15 Madison Street west of Holly Avenue City, State: Cambridge, MA Client: Toole Design/ M. Danila

Site Code: 00BOS.06085.07 Task 8

Count Date: Wednesday, March 8, 2023

Direction: ΕB



PDI File #: 239225 ATR-I

157 Washington Street, Suite 2										
Hudson, M	A 01749									
Office: 508-875-0100	Fax: 508-875-0118									

АМ	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total	PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0		0		0	0	12:00 PM	0			0		0	22
12:15 AM	0	0		0		0	0	12:15 PM	0			0		-	13
12:30 AM 12:45 AM	0	0		0		0	2	12:30 PM 12:45 PM	0			0			17 29
1:00 AM	0	0		0		0	1	1:00 PM	0			0		-	20
1:15 AM	0	0		0		0	0	1:15 PM	0			1			16
1:30 AM	0	0	0	0	0	0	0	1:30 PM	0	0	13	0	1	0	14
1:45 AM	0	0	1	0	1	0	2	1:45 PM	0	0	11	0	1	0	12
2:00 AM	0	0		0		0	0	2:00 PM	0			1		0	29
2:15 AM	0	0		0		0	0	2:15 PM	0			0		0	29
2:30 AM	0	0		0		0	0	2:30 PM	0			0		0	23 33
2:45 AM 3:00 AM	0	0		0	0	0	0	2:45 PM 3:00 PM	0			1			20
3:15 AM	0	0		0		0	0	3:15 PM	0			1		-	28
3:30 AM	0	0		0	0	0	0	3:30 PM	0			0			39
3:45 AM	0	0	0	0	0	0	0	3:45 PM	0	0		0	0	0	51
4:00 AM	0	0	0	0	0	0	0	4:00 PM	0	0	47	0	0	0	47
4:15 AM	0	0		0	0	0	1	4:15 PM	0	0	34	0	0	0	34
4:30 AM	0	0		0		0	0	4:30 PM	1			1			48
4:45 AM	0	0		0		0	2	4:45 PM	0			0			43
5:00 AM	0	0		0		0	0	5:00 PM	1	0		0			62
5:15 AM 5:30 AM	0	0		0		0	0	5:15 PM	0			0		-	52
5:30 AM	0	0		0		0	1	5:30 PM 5:45 PM	2		53 54	0		- 1	54 56
6:00 AM	0	0		0		0	2	6:00 PM	0			0			54
6:15 AM	0	0		0		0	4	6:15 PM	0			0			47
6:30 AM	0	0		0		0	5	6:30 PM	0	0		0	0	0	29
6:45 AM	0	0	4	0	0	0	4	6:45 PM	1	0	15	0	0	0	16
7:00 AM	0	0	6	1	0	0	7	7:00 PM	0	0	22	0	0	0	22
7:15 AM	0	0	_	0		0	9	7:15 PM	0			0			18
7:30 AM	0	0		0		0	13	7:30 PM	0			0			13
7:45 AM	0	0		0		0	12	7:45 PM	0			0			15
8:00 AM 8:15 AM	1 0	0		1	1	0	29 34	8:00 PM 8:15 PM	0			0		-	15 16
8:30 AM	0	0		0		0	24	8:30 PM	0			0		-	13
8:45 AM	0	0		0		0	31	8:45 PM	0			0			19
9:00 AM	0	0	21	0	1	0	22	9:00 PM	0	0	13	0		-	13
9:15 AM	0	0	22	0	1	0	23	9:15 PM	0	0	8	0	0	0	8
9:30 AM	0	0	7	0	0	0	7	9:30 PM	0	0	6	0	0	0	6
9:45 AM	0	0	_	0		0	23	9:45 PM	0			0			10
10:00 AM	0	0	_	0		0	14	10:00 PM	0			0		-	4
10:15 AM	0	0		0		0	16	10:15 PM	0			0			4
10:30 AM	0	0		0		0	18	10:30 PM	0			0		-	6 7
10:45 AM 11:00 AM	0	0		0		0	16 11	10:45 PM 11:00 PM	0			0			2
11:15 AM	0	0		0		0	16	11:15 PM	0			0			6
11:30 AM	0	0				0	17	11:30 PM	0			0			1
11:45 AM	0	0		0		0	17	11:45 PM	0			0		-	2
-		0	371	2	12	0	386	PM Total	6		1117	5	8	0	
AM Total Percentage	1 0.26%	0.00%		0.52%		0.00%	380	Percentage	0.53%		98.24%	0.44%			1137
AM Peak	7:15 AM	12:00 AM	8:00 AM	6:15 AM	9:00 AM	12:00 AM	8:00 AM	PM Peak	5:00 PM	4:45 PM	5:00 PM	1:15 PM	1:45 PM	12:00 PM	5:00 PM
Volume	1	0	113	1	4	0	118	Volume	3	1	220	2	5	0	224
								Day Total	7	1	1488	7	20	0	1523
								Percentage	0.46%	0.07%	97.70%	0.46%	1.31%	0.00%	

15 Madison Street west of Holly Avenue City, State: Cambridge, MA Client: Toole Design/ M. Danila

Site Code: 00BOS.06085.07 Task 8

Count Date: Thursday, March 9, 2023

Direction: ΕB



PDI File #: 239225 ATR-I

157 Washington Street, Suite 2 Hudson, MA 01749 Office: 508-875-0100 Fax: 508-875-0118

AM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total	PM	Bicycles	Motorcycle	Cars & Light Goods	Buses	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	1	0	0	0	1	12:00 PM	0	0	17	0	2	0	19
12:15 AM	0	0		0	0	0	1	12:15 PM	1	0	11	0	0	0	12
12:30 AM	0	0		0		0		12:30 PM	0	0	12 14	0	1	0	13 15
12:45 AM 1:00 AM	0	0		0	0	0	1	12:45 PM 1:00 PM	0	0	17	0	1	0	18
1:15 AM	0	0		0		0	1	1:15 PM	0	0	12	0	0	0	12
1:30 AM	0	0		0	0	0	0	1:30 PM	0	0	14	0	1	0	15
1:45 AM	0	0	0	0	0	0	0	1:45 PM	0	0	17	0	1	0	18
2:00 AM	0	0	0	0	0	0	0	2:00 PM	0	0	17	0	0	0	17
2:15 AM	0	0		0		0		2:15 PM	0	0	25	0	1	0	26
2:30 AM	0	0		0	0	0	0	2:30 PM	1	0	20	1	0	0	22
2:45 AM 3:00 AM	0	0		0	0	0	0	2:45 PM 3:00 PM	0	0	35 29	0	0	0	35 29
3:15 AM	0	0		0	0	0	2	3:15 PM	0	0	32	1	0	0	33
3:30 AM	0	0		0		0	0	3:30 PM	0	0	43	0	0	0	43
3:45 AM	0	0	1	0	0	0	1	3:45 PM	0	0	40	0	0	0	40
4:00 AM	0	0	0	0	0	0	0	4:00 PM	0	0	38	2	0	0	40
4:15 AM	0	0	1	0	0	0	1	4:15 PM	1	0	42	0	1	0	44
4:30 AM	0	0		0		0	0	4:30 PM	0	0	39	2	0	0	41
4:45 AM	0	0		0		0	0	4:45 PM	0	0	50	0	0	0	50
5:00 AM 5:15 AM	0	0		0	0	0	0 4	5:00 PM 5:15 PM	0	0	47 63	0	0	0	49 63
5:30 AM	0	0		0	0	0		5:30 PM	1	0	79	0	0	0	80
5:45 AM	0	0		0		0	2	5:45 PM	1	0	51	0	0	0	52
6:00 AM	0	0		0		0	1	6:00 PM	0	1	39	0	0	0	40
6:15 AM	0	0	8	0	0	0	8	6:15 PM	0	0	23	1	0	0	24
6:30 AM	0	0	2	0	0	0	2	6:30 PM	1	0	28	0	0	0	29
6:45 AM	0	0		0		0		6:45 PM	0	0	23	0	0	0	23
7:00 AM	0	0		0		0		7:00 PM	0	0	25	0	0	0	25
7:15 AM 7:30 AM	0	0		0	0	0	6 18	7:15 PM 7:30 PM	0	0	23 13	0	0	0	23 13
7:45 AM	0	0		0		0	20	7:45 PM	0	0	16	0	0	0	16
8:00 AM	0	0		1	0	0	28	8:00 PM	1	0	11	0	0	0	12
8:15 AM	0	0	17	1	0	0	18	8:15 PM	0	0	12	0	0	0	12
8:30 AM	0	0	32	0	0	0	32	8:30 PM	0	0	11	0	0	0	11
8:45 AM	0	0		0	0	0	27	8:45 PM	0	0	14	0	0	0	14
9:00 AM	0	0	_	0	0	0	16	9:00 PM	0	0	7	0	0	0	7
9:15 AM		0	~	0		· ·	_~	9:15 PM	0	0	10		-	×	10
9:30 AM 9:45 AM	0	0		0		0		9:30 PM 9:45 PM	0	0	11 9	0	0	0	11 9
10:00 AM	0	0		0		0		10:00 PM	0	0	15	1	0		16
10:15 AM	0	0		0		0		10:15 PM	0	0	9	0	0	0	9
10:30 AM	0	0	9	0	0	0	9	10:30 PM	0	0	5	0	0	0	5
10:45 AM	0	0		0		0		10:45 PM	0	0	5	0	0	_	5
11:00 AM	1	0		0		0		11:00 PM	0	0	8	0		0	8
11:15 AM	0	0		0		0		11:15 PM	0	0	2	0	0		3
11:30 AM 11:45 AM	0	0		0		0		11:30 PM 11:45 PM	0	0	1	0	0	0	1
AM Total	1			2 520/		0	386	PM Total	8	1	1087	8		0	1114
Percentage	0.26%	0.00%		0.52%		0.00%		Percentage	0.72%	0.09%	97.58%	0.72%		0.00%	
	10:15 AM			7:30 AM		12:00 AM		PM Peak	5:00 PM	5:15 PM	5:00 PM	3:45 PM		12:00 PM	5:00 PM
Volume	1	0	103	2	3	0	105	Volume	3	1	240	4	4	0	244
								Day Total	9	1	1463	10	17	0	1500
								Percentage	0.60%	0.07%	97.53%	0.67%	1.13%	0.00%	

PDI File # 239225 ATR-I

15 Madison Street
west of Holly Avenue
City, State: Cambridge, MA
Client: Toole Design/ M. Danila
Site Code: 00BOS.06085.07 Task 8



157 Washington Street, Suite 2 Hudson, MA 01749 Office: 508-875-0100 Fax: 508-875-0118

Direction: EB

Weekly Report

Day Date	Wedne 03/08	-	Thur 03/0	-											We Av	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	АМ	PM
12:00	0	22	1	19	0	0	0	0	0	0	0	0	0	0	1	21
12:15	0	13	1	12	0	0	0	0	0	0	0	0	0	0	1	13
12:30	1	17	0	13	0	0	0	0	0	0	0	0	0	0	1	15
12:45	2	29	1	15	0	0	0	0	0	0	0	0	0	0	2	22
1:00	1	20	1	18	0	0	0	0	0	0	0	0	0	0	1	19
1:15	0	16	1	12	0	0	0	0	0	0	0	0	0	0		14
1:30 1:45	0	14 12	0	15 18	0	0	0	0	0	0	0	0	0	0		15 15
2:00	0	29	0	17	0	0	0	0	0	0	0	0	0	0		23
2:15	0	29	1	26	0	0	0	0	0	0	0	0	0	0		28
2:30	0	23	0	22	0	0	0	0	0	0	0	0	0	0	0	23
2:45	0	33	0	35	0	0	0	0	0	0	0	0	0	0	0	34
3:00	1	20	1	29	0	0	0	0	0	0	0	0	0	0	1	25
3:15	0	28	2	33	0	0	0	0	0	0	0	0	0	0	1	31
3:30	0	39	0	43	0	0	0	0	0	0	0	0	0	0	0	41
3:45	0	51	1	40	0	0	0	0	0	0	0	0	0	0		46
4:00	0	47	0	40	0	0	0	0	0	0	0	0	0	0	0	44
4:15	1	34	1	44	0	0	0	0	0	0	0	0	0	0	1	39
4:30	0	48	0	41	0	0	0	0	0	0	0	0	0	0		45
4:45	2	43	0	50	0	0	0	0	0	0	0	0	0	0	1	47
5:00 5:15	0	62 52	0 4	49 63	0	0	0	0	0	0	0	0	0	0		56 58
5:30	1	54	2	80	0	0	0	0	0	0	0	0	0	0		67
5:45	1	56	2	52	0	0	0	0	0	0	0	0	0	0	2	54
6:00	2	54	1	40	0	0	0	0	0	0	0	0	0	0		47
6:15	4	47	8	24	0	0	0	0	0	0	0	0	0	0		36
6:30	5	29	2	29	0	0	0	0	0	0	0	0	0	0	4	29
6:45	4	16	8	23	0	0	0	0	0	0	0	0	0	0	6	20
7:00	7	22	8	25	0	0	0	0	0	0	0	0	0	0	8	24
7:15	9	18	6	23	0	0	0	0	0	0	0	0	0	0	8	21
7:30	13	13	18	13	0	0	0	0	0	0	0	0	0	0		13
7:45	12	15	20	16	0	0	0	0	0	0	0	0	0	0		16
8:00	29	15	28	12	0	0	0	0	0	0	0	0	0	0	29	14
8:15 8:30	34 24	16 13	18 32	12 11	0	0	0	0	0	0	0	0	0	0	26 28	14 12
8:45	31	19	27	14	0	0	0	0	0	0	0	0	0	0		17
9:00	22	13	16	7	0		_	0	0	0	-	0				10
9:15	23	8	13	10	0		0	0	0	0	0	0	0	0		9
9:30	7	6	11	11	0	0	0	0	0	0	0	0	0	0	9	9
9:45	23	10	24	9	0	0	0	0	0	0	0	0	0	0	24	10
10:00	14	4	15	16	0			0	0	0	0	0	0	0		10
10:15	16	4	19	9	0		0	0	0	0	0	0	0	0		7
10:30	18	6	9	5	0	_		0	0	0	0	0	0			6
10:45	16	7	20	5	0			0	0	0	0	0	0			6
11:00	11	2	20	8	0		0	0	0	0	0	0	0	0		5
11:15 11:30	16 17	6 1	20 9	3	0			0	0	0	0	0	0			4
11:45	17	2	15	1	0		_	0	0	0		0	0			2
																_
Total	386	1137	386		0		_	0	0	0		0				1126
Day Total	152	23	15	00	'	0)	C)	O)	· '	0	151	12
Peak HR	8:00 AM	5:00 PM	8:00 AM	5:00 PM											8:00 AM	5:00 PM
Volume	118	224		244											112	234
		1	•		I				I					ļ		- 1

15 Madison Street
west of Holly Avenue

City, State: Cambridge, MA

Client: Toole Design/ M. Danila Site Code: 00BOS.06085.07 Task 8

95th Percentile:

26.0 MPH

Percent in Pace:



157 Washington Street, Suite 2 Hudson, MA 01749 Office: 508-875-0100 Fax: 508-875-0118 PDI File #: 239225 ATR-I (Speed)

Count Date Wednesday, March 8, 2023

Speed (60-minute)

							opecu	EB	<u>,</u>							
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed
12:00 AM	0	0	1	0	0	2	1	0	0	0	0	0	0	4	22.2	18.5
1:00 AM	0	0	0	1	0	1	1	0	0	0	0	0	0	3	21.8	19.0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
3:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	19.0	19.0
4:00 AM	0	0	0	0	2	1	0	0	0	0	0	0	0	3	18.7	17.7
5:00 AM	0	0	0	2	0	1	1	0	0	0	0	0	0	4	21.8	17.3
6:00 AM	0	0	1	2	4	3	4	3	0	0	0	0	0	17	24.6	19.9
7:00 AM	0	0	2	5	12	15	6	5	2	0	0	0	0	47	24.1	19.6
8:00 AM	3	0	1	17	29	36	27	11	0	0	0	0	0	124	23.0	19.3
9:00 AM	0	1	3	7	19	26	17	3	2	1	0	0	0	79	23.0	19.4
10:00 AM	0	0	1	4	13	23	16	6	0	0	0	0	0	63	23.7	20.0
11:00 AM	1	0	5	12	10	25	9	4	0	0	0	0	0	66	22.3	18.3
12:00 PM	0	1	5	12	19	17	22	4	0	0	0	0	0	80	23.0	18.8
1:00 PM	3	5	5	9	17	20	7	2	1	2	0	0	0	71	22.0	17.3
2:00 PM	1	4	10	18	26	35	17	3	1	0	0	0	0	115	22.0	17.8
3:00 PM	2	0	1	12	43	32	28	12	2	1	0	0	0	133	24.0	19.7
4:00 PM	2	1	7	11	39	55	42	10	1	2	0	0	0	170	23.0	19.6
5:00 PM	1	1	4	14	45	69	36	18	7	1	0	0	0	196	24.0	20.0
6:00 PM	0	3	2	14	36	45	27	11	3	1	0	0	0	142	23.0	19.5
7:00 PM	0	0	1	7	23	17	17	6	1	0	0	0	0	72	23.0	19.7
8:00 PM	1	0	0	6	17	14	17	3	2	0	0	0	0	60	23.0	19.7
9:00 PM	0	1	0	6	7	14	7	3	0	0	0	0	0	38	23.0	19.2
10:00 PM	0	1	1	2	7	2	6	2	1	1	0	0	0	23	26.1	20.1
11:00 PM	0	0	0	0	4	3	6	0	0	0	0	0	0	13	23.2	20.5
Total	14	18	50	161	372	457	314	106	23	9	0	0	0	1524	23.0	19.3
Percent	0.92%	1.18%	3.28%	10.56%	24.41%	29.99%	20.60%	6.96%	1.51%	0.59%	0.00%	0.00%	0.00%			
AM Peak	8:00 AM	9:00 AM	11:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	7:00 AM	9:00 AM				8:00 AM		
Volume	3	1	5	17	29	36	27	11	2	1	0	0	0	124		
PM Peak	1:00 PM	1:00 PM	2:00 PM	2:00 PM	5:00 PM	5:00 PM	4:00 PM	5:00 PM	5:00 PM	1:00 PM				5:00 PM		
Volume	3	5	10	18	45	69	42	18	7	2	0	0	0	196		
	15th Dave		15.0	MADII		A		10.3	MADIL		D+ C -	a a d 1 i a 2 i		20	MPH	
	15th Perce 50th Perce		15.0 19.0			Average Speed: 19.3 MPH					•					
	85th Perce		23.0			10 MPH Pace: 15 to 24 MPH Number in Pace: 1218						Number of Vehicles > 20 MPH: Percent of Vehicles > 20 MPH:				

79.9%

15 Madison Street
west of Holly Avenue

City, State: Cambridge, MA

Client: Toole Design/ M. Danila Site Code: 00BOS.06085.07 Task 8

95th Percentile:

26.0 MPH

Percent in Pace:

78.7%



PDI File #: 239225 ATR-I (Speed)

Count Date Thursday, March 9, 2023

Speed (60-minute)

							ороси	EB										
Start Time:	0 to 6	7 to 9	10 to 12	13 to 15	16 to 18	19 to 21	22 to 24	25 to 27	28 to 30	31 to 33	34 to 36	37 to 39	40+	Total	85th %ile	Ave Speed		
12:00 AM	0	0	0	1	1	1	0	0	0	0	0	0	0	3	18.7	17.3		
1:00 AM	0	0	0	0	0	0	2	0	0	0	0	0	0	2	22.0	22.0		
2:00 AM	0	0	0	0	0	0	0	1	0	0	0	0	0	1	26.0	26.0		
3:00 AM	0	0	1	0	1	1	0	1	0	0	0	0	0	4	22.9	17.8		
4:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	28.0	28.0		
5:00 AM	0	0	0	1	1	4	3	0	0	0	0	0	0	9	22.8	19.9		
6:00 AM	0	0	0	1	1	11	4	1	0	0	0	0	0	18	24.0	20.6		
7:00 AM	0	0	0	7	11	14	13	7	0	0	0	0	0	52	24.0	20.1		
8:00 AM	2	0	4	14	25	35	23	7	1	2	0	0	0	113	23.0	19.1		
9:00 AM	1	2	3	11	17	22	11	5	0	1	0	0	0	73	23.0	18.5		
10:00 AM	0	0	1	14	11	18	14	5	0	0	0	0	0	63	23.0	19.2		
11:00 AM	0	1	6	5	12	28	6	2	1	0	1	0	0	62	21.9	18.8		
12:00 PM	0	1	7	9	10	19	15	2	1	0	0	0	0	64	23.0	18.6		
1:00 PM	0	0	3	9	14	17	18	3	1	0	0	0	0	65	23.0	19.3		
2:00 PM	3	1	3	11	29	28	21	4	1	0	0	0	0	101	23.0	18.7		
3:00 PM	3	5	5	10	31	47	28	16	0	1	0	0	0	146	24.0	19.3		
4:00 PM	2	2	5	17	49	53	31	12	1	0	1	0	0	173	23.0	19.0		
5:00 PM	1	4	10	21	60	77	46	13	0	3	0	0	0	235	23.0	19.1		
6:00 PM	0	1	5	9	21	42	26	7	2	0	1	0	0	114	23.0	19.7		
7:00 PM	3	1	4	12	16	18	11	5	3	0	0	0	0	73	23.2	18.4		
8:00 PM	0	0	3	1	9	20	12	5	1	0	0	0	0	51	23.0	20.2		
9:00 PM	0	0	3	3	13	8	7	4	2	0	0	0	0	40	24.3	19.4		
10:00 PM	0	2	7	5	12	11	5	2	0	0	0	0	0	44	21.6	17.2		
11:00 PM	0	1	1	1	4	7	5	1	0	0	0	0	0	20	23.0	19.2		
Total	15	21	71	162	348	481	301	103	15	7	3	0	0	1527	23.0	19.1		
Percent	0.98%	1.38%	4.65%	10.61%	22.79%	31.50%	19.71%	6.75%	0.98%	0.46%	0.20%	0.00%	0.00%					
AM Peak	8:00 AM	9:00 AM	11:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	7:00 AM	4:00 AM	8:00 AM	11:00 AM			8:00 AM				
Volume	2	2	6	14	25	35	23	7	1	2	1	0	0	113				
PM Peak	2:00 PM	3:00 PM	5:00 PM	5:00 PM	5:00 PM	5:00 PM	5:00 PM	3:00 PM	7:00 PM	5:00 PM	4:00 PM			5:00 PM				
Volume	3	5	10	21	60	77	46	16	3	3	1	0	0	235				
	15th Perce	antilo:	15.0	МДН		Average S	naad:	10 1	MDH		Posted Sn	aad Limit:		20	МДН			
	50th Perce					Average Speed: 19.1 MPH 10 MPH Pace: 15 to 24 MPH					Posted Speed Limit: Number of Vehicles > 20 MPH:					20 MPH 582		
50th Percentile: 19.0 MPH 85th Percentile: 23.0 MPH				Number in Pace: 1201					Percent o		38.1%							