.0	0.00
	Station Place	WBLT	E	58.7	0.62	D	49.4	0.46	D	48.9	0.52	D	42.0	0.26
		WBR	C	21.3	0.24	C	31.4	0.25	C	26.3	0.46	C	29.3	0.32
	Washington Boulevard	NB	C	25.8	0.51	B	10.2	0.20	C	21.9	0.41	B	12.7	0.27
	State Route 493	SBL	C	31.2	0.69	A	4.4	0.32	B	14.1	0.60	B	11.7	0.52
	(Washington Boulevard)	SBTR	A	4.4	0.22	A	1.4	0.16	A	2.8	0.33	A	2.7	0.18
17	Traffic Signal - Washington Blvd at Henry St / Driveway													
	Overall		C	28.1	1.08	B	15.2	0.74	C	28.0	0.98	B	18.2	0.73
	Driveway	EBL	D	39.1	0.10	D	38.2	0.04	D	44.2	0.40	D	41.3	0.21
		EB	D	39.4	0.11	D	38.2	0.04	D	44.2	0.40	D	41.1	0.21
	Henry Street	WBLT	F	122.4	1.08	E	61.0	0.74	F	95.2	0.98	E	59.0	0.73
		WBR	A	6.0	0.28	A	6.6	0.21	A	5.7	0.25	A	5.6	0.30
		NB	C	20.2	0.57	B	11.7	0.26	B	18.4	0.60	B	16.7	0.35
	Washington Boulevard	SBLT	A	8.1	0.30	A	6.6	0.29	C	21.0	0.77	A	8.7	0.33
		SBR	A	8.7	0.25	A	6.9	0.02	A	8.8	0.03	A	7.9	0.02
18	Traffic Signal - Washington Blvd at Pulaski St / Church Driveway													
	Overall		C	21.5	0.85	C	20.0	0.74	C	33.4	0.96	C	24.8	0.83
	Pulaski Street	EBL	E	59.9	0.85	D	54.1	0.74	E	72.3	0.96	E	56.6	0.83
		EBR	D	47.1	0.69	D	44.3	0.56	E	68.6	0.93	D	38.6	0.49
	Church Driveway	WB	A	0.0	0.00	C	31.0	0.31	D	37.6	0.40	C	27.9	0.64
		NB	B	12.8	0.42	B	11.3	0.21	B	16.7	0.38	B	14.1	0.24
	Washington Boulevard	SBT	B	10.0	0.12	B	10.5	0.12	B	15.2	0.24	B	13.1	0.13
		SBR	A	1.4	0.35	A	1.8	0.37	A	1.7	0.39	A	1.2	0.22

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
19	Traffic Signal - North State St at Guernsey Ave / Driveway													
	Overall		B	12.9	0.34	A	2.5	0.21	A	6.7	0.21	A	1.7	0.13
	North State Street	WB	B	12.4	0.34	A	1.1	0.18	A	6.1	0.18	A	0.7	0.13
	Guernsey Avenue	NB	C	22.2	0.25	C	22.4	0.21	B	13.1	0.21	C	26.9	0.12
		SBT	B	14.4	0.03	B	15.6	0.02	B	14.2	0.01	A	0.0	0.00
	Driveway	SBR	A	2.8	0.05	A	2.9	0.06	A	6.7	0.09	A	0.2	0.04
20	Traffic Signal - State Route 790 (South State St) at Guernsey Ave													
	Overall		A	6.4	0.13	A	5.6	0.10	A	5.7	0.21	A	6.9	0.12
	State Route 790 (South State Street)	EB	A	5.5	0.13	A	4.8	0.10	A	5.1	0.21	A	6.4	0.12
	Guernsey Avenue	SB	B	16.1	0.08	B	18.2	0.05	B	16.9	0.08	B	12.4	0.07
21	Traffic Signal - Atlantic St at US Route 1 (Tresser Blvd)													
	Overall		D	40.8	0.84	C	30.8	0.67	D	39.2	0.79	C	32.4	0.75
		EBL	E	63.7	0.61	C	23.6	0.57	D	52.8	0.67	C	21.4	0.55
	US Route 1 (Tresser Boulevard)	EBTR	D	50.7	0.56	C	32.3	0.62	C	34.9	0.69	D	35.2	0.75
		WBL	C	32.1	0.56	C	31.8	0.44	D	40.5	0.61	D	51.5	0.63
		WBTR	D	46.7	0.84	D	45.6	0.67	D	47.6	0.79	D	41.7	0.65
		NBL	B	14.1	0.21	B	18.0	0.10	C	22.3	0.29	B	18.9	0.14
		NBTR	C	28.7	0.26	C	25.8	0.18	D	41.4	0.46	C	27.7	0.18
	Atlantic Street	SBL	B	19.9	0.26	B	12.2	0.22	C	25.8	0.45	B	13.4	0.26
		SBT	C	31.9	0.27	B	18.5	0.19	D	35.8	0.31	C	20.1	0.21
		SBR	C	31.4	0.05	C	20.2	0.09	C	34.0	0.12	C	21.8	0.09
22	Traffic Signal - Atlantic St at Federal St													
	Overall		B	11.8	0.38	A	5.3	0.25	A	9.6	0.21	A	8.1	0.39
	Federal Street	EB	D	46.7	0.38	D	46.2	0.25	D	41.5	0.17	D	48.8	0.39
		NBL	B	14.5	0.05	A	2.9	0.02	B	14.0	0.05	A	7.4	0.03
	Atlantic Street	NBT	B	13.2	0.18	A	2.6	0.09	B	10.9	0.17	A	5.9	0.12
		SB	A	4.8	0.29	A	2.5	0.15	A	5.0	0.21	A	2.6	0.16
23	Traffic Signal - Atlantic St at North State St / I-95 SB Exit 8 On-Ramp													
	Overall		D	38.2	0.94	D	45.1	0.86	D	45.0	0.85	D	39.9	0.84
	North State Street	WBLT	C	27.4	0.73	E	59.3	0.86	E	71.5	0.85	E	59.4	0.84
		WBTR	C	33.3	0.86	D	51.0	0.66	E	62.5	0.64	D	54.0	0.73
		NBL	B	17.9	0.62	A	7.5	0.30	A	7.8	0.43	A	6.9	0.28
	Atlantic Street	NBT	B	17.0	0.23	B	14.8	0.10	B	10.9	0.21	A	9.6	0.11
		SBT	D	35.3	0.26	C	31.5	0.17	C	23.9	0.20	C	22.9	0.21
		SBR	F	114.8	0.94	D	37.2	0.38	D	36.0	0.53	C	28.2	0.41
24	Traffic Signal - Atlantic St at State Route 790 (South State St)													
	Overall		B	12.3	0.51	B	17.1	0.62	C	20.1	0.73	B	14.9	0.61
	State Route 790	EBL	D	35.1	0.37	D	40.6	0.14	D	36.5	0.17	D	41.7	0.18
	(South State Street)	EBTR	D	37.6	0.51	D	54.3	0.62	D	51.8	0.73	D	52.9	0.61
		NBT	A	7.6	0.27	A	5.9	0.13	B	10.2	0.28	A	4.7	0.14
	Atlantic Street	NBR	A	7.3	0.13	A	5.5	0.09	A	9.9	0.14	A	4.4	0.10
		SBL	A	4.8	0.09	A	2.1	0.08	A	3.2	0.12	A	1.7	0.11
		SBT	A	4.8	0.13	A	2.2	0.09	A	3.2	0.12	A	1.7	0.10

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
25	Traffic Signal - Atlantic St at Station Place / Dock St													
	Overall		B	19.1	0.53	B	19.0	0.41	B	19.4	0.68	B	19.4	0.42
	Station Place	EBL	C	23.3	0.18	C	23.7	0.12	C	26.6	0.26	C	21.4	0.16
		EBTR	D	49.1	0.53	D	43.2	0.41	D	53.7	0.68	D	40.3	0.42
	Dock Street	WBL	C	29.2	0.47	C	27.2	0.28	C	29.8	0.42	C	24.6	0.32
		WBT	D	39.3	0.46	D	35.9	0.26	D	39.8	0.31	C	32.7	0.25
	Atlantic Street	WBR	A	4.8	0.48	A	4.6	0.35	A	5.3	0.48	A	4.1	0.33
		NBL	B	14.9	0.04	B	14.6	0.03	B	14.3	0.04	B	14.9	0.04
		NBT	C	21.3	0.17	B	18.3	0.09	C	20.5	0.18	B	19.8	0.13
		NBR	A	3.4	0.15	A	2.4	0.12	A	3.5	0.26	A	2.5	0.13
		SBL	A	6.0	0.11	B	17.9	0.12	A	5.6	0.18	C	23.1	0.13
		SBT	A	8.3	0.10	C	21.1	0.06	A	8.2	0.08	C	27.7	0.07
		SBR	A	3.8	0.13	A	9.9	0.05	A	1.3	0.04	A	3.4	0.08
26	Traffic Signal - Atlantic St at Henry St													
	Overall		B	18.9	0.64	B	19.1	0.46	C	30.2	0.61	C	20.2	0.35
	Henry Street	EBL	D	39.3	0.37	C	32.3	0.24	C	34.5	0.53	C	32.6	0.35
		EBTR	C	30.5	0.16	C	26.2	0.18	D	36.2	0.56	C	26.4	0.22
		WBL	D	43.2	0.04	D	40.1	0.09	D	45.9	0.13	D	40.1	0.09
		WBTR	D	44.9	0.64	D	36.1	0.46	E	55.8	0.61	C	33.0	0.30
	Atlantic Street	NBL	A	7.9	0.04	A	7.4	0.04	B	16.4	0.04	A	8.9	0.03
		NBTR	B	11.9	0.30	B	10.6	0.24	C	27.0	0.46	B	13.5	0.25
		SBL	A	6.1	0.02	B	12.6	0.03	A	9.3	0.07	B	13.4	0.04
		SBTR	A	8.2	0.35	B	15.8	0.23	B	16.2	0.38	B	15.5	0.26
27	Traffic Signal - State Route 790 (South State St) at I-95 NB Exit 8 Off-Ramp													
	Overall		A	8.9	0.74	A	5.7	0.67	B	12.2	0.75	A	8.9	0.69
	State Route 790 (South State Street)	EB	A	5.7	0.22	A	3.7	0.16	A	7.3	0.50	A	5.6	0.26
	I-95 NB Exit 8 Off-Ramp	EB	A	9.8	0.74	A	6.5	0.67	B	14.8	0.75	B	10.3	0.69
28	Traffic Signal - Pacific St at Dock St													
	Overall		C	31.9	0.90	C	24.5	0.74	C	31.2	0.89	C	25.8	0.77
	Dock Street	EBL	D	45.2	0.06	D	42.4	0.05	D	44.0	0.04	D	41.2	0.04
		EBTR	C	24.4	0.30	B	18.8	0.23	C	25.3	0.50	C	22.4	0.42
		WBL	D	54.5	0.76	D	42.5	0.64	E	64.0	0.89	D	41.7	0.66
		WBTR	B	14.1	0.34	A	9.2	0.16	B	10.8	0.23	A	8.3	0.14
	Pacific Street	NB	D	49.5	0.90	C	34.5	0.74	D	38.9	0.80	D	36.4	0.77
		SB	A	2.0	0.05	C	26.2	0.07	C	20.7	0.09	A	0.0	0.02
29	Traffic Signal - Canal St at US Route 1 (Tresser Blvd) / Greyrock Pl													
	Overall		C	31.9	0.80	C	31.9	0.55	D	39.7	0.82	D	35.5	0.70
	US Route 1 (Tresser Boulevard)	EBL	B	10.2	0.19	C	26.1	0.18	C	23.0	0.26	C	23.7	0.13
		EBT	B	16.8	0.24	D	39.3	0.21	D	41.7	0.47	D	38.4	0.29
		EBR	A	6.9	0.28	C	22.3	0.28	C	30.7	0.40	C	27.2	0.34
		WBL	B	18.9	0.52	B	13.7	0.48	C	21.8	0.52	B	11.1	0.35
		WBT	B	18.9	0.39	B	19.0	0.31	C	29.8	0.29	B	18.3	0.25
	Canal Street	WBR	A	0.1	0.05	A	1.4	0.04	A	3.3	0.05	A	3.7	0.06
		NBL	D	41.0	0.64	C	33.2	0.47	D	39.8	0.61	D	36.3	0.56
		NBTR	D	50.7	0.67	D	44.1	0.55	E	57.4	0.82	D	49.3	0.70
	Greyrock Place	SBL	C	26.8	0.19	C	28.3	0.19	C	22.0	0.29	C	26.3	0.23
		SBT	E	62.5	0.80	D	49.1	0.55	D	43.0	0.65	D	50.1	0.66
		SBR	D	54.4	0.46	D	48.3	0.36	D	38.4	0.38	D	45.2	0.32

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
30	Traffic Signal - Canal St at North State St													
	Overall		D	42.1	0.85	C	27.0	0.85	C	34.0	0.84	C	27.7	0.83
	North State Street	WB	D	51.7	0.85	D	35.2	0.85	D	44.9	0.84	D	38.3	0.83
		NBL	D	49.7	0.51	D	38.6	0.43	D	42.1	0.47	D	35.2	0.42
	Canal Street	NBT	C	21.8	0.27	A	7.1	0.22	B	16.0	0.30	B	10.0	0.27
		SB	D	35.2	0.71	C	21.7	0.53	C	29.3	0.57	C	23.4	0.54
31	Traffic Signal - Canal St at State Route 790 (South State St) / I-95 NB Exit 7 On-Ramp													
	Overall		D	47.5	1.09	C	33.4	0.95	E	79.3	1.46	D	44.7	1.12
		EBL	D	54.1	0.77	D	44.3	0.72	E	57.3	0.87	D	45.3	0.78
	State Route 790 (South State Street)	EBLT	F	100.3	1.09	E	70.3	0.95	F	244.7	1.46	F	111.1	1.12
		EBT	C	28.7	0.14	C	27.6	0.16	C	29.2	0.43	C	26.4	0.19
		EBR	D	43.3	0.72	D	41.7	0.67	D	44.1	0.79	D	38.3	0.65
	Canal Street	NB	D	38.2	0.82	C	28.5	0.49	E	60.7	0.88	C	32.7	0.62
		SB	C	25.6	0.82	A	9.4	0.52	B	13.8	0.63	B	14.8	0.61
32	Traffic Signal - Canal St at Dock St / Jefferson St													
	Overall		C	25.0	0.68	C	23.7	0.81	C	32.0	0.93	C	20.8	0.67
	Dock Street	EBL	C	24.2	0.68	B	18.0	0.40	C	26.7	0.62	B	18.4	0.43
		EBTR	C	23.2	0.25	C	24.3	0.28	C	32.5	0.45	C	23.7	0.24
	Jefferson Street	WBL	B	13.7	0.28	B	12.5	0.23	C	23.8	0.36	B	10.5	0.24
		WBTR	C	28.9	0.66	B	15.2	0.42	D	35.5	0.63	B	14.8	0.43
		NBLT	D	48.3	0.39	D	38.0	0.27	D	44.6	0.46	D	37.6	0.23
	Canal Street	NBR	A	7.8	0.18	A	8.8	0.28	B	13.2	0.32	A	8.5	0.25
		SBL	C	34.5	0.66	D	47.1	0.81	E	55.6	0.93	D	37.3	0.67
		SBTR	B	14.4	0.42	B	17.6	0.30	B	15.4	0.46	B	16.8	0.31
33	Traffic Signal - Elm St at US Route 1 (Tresser Blvd / East Main St)													
	Overall		E	66.7	1.00	D	42.7	0.90	E	60.5	1.09	D	45.1	0.89
	US Route 1 (Tresser Boulevard)	EBL	E	66.1	0.68	D	51.6	0.72	F	122.8	0.92	D	43.0	0.64
		EBTR	C	29.2	0.28	C	20.3	0.26	C	27.2	0.68	C	27.6	0.40
	US Route 1 (East Main Street)	WBL	E	70.6	0.79	F	87.3	0.90	E	69.4	0.71	E	63.4	0.79
		WBTR	D	44.2	0.79	C	31.8	0.53	D	39.7	0.57	C	30.4	0.39
		NBL	F	106.5	1.00	E	79.9	0.79	F	90.3	0.86	F	94.8	0.89
	Elm Street	NBTR	D	42.8	0.59	D	35.7	0.51	D	36.8	0.62	D	45.5	0.63
		SBL	D	44.5	0.31	D	41.1	0.13	E	68.1	0.20	D	43.6	0.17
		SBTR	F	112.4	0.98	D	54.4	0.78	F	101.9	1.09	D	53.2	0.82
34	Traffic Signal - Elm St at North State St / I-95 SB Exit 8 Off-Ramp													
	Overall		D	52.1	0.98	C	32.5	0.84	D	35.6	0.87	D	35.8	0.82
	I-95 SB Exit 8 Off-Ramp	WB	E	69.4	0.96	D	44.2	0.84	D	43.1	0.66	D	43.4	0.81
		WBR	F	80.6	0.98	E	56.7	0.83	E	67.8	0.87	E	55.9	0.82
		NBL	D	41.2	0.80	B	16.1	0.41	D	41.7	0.73	C	24.7	0.49
	Elm Street	NBT	A	4.4	0.42	A	8.3	0.23	C	30.5	0.27	C	21.1	0.27
		SB	E	57.6	0.73	C	26.7	0.37	C	26.7	0.54	C	33.3	0.46
35	Traffic Signal - Elm St at State Route 790 (South State St) / I-95 NB Exit 8 On-Ramp													
	Overall		C	30.7	0.80	C	25.4	0.68	C	34.2	0.86	C	28.5	0.78
	State Route 790 (South State Street)	EBLT	E	74.3	0.61	E	60.4	0.52	E	68.2	0.86	E	59.8	0.50
		EBTR	D	35.5	0.57	C	31.8	0.68	C	33.1	0.85	C	29.0	0.66
		NB	D	40.5	0.80	B	20.0	0.53	D	35.8	0.71	D	37.7	0.78
	Elm Street	SBL2	C	26.2	0.66	E	64.9	0.55	D	43.8	0.84	C	30.9	0.53
		SBL	C	22.8	0.66	E	64.1	0.55	D	41.2	0.84	C	30.4	0.52
		SBT	A	9.9	0.51	A	1.7	0.40	B	19.6	0.67	B	10.6	0.59

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
36	Traffic Signal - Elm St at Cherry St / Elm Ct													
	Overall		A	8.1	0.57	A	5.2	0.54	B	12.0	0.61	A	6.0	0.47
	Cherry Street	EB	D	50.8	0.57	D	50.3	0.54	E	65.0	0.61	D	45.8	0.47
	Elm Court	WB	C	22.8	0.19	C	20.1	0.19	C	31.0	0.21	C	25.0	0.14
	Elm Street	NB	A	4.0	0.50	A	2.1	0.32	A	5.5	0.39	A	2.9	0.40
		SB	A	6.6	0.34	A	2.7	0.36	B	11.2	0.49	A	5.6	0.39
37	Traffic Signal - Jefferson St at Cherry St / Harbor View Ave													
	Overall		D	37.7	0.81	C	29.8	0.74	C	33.5	0.82	C	27.2	0.67
	Jefferson Street	EBL	B	18.1	0.14	B	15.9	0.06	C	20.9	0.12	B	13.6	0.05
		EBTR	B	18.7	0.39	B	15.9	0.39	C	24.8	0.57	B	14.5	0.35
		WB	D	41.3	0.63	C	34.4	0.35	C	31.7	0.43	C	28.8	0.28
	Harbor View Avenue	NBL	E	61.7	0.81	E	55.8	0.74	E	65.8	0.82	E	55.5	0.67
		NBTR	C	23.2	0.14	B	18.9	0.22	C	24.1	0.20	C	22.4	0.23
	Cherry Street	SB	E	65.3	0.78	E	61.1	0.63	E	72.8	0.64	E	59.6	0.66
38	Traffic Signal - Jefferson St at Magee Ave													
	Overall		B	10.1	0.73	B	11.2	0.72	B	14.8	0.78	B	11.7	0.64
	Jefferson Street	EB	A	1.4	0.37	A	2.9	0.34	A	3.3	0.56	A	4.0	0.35
		WBL	A	9.8	0.54	B	10.6	0.47	B	16.8	0.66	A	9.1	0.43
		WBT	A	4.1	0.16	A	5.4	0.10	A	3.7	0.14	A	5.6	0.11
	Magee Avenue	NBL	E	66.3	0.73	E	58.9	0.72	E	62.3	0.78	D	52.6	0.64
		NBR	A	3.5	0.40	A	3.9	0.46	C	20.8	0.59	B	12.0	0.59
39	Traffic Signal - Elm St at Jefferson St / Myrtle Ave													
	Overall		D	36.4	0.78	C	27.8	0.62	D	45.2	0.94	C	29.7	0.72
	Jefferson Street	EBL	D	40.0	0.78	C	29.0	0.59	C	34.9	0.62	C	29.9	0.67
		EBTR	C	25.9	0.33	B	18.9	0.34	C	32.1	0.54	B	18.0	0.39
	Myrtle Avenue	WBL	B	19.9	0.22	B	19.3	0.27	C	27.8	0.44	C	23.0	0.41
		WBTR	C	29.8	0.50	C	26.4	0.31	C	31.4	0.34	C	28.8	0.34
		NBL	D	39.2	0.71	C	30.7	0.46	D	55.0	0.84	D	39.3	0.66
	Elm Street	NBTR	D	44.9	0.71	D	37.6	0.46	D	37.7	0.63	D	37.9	0.58
		SBL	D	35.9	0.43	C	20.4	0.28	C	30.9	0.69	B	19.7	0.37
		SBTR	D	38.3	0.58	C	28.0	0.62	E	70.1	0.94	C	31.4	0.72
40	Traffic Signal - US Route 1 (East Main St) at Broad St / Lindale St													
	Overall		B	13.9	0.59	C	23.8	0.81	C	27.1	0.84	C	21.0	0.77
	Broad Street	EBL	D	54.2	0.10	D	54.2	0.10	D	45.0	0.10	A	0.0	0.00
		EBTR	C	33.4	0.59	E	60.4	0.81	D	42.3	0.84	D	53.8	0.77
	US Route 1	WBL	B	13.6	0.44	B	14.8	0.23	C	25.5	0.30	B	12.7	0.25
	(East Main Street)	WBTR	A	2.3	0.44	A	4.6	0.29	A	7.6	0.38	A	2.3	0.41
		NB	B	13.5	0.22	B	18.2	0.31	C	30.4	0.45	C	22.8	0.31
41	Traffic Signal - US Route 1 (East Main St) at Glenbrook Rd / Clarks Hill Ave													
	Overall		E	61.1	1.06	C	23.5	0.62	D	40.5	0.94	C	31.7	0.77
	US Route 1	EBL	E	57.4	0.86	B	10.9	0.51	E	58.2	0.94	C	32.9	0.73
	(East Main Street)	EBTR	C	25.1	0.25	B	12.8	0.26	C	26.1	0.40	B	18.4	0.34
		WBL	A	9.3	0.02	A	9.6	0.05	B	13.3	0.05	B	11.0	0.05
		WBTR	F	96.4	1.06	C	29.9	0.46	D	50.6	0.79	D	44.1	0.77
	Clarks Hill Avenue	NBL	C	29.4	0.19	D	40.4	0.30	D	47.0	0.36	D	38.2	0.27
		NBTR	C	21.1	0.13	C	24.9	0.22	D	40.2	0.42	C	25.0	0.24
	Glenbrook Road	SBLT	C	29.5	0.20	D	45.2	0.45	E	55.7	0.55	D	42.4	0.43
		SBR	D	41.5	0.90	C	29.3	0.62	C	20.7	0.57	C	25.0	0.66

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning			Weekday Midday			Weekday Afternoon			Saturday Midday		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
42	Traffic Signal - US Route 1 (East Main St) at Lafayette St													
	Overall		B	13.1	0.78	B	12.1	0.66	B	17.5	0.87	B	16.8	0.86
	US Route 1	EB	A	3.9	0.20	A	6.2	0.25	B	13.7	0.30	B	10.8	0.34
	(East Main Street)	WB	A	6.8	0.43	A	6.8	0.25	A	3.5	0.32	A	8.1	0.34
		NB	C	23.0	0.20	C	23.1	0.24	B	19.9	0.29	B	19.1	0.29
	Lafayette Street	SBL	E	68.8	0.78	E	60.1	0.66	E	79.5	0.87	E	71.8	0.86
		SBTR	B	14.6	0.19	B	17.7	0.18	B	14.3	0.16	B	11.6	0.20
44	Traffic Signal - US Route 1 (East Main St) at North State St / Plaza Driveway													
	Overall		B	12.5	0.45	A	6.2	0.35	A	7.9	0.68	A	9.5	0.55
	US Route 1	EB	A	7.6	0.29	A	5.0	0.30	A	4.9	0.40	A	9.1	0.37
	(East Main Street)	WB	B	13.7	0.37	A	6.2	0.24	A	5.4	0.29	A	6.2	0.32
	North State Street	NB	C	20.3	0.42	A	1.4	0.23	C	30.1	0.68	B	16.9	0.55
	Plaza Driveway	SB	D	40.9	0.45	C	32.6	0.35	C	33.8	0.35	D	43.1	0.55
45	Traffic Signal - US Route 1 (East Main St) at Myrtle Ave													
	Overall		D	42.7	1.04	D	44.9	1.35	D	44.2	1.31	D	40.3	1.35
	US Route 1	EB	D	37.1	0.63	C	23.8	0.51	C	33.7	0.82	C	27.8	0.69
	(East Main Street)	WBL	F	113.7	1.04	F	252.2	1.35	F	226.2	1.31	F	244.0	1.35
		WBT	C	26.9	0.52	B	15.4	0.30	B	16.3	0.40	B	14.6	0.42
	Myrtle Avenue	NBL	E	74.0	0.86	E	64.8	0.83	E	67.4	0.84	E	61.7	0.78
		NBR	C	27.4	0.25	C	30.1	0.27	C	32.9	0.37	C	32.4	0.36
46	Traffic Signal - US Route 1 (East Main St) at Lockwood Ave / Lincoln Ave													
	Overall		C	26.3	0.98	B	17.9	0.76	C	27.5	0.93	B	18.3	0.67
	US Route 1	EBL	A	7.1	0.18	B	11.0	0.12	B	13.3	0.20	B	12.3	0.14
	(East Main Street)	EBTR	C	20.4	0.48	B	18.0	0.36	C	27.8	0.55	C	22.7	0.45
		WBL	B	10.2	0.37	A	4.2	0.19	B	18.4	0.56	A	7.6	0.36
		WBTR	B	13.6	0.54	A	7.0	0.26	B	11.9	0.39	A	9.2	0.36
	Lockwood Avenue	NB	E	77.4	0.98	D	51.4	0.76	E	76.1	0.93	D	41.4	0.67
	Lincoln Avenue	SB	C	22.5	0.37	C	21.9	0.29	C	30.9	0.39	C	20.3	0.28
47	Traffic Signal - US Route 1 (East Main St) at Blachley Rd													
	Overall		C	20.9	0.84	A	10.0	0.47	B	18.8	0.81	B	14.4	0.63
	US Route 1	EB	B	19.3	0.47	B	14.1	0.33	B	17.1	0.54	B	17.4	0.41
	(East Main Street)	WBL	C	25.7	0.60	A	4.8	0.30	C	30.9	0.70	B	18.5	0.53
		WBT	A	5.4	0.33	A	2.7	0.28	A	4.5	0.27	A	2.7	0.24
	Blachley Road	NBL	E	69.1	0.84	D	49.4	0.41	E	57.3	0.60	D	53.4	0.59
		NBR	B	19.2	0.70	B	10.5	0.47	C	24.3	0.81	A	9.7	0.63
48A	Traffic Signal - US Route 1 (East Main St) at State Route 106 (Courtland Ave) / I-95 SB Exit 9 On-Ramp													
	Overall		D	39.4	0.87	C	26.8	0.88	C	27.3	0.87	C	31.3	0.98
	US Route 1	EBL	F	97.2	0.83	F	91.8	0.88	F	89.2	0.87	F	115.3	0.98
	(East Main Street)	EBT	C	30.4	0.62	D	35.2	0.68	C	31.0	0.79	D	45.8	0.82
		EBR	A	9.8	0.44	A	5.8	0.37	A	8.4	0.44	A	7.6	0.40
		WBL	B	12.8	0.54	A	2.9	0.29	C	28.4	0.54	A	7.9	0.39
		WBT	B	18.8	0.50	C	23.7	0.41	B	17.6	0.50	C	20.3	0.47
		WBR	A	4.6	0.49	A	6.9	0.50	A	3.7	0.52	A	7.0	0.52
	State Route 106	SBL	F	126.1	0.75	D	36.0	0.41	D	47.5	0.48	D	45.8	0.52
	(Courtland Avenue)	SBLT	F	134.8	0.87	D	41.3	0.60	E	55.3	0.69	D	45.7	0.52
		SBR	A	5.9	0.19	A	8.9	0.47	C	21.6	0.63	B	18.4	0.62
48B	Traffic Signal - US Route 1 (East Main St) at I-95 SB Exit 9 Off-Ramp													
	Overall		C	24.2	0.84	C	28.7	0.91	C	26.8	0.91	D	47.1	1.06
	US Route 1	WB	C	27.9	0.42	C	33.3	0.33	D	42.6	0.52	C	33.5	0.37
	(East Main Street)	SBL	D	53.3	0.41	E	64.2	0.68	E	66.8	0.77	E	76.5	0.81
	I-95 SB Exit 9 Off-Ramp	SBR	A	9.4	0.77	A	9.7	0.74	A	8.1	0.72	A	9.5	0.74

TABLE A-1

Intersection Operation Summary - 2022 Existing Conditions - Level of Service, Average Delay, & V/C Ratio

Int. No.	Intersection/ Lane Group	Lane Use	Weekday Morning Peak Hour			Weekday Midday Peak Hour			Weekday Afternoon Peak Hour			Saturday Midday Peak Hour		
			LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
49	Traffic Signal - US Route 1 (East Main St) at Seaside Ave													
	Overall		C	25.6	0.81	C	28.6	0.78	C	22.4	0.82	C	27.2	0.79
	US Route 1 (East Main Street)	EBT	C	27.3	0.13	C	32.8	0.12	B	17.5	0.23	D	36.5	0.18
		EBR	A	0.7	0.10	A	1.5	0.14	A	0.9	0.24	A	1.3	0.18
		WBL	A	7.1	0.07	A	4.3	0.05	B	12.6	0.12	A	6.2	0.08
		WBT	A	7.5	0.26	A	4.1	0.12	B	11.9	0.19	A	6.0	0.17
	Seaside Avenue	NB	D	46.3	0.81	D	50.4	0.78	D	46.5	0.82	D	47.2	0.79
50	Traffic Signal - Seaside Ave at I-95 NB Exit 9 Off-Ramp													
	Overall		B	16.8	0.74	B	15.1	0.72	B	14.0	0.76	B	14.6	0.73
	I-95 NB Exit 9 Off-Ramp	EBL	C	24.5	0.74	C	23.9	0.72	C	24.8	0.76	C	23.3	0.73
		EBR	A	3.0	0.19	A	3.4	0.23	A	3.2	0.39	A	3.3	0.32
		NB	B	15.0	0.51	B	10.2	0.28	B	12.3	0.34	B	11.0	0.34
	Seaside Avenue	SB	B	10.2	0.12	B	13.5	0.16	A	9.6	0.29	B	14.5	0.22
10	Unsignalized AWSC - Greenwich Ave at Pulaski St / Davenport St													
	Overall		F	62.5	1.11	C	16.8	0.68	F	132.7	1.49	C	19.2	0.78
	Davenport Street	NB	B	13.7	0.00	B	11.6	0.01	B	13.8	0.00	B	10.5	0.00
	Greenwich Avenue	EB	F	99.7	1.11	C	20.0	0.68	F	246.9	1.49	D	25.6	0.78
	Pulaski Street	WB	F	61.1	1.01	C	15.6	0.56	F	73.9	1.13	C	16.6	0.59
	Greenwich Avenue	SBLT	C	18.2	0.48	B	11.6	0.18	D	29.8	0.76	B	14.3	0.37
		SBR	C	17.9	0.56	B	14.3	0.37	C	16.1	0.47	B	11.5	0.30
43	Unsignalized AWSC - North State St at Lafayette St													
	Overall		A	7.6	0.05	A	7.6	0.05	A	7.7	0.08	A	7.6	0.07
	Lafayette Street	NBL	A	8.2	0.05	A	8.2	0.05	A	8.2	0.05	A	8.2	0.05
		NBT	A	7.6	0.03	A	7.6	0.04	A	7.8	0.08	A	7.8	0.07
	North State Street	EB	A	7.5	0.02	A	7.5	0.01	A	7.7	0.03	A	7.5	0.02
		WB	A	7.2	0.03	A	7.0	0.03	A	7.2	0.05	A	7.1	0.04
	Lafayette Street	SB	A	7.1	0.02	A	7.0	0.01	A	7.0	0.02	A	7.1	0.03

TABLE A-2

Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
1 Traffic Signal - Harvard Ave at Baxter Ave / I-95 NB Exit 6 Off-Ramp											
I-95 NB Exit 6 Off-Ramp	EB	100	197	234	110	148	198	265	119	171	
	NB	>1000	197	234	110	148	198	265	119	171	
	Harvard Avenue	SBL	250	28	68	14	83	103	276	36	156
	SBT	250	77	116	34	34	39	42	38	40	
2 Traffic Signal - West Ave at Baxter Ave / I-95 NB Exit 6 On-Ramp											
Baxter Avenue	EBL	560	59	110	39	70	62	94	31	52	
	EBTR	560	95	110	118	164	200	262	122	171	
	NB	870	64	125	35	78	83	137	58	114	
	West Avenue	SB	245	246	283	111	240	139	257	137	248
3 Traffic Signal - West Ave at Grenhart Rd / I-95 SB Exit 6 Off-Ramp											
I-95 SB Exit 6 Off-Ramp	WBL	365	203	316	129	214	198	304	128	208	
	WB	950	207	275	126	175	193	254	126	175	
	NBL	215	39	52	40	57	50	47	36	48	
	West Avenue	NBT	215	46	187	68	150	201	236	92	158
	SB	>1000	104	147	62	82	93	132	77	114	
4 Traffic Signal - Harvard Ave at Grenhart Rd / I-95 SB Exit 6 On-Ramp											
Grenhart Road	WBL	300	36	36	11	19	25	32	15	24	
	WBT	560	211	239	81	127	202	277	75	100	
	WBR	560	20	8	9	33	26	40	6	18	
	NBL	240	123	209	8	76	80	191	8	51	
Harvard Avenue	NBT	240	131	188	85	205	139	233	70	175	
	SB	>1000	117	174	85	158	171	272	91	162	
5 Traffic Signal - US Route 1 (West Main St) at West Ave											
US Route 1 (West Main Street)	EBL	190	28	81	87	141	48	94	86	166	
	EBTR	500	88	194	240	386	502	680	327	522	
	WBL	275	43	87	45	54	29	80	36	60	
	WBTR	905	385	597	232	379	170	419	277	465	
West Avenue	NBL	60	10	24	33	60	19	40	26	52	
	NBTR	>1000	199	282	201	295	391	606	180	279	
	SBL	115	15	32	12	28	24	48	19	41	
	SBTR	>1000	331	462	218	319	301	434	243	407	
6A Traffic Signal - US Route 1 (West Main St) at Wilson St / Driveway											
US Route 1 (West Main Street)	EBLT	140	31	47	72	74	284	342	175	340	
	EBR	140	0	15	2	3	99	112	8	68	
	WBL	75	1	5	1	1	1	4	1	2	
	WBTR	75	10	41	6	7	0	0	14	20	
Wilson Street	NBLT	>1000	36	72	24	37	40	81	35	63	
	NBR	>1000	50	94	33	46	58	109	41	73	
6B Traffic Signal - US Route 1 (West Main St) at Richmond Hill Ave / High St											
US Route 1 (West Main Street)	WB	340	152	361	137	167	146	199	213	258	
	Richmond Hill Avenue	NB	460	118	176	71	102	113	182	94	147

Legend

= Queues Exceed Available Storage

TABLE A-2

Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning		Weekday Midday		Weekday Afternoon		Saturday Midday	
				Peak Hour		Peak Hour		Peak Hour		Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
7 Traffic Signal - Greenwich Ave at US Route 1 (West Main St / Tresser Blvd)											
US Route 1 (West Main Street)	EBL	50	26	53	18	45	28	47	23	53	
	EBTR	135	114	177	70	164	180	261	112	243	
	WBL	150	72	144	14	49	44	77	20	60	
	WBTR	435	153	256	66	144	140	193	110	203	
Greenwich Avenue	NBL	70	24	43	18	30	30	60	22	34	
	NBT	835	148	207	86	115	154	241	92	116	
	NBR	70	18	65	0	24	34	100	0	34	
	SBL	75	18	32	13	22	45	67	18	31	
West Main Street	SBT	555	156	191	47	65	95	130	47	72	
	SBR	50	0	8	0	14	12	39	0	16	
8 Traffic Signal - Greenwich Ave at Richmond Hill Ave											
Richmond Hill Avenue	EB	>1000	201	244	123	151	246	412	216	285	
	WB	375	151	227	93	140	158	221	104	162	
	NB	700	568	625	37	236	383	570	114	201	
Greenwich Avenue	SB	840	297	400	86	127	154	225	67	110	
9A Traffic Signal - Greenwich Ave at State Route 790 (South State St) / I-95 NB Exit 7 Off-Ramp											
I-95 NB Exit 7 Off-Ramp	EBL	230	408	603	87	138	159	231	74	119	
	EBT	950	270	327	128	164	381	463	130	166	
	EBR	270	0	55	0	48	0	49	0	47	
	NBT	60	10	21	5	7	8	19	10	14	
Greenwich Avenue	NBR	60	0	0	0	0	0	0	0	1	
	SBL	150	50	105	15	59	55	66	26	72	
	SBT	715	171	247	45	101	117	116	47	105	
9B Traffic Signal - Greenwich Ave at First Stamford Pl											
First Stamford Place	EB	585	27	53	58	88	231	263	16	29	
	NB	455	230	455	89	194	263	380	61	148	
Greenwich Avenue	SBT	30	64	61	20	23	51	45	23	42	
	SBR	30	38	38	0	0	0	0	0	0	
11 Traffic Signal - State Route 493/137 (Washington Blvd) at US Route 1 (Tresser Blvd)											
US Route 1 (Tresser Boulevard)	EBL	325	57	161	51	134	107	250	100	182	
	EBTR	550	120	111	96	100	193	237	126	158	
	WBL	200	121	167	41	72	58	98	40	75	
	WBTR	650	97	165	124	153	174	134	181	221	
State Route 493 (Washington Boulevard)	NBL	200	51	110	42	86	35	62	32	64	
	NBT	460	197	442	75	142	127	323	230	282	
	NBR	250	56	117	32	53	67	179	76	87	
State Route 137 (Washington Boulevard)	SBL	210	76	124	132	235	209	382	153	279	
	SBT	275	160	241	88	173	102	136	85	134	
	SBR	230	11	28	25	70	17	35	23	53	
12 Traffic Signal - State Route 493 (Washington Blvd) at Division St / Driveway											
Division Street	EBLT	430	4	16	11	27	31	68	0	0	
	EBR	180	0	15	0	17	16	49	0	0	
Driveway	WB	100	0	0	0	0	0	0	0	0	
	NBL	175	5	4	4	15	2	5	0	4	
State Route 493 (Washington Boulevard)	NBTR	230	252	277	124	202	414	496	7	190	
	SBL	100	0	1	0	0	0	0	0	0	
	SBTR	445	44	50	32	55	53	108	15	69	

Legend

= Queues Exceed Available Storage

TABLE A-2

Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
13 Traffic Signal - State Route 493 (Washington Blvd) at Richmond Hill Ave / Driveway											
Richmond Hill Avenue Driveway State Route 493 (Washington Boulevard)	EBL	335	82	133	82	119	227	404	83	138	
	EBTR	335	72	120	72	105	165	260	66	114	
	WB	100	8	11	11	9	12	18	0	0	
	NBL	145	102	163	28	20	68	113	58	28	
	NBTR	235	135	131	73	107	194	141	179	90	
	SB	240	171	103	194	235	66	142	134	205	
14 Traffic Signal - State Route 493 (Washington Blvd) at North State St / I-95 SB Exit 7 On-Ramp											
North State Street State Route 493 (Washington Boulevard)	WBL	430	124	223	76	107	50	83	119	204	
	WBT	430	75	122	50	78	25	49	56	89	
	WBR	410	308	538	159	192	95	149	89	144	
	NBL	150	220	228	8	96	78	156	28	135	
	NBT	150	228	215	14	82	15	96	61	164	
	SBT	250	215	264	76	114	113	164	84	151	
	SBR	250	405	635	119	223	76	553	82	124	
15 Traffic Signal - State Route 493 (Washington Blvd) at State Route 790 (South State St)											
State Route 790 (South State Street) State Route 493 (Washington Boulevard)	EBL	100	284	429	129	235	463	471	191	358	
	EB	760	219	284	73	121	442	409	91	129	
	NB	170	253	350	64	164	255	271	101	252	
	SBL	150	78	117	51	80	72	118	63	122	
	SBT	150	272	366	40	145	89	147	61	203	
16 Traffic Signal - State Route 493 (Washington Blvd) at Station Place / Driveway											
Driveway Station Place Washington Boulevard State Route 493 (Washington Boulevard)	EB	100	0	0	0	0	0	0	0	0	
	WBLT	450	115	153	71	90	123	136	46	71	
	WBR	40	77	81	59	57	166	133	85	91	
	NB	250	201	317	50	123	165	252	86	163	
	SBL	170	213	299	31	31	69	56	65	118	
	SBTR	170	26	72	27	8	9	12	35	12	
17 Traffic Signal - Washington Blvd at Henry St / Driveway											
Driveway Henry Street Washington Boulevard	EBL	100	10	17	4	13	47	88	23	14	
	EB	100	12	20	4	13	48	90	23	14	
	WBLT	735	157	304	80	136	135	281	83	119	
	WBR	85	0	39	0	28	0	39	0	23	
	NB	220	179	241	45	105	136	195	100	142	
	SBLT	260	60	84	36	82	158	186	72	101	
	SBR	145	68	111	2	12	6	15	4	12	
18 Traffic Signal - Washington Blvd at Pulaski St / Church Driveway											
Pulaski Street Church Driveway Washington Boulevard	EBL	130	172	283	130	193	259	446	179	230	
	EBR	870	127	202	87	139	229	404	89	128	
	WB	200	0	0	12	3	25	26	25	0	
	NB	635	94	217	44	102	94	143	55	110	
	SBT	215	25	66	30	55	71	121	34	70	
	SBR	215	0	16	0	4	0	20	0	16	

Legend

= Queues Exceed Available Storage

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Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
19 Traffic Signal - North State St at Guernsey Ave / Driveway											
	North State Street	WB	400	245	275	2	11	29	69	0	8
	Guernsey Avenue	NB	150	33	59	11	11	21	52	12	16
	Driveway	SBT	100	3	6	2	6	1	7	0	0
		SBR	100	0	0	0	2	0	16	0	0
20 Traffic Signal - State Route 790 (South State St) at Guernsey Ave											
	State Route 790 (South State Street)	EB	450	37	41	39	26	85	116	70	31
	Guernsey Avenue	SB	150	8	13	5	9	12	18	6	6
21 Traffic Signal - Atlantic St at US Route 1 (Tresser Blvd)											
		EBL	180	73	113	69	105	87	138	70	93
	US Route 1 (Tresser Boulevard)	EBTR	650	114	94	120	147	159	248	184	197
		WBL	160	68	86	36	77	66	125	58	136
		WBTR	360	269	179	74	107	139	184	59	131
		NBL	300	37	104	12	70	43	135	19	89
		NBTR	365	116	170	48	124	115	223	43	121
	Atlantic Street	SBL	105	60	78	24	64	80	135	34	77
		SBT	320	98	133	38	92	86	146	50	102
		SBR	80	14	34	14	49	24	62	16	48
22 Traffic Signal - Atlantic St at Federal St											
	Federal Street	EB	>1000	70	86	31	48	30	51	53	85
		NBL	160	13	21	0	10	6	35	7	21
	Atlantic Street	NBT	220	134	120	0	61	56	171	54	85
		SB	365	70	55	0	94	19	124	0	111
23 Traffic Signal - Atlantic St at North State St / I-95 SB Exit 8 On-Ramp											
	North State Street	WBLT	>1000	318	368	333	292	316	353	248	297
		WBTR	>1000	378	440	251	227	233	261	211	259
		NBL	140	64	92	19	139	27	36	18	35
	Atlantic Street	NBT	140	73	40	34	70	63	120	23	88
		SBT	235	102	108	43	118	58	112	53	127
		SBR	235	321	433	70	196	100	291	83	202
24 Traffic Signal - Atlantic St at State Route 790 (South State St)											
	State Route 790 (South State Street)	EBL	230	41	62	17	34	40	73	23	47
		EBTR	450	56	67	80	90	185	213	78	101
		NBT	205	60	127	44	30	74	128	20	32
	Atlantic Street	NBR	205	23	64	23	21	29	68	11	23
		SBL	135	8	24	6	12	9	19	6	13
		SBT	135	32	58	12	20	25	37	12	18

Legend

= Queues Exceed Available Storage

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Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
25 Traffic Signal - Atlantic St at Station Place & Dock St											
Station Place	EBL	80	27	51	21	37	53	88	25	46	
	EBTR	>1000	104	172	77	110	161	243	85	132	
	WBL	200	91	135	53	73	67	108	54	88	
Dock Street	WBT	385	127	192	62	91	75	130	60	102	
	WBR	385	0	52	0	39	0	56	0	39	
	NBL	90	11	26	4	23	10	23	6	26	
Atlantic Street	NBT	270	86	105	19	75	78	106	32	95	
	NBR	125	1	4	0	0	8	52	0	1	
	SBL	70	21	19	38	69	13	26	26	88	
	SBT	200	26	36	26	48	23	40	20	62	
	SBR	200	0	1	0	26	0	4	0	11	
26 Traffic Signal - Atlantic St at Henry St											
Henry Street	EBL	50	48	83	32	57	114	171	60	86	
	EBTR	725	30	59	28	56	189	264	46	72	
	WBL	50	4	15	8	22	10	22	8	21	
	WBTR	600	58	98	38	69	73	89	24	50	
Atlantic Street	NBL	170	5	16	5	14	9	23	4	13	
	NBTR	>1000	93	184	63	119	236	327	86	126	
	SBL	170	3	14	7	14	9	9	10	19	
	SBTR	445	98	104	111	94	152	144	71	119	
27 Traffic Signal - State Route 790 (South State St) at I-95 NB Exit 8 Off-Ramp											
State Route 790 (South State Street)	EB	355	21	29	17	34	36	68	25	44	
I-95 NB Exit 8 Off-Ramp	EB	>1000	82	90	22	52	145	198	71	97	
28 Traffic Signal - Pacific St at Dock St											
Dock Street	EBL	90	4	15	3	16	3	15	3	15	
	EBTR	400	74	100	51	102	138	214	113	212	
	WBL	100	154	255	97	192	188	383	112	210	
	WBTR	700	103	170	31	90	59	132	29	79	
Pacific Street	NB	860	249	417	107	178	156	261	114	199	
	SB	420	0	0	5	8	12	20	0	0	
29 Traffic Signal - Canal St at US Route 1 (Tresser Blvd) / Greyrock Pl											
US Route 1 (Tresser Boulevard)	EBL	240	4	27	28	80	53	117	33	78	
	EBT	440	48	110	79	127	230	294	126	180	
	EBR	50	0	100	55	129	137	236	103	191	
	WBL	300	91	97	18	86	83	133	62	79	
	WBT	985	132	111	119	132	137	184	99	128	
Canal Street	WBR	50	0	0	0	1	1	4	3	14	
	NBL	175	124	162	0	113	115	158	101	129	
	NBTR	380	207	242	154	174	273	330	187	241	
Greyrock Place	SBL	180	22	56	29	59	20	37	26	61	
	SBT	420	176	243	115	162	164	205	135	202	
	SBR	160	85	153	62	110	78	125	56	106	

Legend

= Queues Exceed Available Storage

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Intersection Operation Summary - 2022 Existing Conditions - Queues

Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
30 Traffic Signal - Canal St at North State St											
North State Street	WB	>1000		366	363	199	136	281	306	188	188
	NBL	125		90	108	106	135	143	127	107	114
	NBT	125		109	176	36	81	67	156	61	87
	SB	385		319	453	270	238	333	419	242	308
31 Traffic Signal - Canal St at State Route 790 (South State St) / I-95 NB Exit 7 On-Ramp											
State Route 790 (South State Street)	EBL	370		279	418	213	314	305	496	263	417
	EBLT	450		495	735	300	467	789	1005	467	690
	EBT	450		42	72	40	62	136	178	48	78
	EBR	310		224	341	169	255	234	388	187	294
Canal Street	NB	300		206	249	141	165	298	381	190	172
	SB	125		72	86	187	40	164	96	226	74
32 Traffic Signal - Canal St at Dock St / Jefferson St											
Dock Street	EBL	780		96	209	54	105	85	172	60	133
	EBTR	780		86	163	84	134	154	267	73	137
Jefferson Street	WBL	170		37	64	30	71	42	136	29	58
	WBTR	>1000		282	407	57	115	124	323	69	98
Canal Street	NBLT	830		56	63	47	48	87	120	39	45
	NBR	120		1	29	0	48	27	90	0	44
	SBL	290		167	169	258	223	365	331	222	184
	SBTR	290		86	84	80	70	136	99	87	47
33 Traffic Signal - Elm St at US Route 1 (Tresser Blvd / East Main St)											
US Route 1 (Tresser Boulevard)	EBL	365		79	138	94	160	89	301	76	75
	EBTR	>1000		65	134	65	114	268	330	130	176
US Route 1 (East Main Street)	WBL	115		123	213	130	100	99	115	105	180
	WBTR	630		232	444	219	208	217	260	150	217
Elm Street	NBL	180		159	253	93	163	162	242	135	241
	NBTR	430		251	299	143	171	191	298	208	242
	SBL	75		24	50	8	25	15	39	11	32
	SBTR	205		317	404	169	212	388	437	212	254
34 Traffic Signal - Elm St at North State St / I-95 SB Exit 8 Off-Ramp											
I-95 SB Exit 8 Off-Ramp	WB	>1000		412	457	260	266	183	213	243	284
	WBR	460		368	558	227	296	241	344	224	333
	NBL	200		116	160	25	109	137	229	92	145
Elm Street	NBT	200		33	35	35	96	194	280	138	206
	SB	415		328	355	191	236	342	367	269	310
35 Traffic Signal - Elm St at State Route 790 (South State St) / I-95 NB Exit 8 On-Ramp											
State Route 790 (South State Street)	EBLT	>1000		70	99	47	87	154	220	54	97
	EBTR	>1000		20	63	15	77	116	191	42	92
Elm Street	NB	415		476	678	227	269	321	509	442	631
	SBL2	225		192	183	148	195	263	353	43	113
	SBL	225		137	47	133	162	246	241	33	75
	SBT	225		133	233	10	13	511	579	399	483

Legend

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Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
36 Traffic Signal - Elm St at Cherry St / Elm Ct											
	Cherry Street	EB	500	66	89	56	71	88	138	44	81
	Elm Court	WB	300	15	31	9	24	19	26	10	21
	Elm Street	NB	215	74	106	30	29	97	150	30	215
		SB	435	102	113	22	124	287	431	55	242
37 Traffic Signal - Jefferson St at Cherry St / Harbor View Ave											
	Jefferson Street	EBL	350	18	39	8	19	15	44	7	18
		EBTR	720	141	205	123	200	317	504	116	176
		WB	275	262	275	155	185	180	258	138	183
	Harbor View Avenue	NBL	>1000	217	302	156	205	206	253	123	180
NBTR		>1000	16	46	18	48	24	52	17	51	
	Cherry Street	SB	520	93	186	62	102	61	98	64	94
38 Traffic Signal - Jefferson St at Magee Ave											
	Jefferson Street	EB	320	5	2	3	16	1	2	4	21
		WBL	100	93	90	88	139	55	99	71	161
		WBT	245	44	39	23	45	19	30	30	72
	Magee Avenue	NBL	>1000	129	194	129	190	189	260	121	164
NBR		150	0	47	0	49	142	216	81	127	
39 Traffic Signal - Elm St at Jefferson St / Myrtle Ave											
	Jefferson Street	EBL	50	211	269	129	224	184	273	159	262
		EBTR	135	117	152	59	118	236	298	0	133
	Myrtle Avenue	WBL	280	28	54	35	68	48	83	53	93
		WBTR	365	132	193	72	115	96	140	84	126
		NBL	180	125	188	73	124	96	213	92	135
	Elm Street	NBTR	1000	263	348	172	232	258	320	218	230
		SBL	160	39	94	41	75	62	97	35	101
		SBTR	220	150	166	134	173	426	504	162	271
40 Traffic Signal - US Route 1 (East Main St) at Broad St / Lindale St											
	Broad Street	EBL	240	5	18	4	16	4	11	0	0
		EBTR	560	121	187	173	198	264	289	177	233
	US Route 1 (East Main Street)	WBL	165	90	387	92	210	138	285	77	191
		WBTR	285	0	186	0	269	0	541	0	415
		NB	620	27	191	108	244	275	503	175	265
41 Traffic Signal - US Route 1 (East Main St) at Glenbrook Rd / Clarks Hill Ave											
	US Route 1 (East Main Street)	EBL	290	127	233	29	119	240	376	141	176
		EBTR	290	107	154	45	186	204	186	28	237
		WBL	50	6	5	6	25	12	18	5	23
	Clarks Hill Avenue	WBTR	595	460	588	206	284	339	420	320	451
NBL		120	39	76	39	64	43	87	37	65	
NBTR		550	23	55	23	46	61	115	31	60	
Glenbrook Road	SBLT	>1000	44	83	58	103	63	117	64	115	
	SBR	135	327	489	151	187	153	224	181	222	

Legend

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Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
42 Traffic Signal - US Route 1 (East Main St) at Lafayette St											
US Route 1 (East Main Street)	EB	595	32	79	58	179	218	250	153	289	
	WB	570	333	390	10	186	27	58	34	232	
	NB	295	15	26	13	44	22	45	23	36	
Lafayette Street	SBL	>1000	135	197	88	121	155	261	146	246	
	SBTR	>1000	4	35	4	26	3	35	3	38	
44 Traffic Signal - US Route 1 (East Main St) at North State St / Plaza Driveway											
US Route 1	EB	570	127	188	32	107	72	373	159	277	
(East Main Street)	WB	230	321	346	103	235	65	334	50	342	
North State Street	NB	>1000	9	46	0	0	34	95	5	29	
Plaza Driveway	SB	25	22	55	17	47	9	25	15	32	
45 Traffic Signal - US Route 1 (East Main St) at Myrtle Ave											
US Route 1 (East Main Street)	EB	210	144	444	200	240	525	697	362	537	
	WBL	500	173	304	132	248	158	288	136	268	
	WBT	570	366	417	110	146	196	333	155	273	
Myrtle Avenue	NBL	>1000	190	238	170	240	207	292	156	208	
	NBR	120	65	82	63	89	105	140	84	106	
46 Traffic Signal - US Route 1 (East Main St) at Lockwood Ave / Lincoln Ave											
US Route 1 (East Main Street)	EBL	80	5	18	27	63	50	46	28	55	
	EBTR	580	271	287	185	250	332	386	280	323	
	WBL	150	25	51	9	25	38	72	33	51	
	WBTR	>1000	117	173	65	93	93	168	115	135	
Lockwood Avenue	NB	>1000	286	284	123	138	195	272	97	158	
Lincoln Avenue	SB	>1000	52	85	24	51	64	93	22	65	
47 Traffic Signal - US Route 1 (East Main St) at Blachley Rd											
US Route 1 (East Main Street)	EB	>1000	222	257	179	278	375	406	285	353	
	WBL	180	134	237	13	42	172	257	70	141	
	WBT	620	58	136	31	74	54	127	30	61	
Blachley Road	NBL	>1000	191	201	53	87	104	153	90	119	
	NBR	100	71	62	0	54	77	178	0	38	
48A Traffic Signal - US Route 1 (East Main St) at State Route 106 (Courtland Ave) / I-95 SB Exit 9 On-Ramp											
US Route 1 (East Main Street)	EBL	355	130	234	80	223	127	281	120	288	
	EBT	620	186	241	184	106	338	246	252	244	
	EBR	70	9	71	48	4	15	60	30	35	
	WBL	80	67	136	0	0	114	194	0	75	
	WBT	80	302	343	166	185	254	176	218	231	
	WBR	80	82	122	101	139	19	17	119	169	
State Route 106 (Courtland Avenue)	SBL	390	193	275	121	194	126	217	146	230	
	SBLT	>1000	248	343	194	293	205	390	153	240	
	SBR	90	7	42	0	38	32	113	14	87	
48B Traffic Signal - US Route 1 (East Main St) at I-95 SB Exit 9 Off-Ramp											
US Route 1 (East Main Street)	WB	370	206	249	129	161	196	258	157	197	
I-95 SB Exit 9 Off-Ramp	SBL	190	65	114	91	143	162	272	116	228	
	SBR	>1000	0	47	0	32	3	61	0	57	

Legend

= Queues Exceed Available Storage

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Int. No.	Intersection/ Lane Group	Lane Use	Available Storage	Weekday Morning Peak Hour		Weekday Midday Peak Hour		Weekday Afternoon Peak Hour		Saturday Midday Peak Hour	
				50 th	95 th	50 th	95 th	50 th	95 th	50 th	95 th
49 Traffic Signal - US Route 1 (East Main St) at Seaside Ave											
	US Route 1 (East Main Street)	EBT	390	54	66	82	101	91	140	117	116
		EBR	75	0	0	3	2	2	4	4	0
		WBL	290	10	20	5	13	19	66	10	24
		WBT	800	72	127	22	34	64	154	40	65
	Seaside Avenue	NB	245	192	219	177	191	205	225	180	210
50 Traffic Signal - Seaside Ave at I-95 NB Exit 9 Off-Ramp											
	I-95 NB Exit 9 Off-Ramp	EBL	>1000	127	170	101	144	138	187	111	147
		EBR	115	0	21	0	22	0	32	0	25
	Seaside Avenue	NB	>1000	112	235	48	95	68	141	61	140
		SB	255	30	49	65	113	72	143	95	178
10 Unsignalized AWSC - Greenwich Ave at Pulaski St / Davenport St											
	Davenport Street	NB	175	--	0	--	0	--	0	--	0
	Greenwich Avenue	EB	>1000	--	483	--	135	--	982	--	183
	Pulaski Street	WB	865	--	340	--	88	--	365	--	95
	Greenwich Avenue	SBLT	445	--	60	--	18	--	130	--	43
		SBR	130	--	78	--	43	--	53	--	30
43 Unsignalized AWSC - North State St at Lafayette St											
	Lafayette Street	NBL	>1000	--	3	--	5	--	5	--	5
		NBT	>1000	--	3	--	3	--	5	--	5
	North State Street	EB	625	--	0	--	0	--	3	--	3
		WB	760	--	3	--	3	--	3	--	3
	Lafayette Street	SB	285	--	3	--	0	--	0	--	3

Legend

= Queues Exceed Available Storage