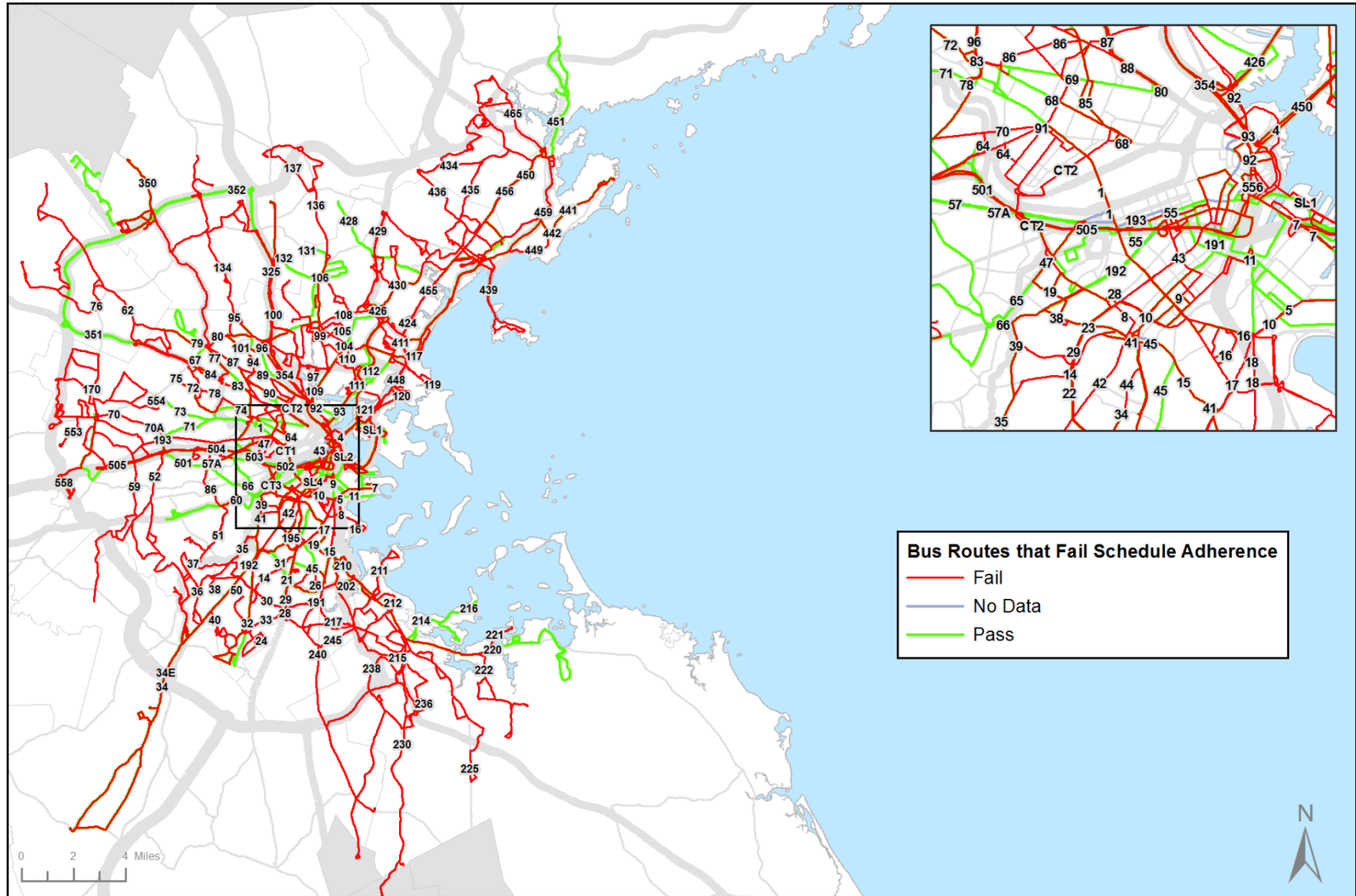


APPENDIX A

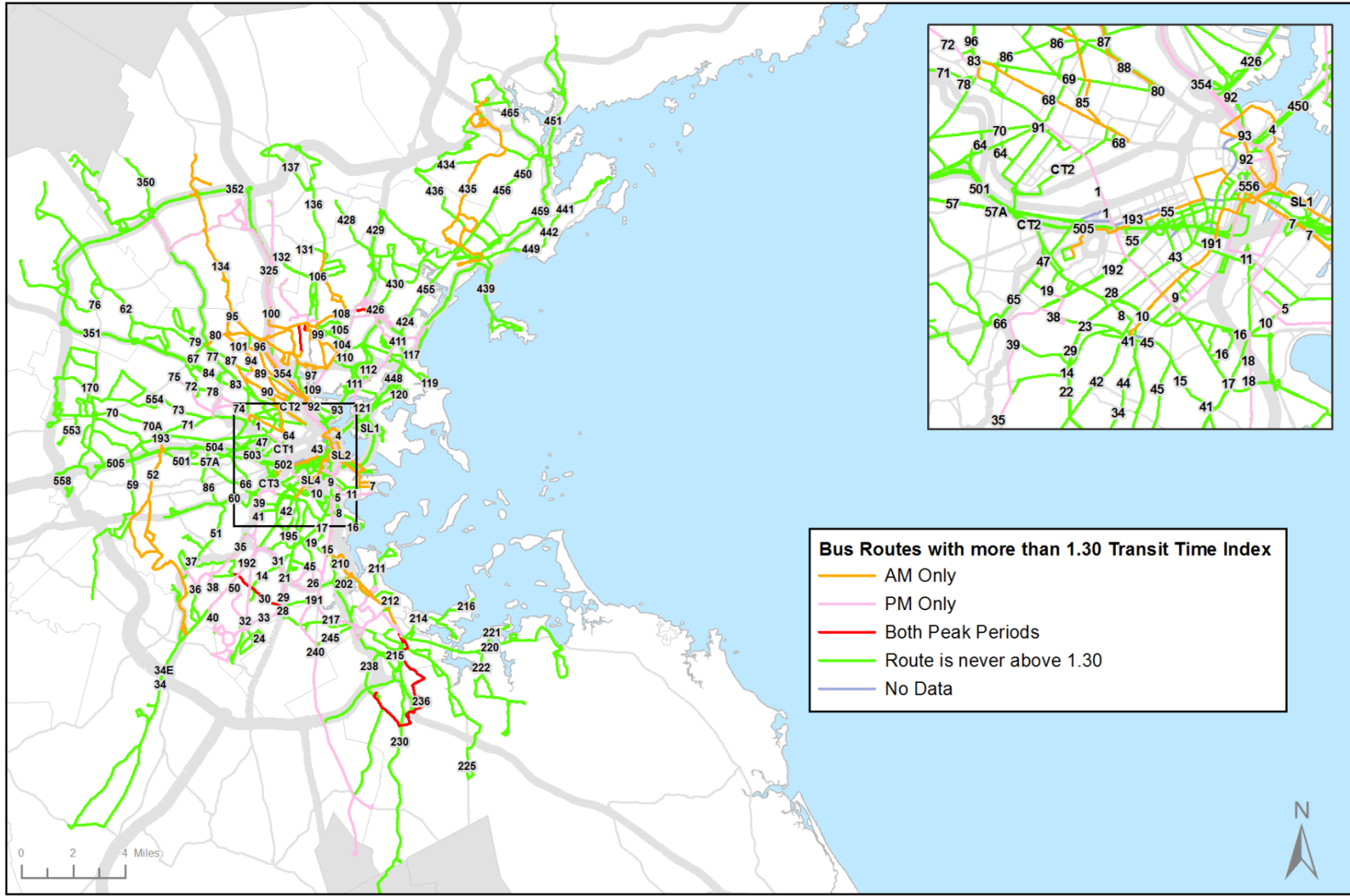
MAPS



BOSTON
REGION
MPO

FIGURE A-1
On-Time Performance (Schedule Adherence)
Fall 2016

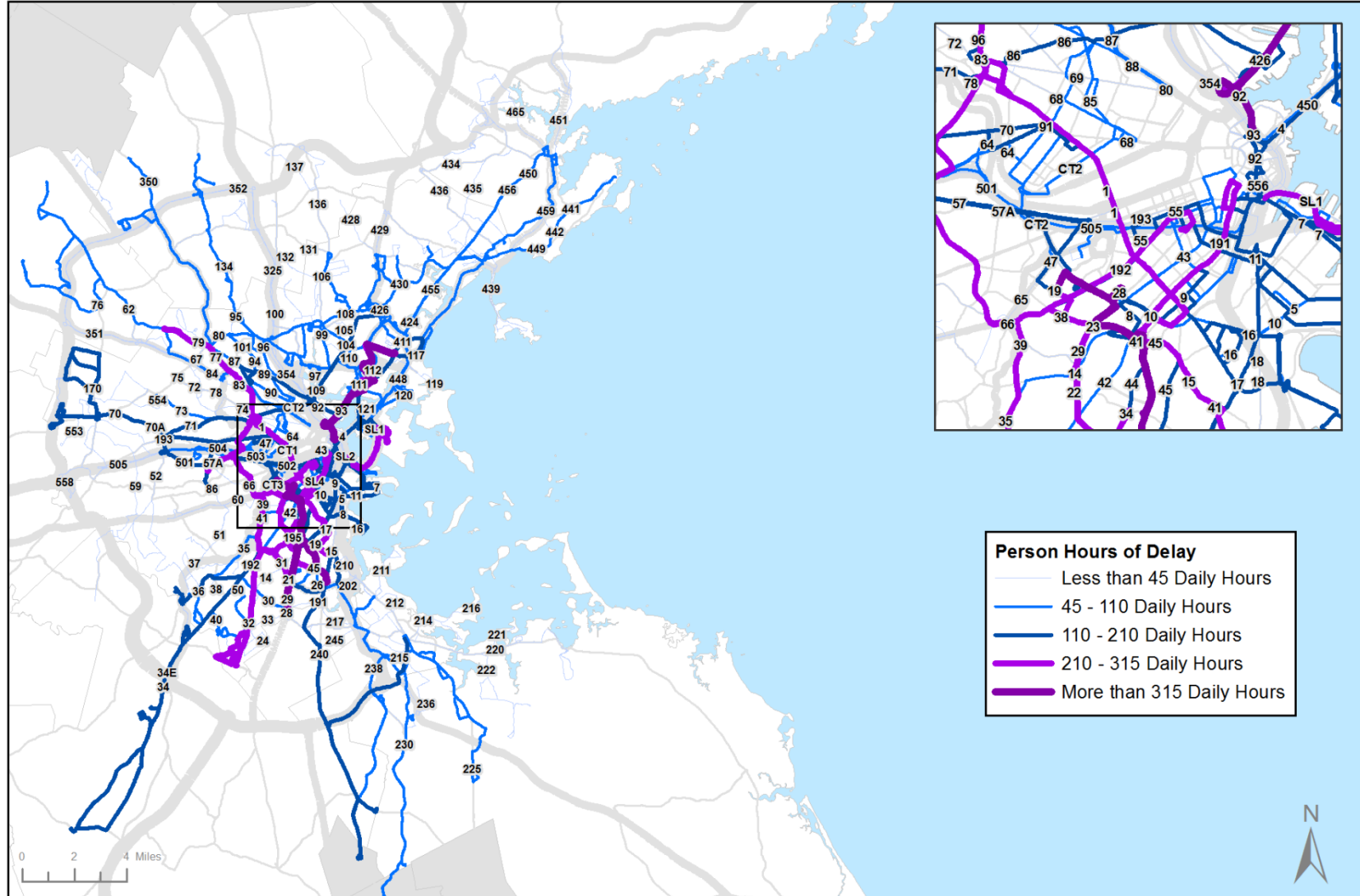
*Congestion
Management
Process*



BOSTON
REGION
MPO

FIGURE A-2
Transit Time Index by Bus Route
Fall 2016

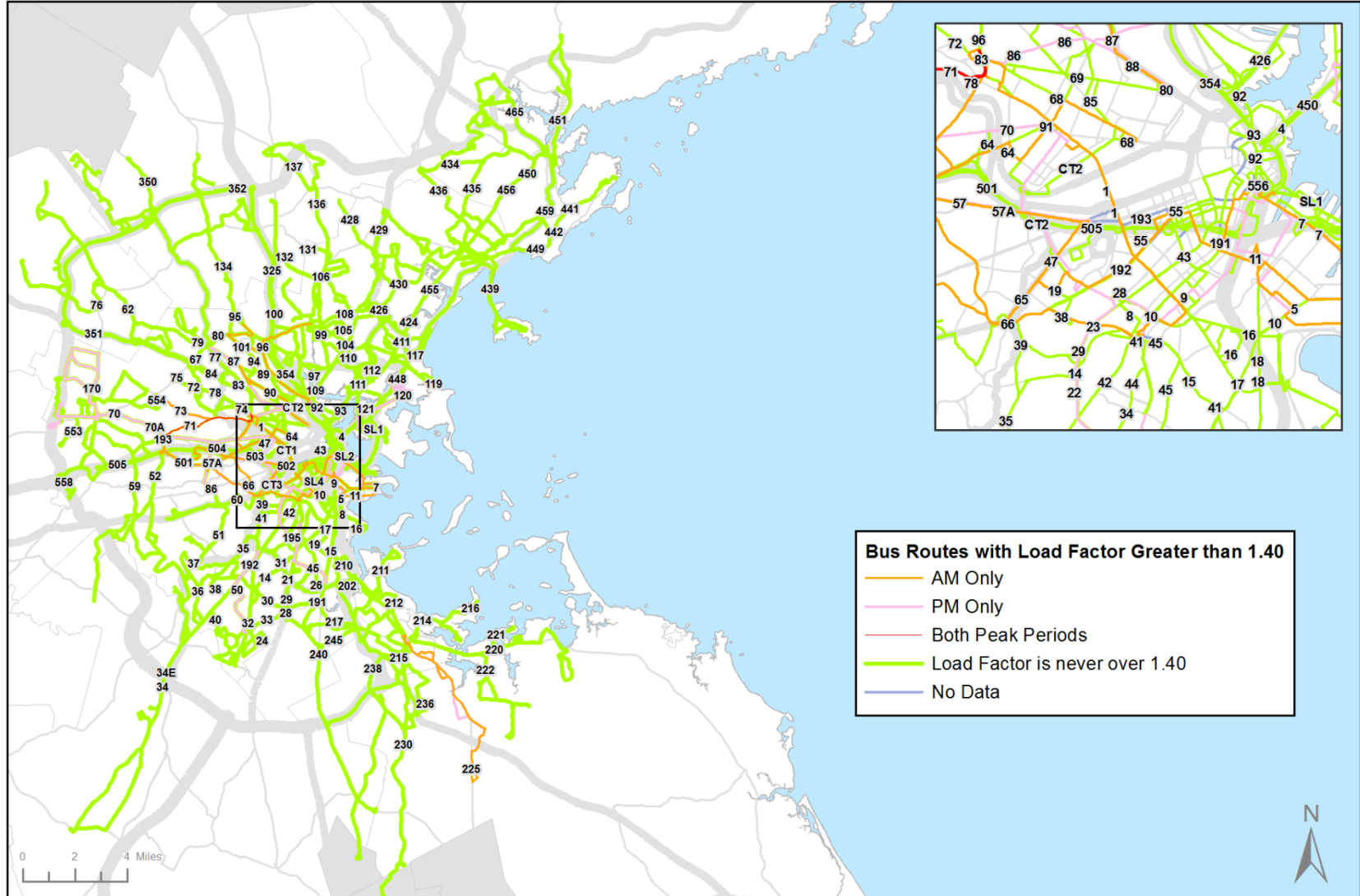
*Congestion
Management
Process*



BOSTON
REGION
MPO

FIGURE A-3
Person Hours of Delay by Bus Route
Fall 2016

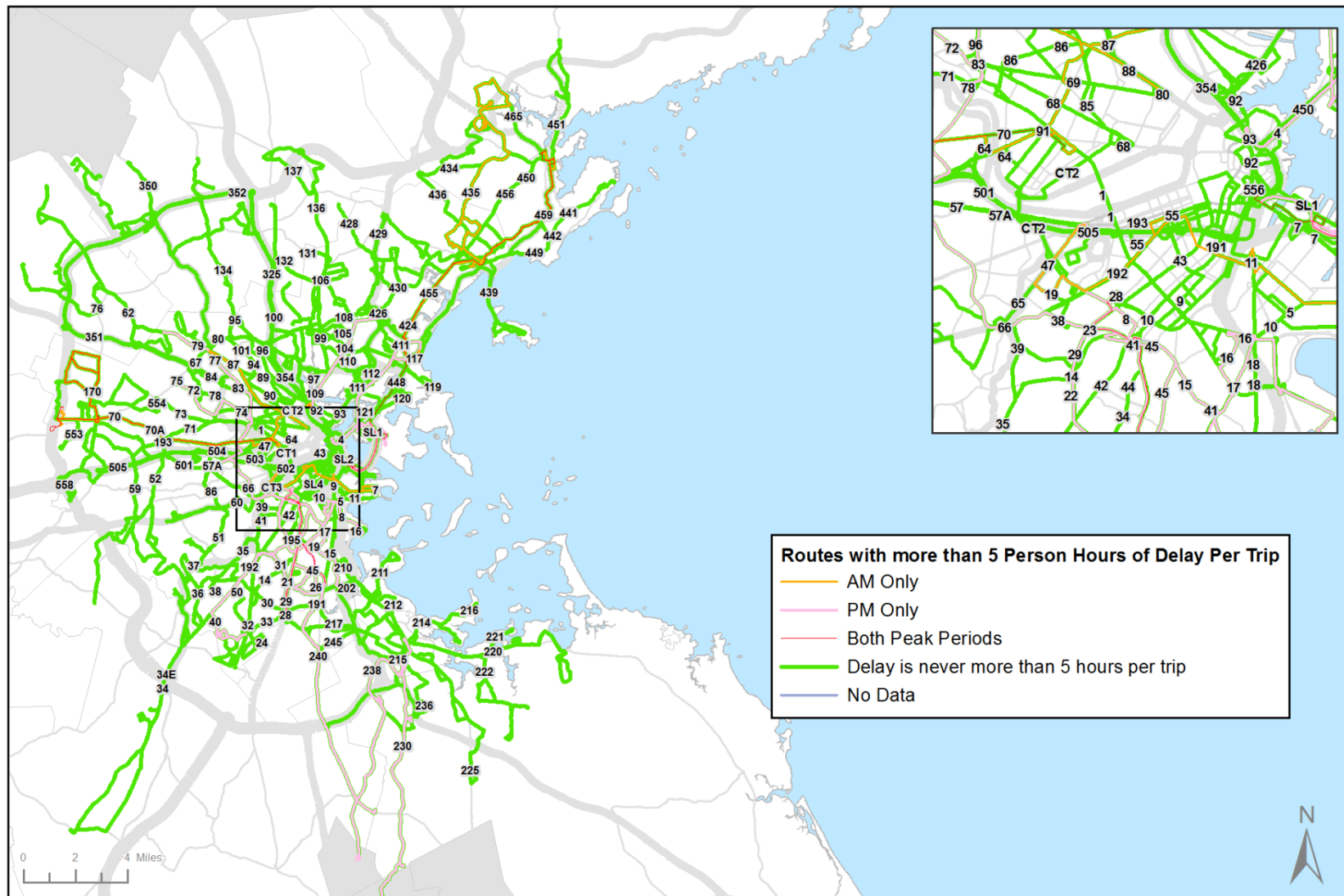
*Congestion
Management
Process*



BOSTON
REGION
MPO

FIGURE A-4
Passenger Load Adherence for MBTA Bus Routes
Fall 2016

*Congestion
Management
Process*



BOSTON
REGION
MPO

FIGURE A-5
Person Hours of Delay per Bus Trip
Fall 2016

*Congestion
Management
Process*

APPENDIX B

PERFORMANCE MEASURE STATISTICS FOR EACH BUS ROUTE

Table B.1
Performance Monitoring Abbreviations for Table B.2

AMTTI	AM Travel Time Index
PMTTI	PM Travel Time Index
OPTTI	Offpeak Travel Time Index
DTTI	Daily Travel Time Index
AMLF	AM Load Factor
PMLF	PM Load Factor
OPLF	Offpeak Load Factor
DLF	Daily Load Factor
PPD AM	Percent of Person Hours of delay in AM Peak Period
PPD PM	Percent of Person Hours of delay in PM Peak Period
PPD OP	Percent of Person Hours of delay in Off Peak Period
AMPDHR	Person Hours of Delay in AM Peak Period
PMPDHR	Person Hours of Delay in PM Peak Period
OPPDHR	Person Hours of Delay in Off Peak Period
DPDHR	Daily Person Hours of Delay
PUSAM	AM Passup Standard
PUSPM	PM Passup Standard
PUSD	Daily Passup Standard
PHDBRAM	Person Hours of delay per bus trip in AM Peak Period
PHDBRPM	Person Hours of delay per bus trip in PM Peak Period
PHDBROP	Person Hours of delay per bus trip in Off Peak Period
PHDBRDaily	Daily Person Hours of delay per bus trip
OTP	On-Time Performance

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OPTTI	DTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
1	Inbound	1.10	1.17	1.08	1.10	1.44	1.1	1.03	0.69	14%	34%	52%	31.2	75.3	114.9	221.4	Pass	Pass	Pass	2.4	4.2	1.5	2.0	70%
1	Outbound	1.17	1.11	1.10	1.11	1.33	1.23	1.26	0.73	12%	28%	60%	37.9	85.8	185.6	309.3	Pass	Pass	Pass	3.2	4.5	2.2	2.7	70%
4	Inbound	1.23	1.34	1.25	1.28	0.9	0.13	0.33	0.31	59%	31%	11%	9.0	4.7	1.6	15.3	Pass	Pass	Pass	1.3	0.8	0.5	1.0	50%
4	Outbound	1.32	1.19	1.26	1.25	0.28	0.41	0.51	0.22	30%	55%	16%	4.5	8.3	2.4	15.2	Pass	Pass	Pass	0.6	1.2	0.5	0.8	50%
5	Inbound	NA	NA	1.08	1.08	NA	NA	0.31	0.19	0%	0%	100%	0.0	0.0	1.4	1.4	Pass	Pass	Pass	NA	NA	0.2	0.2	54%
5	Outbound	NA	NA	1.07	1.07	NA	NA	0.26	0.19	0%	0%	100%	0.0	0.0	1.1	1.1	Pass	Pass	Pass	NA	NA	0.2	0.2	54%
7	Inbound	1.24	1.23	1.13	1.19	1.51	1.05	0.85	0.58	81%	7%	13%	134.2	11.3	21.0	166.5	Pass	Pass	Pass	4.3	0.5	0.5	1.7	72%
7	Outbound	1.33	1.21	1.15	1.21	0.54	1.41	1.08	0.51	19%	50%	30%	16.3	42.1	25.2	83.5	Pass	Pass	Pass	0.8	1.9	0.6	1.0	72%
8	Inbound	1.13	1.10	1.12	1.12	0.77	0.44	1.08	0.44	21%	12%	67%	18.6	11.1	60.2	89.9	Pass	Pass	Pass	2.3	2.2	1.9	2.0	38%
8	Outbound	1.19	1.19	1.21	1.21	0.72	0.95	1.05	0.47	14%	22%	65%	18.0	29.0	86.1	133.1	Pass	Pass	Pass	2.0	4.8	3.2	3.2	38%
9	Inbound	1.22	1.18	1.09	1.14	1.51	0.49	1.28	0.56	62%	12%	26%	119.0	22.4	50.0	191.4	Pass	Pass	Pass	5.2	1.4	0.9	2.1	70%
9	Outbound	1.22	1.23	1.21	1.22	0.67	1.38	1.44	0.62	8%	48%	44%	13.2	78.8	72.3	164.3	Pass	Pass	Pass	0.9	4.1	1.3	1.8	70%
10	Inbound	1.16	1.10	1.09	1.10	0.67	0.74	0.85	0.41	22%	22%	55%	11.9	12.1	29.9	53.9	Pass	Pass	Pass	2.0	1.7	1.0	1.3	51%
10	Outbound	1.17	1.11	1.12	1.13	0.77	1.13	1.36	0.47	25%	16%	59%	14.2	8.8	33.5	56.5	Pass	Pass	Pass	1.6	1.5	1.1	1.2	51%
11	Inbound	1.15	1.19	1.13	1.14	1.51	0.36	0.9	0.49	56%	11%	33%	59.9	11.2	34.9	106.0	Fail	Pass	Pass	3.3	0.9	0.8	1.4	69%
11	Outbound	1.26	1.35	1.23	1.26	0.77	1.41	0.79	0.46	18%	43%	40%	21.6	51.3	47.7	120.7	Pass	Pass	Pass	2.2	4.3	1.1	1.9	69%
14	Inbound	1.24	1.21	1.14	1.17	0.51	0.44	0.67	0.41	15%	28%	57%	4.7	9.1	18.5	32.3	Pass	Pass	Pass	1.6	3.0	1.5	1.8	31%
14	Outbound	1.10	1.13	1.09	1.10	0.28	0.54	0.69	0.38	13%	31%	56%	3.5	8.5	15.5	27.5	Pass	Pass	Pass	1.7	2.8	1.4	1.7	31%
15	Inbound	1.13	1.24	1.15	1.16	1.03	0.67	1.23	0.57	21%	22%	56%	39.5	41.6	104.0	185.0	Pass	Pass	Pass	2.5	2.8	1.4	1.8	69%
15	Outbound	1.14	1.24	1.19	1.19	0.38	1.1	1.15	0.59	7%	39%	54%	18.6	98.3	135.7	252.6	Pass	Pass	Pass	1.1	6.1	2.1	2.6	69%
16	Inbound	1.20	1.17	1.16	1.17	0.9	1.05	1.31	0.64	19%	20%	60%	34.5	36.2	106.3	177.0	Pass	Pass	Pass	4.3	6.0	2.6	3.2	41%
16	Outbound	1.07	1.08	1.14	1.12	0.87	1.15	1.13	0.65	10%	15%	74%	15.2	22.5	108.9	146.6	Pass	Pass	Pass	2.2	3.2	2.5	2.5	41%
17	Inbound	1.18	1.15	1.09	1.11	0.85	0.79	1.38	0.58	16%	26%	59%	14.0	23.0	52.2	89.2	Pass	Pass	Pass	2.0	3.3	1.7	2.0	47%
17	Outbound	1.22	1.14	1.16	1.16	0.69	0.95	0.9	0.52	12%	41%	48%	12.4	43.8	51.3	107.5	Pass	Pass	Pass	1.8	4.9	1.6	2.2	47%
18	Inbound	1.21	1.23	1.17	1.19	0.21	0.23	0.26	0.20	22%	28%	50%	3.3	4.1	7.3	14.7	Pass	Pass	Pass	1.1	1.0	0.7	0.9	38%
18	Outbound	1.27	1.37	1.30	1.31	0.21	0.36	0.38	0.23	11%	47%	42%	2.5	10.7	9.6	22.8	Pass	Pass	Pass	0.6	2.7	1.1	1.3	38%
19	Inbound	1.11	1.19	1.20	1.17	1.03	0.62	1.64	0.74	26%	16%	58%	31.6	19.4	69.6	120.6	Pass	Pass	Pass	3.5	3.9	3.9	3.8	43%
19	Outbound	1.10	1.16	1.16	1.14	0.69	0.97	1.28	0.66	13%	26%	61%	17.6	35.3	83.3	136.2	Pass	Pass	Pass	2.0	7.1	4.0	3.9	43%
21	Inbound	1.11	1.20	1.14	1.15	0.9	0.69	1.26	0.58	17%	31%	52%	30.6	54.6	92.0	177.2	Pass	Pass	Pass	3.1	5.0	2.0	2.6	62%
21	Outbound	1.24	1.16	1.14	1.16	0.77	1	0.97	0.54	20%	31%	49%	36.4	57.5	88.7	182.6	Pass	Pass	Pass	3.3	5.7	2.0	2.8	62%
22	Inbound	1.12	1.17	1.07	1.09	1.13	1.28	1.1	0.67	21%	31%	48%	44.7	66.9	101.6	213.2	Pass	Pass	Pass	3.0	4.5	1.5	2.2	70%
22	Outbound	1.07	1.18	1.07	1.09	0.79	1.49	1.23	0.68	11%	43%	46%	27.5	106.4	115.4	249.3	Pass	Pass	Pass	1.8	6.3	1.7	2.5	70%
23	Inbound	1.18	1.23	1.13	1.15	1.08	1.28	1.49	0.73	22%	21%	57%	110.9	108.3	287.8	507.0	Pass	Pass	Pass	5.3	6.0	3.2	3.9	73%
23	Outbound	1.13	1.13	1.11	1.12	0.77	1.33	1.31	0.72	15%	29%	56%	70.9	140.2	267.3	478.4	Pass	Pass	Pass	3.2	7.0	3.0	3.7	73%
24	Inbound	1.03	1.03	1.09	1.07	0.72	0.64	1	0.49	32%	11%	57%	6.7	2.4	12.1	21.2	Pass	Pass	Pass	1.3	0.6	0.5	0.6	57%
24	Outbound	1.25	1.23	1.16	1.18	1.15	0.77	0.72	0.43	24%	23%	53%	6.4	6.1	13.8	26.2	Pass	Pass	Pass	1.3	1.5	0.6	0.8	57%
26	Inbound	1.22	1.42	1.13	1.19	0.49	0.72	0.67	0.36	5%	51%	44%	5.5	52.6	45.7	103.8	Pass	Pass	Pass	0.8	5.8	1.2	1.9	38%
26	Outbound	1.27	1.43	1.17	1.23	0.51	0.56	0.64	0.35	15%	36%	49%	11.5	26.8	36.9	75.3	Pass	Pass	Pass	1.4	2.7	1.0	1.4	38%
27	Inbound	1.10	1.18	1.11	1.12	0.38	0.26	0.69	0.28	19%	27%	54%	4.0	5.9	11.7	21.6	Pass	Pass	Pass	1.0	1.2	0.6	0.7	51%
27	Outbound	1.12	1.21	1.09	1.11	0.23	0.41	0.46	0.27	10%	40%	50%	3.1	12.4	15.5	30.9	Pass	Pass	Pass	0.8	3.1	0.8	1.1	51%
28	Inbound	1.20	1.15	1.11	1.13	0.96	0.63	1.18	0.53	24%	20%	56%	124.2	105.1	291.8	521.1	Pass	Pass	Pass	7.3	6.2	3.5	4.4	69%
28	Outbound	1.16	1.27	1.12	1.15	0.4	0.91	0.93	0.54	11%	35%	54%	64.3	196.3	301.4	562.0	Pass	Pass	Pass	3.8	10.9	3.9	5.0	69%
29	Inbound	1.25	1.15	1.14	1.16	0.85	0.54	0.67	0.38	28%	26%	46%	20.4	18.6	33.3	72.3	Pass	Pass	Pass	2.9	2.3	1.7	2.1	36%
29	Outbound	1.13	1.10	1.10	1.10	0.56	0.74	0.95	0.46	17%	34%	49%	14.2	27.6	39.4	81.2	Pass	Pass	Pass	2.0	2.8	1.9	2.1	36%
30	Inbound	1.35	1.37	1.22	1.27	1.08	0.64	1.15	0.46	32%	16%	52%	25.3	12.8	41.0	79.1	Pass	Pass	Pass	3.6	2.1	1.5	1.9	38%
30	Outbound	1.00	1.11	1.06	1.06	0.46	0.82	0.97	0.44	8%	31%	61%	5.4	20.7	40.3	66.4	Pass	Pass	Pass	1.1	3.4	1.4	1.7	38%

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
31	Inbound	1.25	1.35	1.12	1.18	0.85	0.59	1.08	0.40	0.25	0.21	0.54	61.6	51.6	135.3	248.4	Pass	Pass	Pass	3.1	2.1	1.4	1.7	69%
31	Outbound	1.20	1.37	1.15	1.20	0.33	0.97	0.97	0.40	0.1	0.42	0.47	27.0	108.9	121.1	257.0	Pass	Pass	Pass	1.2	4.4	1.2	1.7	69%
32	Inbound	1.15	1.09	1.11	1.11	1.18	0.95	1.54	0.56	0.29	0.14	0.58	66.1	31.4	134.4	231.9	Pass	Pass	Pass	1.9	0.9	1.2	1.3	79%
32	Outbound	1.24	1.08	1.11	1.13	0.95	1.15	1.28	0.61	0.25	0.23	0.52	76.7	70.7	156.7	304.2	Pass	Pass	Pass	2.3	2.0	1.4	1.7	79%
33	Inbound	1.00	1.05	1.04	1.03	1.03	0.49	0.72	0.46	0.36	0.19	0.44	6.7	3.6	8.2	18.4	Pass	Pass	Pass	1.7	0.9	0.6	0.8	49%
33	Outbound	1.20	1.31	1.24	1.24	0.74	0.74	1	0.48	0.13	0.32	0.56	4.2	10.5	18.5	33.1	Pass	Pass	Pass	1.0	2.6	1.3	1.5	49%
34	Inbound	1.25	1.13	1.24	1.22	1.28	0.51	1.41	0.50	0.28	0.19	0.53	30.6	20.7	57.9	109.3	Pass	Pass	Pass	2.6	1.4	1.2	1.5	63%
34	Outbound	1.23	1.14	1.19	1.19	0.38	0.95	1.03	0.47	0.09	0.28	0.63	12.3	38.4	87.8	138.5	Pass	Pass	Pass	1.2	2.7	1.8	1.9	63%
34E	Inbound	1.06	1.07	1.09	1.08	1.21	0.31	1.13	0.46	17%	14%	69%	6.2	5.4	26.0	37.6	Pass	Pass	Pass	1.2	0.9	0.9	0.9	40%
34E	Outbound	1.06	1.15	1.08	1.09	0.33	0.95	1.03	0.51	6%	34%	60%	4.3	24.4	42.9	71.7	Pass	Pass	Pass	0.9	3.5	1.5	1.8	40%
35	Inbound	1.15	1.02	1.04	1.05	1.05	0.59	1.33	0.48	0.2	0.32	0.47	8.8	13.9	20.3	43.1	Pass	Pass	Pass	1.5	1.4	0.8	1.0	56%
35	Outbound	1.23	1.26	1.20	1.22	0.33	1.05	0.92	0.48	0.07	0.3	0.63	5.6	24.5	51.8	81.9	Pass	Pass	Pass	1.1	2.7	1.9	2.0	56%
36	Inbound	1.16	1.06	1.12	1.12	1.05	0.72	1.41	0.50	0.22	0.18	0.61	16.6	13.6	46.3	76.5	Pass	Pass	Pass	1.8	1.5	1.2	1.3	49%
36	Outbound	1.09	1.16	1.12	1.12	0.82	1.28	1.28	0.58	0.14	0.23	0.64	18.1	30.0	84.7	132.8	Pass	Pass	Pass	2.3	3.0	2.1	2.3	49%
37	Inbound	1.11	1.21	1.12	1.14	1.05	0.41	1	0.39	0.21	0.26	0.53	4.8	5.8	11.9	22.4	Pass	Pass	Pass	1.2	0.6	0.5	0.6	54%
37	Outbound	1.13	1.23	1.13	1.16	0.44	1.31	0.77	0.40	0.18	0.44	0.38	8.1	19.7	16.9	44.7	Pass	Pass	Pass	1.6	2.0	0.8	1.2	54%
38	Inbound	1.28	1.32	1.19	1.23	0.44	0.26	1.1	0.28	0.18	0.14	0.69	4.5	3.5	17.4	25.4	Pass	Pass	Pass	0.9	0.6	0.9	0.8	49%
38	Outbound	1.13	1.14	1.08	1.10	0.23	0.38	0.95	0.28	0.08	0.46	0.46	1.7	10.1	10.1	21.8	Pass	Pass	Pass	0.3	1.7	0.6	0.8	49%
39	Inbound	1.07	1.03	1.04	1.04	1.26	0.72	1.05	0.39	0.25	0.22	0.53	52.6	46.6	110.8	210.0	Pass	Pass	Pass	2.3	2.0	1.3	1.6	77%
39	Outbound	1.05	1.17	1.09	1.10	0.47	1.07	1.31	0.41	0.07	0.35	0.57	19.8	98.4	159.7	277.9	Pass	Pass	Pass	1.0	4.5	1.8	2.2	77%
40	Inbound	1.22	1.31	1.36	1.33	1.08	0.38	1.38	0.59	0.08	0.15	0.77	6.5	12.0	63.2	81.7	Pass	Pass	Pass	2.2	2.4	3.3	3.0	36%
40	Outbound	1.10	1.28	1.12	1.14	0.41	0.92	0.82	0.39	0.08	0.42	0.51	4.0	22.4	27.0	53.5	Pass	Pass	Pass	1.3	5.6	1.4	2.0	36%
41	Inbound	1.07	1.00	1.12	1.09	0.56	0.62	0.79	0.44	0.09	0.16	0.75	3.8	6.9	31.7	42.3	Pass	Pass	Pass	0.6	1.4	1.5	1.3	33%
41	Outbound	1.11	1.08	1.14	1.12	1.08	0.51	0.92	0.42	0.21	0.2	0.58	11.6	10.9	31.6	54.1	Pass	Pass	Pass	1.9	2.2	1.3	1.5	33%
42	Inbound	1.25	1.07	1.22	1.21	0.59	0.59	0.87	0.35	0.26	0.11	0.63	21.3	8.6	51.5	81.5	Pass	Pass	Pass	2.4	1.7	1.1	1.4	49%
42	Outbound	1.27	1.15	1.23	1.23	1.21	0.82	0.92	0.37	0.18	0.12	0.69	18.6	12.5	70.3	101.3	Pass	Pass	Pass	1.9	2.5	1.6	1.7	49%
43	Inbound	1.22	1.18	1.18	1.19	0.64	0.26	0.44	0.20	0.37	0.19	0.44	17.8	9.4	21.2	48.3	Pass	Pass	Pass	3.0	0.9	0.5	0.8	48%
43	Outbound	1.27	1.16	1.11	1.13	0.36	0.59	0.54	0.23	0.14	0.37	0.49	10.0	26.8	35.0	71.8	Pass	Pass	Pass	1.7	2.7	0.8	1.2	48%
44	Inbound	1.13	1.04	1.06	1.07	0.82	0.74	1.05	0.47	0.25	0.25	0.49	28.1	27.8	54.4	110.3	Pass	Pass	Pass	3.1	2.8	1.3	1.8	56%
44	Outbound	1.22	1.17	1.17	1.18	0.54	0.82	1.31	0.48	0.14	0.24	0.61	18.5	31.1	78.9	128.4	Pass	Pass	Pass	1.9	3.1	2.0	2.1	56%
45	Inbound	1.14	1.18	1.20	1.19	0.82	0.59	1.13	0.52	0.23	0.22	0.55	34.1	31.8	81.3	147.3	Pass	Pass	Pass	2.8	2.9	1.9	2.2	65%
45	Outbound	1.05	1.29	1.14	1.15	0.46	1.28	1.03	0.53	0.07	0.49	0.44	12.7	87.7	79.3	179.6	Pass	Pass	Pass	1.2	8.0	1.9	2.9	65%
47	Inbound	1.05	1.16	1.15	1.13	1.13	0.87	1	0.62	0.1	0.25	0.65	10.8	25.8	67.1	103.7	Pass	Pass	Pass	1.4	3.7	2.0	2.1	54%
47	Outbound	1.19	1.20	1.13	1.15	0.74	1.49	1.15	0.67	0.14	0.28	0.58	14.0	28.8	59.1	101.9	Pass	Pass	Pass	2.8	2.9	1.6	2.0	54%
50	Inbound	1.10	1.11	1.11	1.11	1.03	0.36	1.21	0.51	0.13	0.29	0.58	5.3	12.2	24.3	41.8	Pass	Pass	Pass	1.3	2.0	1.5	1.6	44%
50	Outbound	1.19	1.10	1.13	1.13	0.28	1.44	0.69	0.37	0.08	0.45	0.47	3.1	18.2	19.1	40.4	Pass	Pass	Pass	0.8	3.0	1.2	1.6	44%
51	Inbound	1.16	1.10	1.12	1.12	1	0.59	1.33	0.49	0.27	0.21	0.51	11.2	8.7	21.0	40.9	Pass	Pass	Pass	2.2	2.2	1.0	1.4	50%
51	Outbound	1.12	1.04	1.05	1.06	0.92	0.59	0.59	0.42	0.35	0.16	0.49	11.4	5.4	16.3	33.1	Pass	Pass	Pass	2.9	1.1	1.0	1.3	50%
52	Inbound	1.37	1.07	1.10	1.15	0.31	0.23	0.64	0.25	0.31	0.29	0.4	5.2	4.8	6.7	16.7	Pass	Pass	Pass	1.3	1.2	0.7	0.9	34%
52	Outbound	1.12	1.29	1.23	1.22	0.28	0.28	1.05	0.24	0.12	0.24	0.64	2.7	5.3	14.2	22.1	Pass	Pass	Pass	0.9	1.3	1.3	1.2	34%
55	Inbound	1.35	1.23	1.36	1.34	1.28	0.49	0.79	0.43	0.42	0.09	0.5	20.3	4.4	24.2	48.8	Pass	Pass	Pass	3.4	1.1	1.1	1.5	65%
55	Outbound	1.01	1.14	1.18	1.14	0.51	0.59	0.49	0.31	0.1	0.42	0.48	2.7	11.7	13.4	27.8	Pass	Pass	Pass	0.5	2.3	0.7	1.0	65%
57	Inbound	1.18	1.07	1.07	1.08	1.69	1.1	1.41	0.73	0.33	0.15	0.52	54.2	24.3	84.8	163.3	Fail	Pass	Pass	4.9	1.9	1.0	1.5	74%
57	Outbound	1.16	1.06	1.04	1.06	1.1	1.79	1.51	0.71	0.18	0.17	0.65	29.5	28.6	107.2	165.2	Pass	Fail	Pass	2.5	2.4	1.3	1.5	74%
57A	Inbound	1.23	1.09	1.13	1.16	1.69	0.9	1.41	1.00	71%	21%	8%	34.4	10.2	3.6	48.2	Fail	Pass	Fail	2.9	1.1	1.2	2.0	70%
57A	Outbound	1.17	1.22	1.06	1.20	0.69	1.79	1	1.04	11%	85%	4%	5.6	44.6	2.3	52.6	Pass	Fail	Fail	0.9	3.7	2.3	2.8	70%
59	Inbound	1.21	1.16	1.17	1.17	0.62	0.67	0.51	0.40	0.15	0.33	0.52	6.5	14.1	21.9	42.4	Pass	Pass	Pass	2.2	3.5	1.5	1.9	43%
59	Outbound	1.06	1.18	1.17	1.15	1.21	0.41	0.82	0.46	0.18	0.25	0.56	6.7	9.2	20.5	36.3	Pass	Pass	Pass	1.7	2.3	1.5	1.6	43%
60	Inbound	1.09	1.06	1.07	1.07	0.95	0.59	0.62	0.37	0.16	0.15	0.69	3.6	3.4	15.6	22.6	Pass	Pass	Pass	0.9	0.7	0.6	0.6	65%
60	Outbound	1.06	1.17	1.10	1.10	0.44	0.72	0.62	0.37	0.15	0.28	0.57	5.4	9.7	20.2	35.3	Pass	Pass	Pass	1.1	1.9	0.8	1.0	65%

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
62	Inbound	1.15	1.16	1.08	1.11	1.33	0.67	1.23	0.60	31%	33%	37%	10.8	11.6	12.8	35.2	Pass	Pass	Pass	2.2	2.3	0.9	1.4	57%
62	Outbound	1.04	1.11	1.04	1.06	0.74	1.23	0.92	0.65	9%	53%	38%	4.4	26.4	18.6	49.3	Pass	Pass	Pass	1.5	3.8	1.4	2.1	57%
64	Inbound	1.16	1.04	1.19	1.16	1.49	0.46	1.05	0.58	41%	5%	53%	21.0	2.6	27.1	50.7	Pass	Pass	Pass	3.0	0.5	1.1	1.4	56%
64	Outbound	1.23	1.24	1.14	1.17	0.28	1.05	0.82	0.39	9%	46%	45%	4.6	24.9	24.4	53.8	Pass	Pass	Pass	0.7	5.0	1.1	1.6	56%
65	Inbound	1.07	1.06	1.06	1.06	1.54	0.87	1.23	0.75	48%	15%	37%	20.7	6.3	15.8	42.8	Fail	Pass	Pass	2.1	1.0	0.8	1.2	71%
65	Outbound	1.01	1.10	1.08	1.07	0.23	1.41	1.23	0.57	4%	53%	44%	1.5	22.2	18.5	42.2	Pass	Pass	Pass	0.2	2.5	0.9	1.2	71%
66	Inbound	1.11	1.20	1.11	1.12	1.51	1.36	1.31	0.85	14%	29%	57%	43.9	92.0	179.5	315.4	Fail	Pass	Pass	3.4	6.6	2.6	3.3	73%
66	Outbound	1.06	1.02	1.03	1.03	1.41	1.13	1.26	0.79	28%	17%	56%	69.0	40.8	136.9	246.7	Pass	Pass	Pass	4.9	2.9	2.0	2.5	73%
67	Inbound	1.16	1.15	1.04	1.08	1.15	0.26	1.1	0.38	55%	21%	25%	7.2	2.7	3.2	13.2	Pass	Pass	Pass	1.8	0.7	0.2	0.6	66%
67	Outbound	1.03	1.04	1.04	1.04	0.18	0.67	0.49	0.25	6%	56%	38%	0.8	6.8	4.7	12.3	Pass	Pass	Pass	0.2	1.4	0.3	0.5	66%
68	Inbound	1.44	1.23	1.16	1.22	0.38	0.23	0.44	0.22	40%	17%	43%	3.6	1.5	3.9	9.0	Pass	Pass	Pass	1.2	0.4	0.3	0.5	62%
68	Outbound	1.10	1.14	1.05	1.08	0.72	0.41	0.21	0.21	42%	32%	26%	2.3	1.8	1.4	5.4	Pass	Pass	Pass	0.8	0.4	0.1	0.3	62%
69	Inbound	1.08	1.05	1.07	1.07	0.82	0.82	0.82	0.47	21%	23%	56%	9.1	9.7	24.2	42.9	Pass	Pass	Pass	0.9	1.2	0.7	0.8	74%
69	Outbound	1.06	1.02	1.04	1.04	0.97	0.74	0.54	0.43	26%	27%	47%	10.1	10.5	18.3	38.9	Pass	Pass	Pass	1.1	1.5	0.5	0.7	74%
70	Inbound	1.25	1.10	1.11	1.12	1.36	1	1.41	0.73	32%	16%	52%	45.1	22.7	72.4	140.1	Pass	Pass	Pass	6.4	2.5	1.9	2.6	50%
70	Outbound	1.20	1.17	1.11	1.12	1.18	1.85	1	0.73	18%	31%	51%	35.0	60.2	100.7	195.9	Pass	Fail	Pass	5.8	6.7	2.3	3.4	50%
70A	Inbound	1.17	1.18	1.07	1.11	1.36	1	1.41	0.86	24%	29%	47%	7.1	8.4	13.5	29.0	Pass	Pass	Pass	2.4	2.1	1.1	1.5	37%
70A	Outbound	1.08	1.15	1.11	1.11	1.18	1.85	1	0.89	22%	52%	26%	7.6	18.1	8.8	34.5	Pass	Fail	Fail	1.9	3.6	0.8	1.7	37%
71	Inbound	1.22	1.11	1.10	1.12	1.94	1.39	1.19	0.66	40%	14%	46%	57.9	20.4	65.9	144.2	Fail	Pass	Fail	3.4	1.3	0.9	1.4	76%
71	Outbound	1.06	1.10	1.06	1.07	1.81	1.77	1.35	0.57	16%	35%	49%	12.7	27.3	38.2	78.2	Fail	Fail	Pass	0.7	1.7	0.5	0.8	76%
72	Inbound	1.15	1.22	1.02	1.07	1.28	0.26	0.41	0.28	68%	13%	19%	9.2	1.7	2.6	13.5	Pass	Pass	Pass	1.2	0.2	0.1	0.3	65%
72	Outbound	1.03	1.50	1.17	1.20	0.21	0.72	0.56	0.26	7%	44%	48%	2.4	14.4	15.5	32.3	Pass	Pass	Pass	0.3	2.1	0.5	0.7	65%
73	Inbound	1.13	1.01	1.03	1.04	2.23	0.97	1.55	0.75	59%	12%	29%	63.2	12.9	31.4	107.5	Fail	Pass	Fail	2.9	0.4	0.4	0.8	82%
73	Outbound	1.00	1.15	1.03	1.06	1	2.19	1.39	0.76	2%	69%	28%	2.0	58.6	24.0	84.7	Pass	Fail	Pass	0.1	1.9	0.3	0.7	82%
74	Inbound	1.20	1.21	1.05	1.08	1.1	0.41	0.56	0.40	63%	11%	27%	9.1	1.5	3.9	14.5	Pass	Pass	Pass	3.0	0.8	0.2	0.6	58%
74	Outbound	1.05	1.08	1.04	1.05	0.62	0.95	0.64	0.43	21%	36%	43%	5.8	10.2	12.2	28.1	Pass	Pass	Pass	1.9	2.5	0.8	1.2	58%
75	Inbound	1.25	1.06	1.03	1.07	1.03	0.36	0.56	0.46	49%	19%	32%	4.2	1.6	2.8	8.6	Pass	Pass	Pass	2.1	0.5	0.3	0.7	56%
75	Outbound	1.05	1.42	1.02	1.08	0.18	1.26	0.64	0.47	4%	57%	38%	0.9	12.4	8.3	21.6	Pass	Pass	Pass	0.9	6.2	0.8	1.7	56%
76	Inbound	1.20	1.05	1.07	1.09	1.33	1.03	1.41	0.59	41%	12%	48%	13.8	3.9	16.0	33.7	Pass	Pass	Pass	4.6	1.0	1.0	1.5	58%
76	Outbound	1.17	1.07	1.05	1.07	0.74	1.03	1.18	0.57	18%	33%	48%	8.3	15.1	21.8	45.1	Pass	Pass	Pass	2.8	3.0	1.6	2.1	58%
77	Inbound	1.18	1.18	1.07	1.10	1.26	0.72	1.21	0.52	32%	25%	43%	61.3	47.1	83.4	191.9	Pass	Pass	Pass	3.8	2.5	0.8	1.4	72%
77	Outbound	1.03	1.14	1.03	1.05	0.79	1.13	0.87	0.55	8%	35%	57%	19.5	87.1	141.5	248.1	Pass	Pass	Pass	1.4	5.1	1.4	1.9	72%
78	Inbound	1.27	1.27	1.07	1.13	0.9	0.92	1.21	0.51	51%	18%	31%	10.6	3.7	6.3	20.6	Pass	Pass	Pass	2.1	0.5	0.3	0.6	49%
78	Outbound	1.05	1.05	1.04	1.04	0.62	0.97	0.82	0.55	6%	44%	50%	1.5	11.0	12.3	24.8	Pass	Pass	Pass	0.4	2.2	0.6	0.8	49%
79	Inbound	1.29	1.28	1.15	1.19	0.69	0.33	1.03	0.38	35%	18%	47%	13.3	6.8	17.9	38.0	Pass	Pass	Pass	3.3	1.1	0.8	1.2	47%
79	Outbound	1.06	1.25	1.16	1.17	0.72	0.72	0.87	0.35	16%	42%	42%	5.9	15.3	15.4	36.6	Pass	Pass	Pass	1.5	2.2	0.8	1.2	47%
80	Inbound	1.31	1.26	1.18	1.20	1.38	0.33	0.59	0.42	29%	18%	54%	16.0	10.0	29.9	55.9	Pass	Pass	Pass	3.2	1.7	0.9	1.3	42%
80	Outbound	1.10	1.23	1.09	1.11	0.67	0.9	0.62	0.44	24%	32%	44%	13.0	17.7	24.4	55.1	Pass	Pass	Pass	3.3	2.5	0.8	1.3	42%
83	Inbound	1.27	1.10	1.13	1.15	0.72	0.46	0.38	0.31	41%	16%	42%	16.3	6.4	16.7	39.4	Pass	Pass	Pass	2.7	1.1	0.6	1.0	50%
83	Outbound	1.29	1.10	1.10	1.12	0.46	0.62	1.03	0.37	21%	18%	61%	7.3	6.5	21.8	35.6	Pass	Pass	Pass	1.5	1.3	0.7	0.9	50%
84	Inbound	1.10	1.08	1.18	1.11	0.77	0.26	0.67	0.41	77%	12%	12%	6.0	0.9	0.9	7.8	Pass	Pass	Pass	1.5	0.2	0.5	0.7	56%
84	Outbound	1.00	1.01	1.13	1.03	0.13	0.51	0.64	0.31	18%	66%	16%	1.2	4.4	1.1	6.7	Pass	Pass	Pass	0.3	0.7	0.5	0.6	56%
85	Inbound	1.38	1.09	1.06	1.12	1.28	0.13	0.64	0.36	78%	3%	19%	19.3	0.8	4.8	24.8	Pass	Pass	Pass	4.8	0.3	0.3	1.1	68%
85	Outbound	1.01	1.09	1.05	1.06	0.15	1.08	0.54	0.29	2%	69%	29%	0.3	9.5	4.0	13.8	Pass	Pass	Pass	0.2	2.4	0.2	0.6	68%
86	Inbound	1.21	1.13	1.11	1.13	1.18	1.46	1.1	0.72	26%	23%	51%	38.5	34.2	76.1	148.7	Pass	Pass	Pass	4.8	3.8	2.0	2.7	52%
86	Outbound	1.06	1.06	1.04	1.05	1.38	1.18	1.15	0.79	28%	35%	37%	19.7	25.3	26.5	71.6	Pass	Pass	Pass	2.2	2.8	0.7	1.3	52%

**Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016**

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLf	PMLf	OPLf	DLf	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
87	Inbound	1.30	1.13	1.08	1.11	1.36	0.59	1.38	0.50	29%	18%	53%	22.9	14.6	42.5	80.0	Pass	Pass	Pass	5.7	2.1	1.2	1.7	50%
87	Outbound	1.18	1.11	1.11	1.12	0.79	1.59	0.74	0.56	12%	35%	53%	10.2	31.1	47.1	88.4	Pass	Pass	Pass	2.0	4.4	1.4	2.0	50%
88	Inbound	1.41	1.19	1.06	1.14	1.46	0.79	0.67	0.56	50%	13%	37%	38.0	9.6	27.7	75.4	Pass	Pass	Pass	3.5	1.4	0.7	1.3	70%
88	Outbound	1.06	1.12	1.02	1.04	1.18	1.26	0.92	0.56	9%	32%	59%	4.4	15.4	28.1	47.9	Pass	Pass	Pass	0.7	2.2	0.7	0.9	70%
89	Inbound	1.27	1.19	1.09	1.15	1.1	0.9	1.03	0.59	36%	26%	38%	33.8	24.8	35.2	93.8	Pass	Pass	Pass	2.8	1.7	0.9	1.4	45%
89	Outbound	1.14	1.11	1.12	1.12	1.13	1.08	0.9	0.56	24%	31%	45%	27.4	36.5	51.9	115.8	Pass	Pass	Pass	2.5	2.6	1.4	1.9	45%
90	Inbound	1.11	1.23	1.26	1.23	0.67	0.59	0.62	0.52	10%	28%	62%	2.7	7.6	16.6	27.0	Pass	Pass	Pass	1.4	3.8	2.1	2.2	56%
90	Outbound	1.19	1.09	1.09	1.11	0.97	0.59	0.56	0.54	38%	19%	43%	6.9	3.6	7.8	18.3	Pass	Pass	Pass	3.5	1.2	1.1	1.5	56%
91	Inbound	1.22	1.16	1.17	1.17	0.95	0.69	0.69	0.40	22%	17%	61%	20.6	15.4	56.0	92.0	Pass	Pass	Pass	5.1	3.1	1.7	2.2	36%
91	Outbound	1.07	1.24	1.06	1.08	0.46	1.08	1	0.42	12%	31%	57%	8.0	19.7	36.9	64.6	Pass	Pass	Pass	2.0	3.9	1.1	1.5	36%
92	Inbound	1.12	1.29	1.07	1.13	1.05	0.21	0.46	0.28	58%	16%	25%	24.7	6.9	10.7	42.2	Pass	Pass	Pass	3.5	0.8	0.4	1.1	58%
92	Outbound	1.14	1.12	1.07	1.11	0.15	0.82	0.44	0.33	10%	76%	14%	3.0	21.6	4.0	28.6	Pass	Pass	Pass	0.4	2.2	0.5	1.1	58%
93	Inbound	1.15	1.24	1.14	1.16	1.15	0.77	1.13	0.49	46%	15%	39%	71.1	23.0	61.0	155.1	Pass	Pass	Pass	4.4	1.4	1.3	2.0	64%
93	Outbound	1.24	1.18	1.10	1.15	0.9	1.1	1.05	0.54	18%	41%	41%	24.3	55.0	55.4	134.8	Pass	Pass	Pass	1.7	3.1	1.2	1.7	64%
94	Inbound	1.26	1.18	1.28	1.26	1.18	0.38	0.85	0.44	28%	14%	58%	9.8	5.0	20.3	35.0	Pass	Pass	Pass	2.0	0.7	0.8	0.9	58%
94	Outbound	1.23	1.35	1.20	1.23	0.62	1.1	0.95	0.50	8%	49%	43%	3.8	23.6	20.7	48.1	Pass	Pass	Pass	0.8	3.9	0.8	1.3	58%
95	Inbound	1.40	1.36	1.11	1.19	0.79	0.54	1.13	0.41	24%	20%	56%	6.5	5.5	15.4	27.3	Pass	Pass	Pass	1.6	0.7	0.5	0.7	45%
95	Outbound	1.33	1.21	1.07	1.11	0.49	0.74	1.05	0.42	13%	34%	53%	5.2	13.1	20.3	38.6	Pass	Pass	Pass	1.7	1.9	0.7	0.9	45%
96	Inbound	1.18	1.24	1.16	1.17	1.21	0.64	1.28	0.51	39%	17%	43%	20.2	9.0	22.4	51.6	Pass	Pass	Pass	2.9	1.3	0.8	1.2	58%
96	Outbound	1.04	1.09	1.03	1.04	0.44	1.38	0.85	0.54	11%	46%	43%	4.1	16.6	15.4	36.1	Pass	Pass	Pass	0.6	2.1	0.6	0.9	58%
97	Inbound	1.23	1.16	1.21	1.20	0.59	0.69	0.59	0.44	16%	29%	55%	4.6	8.0	15.1	27.7	Pass	Pass	Pass	1.5	1.6	1.5	1.5	38%
97	Outbound	1.37	1.14	1.16	1.20	0.62	0.59	0.97	0.46	18%	28%	53%	5.1	7.8	14.7	27.6	Pass	Pass	Pass	1.3	1.6	1.5	1.5	38%
99	Inbound	1.20	1.38	1.23	1.26	0.41	0.54	0.72	0.35	21%	17%	62%	6.4	5.0	18.7	30.1	Pass	Pass	Pass	1.6	0.8	0.8	0.9	39%
99	Outbound	1.29	1.17	1.05	1.11	0.62	0.54	0.64	0.42	31%	30%	39%	6.6	6.5	8.4	21.4	Pass	Pass	Pass	1.6	1.1	0.4	0.7	39%
100	Inbound	1.47	1.20	1.09	1.16	0.59	0.15	0.72	0.25	53%	12%	35%	10.7	2.5	7.0	20.3	Pass	Pass	Pass	2.1	0.4	0.3	0.5	50%
100	Outbound	1.06	1.13	1.07	1.08	0.15	0.64	0.56	0.27	13%	52%	35%	2.3	9.3	6.3	18.0	Pass	Pass	Pass	0.5	1.3	0.3	0.5	50%
101	Inbound	1.41	1.29	1.18	1.23	1.56	0.67	1.08	0.61	31%	15%	54%	25.7	12.5	45.2	83.4	Fail	Pass	Pass	2.9	1.8	1.3	1.6	61%
101	Outbound	1.21	1.29	1.15	1.19	0.69	0.9	1.1	0.60	13%	32%	56%	8.3	20.7	36.2	65.3	Pass	Pass	Pass	1.7	3.5	2.0	2.3	61%
104	Inbound	1.07	1.29	1.21	1.20	0.64	0.79	1.46	0.72	9%	21%	69%	9.6	21.7	70.8	102.1	Pass	Pass	Pass	1.6	2.7	2.4	2.3	53%
104	Outbound	1.09	1.22	1.10	1.13	1.21	1.13	1.13	0.77	15%	34%	52%	14.6	34.1	51.8	100.5	Pass	Pass	Pass	2.1	3.4	1.9	2.3	53%
105	Inbound	1.10	1.07	1.12	1.10	0.69	0.64	0.9	0.54	18%	19%	63%	4.7	5.0	16.6	26.3	Pass	Pass	Pass	1.6	1.2	1.5	1.5	35%
105	Outbound	1.19	1.16	1.07	1.11	0.77	0.67	0.85	0.52	12%	42%	47%	2.9	10.5	11.9	25.3	Pass	Pass	Pass	1.0	2.6	1.1	1.4	35%
106	Inbound	1.36	1.14	1.16	1.20	1.15	0.82	1.18	0.60	32%	15%	54%	19.3	8.9	32.6	60.8	Pass	Pass	Pass	2.4	1.3	1.2	1.4	47%
106	Outbound	1.24	1.20	1.08	1.13	0.92	0.87	1.21	0.62	18%	38%	44%	10.2	21.6	25.2	57.0	Pass	Pass	Pass	2.0	2.4	1.0	1.4	47%
108	Inbound	1.34	1.36	1.18	1.23	1.31	0.56	1.1	0.60	43%	10%	46%	33.9	8.2	36.3	78.4	Pass	Pass	Pass	3.8	1.6	1.2	1.8	45%
108	Outbound	1.17	1.21	1.12	1.15	0.69	0.95	1.15	0.65	11%	40%	49%	6.6	23.8	29.8	60.2	Pass	Pass	Pass	1.3	3.4	1.1	1.5	45%
109	Inbound	1.14	1.14	1.13	1.13	1	0.56	1.1	0.60	20%	26%	54%	16.7	21.9	44.4	83.0	Pass	Pass	Pass	1.9	2.4	1.2	1.5	61%
109	Outbound	1.03	1.56	1.23	1.26	0.62	1.15	1.15	0.66	5%	37%	58%	8.7	61.8	97.2	167.7	Pass	Pass	Pass	1.1	6.9	2.5	3.0	61%
110	Inbound	1.27	1.20	1.13	1.17	1.08	0.74	1.38	0.63	31%	24%	45%	28.2	21.5	40.8	90.5	Pass	Pass	Pass	3.1	2.0	1.4	1.8	49%
110	Outbound	1.26	1.10	1.06	1.10	0.67	1.03	1.08	0.59	25%	23%	52%	18.1	16.4	38.1	72.7	Pass	Pass	Pass	2.6	1.5	1.3	1.5	49%
111	Inbound	1.23	1.21	1.10	1.14	1.23	1.05	1.67	0.69	33%	16%	51%	95.9	47.8	149.4	293.1	Pass	Pass	Pass	3.6	1.3	1.1	1.5	77%
111	Outbound	1.09	1.21	1.09	1.11	0.79	1.26	1.31	0.74	8%	40%	52%	31.9	168.9	216.4	417.2	Pass	Pass	Pass	1.7	4.7	1.8	2.4	77%
112	Inbound	1.13	1.18	1.12	1.14	0.38	0.62	0.56	0.44	9%	31%	60%	4.0	13.2	26.1	43.3	Pass	Pass	Pass	2.0	3.3	1.9	2.2	31%
112	Outbound	1.19	1.23	1.13	1.15	0.67	0.51	0.9	0.45	12%	28%	60%	5.6	12.9	28.1	46.6	Pass	Pass	Pass	1.9	4.3	1.8	2.1	31%
114	Inbound	NA	NA	1.14	1.14	NA	NA	0.62	0.51	0%	0%	100%	0.0	0.0	17.4	17.4	Pass	Pass	Pass	NA	NA	1.9	1.9	42%
114	Outbound	NA	NA	1.20	1.20	NA	NA	0.56	0.44	0%	0%	100%	0.0	0.0	12.2	12.2	Pass	Pass	Pass	NA	NA	1.4	1.4	42%
116	Inbound	1.27	1.10	1.08	1.13	1.26	0.82	1.38	0.80	37%	17%	46%	55.7	25.0	69.2	149.8	Pass	Pass	Pass	3.5	3.1	1.7	2.3	69%
116	Outbound	1.12	1.34	1.10	1.13	0.51	1.31	1.08	0.69	11%	35%	54%	20.0	62.9	98.2	181.1	Pass	Pass	Pass	1.3	7.9	2.5	2.9	69%

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
117	Inbound	1.07	1.05	1.04	1.05	1.26	0.67	1.38	0.74	19%	17%	64%	18.0	16.4	62.4	96.8	Pass	Pass	Pass	2.6	2.0	1.5	1.7	72%
117	Outbound	1.07	1.18	1.08	1.09	0.74	1.21	1.05	0.75	10%	37%	52%	13.9	49.9	70.4	134.1	Pass	Pass	Pass	2.0	5.5	1.9	2.5	72%
119	Inbound	1.08	1.16	1.14	1.14	0.92	0.46	1.03	0.51	14%	22%	64%	4.4	6.8	19.8	31.0	Pass	Pass	Pass	1.5	1.7	1.2	1.3	56%
119	Outbound	1.01	1.13	1.06	1.06	0.54	0.72	0.67	0.46	11%	43%	46%	3.1	12.0	12.8	27.8	Pass	Pass	Pass	1.0	3.0	0.8	1.2	56%
120	Inbound	1.14	1.06	1.03	1.05	0.85	1.38	1.31	0.73	29%	17%	54%	19.6	11.5	35.9	67.0	Pass	Pass	Pass	2.8	2.3	1.1	1.5	58%
120	Outbound	1.06	1.19	1.11	1.11	0.77	1.62	1.56	0.78	12%	32%	56%	11.6	29.9	51.7	93.1	Pass	Pass	Pass	1.4	5.0	1.6	2.0	58%
121	Inbound	1.11	1.08	1.14	1.11	0.51	0.23	0.85	0.34	14%	46%	41%	0.5	1.7	1.5	3.8	Pass	Pass	Pass	0.2	0.3	0.3	0.3	69%
121	Outbound	1.22	1.22	1.13	1.19	0.33	0.51	0.36	0.32	7%	61%	31%	0.7	6.0	3.1	9.8	Pass	Pass	Pass	0.2	1.0	0.6	0.7	69%
131	Inbound	1.08	1.12	1.09	1.10	1.21	0.21	0.85	0.36	54%	17%	30%	6.8	2.1	3.8	12.7	Pass	Pass	Pass	1.1	0.3	0.3	0.5	61%
131	Outbound	1.08	1.11	1.12	1.10	0.18	1.05	0.95	0.38	10%	42%	48%	1.7	7.1	8.1	16.9	Pass	Pass	Pass	0.3	1.0	0.7	0.7	61%
132	Inbound	1.23	1.20	1.14	1.15	1.1	0.31	1.31	0.44	25%	12%	63%	4.4	2.2	11.5	18.1	Pass	Pass	Pass	2.2	1.1	0.8	1.0	73%
132	Outbound	1.18	1.24	1.14	1.16	0.46	1.36	0.79	0.52	7%	47%	46%	2.2	14.3	13.9	30.4	Pass	Pass	Pass	1.1	3.6	0.9	1.4	73%
134	Inbound	1.44	1.24	1.10	1.17	0.9	0.62	1.21	0.46	25%	23%	52%	12.9	11.6	26.3	50.8	Pass	Pass	Pass	2.2	1.7	0.9	1.2	56%
134	Outbound	1.11	1.03	1.05	1.06	0.97	1.13	1.28	0.49	25%	21%	54%	11.7	9.8	25.2	46.7	Pass	Pass	Pass	2.0	1.6	0.9	1.2	56%
136	Inbound	1.21	1.16	1.15	1.17	0.87	0.38	1.23	0.61	32%	11%	57%	7.5	2.5	13.3	23.3	Pass	Pass	Pass	1.5	1.3	1.0	1.1	43%
136	Outbound	1.07	1.12	1.13	1.12	0.51	0.97	0.97	0.46	14%	10%	76%	2.7	2.0	14.8	19.5	Pass	Pass	Pass	1.3	2.0	1.2	1.3	43%
137	Inbound	1.12	1.27	1.10	1.13	1.15	0.49	1.08	0.58	27%	34%	39%	7.7	9.5	11.0	28.3	Pass	Pass	Pass	1.9	3.2	1.1	1.7	30%
137	Outbound	1.15	1.23	1.16	1.17	0.41	1.03	0.74	0.55	21%	37%	42%	7.6	13.3	15.1	35.9	Pass	Pass	Pass	1.9	4.4	1.7	2.2	30%
170	Inbound	NA	1.04	1.15	1.10	NA	0.36	0.38	0.37	0%	18%	82%	0.0	0.2	1.0	1.2	Pass	Pass	Pass	NA	0.2	1.0	0.6	58%
170	Outbound	NA	NA	1.07	1.07	NA	NA	0.41	0.34	0%	0%	100%	0.0	0.0	1.4	1.4	Pass	Pass	Pass	NA	NA	0.7	0.7	58%
191	Inbound	NA	NA	1.08	1.08	NA	NA	0.85	0.85	0%	0%	100%	0.0	0.0	1.0	1.0	Pass	Pass	Pass	NA	NA	1.0	1.0	NA
191	Outbound	NA	NA	1.09	1.09	NA	NA	0.33	0.33	0%	0%	100%	0.0	0.0	0.3	0.3	Pass	Pass	Pass	NA	NA	0.3	0.3	NA
192	Inbound	NA	NA	1.00	1.00	NA	NA	0.77	0.77	NA	NA	NA	0.0	0.0	0.0	0.0	Pass	Pass	Pass	NA	NA	0.0	0.0	NA
192	Outbound	NA	NA	1.00	1.00	NA	NA	0.38	0.38	NA	NA	NA	0.0	0.0	0.0	0.0	Pass	Pass	Pass	NA	NA	0.0	0.0	NA
193	Inbound	NA	NA	1.03	1.03	NA	NA	0.38	0.38	0%	0%	100%	0.0	0.0	0.4	0.4	Pass	Pass	Pass	NA	NA	0.4	0.4	NA
193	Outbound	NA	NA	1.07	1.07	NA	NA	0.23	0.23	0%	0%	100%	0.0	0.0	0.4	0.4	Pass	Pass	Pass	NA	NA	0.4	0.4	NA
194	Inbound	NA	NA	1.00	1.00	NA	NA	0.46	0.46	0%	0%	100%	0.0	0.0	0.2	0.2	Pass	Pass	Pass	NA	NA	0.2	0.2	NA
195	Inbound	1.00	NA	NA	1.00	0.31	NA	NA	0.31	100%	0%	0%	0.3	0.0	0.0	0.3	Pass	Pass	Pass	0.3	NA	NA	0.3	53%
201	Inbound	1.11	1.23	1.13	1.14	0.38	0.18	0.38	0.17	40%	13%	47%	4.7	1.5	5.5	11.7	Pass	Pass	Pass	0.7	0.4	0.2	0.3	63%
201	Outbound	1.28	1.18	1.12	1.15	0.69	0.46	0.49	0.24	23%	15%	62%	4.6	3.0	12.5	20.1	Pass	Pass	Pass	0.7	1.0	0.4	0.5	63%
202	Inbound	1.31	1.13	1.10	1.14	0.64	0.18	0.44	0.19	24%	24%	52%	2.7	2.7	5.9	11.3	Pass	Pass	Pass	0.7	0.3	0.3	0.4	55%
202	Outbound	1.23	1.12	1.09	1.11	0.18	0.69	0.41	0.22	3%	49%	49%	0.3	4.8	4.8	9.8	Pass	Pass	Pass	0.1	0.6	0.2	0.3	55%
210	Inbound	1.16	1.02	1.08	1.08	0.36	0.41	0.38	0.28	35%	22%	44%	7.1	4.4	8.9	20.4	Pass	Pass	Pass	1.8	0.9	0.8	1.0	45%
210	Outbound	1.13	1.04	1.09	1.09	0.41	0.51	0.62	0.29	40%	23%	37%	8.0	4.7	7.4	20.1	Pass	Pass	Pass	2.0	0.9	0.6	1.0	45%
211	Inbound	1.00	1.00	1.01	1.00	0.33	0.54	0.92	0.35	7%	21%	72%	0.9	2.6	9.0	12.5	Pass	Pass	Pass	0.2	0.6	0.6	0.5	51%
211	Outbound	1.19	1.25	1.29	1.25	0.82	0.46	0.69	0.39	30%	17%	53%	4.3	2.5	7.6	14.4	Pass	Pass	Pass	0.7	0.5	0.6	0.6	51%
212	Inbound	1.13	1.17	1.08	1.12	0.46	0.23	0.67	0.26	43%	27%	30%	2.5	1.6	1.8	5.9	Pass	Pass	Pass	0.8	0.5	0.3	0.5	48%
212	Outbound	1.17	1.12	1.13	1.14	0.36	0.44	0.51	0.29	58%	19%	24%	5.0	1.6	2.1	8.7	Pass	Pass	Pass	1.3	0.5	0.5	0.8	48%
214	Inbound	1.20	1.16	1.15	1.16	0.97	0.36	1.08	0.49	39%	6%	56%	14.3	2.0	20.4	36.7	Pass	Pass	Pass	1.4	0.3	1.1	1.0	76%
214	Outbound	1.02	1.00	1.02	1.01	0.33	0.87	0.92	0.38	5%	42%	53%	1.9	15.4	19.7	37.0	Pass	Pass	Pass	0.2	2.2	1.1	1.1	76%
215	Inbound	1.26	1.16	1.11	1.14	0.64	0.64	0.92	0.49	22%	19%	59%	13.8	12.1	38.0	63.9	Pass	Pass	Pass	2.8	2.0	1.7	1.9	35%
215	Outbound	1.13	1.25	1.12	1.14	0.77	0.49	0.92	0.44	23%	20%	57%	11.6	10.3	28.9	50.8	Pass	Pass	Pass	2.3	2.6	1.3	1.6	35%
216	Inbound	1.26	1.24	1.13	1.17	0.74	0.13	0.79	0.22	42%	5%	53%	7.1	0.8	9.1	17.0	Pass	Pass	Pass	0.8	0.1	0.3	0.3	72%
216	Outbound	1.00	1.03	1.03	1.02	0.1	0.69	0.77	0.31	6%	25%	70%	1.5	6.7	18.7	26.9	Pass	Pass	Pass	0.2	1.0	0.6	0.5	72%
217	Inbound	NA	1.09	1.16	1.15	NA	0.13	1.13	0.46	0%	7%	93%	0.0	0.3	4.5	4.9	Pass	Pass	Pass	NA	0.3	1.1	1.0	56%
217	Outbound	1.02	1.43	1.22	1.22	0.62	0.21	0.77	0.45	16%	29%	55%	0.4	0.8	1.5	2.7	Pass	Pass	Pass	0.4	0.8	0.7	0.7	56%

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
220	Inbound	1.21	1.09	1.11	1.12	0.97	0.46	1.13	0.55	31%	13%	56%	11.3	4.5	20.1	36.0	Pass	Pass	Pass	1.6	0.6	0.7	0.9	64%
220	Outbound	1.06	1.05	1.03	1.04	0.54	0.82	0.97	0.46	20%	28%	52%	8.3	11.6	21.9	41.8	Pass	Pass	Pass	1.7	1.3	0.8	1.0	64%
221	Inbound	1.30	1.09	1.16	1.21	0.72	0.05	0.23	0.35	74%	4%	21%	1.5	0.1	0.4	2.1	Pass	Pass	Pass	0.8	0.1	0.4	0.5	53%
221	Outbound	1.07	1.06	1.19	1.13	0.1	0.41	0.56	0.28	10%	32%	58%	0.3	0.9	1.7	2.9	Pass	Pass	Pass	0.3	0.9	0.8	0.7	53%
222	Inbound	1.24	1.12	1.13	1.15	1.05	0.41	1	0.49	32%	9%	59%	14.3	3.7	26.0	44.0	Pass	Pass	Pass	2.0	0.5	1.0	1.1	58%
222	Outbound	1.04	1.09	1.07	1.07	0.49	0.92	1.1	0.43	6%	40%	54%	2.8	17.8	24.0	44.6	Pass	Pass	Pass	0.5	2.0	0.9	1.1	58%
225	Inbound	1.28	1.13	1.12	1.15	1.49	0.49	1.36	0.60	31%	13%	56%	20.3	8.7	37.3	66.3	Pass	Pass	Pass	2.0	0.6	1.2	1.2	58%
225	Outbound	1.10	1.06	1.04	1.05	0.46	1.41	1.13	0.58	7%	42%	51%	5.5	32.2	38.9	76.6	Pass	Pass	Pass	0.6	2.0	1.0	1.2	58%
230	Inbound	1.15	1.12	1.10	1.11	0.77	0.72	1.1	0.57	19%	20%	62%	14.7	15.4	48.4	78.5	Pass	Pass	Pass	2.9	3.1	2.4	2.6	43%
230	Outbound	1.05	1.19	1.13	1.12	0.41	1	0.82	0.48	4%	34%	62%	2.5	23.8	43.5	69.8	Pass	Pass	Pass	0.6	5.9	2.1	2.4	43%
236	Inbound	1.31	1.32	1.15	1.24	0.77	0.44	0.26	0.31	28%	53%	19%	3.5	6.7	2.4	12.6	Pass	Pass	Pass	1.2	1.7	0.5	1.1	51%
236	Outbound	1.16	1.21	1.07	1.11	0.62	0.62	0.51	0.40	15%	33%	51%	2.8	6.0	9.3	18.1	Pass	Pass	Pass	0.9	2.0	0.9	1.1	51%
238	Inbound	1.23	1.09	1.12	1.14	1.28	0.95	1.49	0.72	32%	13%	55%	18.1	7.3	31.1	56.5	Pass	Pass	Pass	3.6	2.4	2.1	2.5	38%
238	Outbound	1.06	1.20	1.13	1.13	0.62	1	1.08	0.63	7%	37%	57%	5.1	27.1	42.1	74.2	Pass	Pass	Pass	1.7	5.4	2.5	3.0	38%
240	Inbound	1.29	1.15	1.12	1.15	0.74	0.69	1.08	0.58	26%	22%	53%	32.0	27.0	65.9	124.9	Pass	Pass	Pass	4.6	2.7	2.0	2.5	35%
240	Outbound	1.21	1.30	1.07	1.14	0.56	1.03	1.03	0.58	8%	54%	38%	13.8	92.1	63.7	169.6	Pass	Pass	Pass	2.0	9.2	2.2	3.7	35%
245	Inbound	1.10	1.09	1.03	1.05	0.18	0.59	0.67	0.36	13%	32%	55%	1.8	4.6	7.9	14.3	Pass	Pass	Pass	0.9	1.2	0.7	0.8	54%
245	Outbound	1.03	1.01	1.02	1.02	0.64	0.13	0.69	0.29	35%	12%	53%	2.4	0.8	3.7	6.9	Pass	Pass	Pass	0.8	0.2	0.5	0.5	54%
325	Inbound	1.23	1.04	1.19	1.15	0.77	0.15	0.44	0.33	69%	15%	16%	6.7	1.4	1.5	9.7	Pass	Pass	Pass	1.1	0.2	0.5	0.6	51%
325	Outbound	1.05	1.36	1.20	1.23	0.05	0.72	0.46	0.34	8%	83%	9%	1.0	9.8	1.1	11.9	Pass	Pass	Pass	0.2	1.2	0.5	0.8	51%
326	Inbound	1.27	1.01	1.21	1.18	1.1	0.23	0.49	0.43	84%	6%	10%	14.0	1.0	1.7	16.8	Pass	Pass	Pass	1.6	0.2	0.6	0.9	56%
326	Outbound	1.07	1.54	1.40	1.37	0.05	0.85	0.49	0.37	2%	81%	17%	0.4	18.6	3.8	22.8	Pass	Pass	Pass	0.1	2.3	1.0	1.3	56%
350	Inbound	1.08	1.03	1.04	1.04	0.97	1.23	1.26	0.61	21%	30%	49%	6.7	9.5	15.8	32.0	Pass	Pass	Pass	1.3	1.6	0.8	1.1	52%
350	Outbound	1.05	1.01	1.05	1.04	1.03	1.03	1	0.68	20%	21%	59%	10.8	11.3	31.2	53.3	Pass	Pass	Pass	2.7	1.6	1.7	1.8	52%
351	Inbound	NA	1.13	1.21	1.15	NA	0.72	0.54	0.52	0%	66%	34%	0.0	4.9	2.5	7.4	Pass	Pass	Pass	NA	1.6	2.5	1.9	70%
351	Outbound	1.01	NA	1.00	1.00	0.72	NA	0.36	0.56	82%	0%	18%	2.0	0.0	0.4	2.5	Pass	Pass	Pass	0.7	NA	0.4	0.6	70%
352	Inbound	1.18	NA	1.09	1.13	0.67	NA	0.72	0.55	66%	0%	34%	14.6	0.0	7.6	22.2	Pass	Pass	Pass	3.7	NA	1.5	2.5	63%
352	Outbound	NA	1.05	1.05	1.05	NA	0.85	0.38	0.54	0%	84%	16%	0.0	9.2	1.7	10.9	Pass	Pass	Pass	NA	1.5	0.9	1.4	63%
354	Inbound	1.17	1.38	1.13	1.18	0.85	0.33	0.9	0.57	50%	9%	41%	5.5	1.0	4.4	10.9	Pass	Pass	Pass	1.4	0.5	0.6	0.8	42%
354	Outbound	1.10	1.26	1.11	1.15	0.44	1.05	0.64	0.47	18%	60%	22%	4.3	14.3	5.4	24.0	Pass	Pass	Pass	1.4	2.9	0.6	1.4	42%
411	Inbound	1.24	1.21	1.09	1.16	1.26	0.87	1.15	0.70	41%	25%	34%	22.5	13.5	18.6	54.6	Pass	Pass	Pass	3.8	4.5	1.9	2.9	31%
411	Outbound	1.12	1.33	1.13	1.17	0.23	1.03	1.23	0.61	4%	33%	62%	1.9	13.9	25.9	41.6	Pass	Pass	Pass	0.9	4.6	2.2	2.4	31%
424	Inbound	1.21	NA	1.26	1.23	0.59	NA	0.87	0.63	56%	0%	44%	6.6	0.0	5.1	11.7	Pass	Pass	Pass	2.2	NA	2.5	2.3	42%
424	Outbound	NA	1.20	1.23	1.21	NA	0.59	0.62	0.54	0%	70%	30%	0.0	7.1	3.0	10.1	Pass	Pass	Pass	NA	2.4	3.0	2.5	42%
426	Inbound	1.30	1.17	1.10	1.15	0.97	0.38	1.08	0.50	36%	15%	49%	19.8	8.1	26.9	54.8	Pass	Pass	Pass	2.8	1.6	1.3	1.7	49%
426	Outbound	1.10	1.06	1.14	1.11	0.38	0.92	1	0.56	11%	23%	66%	6.6	14.3	40.4	61.3	Pass	Pass	Pass	1.6	1.8	1.8	1.8	49%
428	Inbound	1.09	NA	1.04	1.08	0.59	NA	0.56	0.53	69%	0%	31%	0.7	0.0	0.3	1.1	Pass	Pass	Pass	0.4	NA	0.3	0.4	61%
428	Outbound	NA	1.00	NA	1.00	NA	0.87	NA	0.77	0%	100%	0%	0.0	0.9	0.0	0.9	Pass	Pass	Pass	NA	0.3	NA	0.3	61%
429	Inbound	1.00	1.06	1.10	1.08	0.36	0.85	1.15	0.54	5%	12%	82%	2.1	5.0	33.5	40.6	Pass	Pass	Pass	0.7	1.3	1.8	1.6	53%
429	Outbound	1.12	1.05	1.07	1.07	1.31	0.64	1.23	0.61	27%	12%	61%	8.5	3.7	18.9	31.0	Pass	Pass	Pass	2.1	0.9	1.3	1.3	53%
430	Inbound	1.12	1.10	1.14	1.13	0.74	0.46	1.1	0.56	24%	11%	65%	2.0	0.9	5.3	8.2	Pass	Pass	Pass	0.7	0.3	0.4	0.4	42%
430	Outbound	1.10	1.26	1.13	1.15	0.38	1.23	0.87	0.65	6%	49%	45%	2.9	24.4	22.3	49.6	Pass	Pass	Pass	1.0	4.9	1.7	2.4	42%
434	Inbound	NA	NA	1.17	1.17	NA	NA	0.44	0.44	0%	0%	100%	0.0	0.0	2.3	2.3	Pass	Pass	Pass	NA	NA	2.3	2.3	38%
434	Outbound	NA	1.03	NA	1.03	NA	0.46	NA	0.46	0%	100%	0%	0.0	0.5	0.0	0.5	Pass	Pass	Pass	NA	0.5	NA	0.5	38%
435	Inbound	1.30	1.29	1.13	1.18	0.26	0.67	0.74	0.47	4%	38%	58%	1.2	12.2	18.6	32.0	Pass	Pass	Pass	1.2	4.1	2.1	2.5	39%
435	Outbound	1.19	1.05	1.11	1.11	0.77	0.46	0.85	0.51	30%	16%	54%	10.5	5.8	19.1	35.3	Pass	Pass	Pass	5.2	1.9	1.7	2.2	39%

Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLf	PMLf	OPLf	DLf	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
436	Inbound	1.05	1.07	1.06	1.06	0.33	0.72	0.74	0.37	14%	27%	59%	2.0	4.0	8.6	14.6	Pass	Pass	Pass	0.7	1.3	0.7	0.8	55%
436	Outbound	1.09	1.07	1.05	1.06	0.56	0.33	0.79	0.47	44%	17%	39%	8.3	3.3	7.5	19.1	Pass	Pass	Pass	2.1	0.8	0.8	1.1	55%
439	Inbound	NA	1.00	1.21	1.16	NA	0.1	0.13	0.12	0%	0%	100%	0.0	0.0	0.5	0.5	Pass	Pass	Pass	NA	0.0	0.2	0.1	49%
439	Outbound	1.11	1.14	1.00	1.08	0	0.67	0.15	0.29	0%	95%	5%	0.0	3.5	0.2	3.7	Pass	Pass	Pass	0.0	1.8	0.1	0.7	49%
441	Inbound	1.08	1.04	1.07	1.07	0.77	0.67	1.18	0.68	28%	14%	58%	2.9	1.4	5.9	10.2	Pass	Pass	Pass	0.5	0.5	0.5	0.5	65%
441	Outbound	1.10	1.03	1.10	1.08	0.79	1.18	1.1	0.76	17%	26%	56%	3.3	5.0	10.6	18.8	Pass	Pass	Pass	1.1	1.2	1.1	1.1	65%
442	Inbound	1.08	1.05	1.08	1.07	0.92	0.67	1.23	0.67	16%	26%	57%	2.5	4.0	8.8	15.4	Pass	Pass	Pass	0.6	0.8	0.4	0.5	59%
442	Outbound	1.10	1.09	1.12	1.11	0.38	1.05	1.1	0.67	8%	26%	66%	3.9	12.8	31.9	48.6	Pass	Pass	Pass	1.0	1.6	1.3	1.3	59%
448	Inbound	1.14	NA	1.15	1.15	0.56	NA	0.92	0.74	48%	0%	52%	2.3	0.0	2.4	4.7	Pass	Pass	Pass	2.3	NA	2.4	2.3	36%
448	Outbound	1.04	1.09	NA	1.07	0.33	0.79	NA	0.63	17%	83%	0%	0.9	4.2	0.0	5.1	Pass	Pass	Pass	0.9	2.1	NA	1.7	36%
449	Inbound	1.11	NA	1.22	1.18	0.51	NA	0.87	0.72	18%	0%	82%	1.5	0.0	7.3	8.8	Pass	Pass	Pass	1.5	NA	3.6	2.9	37%
449	Outbound	1.00	1.12	NA	1.08	0.28	0.85	NA	0.59	25%	75%	0%	1.8	5.3	0.0	7.1	Pass	Pass	Pass	1.8	2.7	NA	2.4	37%
450	Inbound	1.09	1.02	1.09	1.08	0.56	0.56	1.15	0.50	16%	9%	75%	9.6	5.3	44.1	59.1	Pass	Pass	Pass	2.4	1.8	2.6	2.5	43%
450	Outbound	1.01	1.10	1.12	1.11	0.64	0.95	0.79	0.56	6%	32%	62%	3.3	17.4	33.7	54.4	Pass	Pass	Pass	1.1	3.5	1.9	2.1	43%
451	Inbound	1.03	1.09	1.04	1.05	0.15	0.26	0.18	0.17	6%	62%	33%	0.1	1.5	0.8	2.4	Pass	Pass	Pass	0.1	0.5	0.2	0.3	61%
451	Outbound	1.04	1.19	1.12	1.12	0.41	0.23	0.46	0.28	16%	20%	64%	1.0	1.2	3.9	6.1	Pass	Pass	Pass	0.5	0.6	1.0	0.8	61%
455	Inbound	1.16	1.07	1.14	1.14	0.87	0.64	1.33	0.83	14%	7%	79%	12.7	6.3	69.6	88.6	Pass	Pass	Pass	3.2	3.1	3.5	3.4	39%
455	Outbound	1.16	1.14	1.09	1.11	0.85	1.03	1.1	0.82	29%	10%	62%	22.6	7.6	49.1	79.3	Pass	Pass	Pass	7.5	3.8	3.3	4.0	39%
456	Inbound	NA	1.21	1.01	1.05	NA	0.54	0.38	0.36	0%	50%	50%	0.0	2.7	2.7	5.4	Pass	Pass	Pass	NA	2.7	0.5	0.9	62%
456	Outbound	1.07	NA	1.09	1.09	0.31	NA	0.51	0.36	6%	0%	94%	0.4	0.0	7.1	7.5	Pass	Pass	Pass	0.4	NA	1.0	0.9	62%
459	Inbound	1.21	1.25	1.15	1.18	0.62	0.54	0.95	0.67	20%	23%	57%	11.1	13.1	31.5	55.6	Pass	Pass	Pass	5.5	6.5	4.5	5.1	30%
459	Outbound	1.03	1.15	1.12	1.12	0.56	0.46	0.67	0.52	2%	19%	79%	0.9	8.6	35.9	45.5	Pass	Pass	Pass	0.9	4.3	4.0	3.8	30%
465	Inbound	1.20	1.20	1.11	1.14	0.1	0.49	0.41	0.26	3%	52%	45%	0.2	4.5	3.9	8.7	Pass	Pass	Pass	0.2	1.5	0.4	0.7	49%
465	Outbound	1.02	1.03	1.03	1.03	0.54	0.31	0.56	0.38	15%	12%	73%	1.4	1.1	6.7	9.2	Pass	Pass	Pass	0.7	0.5	0.8	0.8	49%
501	Inbound	1.05	1.12	1.02	1.06	1.08	0.31	0.59	0.46	71%	15%	14%	18.8	3.9	3.6	26.3	Pass	Pass	Pass	1.1	0.3	0.3	0.6	74%
501	Outbound	1.30	1.05	1.07	1.13	0.31	1.1	0.9	0.52	20%	59%	22%	11.2	33.1	12.2	56.6	Pass	Pass	Pass	0.9	1.9	1.0	1.4	74%
502	Inbound	1.00	1.15	1.04	1.06	0.87	0.31	0.59	0.46	56%	38%	6%	6.5	4.5	0.7	11.7	Pass	Pass	Pass	0.4	0.4	0.2	0.4	85%
502	Outbound	1.01	1.03	1.00	1.02	1.08	1.03	0.54	0.48	11%	70%	19%	1.2	7.8	2.1	11.1	Pass	Pass	Pass	0.1	0.7	0.5	0.4	85%
503	Inbound	1.01	1.00	1.00	1.00	0.97	0.1	0.46	0.42	73%	8%	19%	3.0	0.3	0.8	4.1	Pass	Pass	Pass	0.5	0.1	0.2	0.3	74%
503	Outbound	1.13	1.07	1.08	1.11	0.62	0.87	0.74	0.48	47%	42%	10%	4.1	3.7	0.9	8.6	Pass	Pass	Pass	0.7	0.9	0.9	0.8	74%
504	Inbound	1.01	1.13	1.04	1.05	1	0.28	0.77	0.43	26%	23%	51%	7.8	7.0	15.5	30.3	Pass	Pass	Pass	0.7	0.7	0.7	0.7	77%
504	Outbound	1.21	1.14	1.14	1.16	0.31	1.08	0.74	0.39	6%	63%	31%	3.9	41.2	20.0	65.1	Pass	Pass	Pass	0.4	3.2	0.8	1.4	77%
505	Inbound	1.07	1.18	1.12	1.11	0.72	0.15	0.77	0.40	42%	16%	42%	8.0	3.1	7.9	19.0	Pass	Pass	Pass	0.7	0.4	0.7	0.6	64%
505	Outbound	1.16	1.14	1.08	1.12	0.13	0.97	0.56	0.39	7%	72%	21%	2.2	22.0	6.2	30.4	Pass	Pass	Pass	0.4	2.4	0.6	1.2	64%
553	Inbound	1.17	1.15	1.05	1.08	1.21	0.46	0.82	0.46	40%	18%	41%	9.0	4.0	9.2	22.3	Pass	Pass	Pass	3.0	2.0	0.8	1.3	52%
553	Outbound	1.03	1.13	1.07	1.07	0.46	0.95	0.85	0.43	4%	21%	75%	1.0	5.2	18.3	24.4	Pass	Pass	Pass	0.5	2.6	1.1	1.2	52%
554	Inbound	1.10	1.06	1.04	1.05	0.92	0.33	0.95	0.38	21%	34%	44%	2.8	4.5	5.9	13.2	Pass	Pass	Pass	1.4	1.5	0.7	0.9	54%
554	Outbound	1.09	1.06	1.08	1.08	0.33	0.9	0.51	0.44	4%	29%	67%	0.6	4.7	10.6	15.9	Pass	Pass	Pass	0.6	1.6	1.1	1.1	54%
556	Inbound	1.04	1.10	1.11	1.09	1.15	0.26	0.82	0.32	36%	14%	49%	4.4	1.7	5.9	12.1	Pass	Pass	Pass	1.5	0.9	0.5	0.8	54%
556	Outbound	1.17	1.03	1.11	1.10	0.23	1.23	0.18	0.33	9%	73%	19%	1.0	8.0	2.1	11.0	Pass	Pass	Pass	0.5	2.0	0.3	0.8	54%
558	Inbound	1.07	1.16	1.14	1.13	0.85	0.31	0.38	0.34	25%	31%	45%	2.1	2.6	3.8	8.4	Pass	Pass	Pass	1.0	1.3	0.6	0.8	44%
558	Outbound	1.16	1.09	1.09	1.11	0.33	0.97	0.33	0.37	36%	48%	16%	3.4	4.4	1.5	9.2	Pass	Pass	Pass	1.7	1.1	0.4	0.9	44%
CT1	Inbound	1.27	1.37	1.28	1.29	1	0.77	0.64	0.53	22%	30%	47%	15.6	21.3	33.1	70.0	Pass	Pass	Pass	2.6	4.3	1.7	2.3	46%
CT1	Outbound	1.19	1.21	1.08	1.13	0.82	0.95	0.9	0.48	10%	40%	50%	5.2	21.7	26.9	53.8	Pass	Pass	Pass	1.0	3.1	1.3	1.6	46%
CT2	Inbound	1.16	1.14	1.04	1.08	1.03	0.74	0.77	0.53	41%	26%	34%	24.9	15.7	20.8	61.4	Pass	Pass	Pass	4.2	3.1	1.2	2.1	38%
CT2	Outbound	1.08	1.13	1.03	1.06	1.05	1.05	0.72	0.50	17%	49%	33%	9.4	26.4	18.0	53.7	Pass	Pass	Pass	1.6	4.4	1.0	1.8	38%

**Table B.2
MBTA Bus Route Performance Monitoring Results
Fall 2016**

Route	Direction	AMTTI	PMTTI	OffpeakTTI	dailyTTI	AMLF	PMLF	OPLF	DLF	PPD AM	PPD PM	PPD OP	AMPDHR	PMPDHR	OPPDHR	DPDHR	PUSAM	PUSPM	PUSD	PHDBRAM	PHDBRPM	PHDBROP	PHDBRDaily	OTP
CT3	Inbound	1.11	1.25	1.21	1.21	0.21	0.79	0.59	0.31	8%	47%	46%	3.3	19.8	19.4	42.5	Pass	Pass	Pass	0.6	2.0	1.1	1.3	38%
CT3	Outbound	1.23	1.15	1.13	1.17	0.79	0.31	0.92	0.37	31%	13%	56%	9.5	4.0	17.4	30.9	Pass	Pass	Pass	0.8	0.8	0.9	0.9	38%
SL1	Inbound	1.13	1.19	1.06	1.08	0.6	1.05	0.86	0.59	15%	29%	56%	42.1	84.2	162.0	288.3	Pass	Pass	Pass	2.8	6.0	1.7	2.3	82%
SL1	Outbound	1.00	1.00	1.02	1.02	0.96	0.72	0.86	0.50	11%	26%	64%	12.9	31.0	77.0	120.9	Pass	Pass	Pass	0.9	2.2	0.8	1.0	82%
SL2	Inbound	1.01	1.03	1.01	1.01	0.21	1.09	0.88	0.34	2%	29%	69%	0.2	3.9	9.3	13.4	Pass	Pass	Pass	0.0	0.1	0.1	0.1	88%
SL2	Outbound	1.02	1.03	1.02	1.02	1.05	0.3	1	0.36	42%	10%	48%	26.0	6.3	29.8	62.0	Pass	Pass	Pass	1.1	0.2	0.4	0.5	88%
SL4	Inbound	1.18	1.09	1.08	1.09	0.96	0.65	0.81	0.44	29%	16%	55%	53.7	30.3	104.4	188.4	Pass	Pass	Pass	4.1	2.2	1.7	2.1	70%
SL4	Outbound	1.31	1.09	1.14	1.16	0.53	0.84	0.68	0.37	14%	25%	61%	26.4	48.2	115.7	190.3	Pass	Pass	Pass	2.0	3.7	1.8	2.1	70%
SL5	Inbound	1.13	1.11	1.08	1.09	0.96	0.98	1.4	0.48	18%	18%	65%	48.8	48.8	179.0	276.6	Pass	Pass	Pass	2.7	2.3	1.8	2.0	75%
SL5	Outbound	1.24	1.03	1.08	1.09	0.72	1.04	1.84	0.52	12%	18%	70%	34.7	52.9	203.8	291.3	Pass	Pass	Pass	1.8	2.5	2.1	2.1	75%
SLW	Inbound	1.00	1.02	1.00	1.01	0.42	0.88	0.4	0.34	7%	85%	7%	0.7	8.7	0.7	10.2	Pass	Pass	Pass	0.0	0.3	0.1	0.2	NA
SLW	Outbound	1.00	1.15	1.00	1.06	1	0.39	0.77	0.37	54%	30%	15%	22.9	12.8	6.5	42.1	Pass	Pass	Pass	0.9	0.4	0.3	0.6	NA