



McMAHON ASSOCIATES
350 Myles Standish Boulevard, Suite 103
Taunton, MA 02780
p 508-823-2245 | f 508-823-2246

PRINCIPALS

Joseph W. McMahon, P.E.
Joseph J. DeSantis, P.E., PTOE
John S. DePalma
William T. Steffens
Casey A. Moore, P.E.
Gary R. McNaughton, P.E., PTOE

ASSOCIATES

John J. Mitchell, P.E.
Christopher J. Williams, P.E.
R. Trent Ebersole, P.E.
Matthew M. Kozsuch, P.E.
Maureen Chlebek, P.E., PTOE
Dean A. Carr, P.E.

November 7, 2018

Jeff Ritter
Town Administrator
Town of Holliston
703 Washington Street
Holliston, MA 01746

**RE: Post Construction Traffic Analysis
Washington Street Signals Project
Holliston, MA**

Dear Mr. Ritter,

At the request of the Town of Holliston, McMahon Associates has conducted a post construction traffic analysis for the Washington Street Signal project. The focus of the study is to compare traffic volumes before and after the construction of the Washington Street (Route 16/126) traffic signal system on roadways that could serve as potential cut-through routes to avoid the new signals, particularly in the Mudville neighborhood. The purpose of this memorandum is to present the findings of the traffic volume comparison, and to identify potential mitigation measures, if needed, in response to the potential increase in traffic on local roadways.

Study Area

The recent corridor improvements that were completed on Washington Street include the signalization of Washington Street at Hollis Street, Washington Street at Central Street, and Washington Street at Green Street/Exchange Street intersections. Recognizing that the installation of the new traffic signals could potentially alter travel patterns on the surrounding street network, specific routes were reviewed. For vehicles traveling south, redistributed traffic may utilize Linden Street to connect to Union Street, where they would then be able to continue traveling south on Washington via the Mudville neighborhood local streets. For vehicles traveling north, School Street, Spring Street or Pleasant Street may carry redistributed traffic as they all connect Washington Street to Union Street, as shown in Figure 1.

School Street, Spring Street and Pleasant Street are all part of the Mudville neighborhood, providing access to multiple single-family residential homes. These local streets currently operate as two-way streets measuring approximately 20-feet in width with no pavement markings. These local roadways provide access to Washington Street, carrying pedestrian traffic from adjacent neighborhoods to

downtown Holliston. Sidewalks along School Street are a mix of bituminous and cement concrete, and are provided on the southern side of the roadway between Washington Street and Mechanic Street and on both sides of the roadway between Mechanic Street and Union Street. A cement concrete sidewalk is provided along the northern side of Spring Street from Washington Street to Mechanic Street. A bituminous sidewalk is provided along the south side of Pleasant Street; however, due to a lack of curb reveal this appears as an extension of the roadway and is frequently used for parking. Utility poles demarcate the edge of the sidewalk. Neighborhood sidewalks vary from 3 to 5 feet in width and are in generally poor condition.

Traffic Volumes

Traffic volumes were collected before and after construction of the intersection improvements project to assess the resultant traffic patterns. Traffic volume counts were collected in December of 2016, prior to the installation of the traffic signal system, and in October of 2018, after the construction was completed and people have become acclimated to the new traffic pattern. Manual Turning Movement Counts (MTMC) were collected at the intersections of Central Street at Union Street/Plaza Driveway, and Linden Street at Woodland Street/Railroad Street on Wednesday, December 21, 2016 and Wednesday, October 17, 2018 for an eleven-hour period from 7:00 AM to 6:00 PM. A complete set of the MTMC data can be found attached. Based on traffic volumes data, the peak hour of adjacent street traffic occurs between 7:15 AM and 8:15 AM during the weekday morning, and between 2:45 PM and 3:45 PM during the weekday afternoon. These peak hours align with the arrival and dismissal times of the nearby Holliston public Robert Adams Middle School and Sam Placentino Elementary School.

In order to account for seasonal traffic volume variation in this area, traffic data collected from a nearby MassDOT continuous count station located west of the study area on Interstate 495 was reviewed. Based on the data provided, traffic volumes collected in the month of December are lower than an average month, and traffic volumes collected in October are higher than an average month in this area. In order to compare the traffic volumes collected prior to construction to those collected after construction, the December and October traffic volumes both were adjusted upward and downward, respectively, to represent an average month. The peak hourly traffic flows prior and post construction are depicted in Figures 2 and 3 for the weekday morning and weekday afternoon peak hours, respectively.

Additionally, Automatic Traffic Recorder (ATR) data, including traffic volumes and speeds, were collected for 48-hours on three local streets within the Mudville neighborhood. ATR data was collected on School Street, Spring Street, and Pleasant Street on Tuesday, December 20, 2016 and Wednesday, December 21, 2016 prior to construction, and again on Tuesday, October 16, 2018 and Wednesday, October 17, 2018 after the construction was completed. The results of the counts are tabulated in 15-minute periods and are attached. The traffic speed data collected as part of the ATR will be utilized by the Holliston Police Department in assessing the traffic speeds along these streets. The ATR peak hourly traffic flows are summarized in Table 1 below, before and after construction. The ATR data revealed the following percentages of heavy vehicles: 0% westbound (WB) and 1% eastbound (EB) on

School Street, 5.4% WB and 0% EB on Spring Street, and 1.5% WB and 1.8% EB on Pleasant Street. The volume of heavy vehicles traveling through Mudville is low.

Table 1: ATR Summary

	2016 - Prior to Construction			2018 - Post Construction		
	<u>ADT¹</u>	<u>(7:15AM to 8:15AM)</u>	<u>(2:45PM to 3:45PM)</u>	<u>ADT¹</u>	<u>(7:15AM to 8:15AM)</u>	<u>(2:45PM to 3:45PM)</u>
School Street						
<u>East of Washington Street</u>						
Eastbound	196	11	13	306	11	28
Westbound	<u>424</u>	<u>34</u>	<u>47</u>	<u>327</u>	<u>24</u>	<u>31</u>
TOTAL	620	45	60	633	35	59
Spring Street						
<u>East of Washington Street</u>						
Eastbound	39	4	3	115	9	17
Westbound	<u>55</u>	<u>3</u>	<u>3</u>	<u>35</u>	<u>1</u>	<u>2</u>
TOTAL	94	7	6	150	10	19
Pleasant Street						
<u>East of Washington Street</u>						
Eastbound	207	28	23	603	88	56
Westbound	<u>515</u>	<u>40</u>	<u>69</u>	<u>492</u>	<u>31</u>	<u>63</u>
TOTAL	722	68	92	1,095	119	119

¹ ADT - Average Daily Traffic (Vehicles per Day)

Travel Redistribution Analysis

The TMCs as well as the ATR data presented in Table 1 was utilized to complete a comparison of the collected traffic counts prior to and post construction, specifically to analyze traffic volume changes along the identified study area routes. Based on the identified routes, increases in EB traffic on Linden Street at Woodland Street/Railroad Street, as well as WB traffic turning onto Union Street at the intersection of Central Street at Union Street/Plaza Driveway would be indicative of vehicles utilizing these local roadways as an alternative route to traveling south on Washington Street.

An increase in EB traffic volumes along the Mudville neighborhood streets, as well as an increase in northbound (NB) traffic at the intersection of Central Street at Union Street/Plaza Driveway would be indicative of a redistribution of vehicles traveling north. The changes in traffic volumes at the study area intersection movements are shown below in Table 2. The changes in traffic volumes at each study area intersections can be found in the attached Traffic Projection Model.

Table 2: Study Area Routes Count Comparison

Intersection	Movement	2016- Prior to Construction		2018-Post Construction		Comparison	
	Dir. Turn	AM	PM	AM	PM	AM	PM
Woodland Street/ RR Street at Linden Street	EB R	78	58	40	71	-38	+13
	NB L	28	6	20	5	-8	-1
Central Street at Union Street/ Plaza Driveway	NB L	0	11	8	8	+8	-3
	T	1	3	1	3	0	0
	R	27	16	78	61	+51	+45
School Street	EB T	11	13	11	28	0	+15
	WB T	34	47	24	31	-10	-16
Spring Street	EB T	4	3	9	17	+5	+14
	WB T	3	3	1	2	-2	-1
Pleasant Street	EB T	28	23	88	56	+60	+33
	WB T	40	69	31	63	-9	-6

As shown in Table 2, the EB right, and NB left turning movements at the intersection of Woodland Street/Railroad Street at Linden Street mainly experienced a slight decrease in traffic volumes post construction. Although these volume changes are minor and would be expected to occur on a day-to-day basis, they indicate that the redistribution of southbound (SB) traffic to local roadways such as Union Street via Linden Street, due to the Washington Street corridor project, are negligible.

The traffic volumes also indicate a slight decrease in WB traffic along School Street, Spring Street, and Pleasant Street, which suggests that traffic ultimately traveling south has rerouted. Previously, to avoid the extensive delays to take a left turn onto Washington Street from Central Street, vehicles used these roadways as a cut-through to access Washington Street. With the signalization of this intersection, WB traffic delays have been reduced, and vehicles are able to turn left to travel SB on Washington Street more safely.

Changes in the NB right turn movement at the intersection of Central Street at Union Street/Plaza Driveway, as well as the EB movements along School Street, Spring Street, and Pleasant Street, may indicate a redistribution of NB traffic for vehicles accessing Central Street. As shown in Table 2, the movements along this identified route are expected to increase during both the weekday morning and weekday afternoon peak hour. The increase in traffic along these local roadways is shown to be minor, with the largest change occurring on Pleasant Street with an increase of approximately one vehicle every minute during the weekday morning peak hour, and one vehicle every two minutes during the weekday afternoon peak hour. At the Washington Street/Central Street intersection, the volume of traffic that traveled NB on Washington Street and turned right onto Central Street was in the range of 150-200 vehicles per hour during the morning and afternoon peak hours, prior to construction.

Approximately 20% to 30% of this right turn movement has re-routed through the Mudville neighborhood in post construction conditions. However, the slight traffic increases along School Street and Spring Street are negligible. Overall, the redistribution of traffic along these local roadways as a result of the Washington Street Corridor Improvements is minor, and does not affect traffic operations along these roadways due to the low volume of traffic carried along this route. Even with the small volume of redistributed traffic, the local roadways in Mudville are carrying traffic volumes well below their capacity.

Prior to the installation of the traffic signal system, School Street, Spring Street, and Pleasant Street had ADT volumes of fewer than 800 vehicles per day (vpd). Based on information provided by the MassDOT roadway inventory map, the average ADT for local streets in the area is approximately 1,150 vpd. Even with the additional cut through traffic, the ADT along these local roadways is consistent with other local residential roadways in the area.

Capacity Analysis

Intersection capacity analyses were conducted for the intersections of Central Street at Union Street/Plaza Driveway, and Linden Street at Woodland Street/Railroad Street to evaluate traffic operations prior to and post construction. Based on the analysis, the network peak hour of the adjacent street traffic occurs between 7:15 AM and 8:15 AM for the weekday morning, and 2:45 PM and 3:45 PM for the weekday afternoon, which coincides with arrival and dismissal times at the nearby schools.

The capacity analysis results for the 2016 and 2018 conditions are attached and are summarized in Table 3 below.

Table 3: Capacity Analysis Results

Intersection	Approach	Existing 2016						Build 2018					
		Weekday AM			Weekday PM			Weekday AM			Weekday PM		
		LOS ¹	Delay ²	V/C ³	LOS	Delay	V/C	LOS	Delay	V/C	LOS	Delay	V/C
Central Street at	EB LTR	A	0.3	0.02	A	0.1	0.01	A	0.2	0.01	A	0.2	0.01
Union Street/Plaza Driveway	WB LTR	A	1.9	0.09	A	2.7	0.11	A	1.5	0.04	A	2	0.07
	NB LTR	B	12.8	0.07	C	18.0	0.13	B	11.0	0.17	B	11.8	0.18
	SB LTR	C	19.7	0.11	C	17.0	0.05	B	13.0	0.04	B	14.1	0.07
Woodland Street/RR Street at	EB LR	F	155.4	1.18	D	29.0	0.48	D	26.2	0.46	C	20.3	0.38
Linden Street	NB LT	A	0.3	0.03	A	0.2	0.01	A	0.3	0.02	A	0.2	0.01
	SB TR	A	0	0.00	A	0.0	0.00	A	0.0	0.00	A	0	0.00

1 Level-of-Service

2 Average vehicle delay in seconds

3 Volume to capacity ratio

n/a Not Applicable

As shown in the capacity analysis results, the stop-controlled NB approach at the unsignalized intersection of Central Street at Union Street/Plaza Driveway is shown to have operated at LOS C during both the weekday morning and weekday afternoon peak hours in 2016 prior to the installation of the Washington Street traffic signals. After construction, despite the increase in volumes, this movement is shown to operate at LOS B during both peak hours with reduced delays. This improvement in operations, despite the traffic volume increase in the NB directions, is likely due to the decrease in opposing traffic along Central Street.

The stop controlled EB approach at the intersection of Woodland Street/Railroad Street at Linden Street is shown to have operated at LOS F during the weekday morning and LOS D during the weekday afternoon peak hours in 2016. With the traffic signals in place, and the associated redistribution of traffic, this movement is shown to operate at LOS D during the weekday morning peak hour and LOS C during the weekday afternoon peak hour.

Speed Data

Speed data was collected in both the EB and WB directions for a 48-hour period along Summer Street, Spring Street and Pleasant Street. The speed data was collected after the completion of construction on Tuesday, October 16, 2018 and Wednesday, October 17, 2018. It should be noted that no speed data was collected prior to construction, and that the speed data results are not being analyzed as part of the post-construction traffic analysis, but will be used by the Holliston Police Department in assessing the existing speeds along these roadways. A summary of the existing speeds is presented in Table 4 below indicating the measured 85th percentile speeds along these local roadways. This is a representation of the speed at or below which 85 percent of all vehicles travel along these streets. Additional information on the travel speeds is shown on the ATR report in the appendix.

Table 4: Speed Data Summary

	<u>85th Percentile</u>
	<u>Speed (mph)</u>
School Street	
<u>East of Washington Street</u>	
Easbound	25
Westbound	<u>27</u>
TOTAL	26
Spring Street	
<u>East of Washington Street</u>	
Easbound	27
Westbound	<u>23</u>
TOTAL	25
Pleasant Street	
<u>East of Washington Street</u>	
Easbound	28
Westbound	<u>27</u>
TOTAL	28

Traffic Mitigation

The comparison of traffic volumes pre- and post-construction does not reveal major shifts in travel patterns in the study area. The traffic data shows no evidence of Washington Street SB traffic re-routing to local roadways. The count data shows a small volume of Washington Street NB traffic re-routing to local roadways to access Central Street. However, the resultant traffic volumes remain low on the local roadways and the minor increase in traffic does not adversely impact traffic operations in the study area. Traffic mitigation is not warranted on the basis of re-routed traffic. However, the local roadways, particularly in Mudville, are narrow, the roadway edges are not clearly defined, and the residential structures are located in close proximity to the roadways. Given these conditions, traffic mitigation in Mudville could be considered to control travel speeds, address turn radii at intersections, and to provide a safe travel environment for pedestrians, cyclists and motorists.

Traffic calming measures are often considered to encourage reduced vehicle speeds and potentially reduce traffic flow along local roadways. These techniques can make it inconvenient for motorists to use the roadways as a shortcut. Traffic calming measures typically include techniques that fall under one of the following groups; vertical deflection, horizontal deflection, road narrowing, volume control, or non-physical measures. Due to the existing narrow roadway width on the study area streets, the horizontal deflection and roadway narrowing techniques may not be appropriate. To improve travel

conditions along the Mudville neighborhood roadways for all users, the following short-term mitigation measures may be considered by the Town of Holliston;

- Install pavement structures (speed bumps or speed humps) in an attempt to decrease vehicle speeds.
- Consider making Pleasant Street and potentially School Street one-way roadways WB. This will restrict cut-through traffic north on Washington Street, making them more likely to access areas to the west via the signalized intersections. Pleasant and School both extend all the way to Union Street, which connects directly to Central. Spring Street does not go through to Union Street, instead ending at Mechanic Street, which does not link directly to Central, making it a less desirable cut through route. Leaving Spring Street two way would allow local access into the neighborhood from Washington Street.
- Add striping to the local roadways to encourage lower speeds. It should be noted that since these roadways are quite narrow (including Union Street), striping to include shoulders will likely result in less than 10-foot travel lanes.
- Add speed feedback signage to increase driver's awareness of their current speed and encourage them to adjust their speed as necessary based on the posted speed limit.

In the longer term, the Town is currently planning a project involving underground utilities in this area, which will also include installation of sidewalks and vertical granite curb along the study area streets. The associated visual narrowing of the roadway and presence of the "hard edge" provided by curb (with appropriate reveal) may serve to reduce vehicle speeds and discourage neighborhood cut through traffic. As noted previously, there are currently sections of Pleasant Street and Union Street where minimal curb reveal and bituminous asphalt sidewalk currently gives the impression of a wider roadway, which can encourage higher speeds. The sidewalks and curbing will improve conditions for pedestrians. Increased corner radii should be evaluated as part of the long-term improvements. When this project is implemented, the short-term measures put into place previously can be re-evaluated, and either enhanced, reinstated, or removed based on effectiveness and community sentiment.

Conclusion

The comparison of traffic volumes indicates that traffic along the Mudville neighborhood streets for vehicles traveling NB has increased since the installation of the traffic signal system along the Washington Street corridor. However, traffic volumes for vehicles traveling SB has decreased, as vehicles traveling WB on Central Street have likely rerouted to the signalized intersection to turn left onto Washington Street, a movement that previously experienced long delays and may have resulted in WB cut-through traffic through the Mudville neighborhood. The ADT along the local Mudville neighborhood streets remains low (less than 1,100 vpd), even with the re-routed traffic. The redistribution of this traffic has not had an impact on the traffic operations of the street system.

To address the existing deficiencies of the local roadways in Mudville, we recommend consideration of the above started short-term measures. In the long term, potential installation of curb and sidewalk

associated with an upcoming Town project will go a long way toward changing the character of the roadway and providing more of a neighborhood feel that should further reduce traffic speeds and discourage usage of the roadways as a cut through.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. Smith', with a stylized flourish at the end.

Robert A. Smith, P.E.
Senior Project Manager

Attachments:

Figures

Manual Turning Movement Counts

Automatic Traffic Recorder Data

Seasonal Adjustment Data

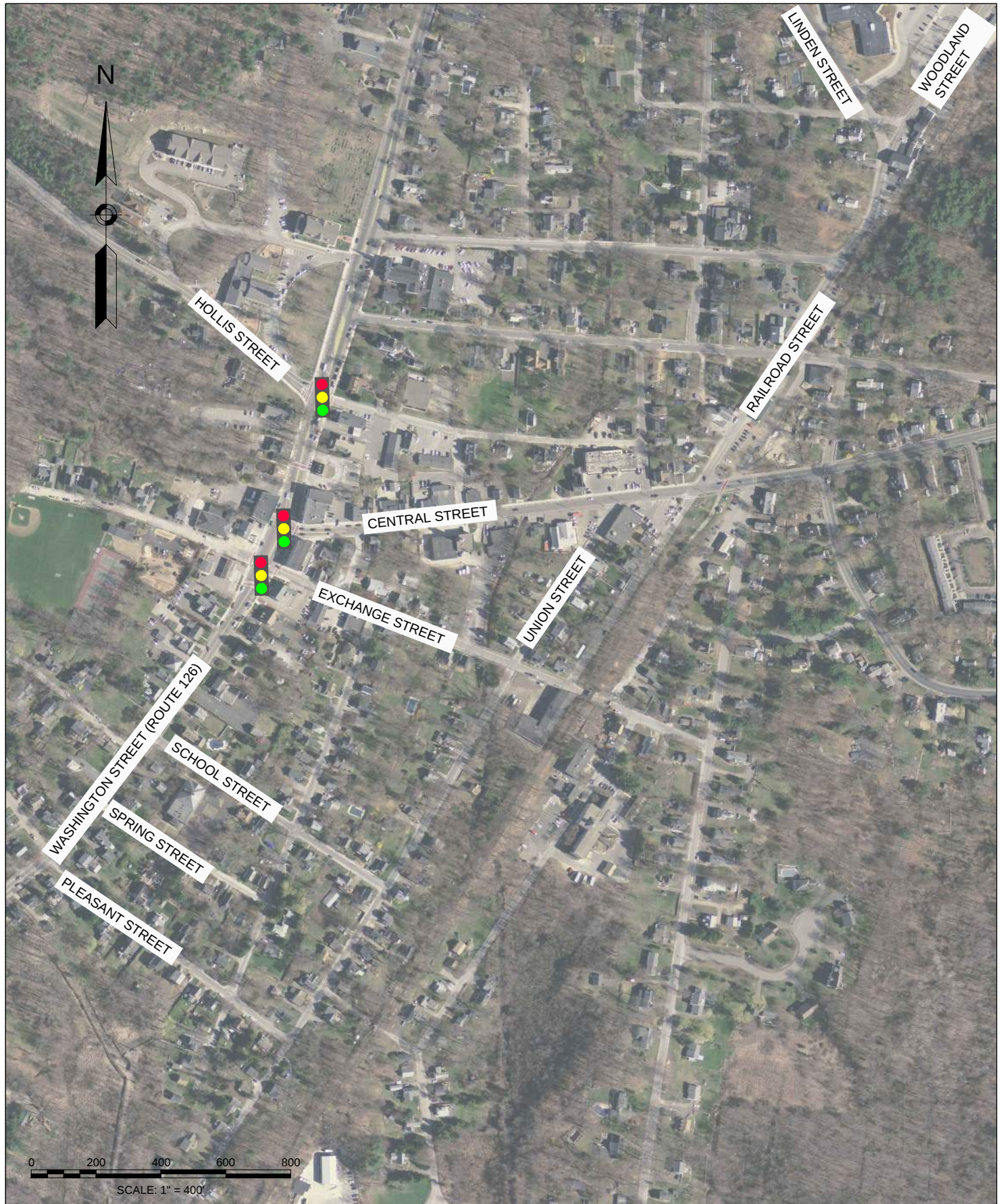


Figure 1
Project Location
Traffic Redistribution Analysis
Holliston, MA

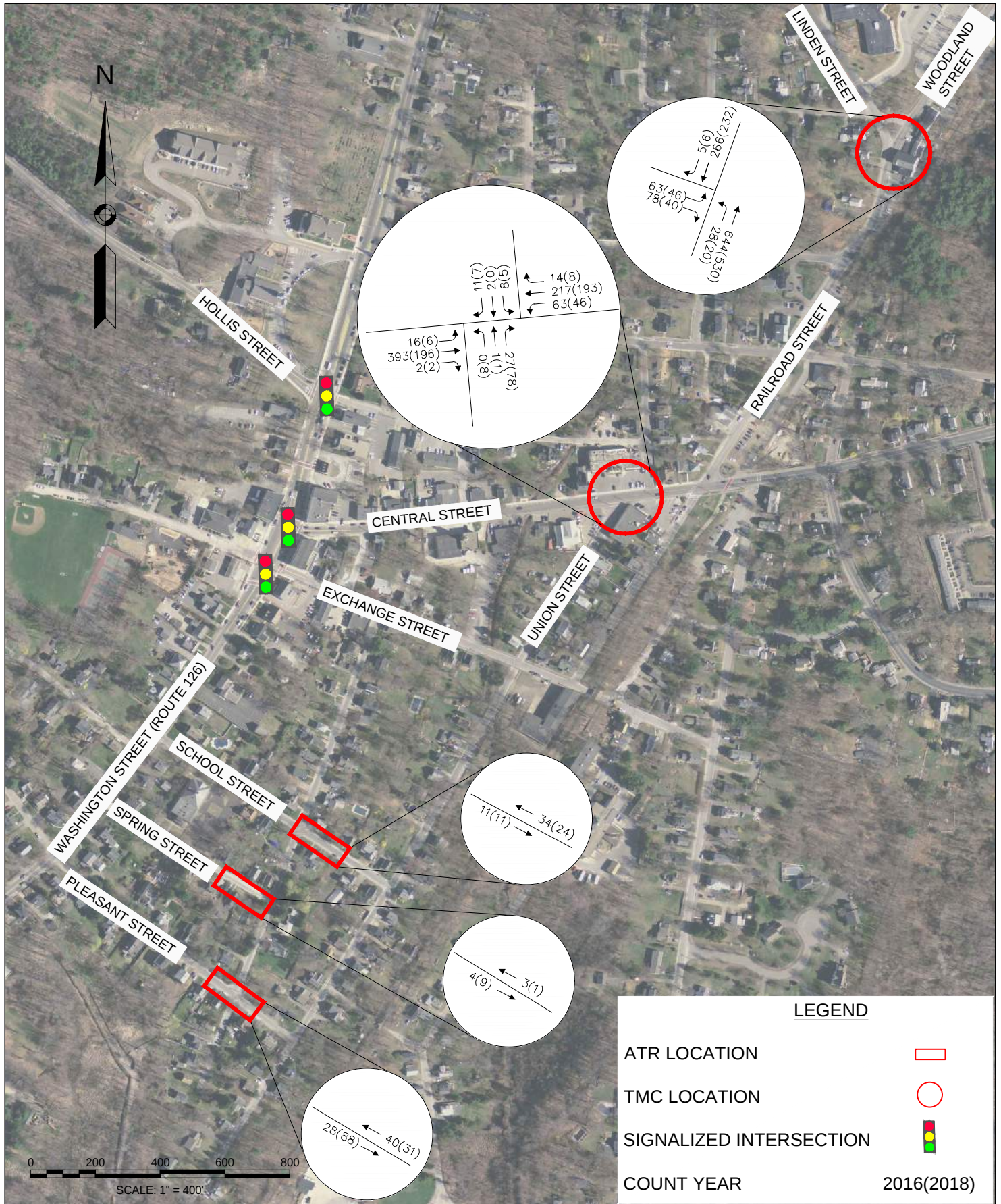


Figure 2
 Weekday AM Peak Hour Volumes
 Traffic Redistribution Analysis
 Holliston, MA

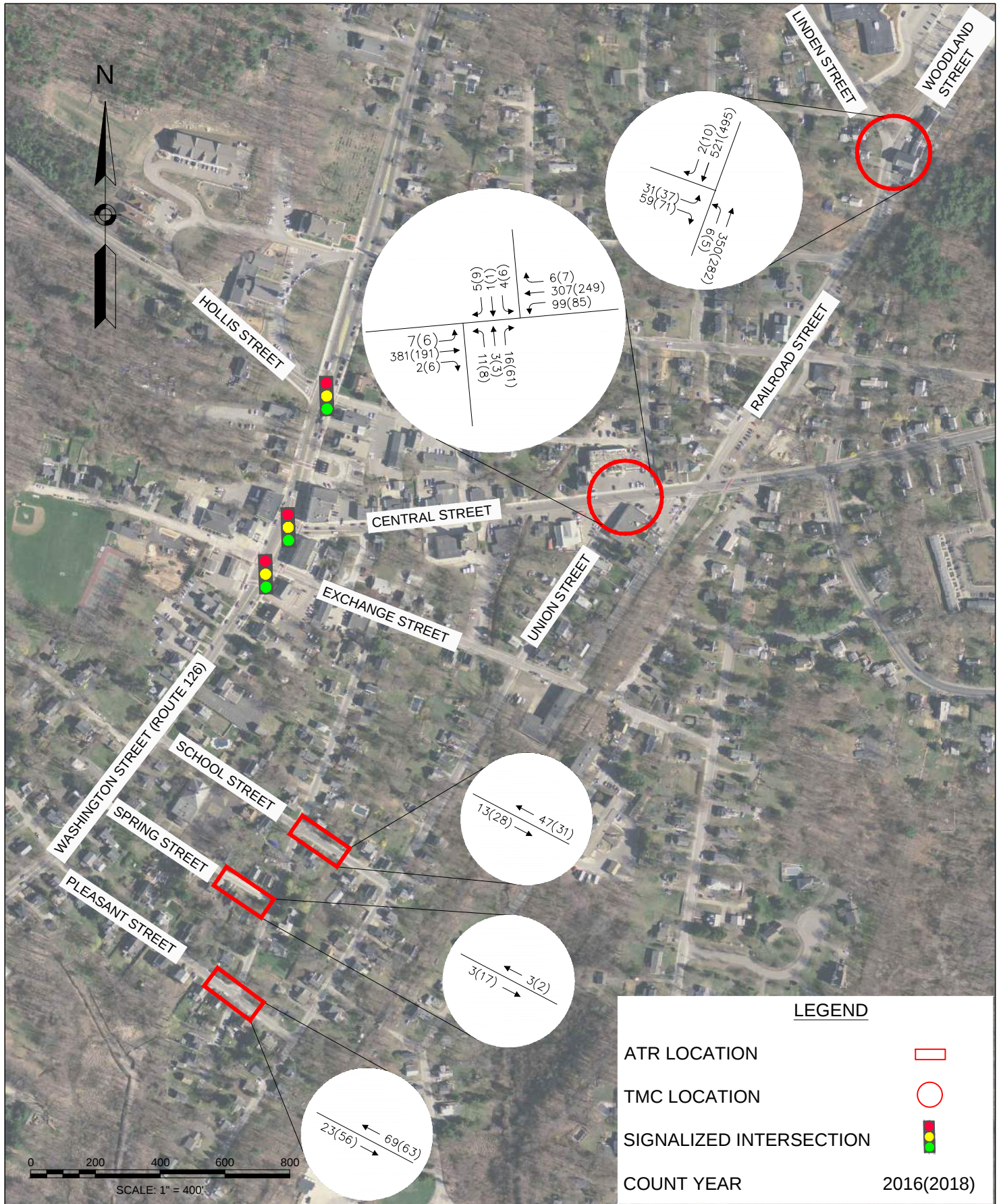


Figure 3
 Weekday PM Peak Hour Volumes
 Traffic Redistribution Analysis
 Holliston, MA

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	3	0	1	0	1	53	7	0	3	0	0	1	0	74	5	0	148
07:15 AM	5	0	3	1	6	67	24	0	5	0	0	0	1	127	5	1	245
07:30 AM	3	1	1	0	2	41	11	0	7	1	0	0	1	74	6	1	149
07:45 AM	2	1	2	0	2	45	10	0	6	0	0	0	0	95	2	0	165
Total	13	2	7	1	11	206	52	0	21	1	0	1	2	370	18	2	707
08:00 AM	1	0	2	2	4	49	14	0	7	0	0	0	0	70	3	0	152
08:15 AM	4	0	0	0	2	49	3	0	7	1	1	0	0	46	1	0	114
08:30 AM	5	2	2	0	2	60	7	0	6	0	1	0	0	76	4	0	165
08:45 AM	3	0	0	0	0	53	17	0	3	1	3	1	0	79	2	0	162
Total	13	2	4	2	8	211	41	0	23	2	5	1	0	271	10	0	593
09:00 AM	2	0	1	0	2	39	8	0	3	0	0	0	0	60	1	1	117
09:15 AM	3	0	1	1	7	46	4	0	1	0	0	0	1	53	3	0	120
09:30 AM	2	0	2	0	1	51	9	1	2	0	3	0	0	44	2	0	117
09:45 AM	2	1	0	0	3	54	7	0	1	0	2	0	0	49	3	0	122
Total	9	1	4	1	13	190	28	1	7	0	5	0	1	206	9	1	476
10:00 AM	5	1	2	0	2	63	2	0	7	0	3	0	0	51	1	0	137
10:15 AM	0	0	0	0	2	47	2	0	2	0	0	0	0	56	6	0	115
10:30 AM	3	0	2	1	0	45	5	3	4	0	0	1	1	45	2	0	112
10:45 AM	3	0	1	1	1	40	4	0	3	0	1	0	0	54	1	0	109
Total	11	1	5	2	5	195	13	3	16	0	4	1	1	206	10	0	473
11:00 AM	1	0	0	1	0	52	4	0	6	0	2	0	1	60	0	0	127
11:15 AM	1	0	0	0	0	48	7	0	2	0	1	1	0	50	0	0	110
11:30 AM	1	1	0	3	0	60	8	0	4	2	3	0	2	55	1	0	140
11:45 AM	3	0	3	0	2	45	13	0	4	0	4	1	3	59	0	0	137
Total	6	1	3	4	2	205	32	0	16	2	10	2	6	224	1	0	514
12:00 PM	3	0	1	0	1	59	9	1	2	0	0	0	1	53	2	0	132
12:15 PM	1	0	2	0	3	53	6	0	1	1	1	0	2	66	4	0	140
12:30 PM	4	0	2	0	2	46	6	0	2	0	2	0	1	52	2	0	119
12:45 PM	5	0	3	0	3	47	5	1	2	1	0	2	0	46	1	0	116
Total	13	0	8	0	9	205	26	2	7	2	3	2	4	217	9	0	507
01:00 PM	2	0	0	0	0	45	3	0	2	0	5	2	0	60	1	0	120
01:15 PM	3	0	1	1	2	52	4	1	2	0	0	2	1	70	0	0	139
01:30 PM	3	1	2	0	1	62	7	3	4	0	1	0	0	62	0	0	146
01:45 PM	0	0	3	1	3	53	13	5	2	0	1	1	1	82	3	0	168
Total	8	1	6	2	6	212	27	9	10	0	7	5	2	274	4	0	573
02:00 PM	0	0	0	0	0	51	9	0	4	0	0	5	0	73	1	1	144
02:15 PM	1	1	0	0	0	53	9	0	3	0	3	2	0	69	1	0	142
02:30 PM	0	1	0	0	2	64	15	0	7	0	0	2	4	75	1	0	171
02:45 PM	2	0	1	0	0	58	14	0	4	1	3	2	0	80	1	0	166
Total	3	2	1	0	2	226	47	0	18	1	6	11	4	297	4	1	623
03:00 PM	0	0	1	0	1	71	23	0	6	1	3	0	0	106	2	0	214
03:15 PM	1	1	2	0	0	80	18	0	2	0	2	0	0	92	4	0	202
03:30 PM	2	0	0	0	5	77	37	0	3	1	2	1	2	76	0	0	206
03:45 PM	0	0	2	0	1	60	16	2	3	1	5	2	1	57	2	0	152
Total	3	1	5	0	7	288	94	2	14	3	12	3	3	331	8	0	774
04:00 PM	1	0	0	3	2	71	11	0	5	0	0	0	0	73	3	0	169
04:15 PM	3	0	3	0	3	56	9	0	2	0	0	2	1	60	1	0	140
04:30 PM	0	0	2	0	1	59	13	1	5	0	0	0	4	68	3	0	156
04:45 PM	2	0	2	0	3	52	19	1	2	0	2	0	0	99	2	1	185
Total	6	0	7	3	9	238	52	2	14	0	2	2	5	300	9	1	650

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
05:00 PM	1	1	4	0	1	58	15	0	7	0	0	0	3	78	3	0	171
05:15 PM	4	1	1	0	0	67	18	0	2	0	0	0	1	56	2	2	154
05:30 PM	7	0	0	0	0	81	10	1	3	1	2	1	5	94	1	0	206
05:45 PM	0	1	1	0	7	76	15	0	5	1	2	1	0	92	5	1	207
Total	12	3	6	0	8	282	58	1	17	2	4	2	9	320	11	3	738
Grand Total	97	14	56	15	80	2458	470	20	163	13	58	30	37	3016	93	8	6628
Apprch %	53.3	7.7	30.8	8.2	2.6	81.2	15.5	0.7	61.7	4.9	22	11.4	1.2	95.6	2.9	0.3	
Total %	1.5	0.2	0.8	0.2	1.2	37.1	7.1	0.3	2.5	0.2	0.9	0.5	0.6	45.5	1.4	0.1	
Cars & Peds	95	13	55	15	79	2391	466	20	159	13	56	30	37	2940	93	8	6470
% Cars & Peds	97.9	92.9	98.2	100	98.8	97.3	99.1	100	97.5	100	96.6	100	100	97.5	100	100	97.6
Trucks & Buses	2	0	1	0	1	65	4	0	3	0	2	0	0	75	0	0	153
% Trucks & Buses	2.1	0	1.8	0	1.2	2.6	0.9	0	1.8	0	3.4	0	0	2.5	0	0	2.3
Bikes by Direction	0	1	0	0	0	2	0	0	1	0	0	0	0	1	0	0	5
% Bikes by Direction	0	7.1	0	0	0	0.1	0	0	0.6	0	0	0	0	0	0	0	0.1

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					Int. Total
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	5	0	3	1	9	6	67	24	0	97	5	0	0	0	5	1	127	5	1	134	245
07:30 AM	3	1	1	0	5	2	41	11	0	54	7	1	0	0	8	1	74	6	1	82	149
07:45 AM	2	1	2	0	5	2	45	10	0	57	6	0	0	0	6	0	95	2	0	97	165
08:00 AM	1	0	2	2	5	4	49	14	0	67	7	0	0	0	7	0	70	3	0	73	152
Total Volume	11	2	8	3	24	14	202	59	0	275	25	1	0	0	26	2	366	16	2	386	711
% App. Total	45.8	8.3	33.3	12.5		5.1	73.5	21.5	0		96.2	3.8	0	0		0.5	94.8	4.1	0.5		
PHF	.550	.500	.667	.375	.667	.583	.754	.615	.000	.709	.893	.250	.000	.000	.813	.500	.720	.667	.500	.720	.726
Cars & Peds	11	2	8	3	24	14	196	58	0	268	24	1	0	0	25	2	356	16	2	376	693
% Cars & Peds	100	100	100	100	100	100	97.0	98.3	0	97.5	96.0	100	0	0	96.2	100	97.3	100	100	97.4	97.5
Trucks & Buses	0	0	0	0	0	0	6	1	0	7	1	0	0	0	1	0	10	0	0	10	18
% Trucks & Buses	0	0	0	0	0	0	3.0	1.7	0	2.5	4.0	0	0	0	3.8	0	2.7	0	0	2.6	2.5
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 01:00 PM

01:00 PM	2	0	0	0	2	0	45	3	0	48	2	0	5	2	9	0	60	1	0	61	120
01:15 PM	3	0	1	1	5	2	52	4	1	59	2	0	0	2	4	1	70	0	0	71	139
01:30 PM	3	1	2	0	6	1	62	7	3	73	4	0	1	0	5	0	62	0	0	62	146
01:45 PM	0	0	3	1	4	3	53	13	5	74	2	0	1	1	4	1	82	3	0	86	168
Total Volume	8	1	6	2	17	6	212	27	9	254	10	0	7	5	22	2	274	4	0	280	573
% App. Total	47.1	5.9	35.3	11.8		2.4	83.5	10.6	3.5		45.5	0	31.8	22.7		0.7	97.9	1.4	0		
PHF	.667	.250	.500	.500	.708	.500	.855	.519	.450	.858	.625	.000	.350	.625	.611	.500	.835	.333	.000	.814	.853
Cars & Peds	8	1	6	2	17	6	206	26	9	247	9	0	7	5	21	2	266	4	0	272	557
% Cars & Peds	100	100	100	100	100	100	97.2	96.3	100	97.2	90.0	0	100	100	95.5	100	97.1	100	0	97.1	97.2
Trucks & Buses	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	0	8	0	0	8	15
% Trucks & Buses	0	0	0	0	0	0	2.8	3.7	0	2.8	0	0	0	0	0	0	2.9	0	0	2.9	2.6
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	10.0	0	0	0	4.5	0	0	0	0	0	0.2

tel (781) 587-0086 cell (781) 439-4999

Page No : 3

[illegible]

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

Groups Printed- Cars & Peds

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Int. Total
07:00 AM	3	0	1	0	1	52	7	0	3	0	0	1	0	73	5	0	146
07:15 AM	5	0	3	1	6	64	23	0	5	0	0	0	1	124	5	1	238
07:30 AM	3	1	1	0	2	39	11	0	7	1	0	0	1	71	6	1	144
07:45 AM	2	1	2	0	2	45	10	0	5	0	0	0	0	91	2	0	160
Total	13	2	7	1	11	200	51	0	20	1	0	1	2	359	18	2	688
08:00 AM	1	0	2	2	4	48	14	0	7	0	0	0	0	70	3	0	151
08:15 AM	4	0	0	0	2	48	3	0	7	1	1	0	0	44	1	0	111
08:30 AM	5	2	2	0	2	59	7	0	5	0	1	0	0	74	4	0	161
08:45 AM	3	0	0	0	0	52	17	0	3	1	2	1	0	74	2	0	155
Total	13	2	4	2	8	207	41	0	22	2	4	1	0	262	10	0	578
09:00 AM	2	0	1	0	2	37	8	0	3	0	0	0	0	60	1	1	115
09:15 AM	3	0	1	1	7	45	4	0	1	0	0	0	1	53	3	0	119
09:30 AM	2	0	2	0	1	48	9	1	2	0	2	0	0	42	2	0	111
09:45 AM	2	1	0	0	3	54	7	0	1	0	2	0	0	45	3	0	118
Total	9	1	4	1	13	184	28	1	7	0	4	0	1	200	9	1	463
10:00 AM	4	1	2	0	2	60	2	0	7	0	3	0	0	51	1	0	133
10:15 AM	0	0	0	0	2	43	2	0	2	0	0	0	0	54	6	0	109
10:30 AM	3	0	2	1	0	44	5	3	3	0	0	1	1	44	2	0	109
10:45 AM	3	0	1	1	1	40	4	0	3	0	1	0	0	53	1	0	108
Total	10	1	5	2	5	187	13	3	15	0	4	1	1	202	10	0	459
11:00 AM	1	0	0	1	0	51	4	0	6	0	2	0	1	60	0	0	126
11:15 AM	1	0	0	0	0	46	7	0	2	0	1	1	0	48	0	0	106
11:30 AM	1	1	0	3	0	60	8	0	4	2	3	0	2	55	1	0	140
11:45 AM	3	0	2	0	2	44	13	0	4	0	4	1	3	55	0	0	131
Total	6	1	2	4	2	201	32	0	16	2	10	2	6	218	1	0	503
12:00 PM	2	0	1	0	1	57	9	1	2	0	0	0	1	51	2	0	127
12:15 PM	1	0	2	0	3	52	6	0	1	1	1	0	2	65	4	0	138
12:30 PM	4	0	2	0	2	44	5	0	2	0	2	0	1	51	2	0	115
12:45 PM	5	0	3	0	3	44	5	1	2	1	0	2	0	46	1	0	113
Total	12	0	8	0	9	197	25	2	7	2	3	2	4	213	9	0	493
01:00 PM	2	0	0	0	0	45	3	0	2	0	5	2	0	58	1	0	118
01:15 PM	3	0	1	1	2	49	4	1	2	0	0	2	1	67	0	0	133
01:30 PM	3	1	2	0	1	59	7	3	4	0	1	0	0	60	0	0	141
01:45 PM	0	0	3	1	3	53	12	5	1	0	1	1	1	81	3	0	165
Total	8	1	6	2	6	206	26	9	9	0	7	5	2	266	4	0	557
02:00 PM	0	0	0	0	0	49	9	0	4	0	0	5	0	70	1	1	139
02:15 PM	1	1	0	0	0	51	9	0	3	0	3	2	0	65	1	0	136
02:30 PM	0	0	0	0	2	63	15	0	7	0	0	2	4	71	1	0	165
02:45 PM	2	0	1	0	0	55	14	0	4	1	3	2	0	77	1	0	160
Total	3	1	1	0	2	218	47	0	18	1	6	11	4	283	4	1	600
03:00 PM	0	0	1	0	1	65	22	0	6	1	3	0	0	103	2	0	204
03:15 PM	1	1	2	0	0	79	18	0	2	0	2	0	0	91	4	0	200
03:30 PM	2	0	0	0	4	72	37	0	3	1	2	1	2	72	0	0	196
03:45 PM	0	0	2	0	1	58	16	2	3	1	5	2	1	54	2	0	147
Total	3	1	5	0	6	274	93	2	14	3	12	3	3	320	8	0	747
04:00 PM	1	0	0	3	2	70	11	0	5	0	0	0	0	71	3	0	166
04:15 PM	3	0	3	0	3	55	9	0	2	0	0	2	1	59	1	0	138
04:30 PM	0	0	2	0	1	58	13	1	5	0	0	0	4	68	3	0	155
04:45 PM	2	0	2	0	3	52	19	1	2	0	2	0	0	99	2	1	185
Total	6	0	7	3	9	235	52	2	14	0	2	2	5	297	9	1	644

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

Groups Printed- Cars & Peds

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
05:00 PM	1	1	4	0	1	58	15	0	7	0	0	0	3	78	3	0	171
05:15 PM	4	1	1	0	0	67	18	0	2	0	0	0	1	56	2	2	154
05:30 PM	7	0	0	0	0	81	10	1	3	1	2	1	5	94	1	0	206
05:45 PM	0	1	1	0	7	76	15	0	5	1	2	1	0	92	5	1	207
Total	12	3	6	0	8	282	58	1	17	2	4	2	9	320	11	3	738
Grand Total	95	13	55	15	79	2391	466	20	159	13	56	30	37	2940	93	8	6470
Apprch %	53.4	7.3	30.9	8.4	2.7	80.9	15.8	0.7	61.6	5	21.7	11.6	1.2	95.5	3	0.3	
Total %	1.5	0.2	0.9	0.2	1.2	37	7.2	0.3	2.5	0.2	0.9	0.5	0.6	45.4	1.4	0.1	

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					Int. Total
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	5	0	3	1	9	6	64	23	0	93	5	0	0	0	5	1	124	5	1	131	238
07:30 AM	3	1	1	0	5	2	39	11	0	52	7	1	0	0	8	1	71	6	1	79	144
07:45 AM	2	1	2	0	5	2	45	10	0	57	5	0	0	0	5	0	91	2	0	93	160
08:00 AM	1	0	2	2	5	4	48	14	0	66	7	0	0	0	7	0	70	3	0	73	151
Total Volume	11	2	8	3	24	14	196	58	0	268	24	1	0	0	25	2	356	16	2	376	693
% App. Total	45.8	8.3	33.3	12.5		5.2	73.1	21.6	0		96	4	0	0		0.5	94.7	4.3	0.5		
PHF	.550	.500	.667	.375	.667	.583	.766	.630	.000	.720	.857	.250	.000	.000	.781	.500	.718	.667	.500	.718	.728

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 01:00 PM

01:00 PM	2	0	0	0	2	0	45	3	0	48	2	0	5	2	9	0	58	1	0	59	118
01:15 PM	3	0	1	1	5	2	49	4	1	56	2	0	0	2	4	1	67	0	0	68	133
01:30 PM	3	1	2	0	6	1	59	7	3	70	4	0	1	0	5	0	60	0	0	60	141
01:45 PM	0	0	3	1	4	3	53	12	5	73	1	0	1	1	3	1	81	3	0	85	165
Total Volume	8	1	6	2	17	6	206	26	9	247	9	0	7	5	21	2	266	4	0	272	557
% App. Total	47.1	5.9	35.3	11.8		2.4	83.4	10.5	3.6		42.9	0	33.3	23.8		0.7	97.8	1.5	0		
PHF	.667	.250	.500	.500	.708	.500	.873	.542	.450	.846	.563	.000	.350	.625	.583	.500	.821	.333	.000	.800	.844

Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:45 PM

02:45 PM	2	0	1	0	3	0	55	14	0	69	4	1	3	2	10	0	77	1	0	78	160
03:00 PM	0	0	1	0	1	1	65	22	0	88	6	1	3	0	10	0	103	2	0	105	204
03:15 PM	1	1	2	0	4	0	79	18	0	97	2	0	2	0	4	0	91	4	0	95	200
03:30 PM	2	0	0	0	2	4	72	37	0	113	3	1	2	1	7	2	72	0	0	74	196
Total Volume	5	1	4	0	10	5	271	91	0	367	15	3	10	3	31	2	343	7	0	352	760
% App. Total	50	10	40	0		1.4	73.8	24.8	0		48.4	9.7	32.3	9.7		0.6	97.4	2	0		
PHF	.625	.250	.500	.000	.625	.313	.858	.615	.000	.812	.625	.750	.833	.375	.775	.250	.833	.438	.000	.838	.931

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

Groups Printed- Trucks & Buses

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
07:15 AM	0	0	0	0	0	3	1	0	0	0	0	0	0	3	0	0	7
07:30 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
07:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0	5
Total	0	0	0	0	0	6	1	0	1	0	0	0	0	11	0	0	19
08:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	3
08:30 AM	0	0	0	0	0	1	0	0	1	0	0	0	0	2	0	0	4
08:45 AM	0	0	0	0	0	1	0	0	0	0	1	0	0	5	0	0	7
Total	0	0	0	0	0	4	0	0	1	0	1	0	0	9	0	0	15
09:00 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
09:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
09:30 AM	0	0	0	0	0	3	0	0	0	0	1	0	0	2	0	0	6
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4
Total	0	0	0	0	0	6	0	0	0	0	1	0	0	6	0	0	13
10:00 AM	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
10:15 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	5
10:30 AM	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	1	0	0	0	0	7	0	0	1	0	0	0	0	3	0	0	12
11:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	4
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	1	0	0	1	0	0	0	0	0	0	0	4	0	0	6
Total	0	0	1	0	0	4	0	0	0	0	0	0	0	6	0	0	11
12:00 PM	1	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	5
12:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
12:30 PM	0	0	0	0	0	2	1	0	0	0	0	0	0	1	0	0	4
12:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
Total	1	0	0	0	0	8	1	0	0	0	0	0	0	4	0	0	14
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
01:15 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	6
01:30 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	5
01:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
Total	0	0	0	0	0	6	1	0	0	0	0	0	0	8	0	0	15
02:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
02:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	6
02:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	4	0	0	5
02:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	6
Total	0	0	0	0	0	8	0	0	0	0	0	0	0	14	0	0	22
03:00 PM	0	0	0	0	0	6	1	0	0	0	0	0	0	3	0	0	10
03:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
03:30 PM	0	0	0	0	1	4	0	0	0	0	0	0	0	4	0	0	9
03:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
Total	0	0	0	0	1	13	1	0	0	0	0	0	0	11	0	0	26
04:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	3
04:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
04:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	6

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

Groups Printed- Trucks & Buses

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	2	0	1	0	1	65	4	0	3	0	2	0	0	75	0	0	153
Apprch %	66.7	0	33.3	0	1.4	92.9	5.7	0	60	0	40	0	0	100	0	0	
Total %	1.3	0	0.7	0	0.7	42.5	2.6	0	2	0	1.3	0	0	49	0	0	

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					Int. Total
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
07:15 AM	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	3	0	0	3	7
07:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	5
07:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	4	0	0	4	5
Total Volume	0	0	0	0	0	0	6	1	0	7	1	0	0	0	1	0	11	0	0	11	19
% App. Total	0	0	0	0	0	0	85.7	14.3	0		100	0	0	0		0	100	0	0		
PHF	.000	.000	.000	.000	.000	.000	.500	.250	.000	.438	.250	.000	.000	.000	.250	.000	.688	.000	.000	.688	.679

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 11:45 AM

11:45 AM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	6
12:00 PM	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	5
12:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
12:30 PM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	4
Total Volume	1	0	1	0	2	0	6	1	0	7	0	0	0	0	0	0	8	0	0	8	17
% App. Total	50	0	50	0		0	85.7	14.3	0		0	0	0	0		0	100	0	0		
PHF	.250	.000	.250	.000	.500	.000	.750	.250	.000	.583	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.708

Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:15 PM

02:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	6
02:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
02:45 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	6
03:00 PM	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	0	3	0	0	3	10
Total Volume	0	0	0	0	0	0	12	1	0	13	0	0	0	0	0	0	14	0	0	14	27
% App. Total	0	0	0	0	0	0	92.3	7.7	0		0	0	0	0		0	100	0	0		
PHF	.000	.000	.000	.000	.000	.000	.500	.250	.000	.464	.000	.000	.000	.000	.000	.000	.875	.000	.000	.875	.675

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Page No : 2

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Int. Total
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	1	0	0	0	2	0	0	1	0	0	0	0	1	0	0	5
Apprch %	0	100	0	0	0	100	0	0	100	0	0	0	0	100	0	0	
Total %	0	20	0	0	0	40	0	0	20	0	0	0	0	20	0	0	

[illegible]

10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	2
% App. Total	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	100	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.250	.000	.500

[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

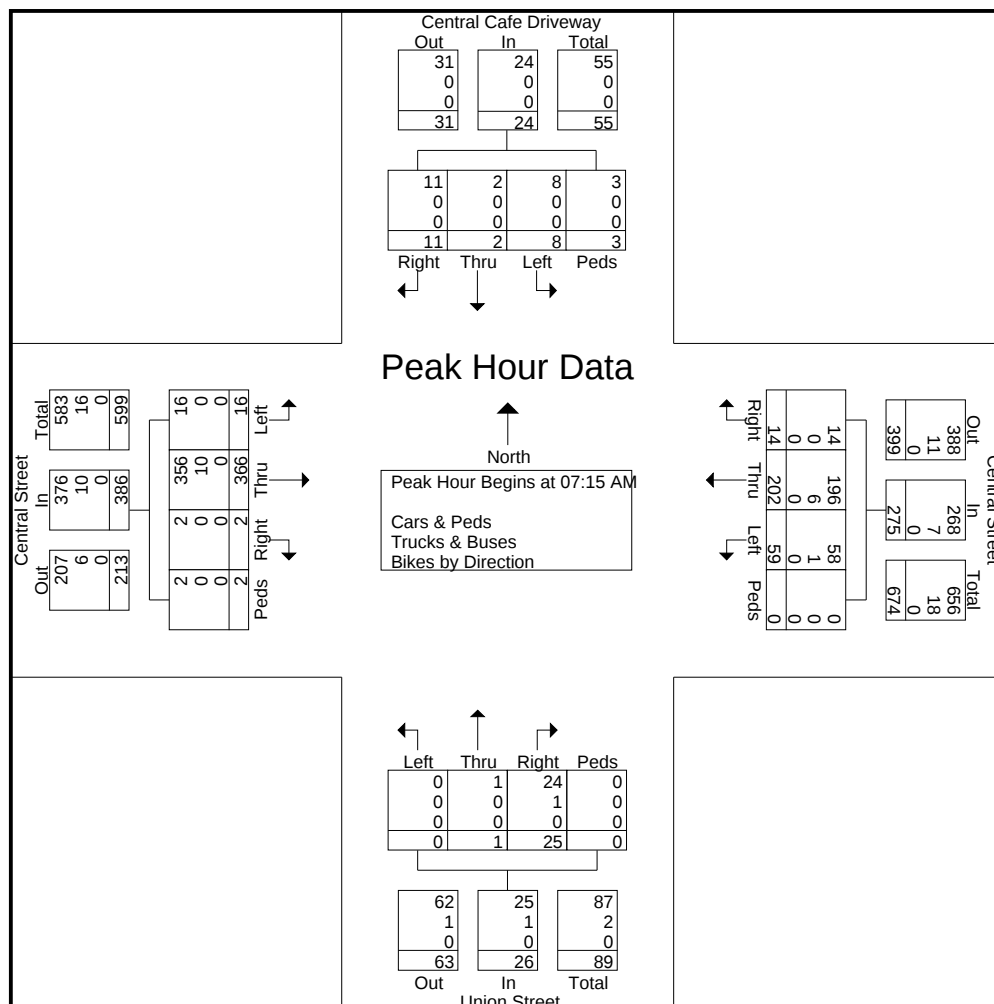
File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	5	0	3	1	9	6	67	24	0	97	5	0	0	0	5	1	127	5	1	134	245
07:30 AM	3	1	1	0	5	2	41	11	0	54	7	1	0	0	8	1	74	6	1	82	149
07:45 AM	2	1	2	0	5	2	45	10	0	57	6	0	0	0	6	0	95	2	0	97	165
08:00 AM	1	0	2	2	5	4	49	14	0	67	7	0	0	0	7	0	70	3	0	73	152
Total Volume	11	2	8	3	24	14	202	59	0	275	25	1	0	0	26	2	366	16	2	386	711
% App. Total	45.8	8.3	33.3	12.5		5.1	73.5	21.5	0		96.2	3.8	0	0		0.5	94.8	4.1	0.5		
PHF	.550	.500	.667	.375	.667	.583	.754	.615	.000	.709	.893	.250	.000	.000	.813	.500	.720	.667	.500	.720	.726
Cars & Peds	11	2	8	3	24	14	196	58	0	268	24	1	0	0	25	2	356	16	2	376	693
% Cars & Peds	100	100	100	100	100	100	97.0	98.3	0	97.5	96.0	100	0	0	96.2	100	97.3	100	100	97.4	97.5
Trucks & Buses	0	0	0	0	0	0	6	1	0	7	1	0	0	0	1	0	10	0	0	10	18
% Trucks & Buses	0	0	0	0	0	0	3.0	1.7	0	2.5	4.0	0	0	0	3.8	0	2.7	0	0	2.6	2.5
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/A. Luff

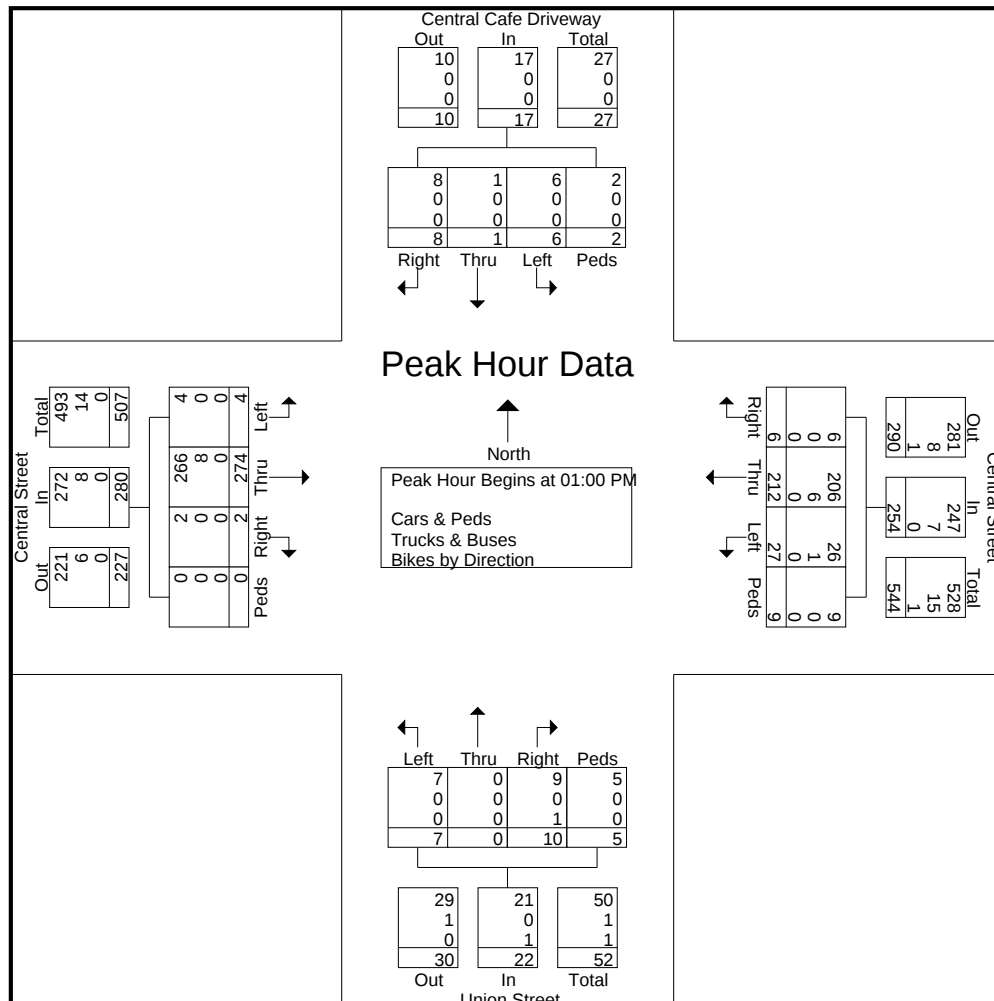
File Name : 04836A

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

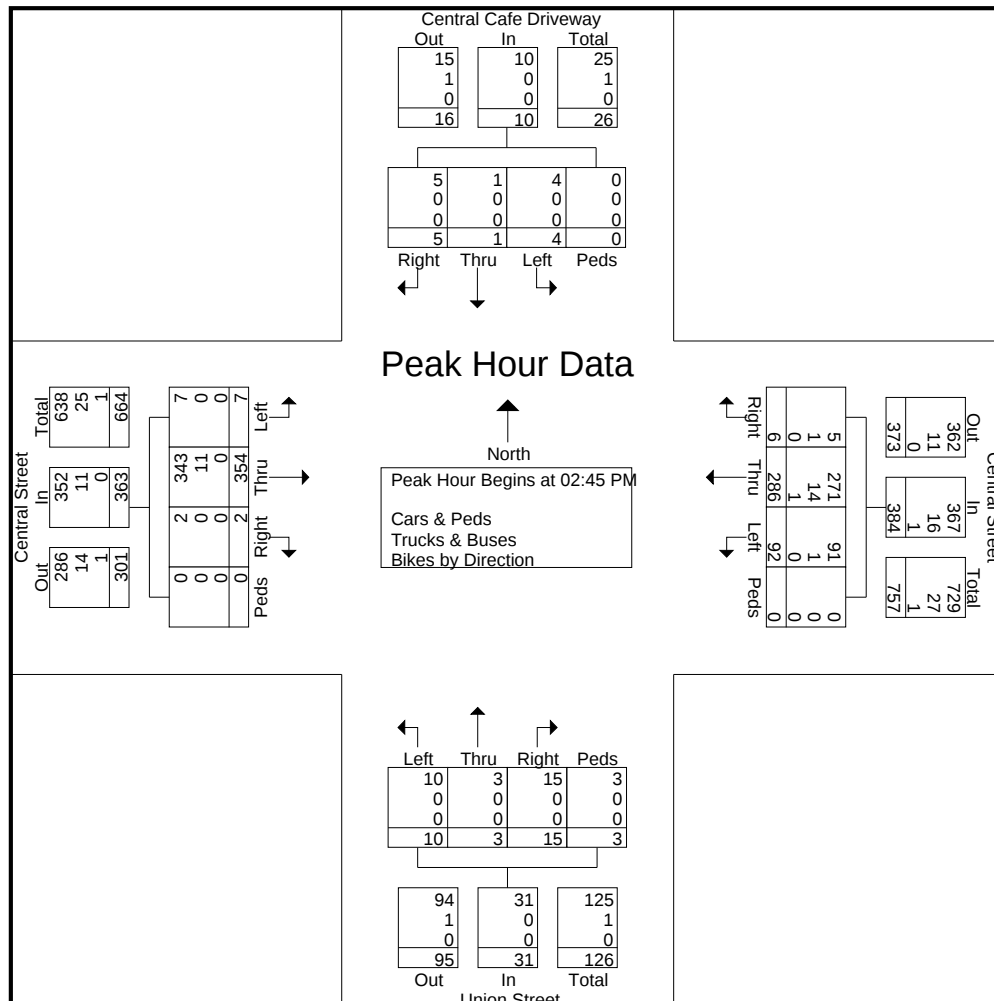
	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 01:00 PM																					
01:00 PM	2	0	0	0	2	0	45	3	0	48	2	0	5	2	9	0	60	1	0	61	120
01:15 PM	3	0	1	1	5	2	52	4	1	59	2	0	0	2	4	1	70	0	0	71	139
01:30 PM	3	1	2	0	6	1	62	7	3	73	4	0	1	0	5	0	62	0	0	62	146
01:45 PM	0	0	3	1	4	3	53	13	5	74	2	0	1	1	4	1	82	3	0	86	168
Total Volume	8	1	6	2	17	6	212	27	9	254	10	0	7	5	22	2	274	4	0	280	573
% App. Total	47.1	5.9	35.3	11.8		2.4	83.5	10.6	3.5		45.5	0	31.8	22.7		0.7	97.9	1.4	0		
PHF	.667	.250	.500	.500	.708	.500	.855	.519	.450	.858	.625	.000	.350	.625	.611	.500	.835	.333	.000	.814	.853
Cars & Peds	8	1	6	2	17	6	206	26	9	247	9	0	7	5	21	2	266	4	0	272	557
% Cars & Peds	100	100	100	100	100	100	97.2	96.3	100	97.2	90.0	0	100	100	95.5	100	97.1	100	0	97.1	97.2
Trucks & Buses	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	0	8	0	0	8	15
% Trucks & Buses	0	0	0	0	0	0	2.8	3.7	0	2.8	0	0	0	0	0	0	2.9	0	0	2.9	2.6
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	10.0	0	0	0	4.5	0	0	0	0	0	0.2



tel (781) 587-0086 cell (781) 439-4999

Page No : 3

Peak Hour for Entire Intersection Begins at 02:45 PM



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	1	34	0	138	11	0	16	10	1	211
07:15 AM	2	75	0	184	24	0	46	29	0	360
07:30 AM	0	22	0	111	2	0	12	10	2	159
07:45 AM	0	53	0	167	0	0	4	12	12	248
Total	3	184	0	600	37	0	78	61	15	978
08:00 AM	3	97	0	137	0	0	11	8	0	256
08:15 AM	0	25	0	99	0	0	4	11	2	141
08:30 AM	1	60	0	135	0	0	2	15	0	213
08:45 AM	6	92	0	97	2	0	2	11	0	210
Total	10	274	0	468	2	0	19	45	2	820
09:00 AM	0	43	0	55	0	0	1	3	0	102
09:15 AM	1	29	0	66	0	0	1	4	1	102
09:30 AM	0	29	0	47	2	0	7	1	0	86
09:45 AM	0	24	0	42	0	0	1	3	0	70
Total	1	125	0	210	2	0	10	11	1	360
10:00 AM	0	23	0	42	0	0	4	2	0	71
10:15 AM	1	30	0	43	0	0	3	5	0	82
10:30 AM	0	43	0	56	0	0	4	7	0	110
10:45 AM	1	30	0	46	0	0	4	4	0	85
Total	2	126	0	187	0	0	15	18	0	348
11:00 AM	1	38	0	60	1	0	4	3	2	109
11:15 AM	0	25	0	43	1	0	1	2	0	72
11:30 AM	0	61	0	47	1	0	2	2	1	114
11:45 AM	0	50	0	43	1	0	3	2	2	101
Total	1	174	0	193	4	0	10	9	5	396
12:00 PM	0	48	0	38	0	0	4	2	0	92
12:15 PM	0	49	0	60	0	0	2	2	0	113
12:30 PM	3	45	0	58	2	0	3	2	0	113
12:45 PM	0	60	0	58	1	0	4	3	0	126
Total	3	202	0	214	3	0	13	9	0	444
01:00 PM	0	39	0	50	0	0	5	1	0	95
01:15 PM	1	39	0	35	2	0	2	5	1	85
01:30 PM	0	49	0	53	1	0	4	4	2	113
01:45 PM	4	72	0	56	3	0	5	1	1	142
Total	5	199	0	194	6	0	16	11	4	435
02:00 PM	3	79	0	58	2	0	26	7	1	176
02:15 PM	1	60	0	93	3	0	13	9	1	180
02:30 PM	0	121	0	64	2	0	6	5	1	199
02:45 PM	0	96	0	63	3	0	11	6	28	207
Total	4	356	0	278	10	0	56	27	31	762
03:00 PM	0	97	0	101	0	0	18	13	3	232
03:15 PM	1	126	0	105	2	0	15	8	4	261
03:30 PM	1	166	0	57	1	0	11	2	1	239
03:45 PM	0	104	0	41	1	0	5	4	0	155
Total	2	493	0	304	4	0	49	27	8	887
04:00 PM	1	98	0	66	0	0	2	5	0	172
04:15 PM	4	92	0	55	3	0	10	4	3	171
04:30 PM	3	118	0	36	0	0	8	7	1	173

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[illegible][illegible]

Peak Hour for Entire Intersection Begins at 12:15 PM

[illegible]

Mario Perone, mperone1@verizon.net
tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street
W: Linden Street
City, State: Holliston, MA
Client: McM/A. Luff

File Name : 04836B
Site Code : Y1344921
Start Date : 12/21/2016
Page No : 3

[illegible]

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Mario Perone, mperone1@verizon.net

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N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

Groups Printed- Cars & Peds

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	1	34	0	125	11	0	12	10	1	194
07:15 AM	2	75	0	183	24	0	37	27	0	348
07:30 AM	0	22	0	110	2	0	12	10	2	158
07:45 AM	0	51	0	157	0	0	4	12	12	236
Total	3	182	0	575	37	0	65	59	15	936
08:00 AM	3	96	0	136	0	0	3	7	0	245
08:15 AM	0	22	0	97	0	0	2	11	2	134
08:30 AM	1	59	0	129	0	0	2	15	0	206
08:45 AM	6	85	0	93	2	0	2	10	0	198
Total	10	262	0	455	2	0	9	43	2	783
09:00 AM	0	41	0	55	0	0	1	3	0	100
09:15 AM	1	28	0	65	0	0	1	4	1	100
09:30 AM	0	28	0	45	2	0	6	1	0	82
09:45 AM	0	24	0	40	0	0	1	3	0	68
Total	1	121	0	205	2	0	9	11	1	350
10:00 AM	0	23	0	42	0	0	4	2	0	71
10:15 AM	1	28	0	42	0	0	3	5	0	79
10:30 AM	0	41	0	56	0	0	4	7	0	108
10:45 AM	1	30	0	45	0	0	4	4	0	84
Total	2	122	0	185	0	0	15	18	0	342
11:00 AM	1	38	0	57	1	0	4	3	2	106
11:15 AM	0	22	0	43	1	0	1	2	0	69
11:30 AM	0	60	0	47	1	0	2	1	1	112
11:45 AM	0	48	0	41	1	0	3	2	2	97
Total	1	168	0	188	4	0	10	8	5	384
12:00 PM	0	47	0	38	0	0	4	2	0	91
12:15 PM	0	49	0	58	0	0	2	2	0	111
12:30 PM	3	42	0	58	2	0	2	1	0	108
12:45 PM	0	59	0	58	1	0	4	3	0	125
Total	3	197	0	212	3	0	12	8	0	435
01:00 PM	0	38	0	50	0	0	5	1	0	94
01:15 PM	1	39	0	34	2	0	2	4	1	83
01:30 PM	0	49	0	50	1	0	4	3	2	109
01:45 PM	4	72	0	52	3	0	5	1	1	138
Total	5	198	0	186	6	0	16	9	4	424
02:00 PM	3	78	0	58	2	0	13	7	1	162
02:15 PM	1	58	0	90	3	0	13	9	1	175
02:30 PM	0	108	0	58	2	0	6	5	1	180
02:45 PM	0	94	0	63	3	0	11	6	28	205
Total	4	338	0	269	10	0	43	27	31	722
03:00 PM	0	97	0	95	0	0	16	12	3	223
03:15 PM	1	121	0	101	2	0	14	8	4	251
03:30 PM	1	164	0	57	1	0	11	2	1	237
03:45 PM	0	103	0	40	1	0	5	4	0	153
Total	2	485	0	293	4	0	46	26	8	864
04:00 PM	1	98	0	65	0	0	2	5	0	171
04:15 PM	4	92	0	55	3	0	10	4	3	171
04:30 PM	3	118	0	36	0	0	8	7	1	173

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Mario Perone, mperone1@verizon.net

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File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

Groups Printed- Cars & Peds

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	4	87	0	64	2	0	18	7	0	182
Total	12	395	0	220	5	0	38	23	4	697
05:00 PM	1	131	0	49	1	0	19	7	0	208
05:15 PM	2	118	0	42	1	0	17	4	0	184
05:30 PM	1	127	0	42	0	0	20	5	0	195
05:45 PM	3	108	0	45	0	0	14	9	0	179
Total	7	484	0	178	2	0	70	25	0	766
Grand Total	50	2952	0	2966	75	0	333	257	70	6703
Apprch %	1.7	98.3	0	97.5	2.5	0	50.5	38.9	10.6	
Total %	0.7	44	0	44.2	1.1	0	5	3.8	1	

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	2	75	0	77	183	24	0	207	37	27	0	64	348
07:30 AM	0	22	0	22	110	2	0	112	12	10	2	24	158
07:45 AM	0	51	0	51	157	0	0	157	4	12	12	28	236
08:00 AM	3	96	0	99	136	0	0	136	3	7	0	10	245
Total Volume	5	244	0	249	586	26	0	612	56	56	14	126	987
% App. Total	2	98	0		95.8	4.2	0		44.4	44.4	11.1		
PHF	.417	.635	.000	.629	.801	.271	.000	.739	.378	.519	.292	.492	.709

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 12:15 PM

12:15 PM	0	49	0	49	58	0	0	58	2	2	0	4	111
12:30 PM	3	42	0	45	58	2	0	60	2	1	0	3	108
12:45 PM	0	59	0	59	58	1	0	59	4	3	0	7	125
01:00 PM	0	38	0	38	50	0	0	50	5	1	0	6	94
Total Volume	3	188	0	191	224	3	0	227	13	7	0	20	438
% App. Total	1.6	98.4	0		98.7	1.3	0		65	35	0		
PHF	.250	.797	.000	.809	.966	.375	.000	.946	.650	.583	.000	.714	.876

Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:45 PM

02:45 PM	0	94	0	94	63	3	0	66	11	6	28	45	205
03:00 PM	0	97	0	97	95	0	0	95	16	12	3	31	223
03:15 PM	1	121	0	122	101	2	0	103	14	8	4	26	251
03:30 PM	1	164	0	165	57	1	0	58	11	2	1	14	237
Total Volume	2	476	0	478	316	6	0	322	52	28	36	116	916
% App. Total	0.4	99.6	0		98.1	1.9	0		44.8	24.1	31		
PHF	.500	.726	.000	.724	.782	.500	.000	.782	.813	.583	.321	.644	.912

tel (781) 587-0086 cell (781) 439-4999

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/A. Luff

File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

Groups Printed- Trucks & Buses

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	0	55	0	80	0	0	41	9	0	185
Apprch %	0	100	0	100	0	0	82	18	0	
Total %	0	29.7	0	43.2	0	0	22.2	4.9	0	

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	0	0	0	13	0	0	13	4	0	0	4	17
07:15 AM	0	0	0	0	1	0	0	1	9	2	0	11	12
07:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
07:45 AM	0	2	0	2	10	0	0	10	0	0	0	0	12
Total Volume	0	2	0	2	25	0	0	25	13	2	0	15	42
% App. Total	0	100	0		100	0	0		86.7	13.3	0		
PHF	.000	.250	.000	.250	.481	.000	.000	.481	.361	.250	.000	.341	.618

Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 11:00 AM

11:00 AM	0	0	0	0	3	0	0	3	0	0	0	0	3
11:15 AM	0	3	0	3	0	0	0	0	0	0	0	0	3
11:30 AM	0	1	0	1	0	0	0	0	0	1	0	1	2
11:45 AM	0	2	0	2	2	0	0	2	0	0	0	0	4
Total Volume	0	6	0	6	5	0	0	5	0	1	0	1	12
% App. Total	0	100	0		100	0	0		0	100	0		
PHF	.000	.500	.000	.500	.417	.000	.000	.417	.000	.250	.000	.250	.750

Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:30 PM

02:30 PM	0	11	0	11	6	0	0	6	0	0	0	0	17
02:45 PM	0	2	0	2	0	0	0	0	0	0	0	0	2
03:00 PM	0	0	0	0	6	0	0	6	2	1	0	3	9
03:15 PM	0	5	0	5	4	0	0	4	1	0	0	1	10
Total Volume	0	18	0	18	16	0	0	16	3	1	0	4	38
% App. Total	0	100	0		100	0	0		75	25	0		
PHF	.000	.409	.000	.409	.667	.000	.000	.667	.375	.250	.000	.333	.559

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/A. Luff

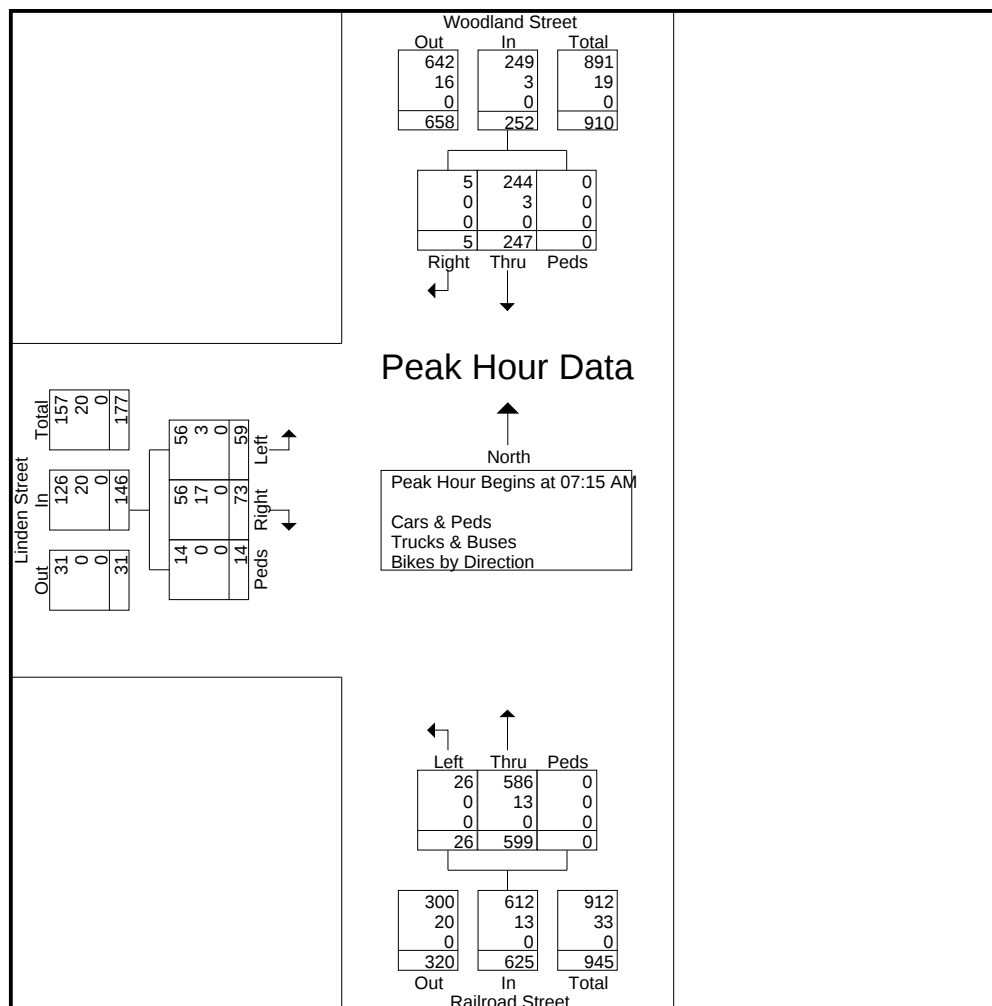
File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 1

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:15 AM													
07:15 AM	2	75	0	77	184	24	0	208	46	29	0	75	360
07:30 AM	0	22	0	22	111	2	0	113	12	10	2	24	159
07:45 AM	0	53	0	53	167	0	0	167	4	12	12	28	248
08:00 AM	3	97	0	100	137	0	0	137	11	8	0	19	256
Total Volume	5	247	0	252	599	26	0	625	73	59	14	146	1023
% App. Total	2	98	0		95.8	4.2	0		50	40.4	9.6		
PHF	.417	.637	.000	.630	.814	.271	.000	.751	.397	.509	.292	.487	.710
Cars & Peds	5	244	0	249	586	26	0	612	56	56	14	126	987
% Cars & Peds	100	98.8	0	98.8	97.8	100	0	97.9	76.7	94.9	100	86.3	96.5
Trucks & Buses	0	3	0	3	13	0	0	13	17	3	0	20	36
% Trucks & Buses	0	1.2	0	1.2	2.2	0	0	2.1	23.3	5.1	0	13.7	3.5
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0



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Mario Perone, mperone1@verizon.net

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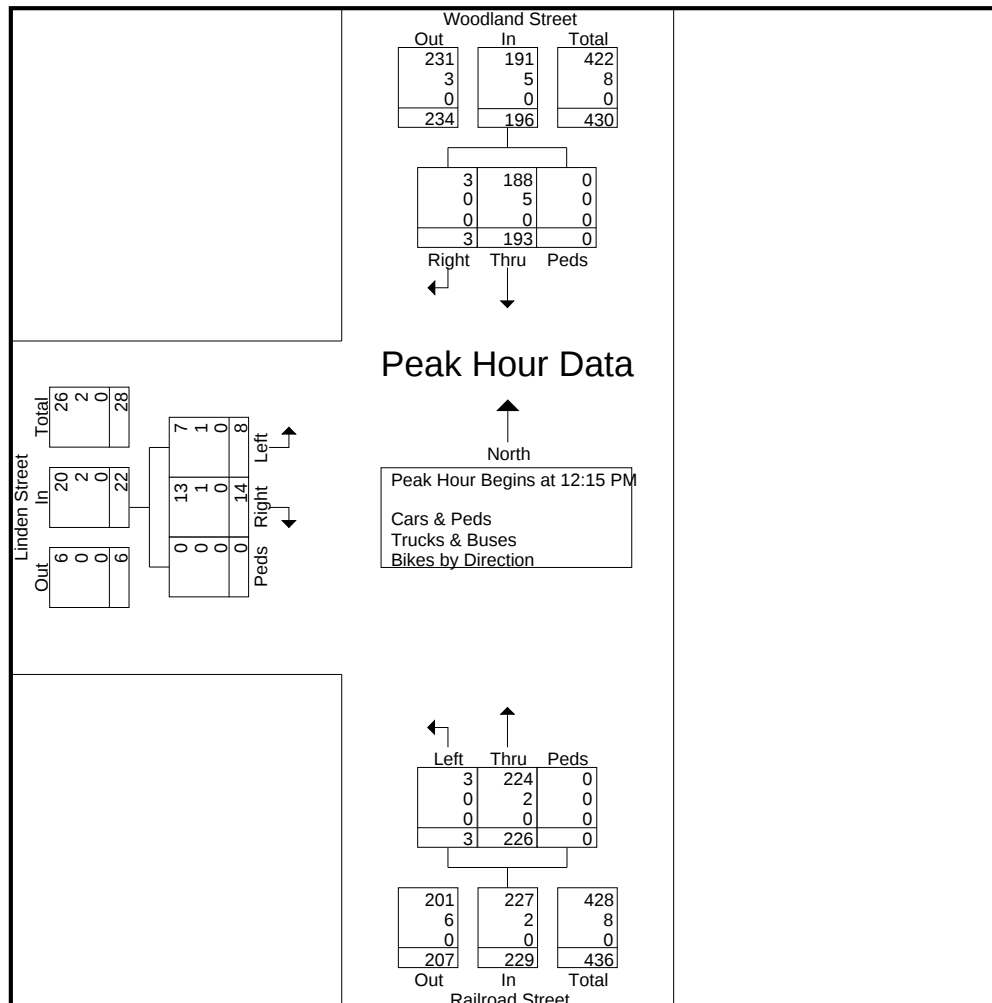
File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 2

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 12:15 PM													
12:15 PM	0	49	0	49	60	0	0	60	2	2	0	4	113
12:30 PM	3	45	0	48	58	2	0	60	3	2	0	5	113
12:45 PM	0	60	0	60	58	1	0	59	4	3	0	7	126
01:00 PM	0	39	0	39	50	0	0	50	5	1	0	6	95
Total Volume	3	193	0	196	226	3	0	229	14	8	0	22	447
% App. Total	1.5	98.5	0		98.7	1.3	0		63.6	36.4	0		
PHF	.250	.804	.000	.817	.942	.375	.000	.954	.700	.667	.000	.786	.887
Cars & Peds	3	188	0	191	224	3	0	227	13	7	0	20	438
% Cars & Peds	100	97.4	0	97.4	99.1	100	0	99.1	92.9	87.5	0	90.9	98.0
Trucks & Buses	0	5	0	5	2	0	0	2	1	1	0	2	9
% Trucks & Buses	0	2.6	0	2.6	0.9	0	0	0.9	7.1	12.5	0	9.1	2.0
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0



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Mario Perone, mperone1@verizon.net

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Client: McM/A. Luff

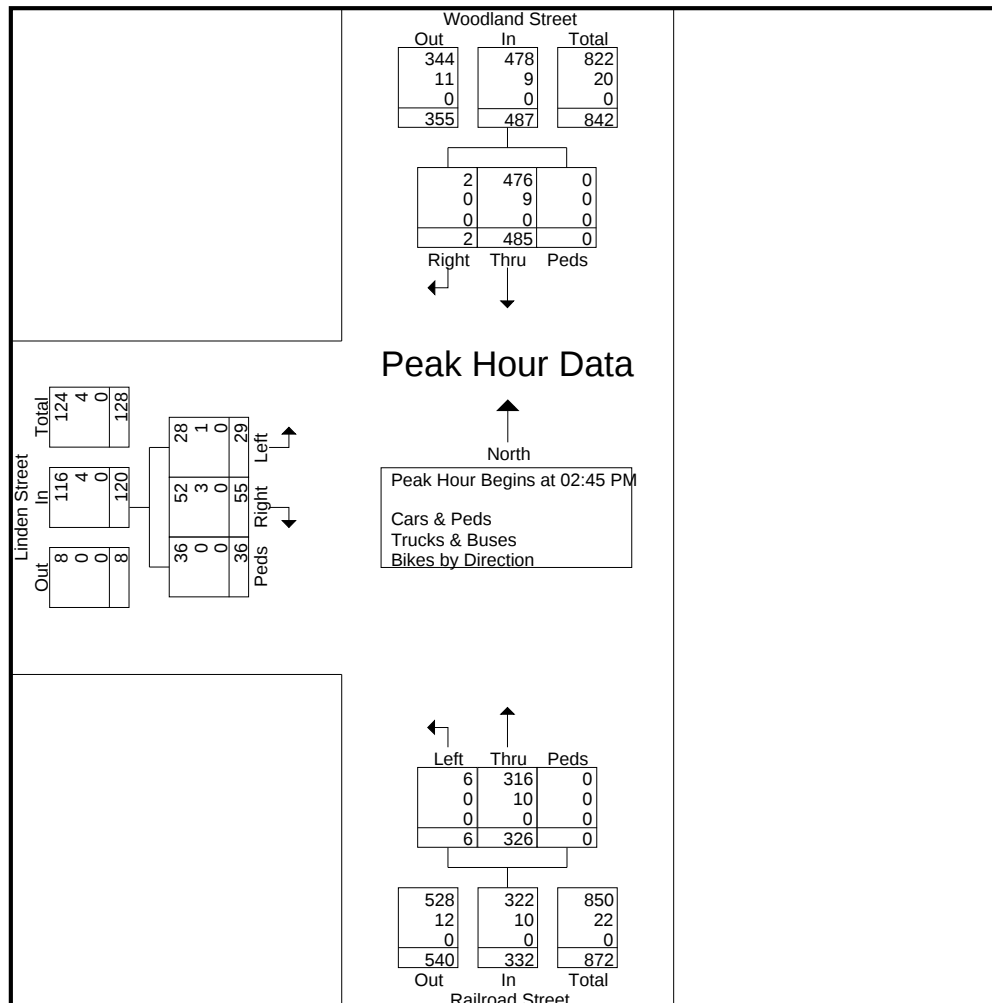
File Name : 04836B

Site Code : Y1344921

Start Date : 12/21/2016

Page No : 3

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 02:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:45 PM													
02:45 PM	0	96	0	96	63	3	0	66	11	6	28	45	207
03:00 PM	0	97	0	97	101	0	0	101	18	13	3	34	232
03:15 PM	1	126	0	127	105	2	0	107	15	8	4	27	261
03:30 PM	1	166	0	167	57	1	0	58	11	2	1	14	239
Total Volume	2	485	0	487	326	6	0	332	55	29	36	120	939
% App. Total	0.4	99.6	0		98.2	1.8	0		45.8	24.2	30		
PHF	.500	.730	.000	.729	.776	.500	.000	.776	.764	.558	.321	.667	.899
Cars & Peds	2	476	0	478	316	6	0	322	52	28	36	116	916
% Cars & Peds	100	98.1	0	98.2	96.9	100	0	97.0	94.5	96.6	100	96.7	97.6
Trucks & Buses	0	9	0	9	10	0	0	10	3	1	0	4	23
% Trucks & Buses	0	1.9	0	1.8	3.1	0	0	3.0	5.5	3.4	0	3.3	2.4
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	2	0	1	0	1	62	8	0	16	0	0	0	0	44	1	0	135
07:15 AM	3	0	3	0	2	59	21	0	29	0	2	0	0	61	1	0	181
07:30 AM	2	0	1	0	3	33	6	0	10	0	1	0	0	41	1	0	98
07:45 AM	1	0	0	2	1	47	8	0	23	0	2	0	1	51	3	1	140
Total	8	0	5	2	7	201	43	0	78	0	5	0	1	197	6	1	554
08:00 AM	1	0	1	0	2	59	12	0	18	1	3	0	1	48	1	1	148
08:15 AM	1	1	1	0	1	47	9	0	16	0	1	1	0	31	1	1	111
08:30 AM	3	1	1	2	1	42	11	0	29	1	3	1	3	48	1	0	147
08:45 AM	0	0	0	1	3	54	14	0	19	0	1	0	0	46	3	0	141
Total	5	2	3	3	7	202	46	0	82	2	8	2	4	173	6	2	547
09:00 AM	0	0	1	0	2	53	9	0	10	1	4	0	1	32	2	1	116
09:15 AM	1	0	0	2	2	43	10	1	10	1	1	0	1	38	1	0	111
09:30 AM	1	0	1	0	1	40	4	0	6	0	2	2	1	41	4	0	103
09:45 AM	3	0	1	5	2	44	6	0	3	0	2	3	1	46	0	2	118
Total	5	0	3	7	7	180	29	1	29	2	9	5	4	157	7	3	448
10:00 AM	2	0	0	1	2	44	5	0	6	0	0	0	1	41	1	1	104
10:15 AM	0	0	1	0	1	39	7	0	4	0	2	0	1	44	2	0	101
10:30 AM	0	0	2	1	1	34	5	0	6	0	2	0	0	40	2	0	93
10:45 AM	1	1	1	0	2	45	9	1	4	2	2	0	2	35	1	0	106
Total	3	1	4	2	6	162	26	1	20	2	6	0	4	160	6	1	404
11:00 AM	3	1	1	1	2	35	4	0	2	0	0	0	1	49	0	0	99
11:15 AM	2	0	0	0	3	54	4	0	5	1	1	0	1	44	1	0	116
11:30 AM	1	0	2	1	2	47	7	0	7	0	0	0	0	51	2	0	120
11:45 AM	1	0	0	0	1	52	6	0	5	0	1	0	0	45	0	0	111
Total	7	1	3	2	8	188	21	0	19	1	2	0	2	189	3	0	446
12:00 PM	1	1	2	0	3	55	10	0	5	1	4	0	1	43	2	1	129
12:15 PM	3	0	2	0	2	51	6	0	13	0	3	0	0	44	1	0	125
12:30 PM	0	1	1	1	2	43	7	0	8	0	0	0	1	52	2	0	118
12:45 PM	1	0	0	0	1	41	13	1	9	0	1	0	1	44	0	0	112
Total	5	2	5	1	8	190	36	1	35	1	8	0	3	183	5	1	484
01:00 PM	0	0	0	1	0	50	9	1	4	0	2	0	0	44	2	0	113
01:15 PM	4	0	0	0	1	40	1	1	5	1	1	0	2	48	0	4	108
01:30 PM	0	1	3	2	0	46	5	0	5	0	1	0	0	45	1	0	109
01:45 PM	0	0	2	0	0	69	13	0	5	2	4	1	1	51	1	1	150
Total	4	1	5	3	1	205	28	2	19	3	8	1	3	188	4	5	480
02:00 PM	2	0	2	1	1	72	13	1	9	0	2	0	3	58	3	0	167
02:15 PM	1	0	1	0	1	47	7	1	10	1	1	0	1	51	0	0	122
02:30 PM	3	1	1	2	1	59	12	0	25	2	3	1	1	43	0	1	155
02:45 PM	1	0	0	0	3	73	8	0	24	2	4	0	0	48	4	0	167
Total	7	1	4	3	6	251	40	2	68	5	10	1	5	200	7	1	611
03:00 PM	2	0	2	0	0	68	26	0	19	0	1	0	3	59	0	0	180
03:15 PM	3	0	1	0	1	54	20	0	10	1	1	0	1	39	2	0	133
03:30 PM	3	1	3	0	3	60	33	0	9	0	2	1	2	50	0	0	167
03:45 PM	4	0	3	0	7	67	17	0	12	1	1	0	1	52	2	0	167
Total	12	1	9	0	11	249	96	0	50	2	5	1	7	200	4	0	647
04:00 PM	2	2	4	0	3	70	26	2	8	2	4	0	1	71	2	0	197
04:15 PM	2	0	1	0	1	65	33	0	10	1	4	0	0	69	1	0	187
04:30 PM	2	2	3	0	1	64	27	0	5	0	2	0	2	57	1	1	167
04:45 PM	1	1	2	3	2	55	31	0	12	1	2	0	2	60	2	0	174
Total	7	5	10	3	7	254	117	2	35	4	12	0	5	257	6	1	725

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City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
05:00 PM	3	1	3	0	2	78	35	0	11	0	2	0	1	65	2	0	203
05:15 PM	0	2	2	0	0	70	29	0	16	1	1	0	2	57	0	0	180
05:30 PM	1	1	3	1	2	59	27	0	14	1	0	1	2	55	4	1	172
05:45 PM	2	0	1	0	6	44	21	0	5	0	1	0	3	62	1	0	146
Total	6	4	9	1	10	251	112	0	46	2	4	1	8	239	7	1	701
Grand Total	69	18	60	27	78	2333	594	9	481	24	77	11	46	2143	61	16	6047
Apprch %	39.7	10.3	34.5	15.5	2.6	77.4	19.7	0.3	81.1	4	13	1.9	2	94.6	2.7	0.7	
Total %	1.1	0.3	1	0.4	1.3	38.6	9.8	0.1	8	0.4	1.3	0.2	0.8	35.4	1	0.3	
Cars & Peds	68	18	58	27	78	2267	592	9	470	24	76	11	46	2089	61	16	5910
% Cars & Peds	98.6	100	96.7	100	100	97.2	99.7	100	97.7	100	98.7	100	100	97.5	100	100	97.7
Trucks & Buses	1	0	2	0	0	64	1	0	11	0	1	0	0	48	0	0	128
% Trucks & Buses	1.4	0	3.3	0	0	2.7	0.2	0	2.3	0	1.3	0	0	2.2	0	0	2.1
Bikes by Direction	0	0	0	0	0	2	1	0	0	0	0	0	0	6	0	0	9
% Bikes by Direction	0	0	0	0	0	0.1	0.2	0	0	0	0	0	0	0.3	0	0	0.1

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	3	0	3	0	6	2	59	21	0	82	29	0	2	0	31	0	61	1	0	62	181
07:30 AM	2	0	1	0	3	3	33	6	0	42	10	0	1	0	11	0	41	1	0	42	98
07:45 AM	1	0	0	2	3	1	47	8	0	56	23	0	2	0	25	1	51	3	1	56	140
08:00 AM	1	0	1	0	2	2	59	12	0	73	18	1	3	0	22	1	48	1	1	51	148
Total Volume	7	0	5	2	14	8	198	47	0	253	80	1	8	0	89	2	201	6	2	211	567
% App. Total	50	0	35.7	14.3		3.2	78.3	18.6	0		89.9	1.1	9	0		0.9	95.3	2.8	0.9		
PHF	.583	.000	.417	.250	.583	.667	.839	.560	.000	.771	.690	.250	.667	.000	.718	.500	.824	.500	.500	.851	.783
Cars & Peds	7	0	5	2	14	8	195	47	0	250	79	1	8	0	88	2	196	6	2	206	558
% Cars & Peds	100	0	100	100	100	100	98.5	100	0	98.8	98.8	100	100	0	98.9	100	97.5	100	100	97.6	98.4
Trucks & Buses	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	5	0	0	5	9
% Trucks & Buses	0	0	0	0	0	0	1.5	0	0	1.2	1.3	0	0	0	1.1	0	2.5	0	0	2.4	1.6
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:00 PM

02:00 PM	2	0	2	1	5	1	72	13	1	87	9	0	2	0	11	3	58	3	0	64	167
02:15 PM	1	0	1	0	2	1	47	7	1	56	10	1	1	0	12	1	51	0	0	52	122
02:30 PM	3	1	1	2	7	1	59	12	0	72	25	2	3	1	31	1	43	0	1	45	155
02:45 PM	1	0	0	0	1	3	73	8	0	84	24	2	4	0	30	0	48	4	0	52	167
Total Volume	7	1	4	3	15	6	251	40	2	299	68	5	10	1	84	5	200	7	1	213	611
% App. Total	46.7	6.7	26.7	20		2	83.9	13.4	0.7		81	6	11.9	1.2		2.3	93.9	3.3	0.5		
PHF	.583	.250	.500	.375	.536	.500	.860	.769	.500	.859	.680	.625	.625	.250	.677	.417	.862	.438	.250	.832	.915
Cars & Peds	7	1	4	3	15	6	240	40	2	288	65	5	10	1	81	5	187	7	1	200	584
% Cars & Peds	100	100	100	100	100	100	95.6	100	100	96.3	95.6	100	100	100	96.4	100	93.5	100	100	93.9	95.6
Trucks & Buses	0	0	0	0	0	0	10	0	0	10	3	0	0	0	3	0	9	0	0	9	22
% Trucks & Buses	0	0	0	0	0	0	4.0	0	0	3.3	4.4	0	0	0	3.6	0	4.5	0	0	4.2	3.6
Bikes by Direction	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
% Bikes by Direction	0	0	0	0	0	0	0.4	0	0	0.3	0	0	0	0	0	0	2.0	0	0	1.9	0.8

tel (781) 587-0086 cell (781) 439-4999

Page No : 3

[illegible]

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Cars & Peds

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	2	0	1	0	1	62	8	0	16	0	0	0	0	43	1	0	134
07:15 AM	3	0	3	0	2	57	21	0	29	0	2	0	0	58	1	0	176
07:30 AM	2	0	1	0	3	33	6	0	10	0	1	0	0	41	1	0	98
07:45 AM	1	0	0	2	1	47	8	0	22	0	2	0	1	51	3	1	139
Total	8	0	5	2	7	199	43	0	77	0	5	0	1	193	6	1	547
08:00 AM	1	0	1	0	2	58	12	0	18	1	3	0	1	46	1	1	145
08:15 AM	1	1	1	0	1	44	9	0	16	0	1	1	0	30	1	1	107
08:30 AM	3	1	1	2	1	42	11	0	27	1	3	1	3	45	1	0	142
08:45 AM	0	0	0	1	3	54	14	0	17	0	1	0	0	46	3	0	139
Total	5	2	3	3	7	198	46	0	78	2	8	2	4	167	6	2	533
09:00 AM	0	0	1	0	2	50	9	0	9	1	4	0	1	31	2	1	111
09:15 AM	1	0	0	2	2	38	10	1	10	1	1	0	1	37	1	0	105
09:30 AM	1	0	1	0	1	40	4	0	6	0	2	2	1	41	4	0	103
09:45 AM	3	0	1	5	2	43	6	0	3	0	2	3	1	46	0	2	117
Total	5	0	3	7	7	171	29	1	28	2	9	5	4	155	7	3	436
10:00 AM	2	0	0	1	2	44	4	0	6	0	0	0	1	41	1	1	103
10:15 AM	0	0	1	0	1	38	7	0	4	0	2	0	1	44	2	0	100
10:30 AM	0	0	2	1	1	33	5	0	6	0	2	0	0	37	2	0	89
10:45 AM	1	1	1	0	2	45	9	1	4	2	2	0	2	35	1	0	106
Total	3	1	4	2	6	160	25	1	20	2	6	0	4	157	6	1	398
11:00 AM	3	1	1	1	2	32	4	0	2	0	0	0	1	49	0	0	96
11:15 AM	2	0	0	0	3	54	4	0	4	1	1	0	1	43	1	0	114
11:30 AM	1	0	2	1	2	45	7	0	7	0	0	0	0	50	2	0	117
11:45 AM	1	0	0	0	1	51	6	0	5	0	1	0	0	45	0	0	110
Total	7	1	3	2	8	182	21	0	18	1	2	0	2	187	3	0	437
12:00 PM	1	1	1	0	3	55	10	0	5	1	4	0	1	42	2	1	127
12:15 PM	3	0	2	0	2	49	6	0	13	0	3	0	0	44	1	0	123
12:30 PM	0	1	1	1	2	41	7	0	8	0	0	0	1	51	2	0	115
12:45 PM	1	0	0	0	1	40	13	1	9	0	1	0	1	41	0	0	108
Total	5	2	4	1	8	185	36	1	35	1	8	0	3	178	5	1	473
01:00 PM	0	0	0	1	0	50	9	1	4	0	2	0	0	44	2	0	113
01:15 PM	3	0	0	0	1	37	1	1	5	1	1	0	2	47	0	4	103
01:30 PM	0	1	2	2	0	44	5	0	5	0	1	0	0	45	1	0	106
01:45 PM	0	0	2	0	0	67	13	0	5	2	4	1	1	46	1	1	143
Total	3	1	4	3	1	198	28	2	19	3	8	1	3	182	4	5	465
02:00 PM	2	0	2	1	1	69	13	1	8	0	2	0	3	55	3	0	160
02:15 PM	1	0	1	0	1	46	7	1	10	1	1	0	1	51	0	0	121
02:30 PM	3	1	1	2	1	56	12	0	23	2	3	1	1	38	0	1	145
02:45 PM	1	0	0	0	3	69	8	0	24	2	4	0	0	43	4	0	158
Total	7	1	4	3	6	240	40	2	65	5	10	1	5	187	7	1	584
03:00 PM	2	0	2	0	0	65	26	0	19	0	1	0	3	56	0	0	174
03:15 PM	3	0	1	0	1	50	19	0	10	1	1	0	1	37	2	0	126
03:30 PM	3	1	3	0	3	59	33	0	9	0	1	1	2	50	0	0	165
03:45 PM	4	0	3	0	7	65	17	0	11	1	1	0	1	48	2	0	160
Total	12	1	9	0	11	239	95	0	49	2	4	1	7	191	4	0	625
04:00 PM	2	2	4	0	3	68	26	2	8	2	4	0	1	69	2	0	193
04:15 PM	2	0	1	0	1	65	33	0	10	1	4	0	0	69	1	0	187
04:30 PM	2	2	3	0	1	60	27	0	5	0	2	0	2	57	1	1	163
04:45 PM	1	1	2	3	2	54	31	0	12	1	2	0	2	60	2	0	173
Total	7	5	10	3	7	247	117	2	35	4	12	0	5	255	6	1	716

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

Groups Printed- Cars & Peds

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		Int. Total
05:00 PM	3	1	3	0		2	77	35	0		11	0	2	0		1	65	2	0		202
05:15 PM	0	2	2	0		0	69	29	0		16	1	1	0		2	56	0	0		178
05:30 PM	1	1	3	1		2	58	27	0		14	1	0	1		2	54	4	1		170
05:45 PM	2	0	1	0		6	44	21	0		5	0	1	0		3	62	1	0		146
Total	6	4	9	1		10	248	112	0		46	2	4	1		8	237	7	1		696
Grand Total	68	18	58	27		78	2267	592	9		470	24	76	11		46	2089	61	16		5910
Apprch %	39.8	10.5	33.9	15.8		2.6	77	20.1	0.3		80.9	4.1	13.1	1.9		2.1	94.4	2.8	0.7		
Total %	1.2	0.3	1	0.5		1.3	38.4	10	0.2		8	0.4	1.3	0.2		0.8	35.3	1	0.3		

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	3	0	3	0	6	2	57	21	0	80	29	0	2	0	31	0	58	1	0	59	176
07:30 AM	2	0	1	0	3	3	33	6	0	42	10	0	1	0	11	0	41	1	0	42	98
07:45 AM	1	0	0	2	3	1	47	8	0	56	22	0	2	0	24	1	51	3	1	56	139
08:00 AM	1	0	1	0	2	2	58	12	0	72	18	1	3	0	22	1	46	1	1	49	145
Total Volume	7	0	5	2	14	8	195	47	0	250	79	1	8	0	88	2	196	6	2	206	558
% App. Total	50	0	35.7	14.3		3.2	78	18.8	0		89.8	1.1	9.1	0		1	95.1	2.9	1		
PHF	.583	.000	.417	.250	.583	.667	.841	.560	.000	.781	.681	.250	.667	.000	.710	.500	.845	.500	.500	.873	.793

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:00 PM

02:00 PM	2	0	2	1	5	1	69	13	1	84	8	0	2	0	10	3	55	3	0	61	160
02:15 PM	1	0	1	0	2	1	46	7	1	55	10	1	1	0	12	1	51	0	0	52	121
02:30 PM	3	1	1	2	7	1	56	12	0	69	23	2	3	1	29	1	38	0	1	40	145
02:45 PM	1	0	0	0	1	3	69	8	0	80	24	2	4	0	30	0	43	4	0	47	158
Total Volume	7	1	4	3	15	6	240	40	2	288	65	5	10	1	81	5	187	7	1	200	584
% App. Total	46.7	6.7	26.7	20		2.1	83.3	13.9	0.7		80.2	6.2	12.3	1.2		2.5	93.5	3.5	0.5		
PHF	.583	.250	.500	.375	.536	.500	.870	.769	.500	.857	.677	.625	.625	.250	.675	.417	.850	.438	.250	.820	.913

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:15 PM

04:15 PM	2	0	1	0	3	1	65	33	0	99	10	1	4	0	15	0	69	1	0	70	187
04:30 PM	2	2	3	0	7	1	60	27	0	88	5	0	2	0	7	2	57	1	1	61	163
04:45 PM	1	1	2	3	7	2	54	31	0	87	12	1	2	0	15	2	60	2	0	64	173
05:00 PM	3	1	3	0	7	2	77	35	0	114	11	0	2	0	13	1	65	2	0	68	202
Total Volume	8	4	9	3	24	6	256	126	0	388	38	2	10	0	50	5	251	6	1	263	725
% App. Total	33.3	16.7	37.5	12.5		1.5	66	32.5	0		76	4	20	0		1.9	95.4	2.3	0.4		
PHF	.667	.500	.750	.250	.857	.750	.831	.900	.000	.851	.792	.500	.625	.000	.833	.625	.909	.750	.250	.939	.897

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Mario Perone, mperone1@verizon.net

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N/S: Plaza Driveway/Union Street

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City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Trucks & Buses

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
07:15 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	2	0	0	1	0	0	0	0	4	0	0	7
08:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	3
08:15 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	4
08:30 AM	0	0	0	0	0	0	0	0	2	0	0	0	0	3	0	0	5
08:45 AM	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	4	0	0	4	0	0	0	0	6	0	0	14
09:00 AM	0	0	0	0	0	3	0	0	1	0	0	0	0	0	0	0	4
09:15 AM	0	0	0	0	0	5	0	0	0	0	0	0	0	1	0	0	6
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	8	0	0	1	0	0	0	0	1	0	0	10
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	4
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	2	0	0	0	0	0	0	0	3	0	0	5
11:00 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
11:15 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2
11:30 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	3
11:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	6	0	0	1	0	0	0	0	2	0	0	9
12:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	2
12:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
12:30 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	3
12:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	4
Total	0	0	1	0	0	5	0	0	0	0	0	0	0	5	0	0	11
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	1	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	5
01:30 PM	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	3
01:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	4	0	0	6
Total	1	0	1	0	0	7	0	0	0	0	0	0	0	5	0	0	14
02:00 PM	0	0	0	0	0	3	0	0	1	0	0	0	0	2	0	0	6
02:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	3	0	0	2	0	0	0	0	4	0	0	9
02:45 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	6
Total	0	0	0	0	0	10	0	0	3	0	0	0	0	9	0	0	22
03:00 PM	0	0	0	0	0	3	0	0	0	0	0	0	0	3	0	0	6
03:15 PM	0	0	0	0	0	4	1	0	0	0	0	0	0	2	0	0	7
03:30 PM	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
03:45 PM	0	0	0	0	0	2	0	0	1	0	0	0	0	4	0	0	7
Total	0	0	0	0	0	10	1	0	1	0	1	0	0	9	0	0	22
04:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	4
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
04:45 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	7	0	0	0	0	0	0	0	2	0	0	9

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N/S: Plaza Driveway/Union Street

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File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

Groups Printed- Trucks & Buses

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				Int. Total
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
05:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
05:30 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	5
Grand Total	1	0	2	0	0	64	1	0	11	0	1	0	0	48	0	0	128
Apprch %	33.3	0	66.7	0	0	98.5	1.5	0	91.7	0	8.3	0	0	100	0	0	
Total %	0.8	0	1.6	0	0	50	0.8	0	8.6	0	0.8	0	0	37.5	0	0	

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					Int. Total
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:30 AM																					
08:30 AM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	3	0	0	3	5
08:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	0	0	0	2
09:00 AM	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	4
09:15 AM	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	6
Total Volume	0	0	0	0	0	0	8	0	0	8	5	0	0	0	5	0	4	0	0	4	17
% App. Total	0	0	0	0	0	0	100	0	0	100	100	0	0	0	100	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.400	.000	.000	.400	.625	.000	.000	.000	.625	.000	.333	.000	.000	.333	.708

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 01:45 PM

01:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	6
02:00 PM	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	6
02:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	0	3	0	0	3	2	0	0	0	2	0	4	0	0	4	9
Total Volume	0	0	0	0	0	0	9	0	0	9	3	0	0	0	3	0	10	0	0	10	22
% App. Total	0	0	0	0	0	0	100	0	0	100	100	0	0	0	100	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.750	.000	.000	.750	.375	.000	.000	.000	.375	.000	.625	.000	.000	.625	.611

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:00 PM

03:00 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	6
03:15 PM	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	0	2	0	0	2	7
03:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	2
03:45 PM	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	4	0	0	4	7
Total Volume	0	0	0	0	0	0	10	1	0	11	1	0	1	0	2	0	9	0	0	9	22
% App. Total	0	0	0	0	0	0	90.9	9.1	0	100	50	0	50	0	100	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.625	.250	.000	.550	.250	.000	.250	.000	.500	.000	.563	.000	.000	.563	.786

tel (781) 587-0086 cell (781) 439-4999

Page No : 1

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Page No : 2

	Central Cafe Driveway From North				Central Street From East				Union Street From South				Central Street From West				
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Int. Total
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	2	1	0	0	0	0	0	0	6	0	0	9
Apprch %	0	0	0	0	0	66.7	33.3	0	0	0	0	0	0	100	0	0	
Total %	0	0	0	0	0	22.2	11.1	0	0	0	0	0	0	66.7	0	0	

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 09:00 AM																					
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
% App. Total	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.500

02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
02:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	3
Total Volume	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
% App. Total	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	100	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.417

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Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/E. Buck

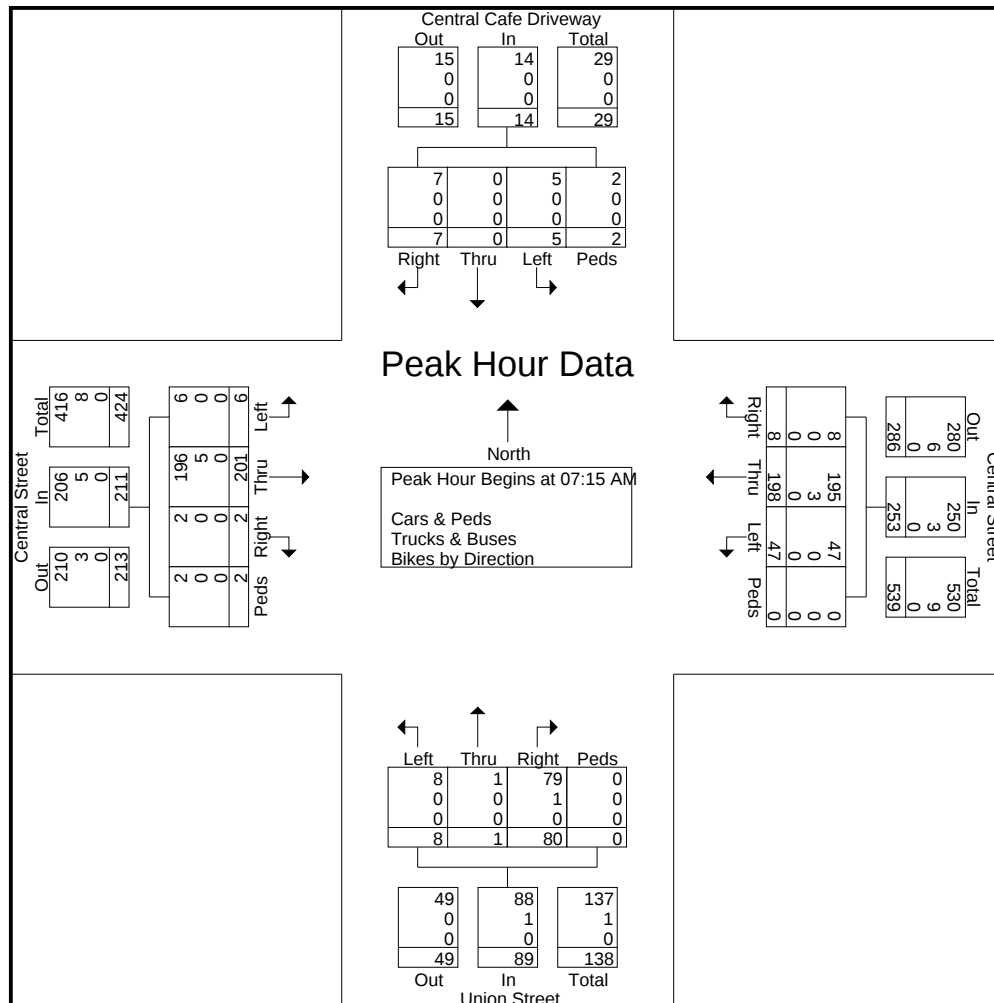
File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	3	0	3	0	6	2	59	21	0	82	29	0	2	0	31	0	61	1	0	62	181
07:30 AM	2	0	1	0	3	3	33	6	0	42	10	0	1	0	11	0	41	1	0	42	98
07:45 AM	1	0	0	2	3	1	47	8	0	56	23	0	2	0	25	1	51	3	1	56	140
08:00 AM	1	0	1	0	2	2	59	12	0	73	18	1	3	0	22	1	48	1	1	51	148
Total Volume	7	0	5	2	14	8	198	47	0	253	80	1	8	0	89	2	201	6	2	211	567
% App. Total	50	0	35.7	14.3		3.2	78.3	18.6	0		89.9	1.1	9	0		0.9	95.3	2.8	0.9		
PHF	.583	.000	.417	.250	.583	.667	.839	.560	.000	.771	.690	.250	.667	.000	.718	.500	.824	.500	.500	.851	.783
Cars & Peds	7	0	5	2	14	8	195	47	0	250	79	1	8	0	88	2	196	6	2	206	558
% Cars & Peds	100	0	100	100	100	100	98.5	100	0	98.8	98.8	100	100	0	98.9	100	97.5	100	100	97.6	98.4
Trucks & Buses	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	0	5	0	0	5	9
% Trucks & Buses	0	0	0	0	0	0	1.5	0	0	1.2	1.3	0	0	0	1.1	0	2.5	0	0	2.4	1.6
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

E/W: Central Street

City, State: Holliston, MA

Client: McM/E. Buck

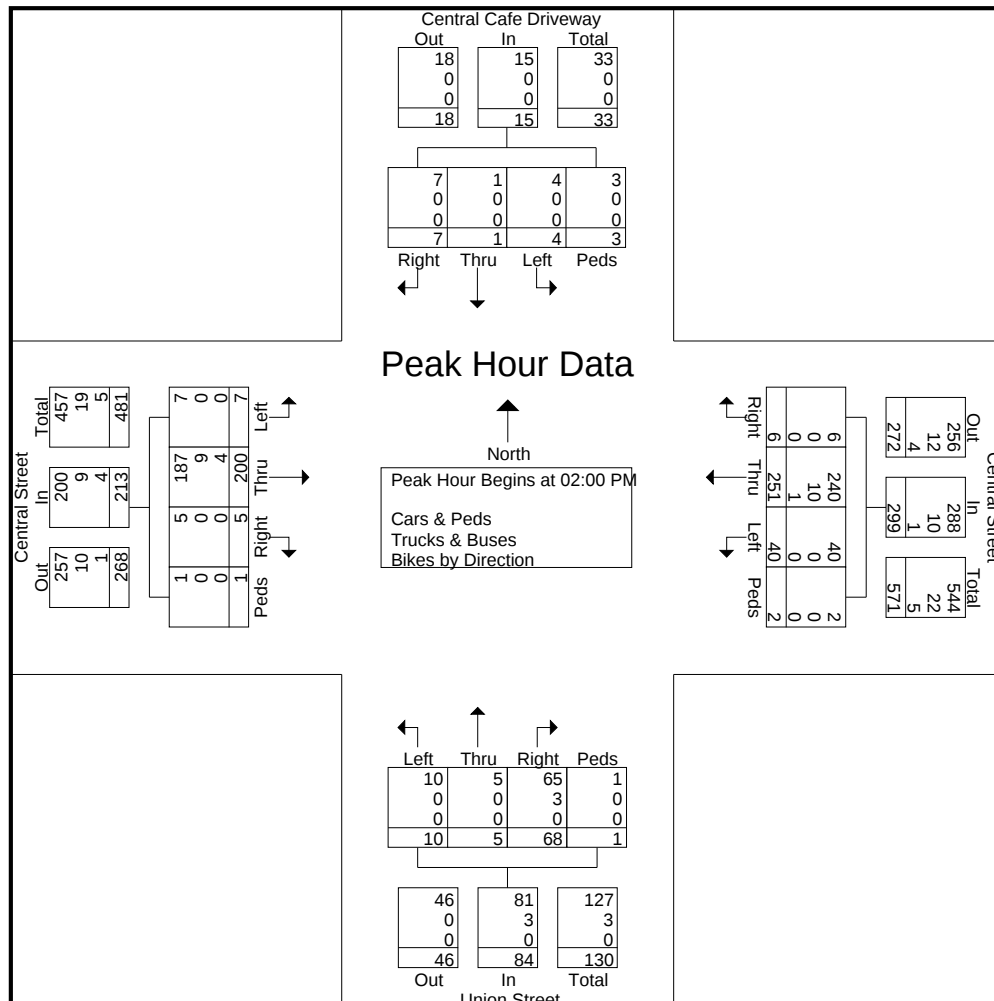
File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 02:00 PM																					
02:00 PM	2	0	2	1	5	1	72	13	1	87	9	0	2	0	11	3	58	3	0	64	167
02:15 PM	1	0	1	0	2	1	47	7	1	56	10	1	1	0	12	1	51	0	0	52	122
02:30 PM	3	1	1	2	7	1	59	12	0	72	25	2	3	1	31	1	43	0	1	45	155
02:45 PM	1	0	0	0	1	3	73	8	0	84	24	2	4	0	30	0	48	4	0	52	167
Total Volume	7	1	4	3	15	6	251	40	2	299	68	5	10	1	84	5	200	7	1	213	611
% App. Total	46.7	6.7	26.7	20		2	83.9	13.4	0.7		81	6	11.9	1.2		2.3	93.9	3.3	0.5		
PHF	.583	.250	.500	.375	.536	.500	.860	.769	.500	.859	.680	.625	.625	.250	.677	.417	.862	.438	.250	.832	.915
Cars & Peds	7	1	4	3	15	6	240	40	2	288	65	5	10	1	81	5	187	7	1	200	584
% Cars & Peds	100	100	100	100	100	100	95.6	100	100	96.3	95.6	100	100	100	96.4	100	93.5	100	100	93.9	95.6
Trucks & Buses	0	0	0	0	0	0	10	0	0	10	3	0	0	0	3	0	9	0	0	9	22
% Trucks & Buses	0	0	0	0	0	0	4.0	0	0	3.3	4.4	0	0	0	3.6	0	4.5	0	0	4.2	3.6
Bikes by Direction	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
% Bikes by Direction	0	0	0	0	0	0	0.4	0	0	0.3	0	0	0	0	0	0	2.0	0	0	1.9	0.8



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Plaza Driveway/Union Street

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City, State: Holliston, MA

Client: McM/E. Buck

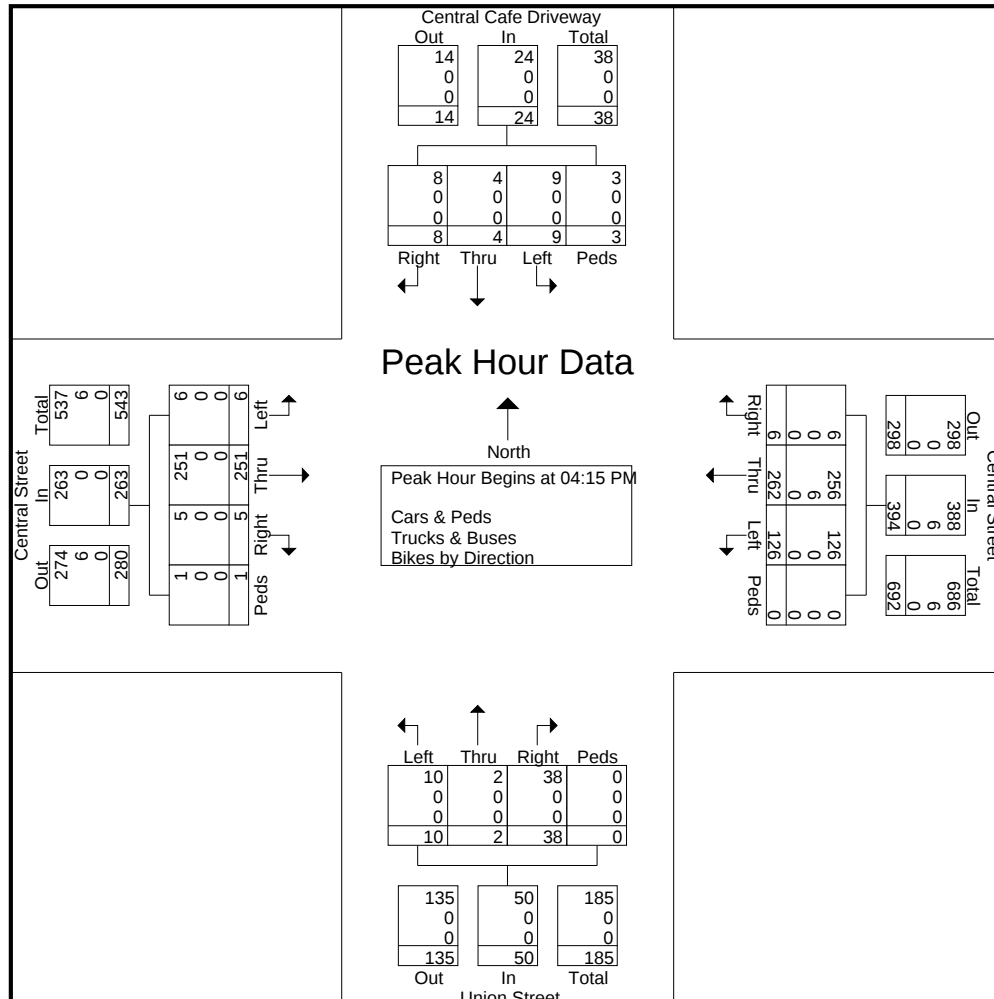
File Name : 05095A

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 3

	Central Cafe Driveway From North					Central Street From East					Union Street From South					Central Street From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	2	0	1	0	3	1	65	33	0	99	10	1	4	0	15	0	69	1	0	70	187
04:30 PM	2	2	3	0	7	1	64	27	0	92	5	0	2	0	7	2	57	1	1	61	167
04:45 PM	1	1	2	3	7	2	55	31	0	88	12	1	2	0	15	2	60	2	0	64	174
05:00 PM	3	1	3	0	7	2	78	35	0	115	11	0	2	0	13	1	65	2	0	68	203
Total Volume	8	4	9	3	24	6	262	126	0	394	38	2	10	0	50	5	251	6	1	263	731
% App. Total	33.3	16.7	37.5	12.5		1.5	66.5	32	0		76	4	20	0		1.9	95.4	2.3	0.4		
PHF	.667	.500	.750	.250	.857	.750	.840	.900	.000	.857	.792	.500	.625	.000	.833	.625	.909	.750	.250	.939	.900
Cars & Peds	8	4	9	3	24	6	256	126	0	388	38	2	10	0	50	5	251	6	1	263	725
% Cars & Peds	100	100	100	100	100	100	97.7	100	0	98.5	100	100	100	0	100	100	100	100	100	100	99.2
Trucks & Buses	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	6
% Trucks & Buses	0	0	0	0	0	0	2.3	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0.8
Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Bikes by Direction	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	0	53	0	161	16	0	20	9	3	262
07:15 AM	4	83	0	172	18	0	25	16	0	318
07:30 AM	0	31	0	104	0	0	6	8	4	153
07:45 AM	0	44	0	144	1	0	2	15	6	212
Total	4	211	0	581	35	0	53	48	13	945
08:00 AM	2	80	0	123	1	0	8	8	0	222
08:15 AM	0	28	0	96	1	0	1	8	0	134
08:30 AM	1	49	0	153	2	0	2	5	4	216
08:45 AM	1	102	0	122	3	0	3	10	1	242
Total	4	259	0	494	7	0	14	31	5	814
09:00 AM	1	41	0	48	0	0	2	4	0	96
09:15 AM	1	24	0	55	0	0	5	1	0	86
09:30 AM	0	22	0	32	1	0	4	3	0	62
09:45 AM	0	19	0	30	0	0	5	5	1	60
Total	2	106	0	165	1	0	16	13	1	304
10:00 AM	1	24	0	38	1	0	3	3	0	70
10:15 AM	1	24	0	35	0	0	6	1	0	67
10:30 AM	0	24	0	45	0	0	2	2	0	73
10:45 AM	1	28	0	41	0	0	5	2	2	79
Total	3	100	0	159	1	0	16	8	2	289
11:00 AM	2	31	0	47	1	0	3	3	0	87
11:15 AM	1	27	0	35	0	0	2	5	3	73
11:30 AM	1	31	0	34	0	0	4	2	0	72
11:45 AM	0	37	0	42	1	0	2	1	2	85
Total	4	126	0	158	2	0	11	11	5	317
12:00 PM	1	44	0	38	0	0	5	4	0	92
12:15 PM	1	44	0	45	1	0	1	1	0	93
12:30 PM	0	41	0	42	0	0	6	2	3	94
12:45 PM	1	44	0	39	0	0	4	1	1	90
Total	3	173	0	164	1	0	16	8	4	369
01:00 PM	1	37	0	36	2	0	7	7	0	90
01:15 PM	0	40	0	35	0	1	6	1	0	83
01:30 PM	2	42	0	44	1	0	2	4	0	95
01:45 PM	0	54	3	55	3	0	7	4	1	127
Total	3	173	3	170	6	1	22	16	1	395
02:00 PM	1	81	0	43	0	0	21	5	1	152
02:15 PM	2	53	0	84	1	0	7	7	0	154
02:30 PM	2	122	0	69	1	0	8	3	8	213
02:45 PM	2	84	0	95	2	0	14	15	14	226
Total	7	340	0	291	4	0	50	30	23	745
03:00 PM	2	130	0	90	1	0	27	12	1	263
03:15 PM	3	146	0	56	1	0	15	9	0	230
03:30 PM	3	147	0	48	1	0	17	2	4	222
03:45 PM	3	130	0	58	0	0	15	9	2	217
Total	11	553	0	252	3	0	74	32	7	932
04:00 PM	2	145	0	58	1	0	14	5	1	226
04:15 PM	3	156	0	65	5	0	16	9	0	254
04:30 PM	3	159	0	62	0	0	15	2	0	241

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

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City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

Groups Printed- Cars & Peds - Trucks & Buses - Bikes by Direction

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	3	141	0	60	3	0	17	4	0	228
Total	11	601	0	245	9	0	62	20	1	949
05:00 PM	8	167	0	42	1	0	18	10	0	246
05:15 PM	4	129	0	39	2	0	25	6	0	205
05:30 PM	4	111	0	44	2	0	14	3	1	179
05:45 PM	0	101	0	56	1	0	12	5	0	175
Total	16	508	0	181	6	0	69	24	1	805
Grand Total	68	3150	3	2860	75	1	403	241	63	6864
Apprch %	2.1	97.8	0.1	97.4	2.6	0	57	34.1	8.9	
Total %	1	45.9	0	41.7	1.1	0	5.9	3.5	0.9	
Cars & Peds	67	3071	3	2733	74	1	358	233	63	6603
% Cars & Peds	98.5	97.5	100	95.6	98.7	100	88.8	96.7	100	96.2
Trucks & Buses	1	76	0	123	1	0	45	7	0	253
% Trucks & Buses	1.5	2.4	0	4.3	1.3	0	11.2	2.9	0	3.7
Bikes by Direction	0	3	0	4	0	0	0	1	0	8
% Bikes by Direction	0	0.1	0	0.1	0	0	0	0.4	0	0.1

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	53	0	53	161	16	0	177	20	9	3	32	262
07:15 AM	4	83	0	87	172	18	0	190	25	16	0	41	318
07:30 AM	0	31	0	31	104	0	0	104	6	8	4	18	153
07:45 AM	0	44	0	44	144	1	0	145	2	15	6	23	212
Total Volume	4	211	0	215	581	35	0	616	53	48	13	114	945
% App. Total	1.9	98.1	0		94.3	5.7	0		46.5	42.1	11.4		
PHF	.250	.636	.000	.618	.844	.486	.000	.811	.530	.750	.542	.695	.743
Cars & Peds	4	207	0	211	553	35	0	588	38	46	13	97	896
% Cars & Peds	100	98.1	0	98.1	95.2	100	0	95.5	71.7	95.8	100	85.1	94.8
Trucks & Buses	0	4	0	4	27	0	0	27	15	2	0	17	48
% Trucks & Buses	0	1.9	0	1.9	4.6	0	0	4.4	28.3	4.2	0	14.9	5.1
Bikes by Direction	0	0	0	0	1	0	0	1	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0.1

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:00 PM

02:00 PM	1	81	0	82	43	0	0	43	21	5	1	27	152
02:15 PM	2	53	0	55	84	1	0	85	7	7	0	14	154
02:30 PM	2	122	0	124	69	1	0	70	8	3	8	19	213
02:45 PM	2	84	0	86	95	2	0	97	14	15	14	43	226
Total Volume	7	340	0	347	291	4	0	295	50	30	23	103	745
% App. Total	2	98	0		98.6	1.4	0		48.5	29.1	22.3		
PHF	.875	.697	.000	.700	.766	.500	.000	.760	.595	.500	.411	.599	.824
Cars & Peds	7	323	0	330	275	4	0	279	34	30	23	87	696
% Cars & Peds	100	95.0	0	95.1	94.5	100	0	94.6	68.0	100	100	84.5	93.4
Trucks & Buses	0	15	0	15	15	0	0	15	16	0	0	16	46
% Trucks & Buses	0	4.4	0	4.3	5.2	0	0	5.1	32.0	0	0	15.5	6.2
Bikes by Direction	0	2	0	2	1	0	0	1	0	0	0	0	3
% Bikes by Direction	0	0.6	0	0.6	0.3	0	0	0.3	0	0	0	0	0.4

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

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City, State: Holliston, MA

Client: McM/E. Buck

File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

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	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:15 PM													
04:15 PM	3	156	0	159	65	5	0	70	16	9	0	25	254
04:30 PM	3	159	0	162	62	0	0	62	15	2	0	17	241
04:45 PM	3	141	0	144	60	3	0	63	17	4	0	21	228
05:00 PM	8	167	0	175	42	1	0	43	18	10	0	28	246
Total Volume	17	623	0	640	229	9	0	238	66	25	0	91	969
% App. Total	2.7	97.3	0		96.2	3.8	0		72.5	27.5	0		
PHF	.531	.933	.000	.914	.881	.450	.000	.850	.917	.625	.000	.813	.954
Cars & Peds	17	618	0	635	227	9	0	236	65	25	0	90	961
% Cars & Peds	100	99.2	0	99.2	99.1	100	0	99.2	98.5	100	0	98.9	99.2
Trucks & Buses	0	5	0	5	1	0	0	1	1	0	0	1	7
% Trucks & Buses	0	0.8	0	0.8	0.4	0	0	0.4	1.5	0	0	1.1	0.7
Bikes by Direction	0	0	0	0	1	0	0	1	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0.1

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

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File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Cars & Peds

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	0	52	0	147	16	0	13	9	3	240
07:15 AM	4	81	0	166	18	0	19	14	0	302
07:30 AM	0	31	0	103	0	0	4	8	4	150
07:45 AM	0	43	0	137	1	0	2	15	6	204
Total	4	207	0	553	35	0	38	46	13	896
08:00 AM	2	74	0	120	1	0	3	8	0	208
08:15 AM	0	28	0	94	1	0	1	8	0	132
08:30 AM	1	49	0	143	1	0	2	5	4	205
08:45 AM	1	98	0	120	3	0	3	9	1	235
Total	4	249	0	477	6	0	9	30	5	780
09:00 AM	1	39	0	47	0	0	2	4	0	93
09:15 AM	1	20	0	51	0	0	3	1	0	76
09:30 AM	0	22	0	31	1	0	4	3	0	61
09:45 AM	0	17	0	30	0	0	4	5	1	57
Total	2	98	0	159	1	0	13	13	1	287
10:00 AM	1	24	0	38	1	0	3	3	0	70
10:15 AM	0	21	0	33	0	0	6	1	0	61
10:30 AM	0	24	0	42	0	0	2	2	0	70
10:45 AM	1	28	0	40	0	0	5	2	2	78
Total	2	97	0	153	1	0	16	8	2	279
11:00 AM	2	29	0	47	1	0	3	2	0	84
11:15 AM	1	26	0	32	0	0	2	5	3	69
11:30 AM	1	30	0	33	0	0	4	2	0	70
11:45 AM	0	37	0	40	1	0	2	1	2	83
Total	4	122	0	152	2	0	11	10	5	306
12:00 PM	1	43	0	36	0	0	5	3	0	88
12:15 PM	1	43	0	41	1	0	1	1	0	88
12:30 PM	0	39	0	41	0	0	6	2	3	91
12:45 PM	1	43	0	36	0	0	4	1	1	86
Total	3	168	0	154	1	0	16	7	4	353
01:00 PM	1	36	0	36	2	0	6	7	0	88
01:15 PM	0	39	0	34	0	1	6	1	0	81
01:30 PM	2	42	0	40	1	0	2	4	0	91
01:45 PM	0	53	3	51	3	0	7	4	1	122
Total	3	170	3	161	6	1	21	16	1	382
02:00 PM	1	77	0	43	0	0	6	5	1	133
02:15 PM	2	53	0	78	1	0	6	7	0	147
02:30 PM	2	110	0	62	1	0	8	3	8	194
02:45 PM	2	83	0	92	2	0	14	15	14	222
Total	7	323	0	275	4	0	34	30	23	696
03:00 PM	2	128	0	80	1	0	25	11	1	248
03:15 PM	3	134	0	53	1	0	15	8	0	214
03:30 PM	3	145	0	48	1	0	16	2	4	219
03:45 PM	3	129	0	50	0	0	15	8	2	207
Total	11	536	0	231	3	0	71	29	7	888
04:00 PM	2	143	0	55	1	0	13	5	1	220
04:15 PM	3	156	0	64	5	0	16	9	0	253
04:30 PM	3	156	0	62	0	0	15	2	0	238

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

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Client: McM/E. Buck

File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

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Groups Printed- Cars & Peds

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	3	140	0	60	3	0	17	4	0	227
Total	11	595	0	241	9	0	61	20	1	938
05:00 PM	8	166	0	41	1	0	17	10	0	243
05:15 PM	4	128	0	37	2	0	25	6	0	202
05:30 PM	4	111	0	44	2	0	14	3	1	179
05:45 PM	0	101	0	55	1	0	12	5	0	174
Total	16	506	0	177	6	0	68	24	1	798
Grand Total	67	3071	3	2733	74	1	358	233	63	6603
Apprch %	2.1	97.8	0.1	97.3	2.6	0	54.7	35.6	9.6	
Total %	1	46.5	0	41.4	1.1	0	5.4	3.5	1	

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	52	0	52	147	16	0	163	13	9	3	25	240
07:15 AM	4	81	0	85	166	18	0	184	19	14	0	33	302
07:30 AM	0	31	0	31	103	0	0	103	4	8	4	16	150
07:45 AM	0	43	0	43	137	1	0	138	2	15	6	23	204
Total Volume	4	207	0	211	553	35	0	588	38	46	13	97	896
% App. Total	1.9	98.1	0		94	6	0		39.2	47.4	13.4		
PHF	.250	.639	.000	.621	.833	.486	.000	.799	.500	.767	.542	.735	.742

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 02:00 PM

02:00 PM	1	77	0	78	43	0	0	43	6	5	1	12	133
02:15 PM	2	53	0	55	78	1	0	79	6	7	0	13	147
02:30 PM	2	110	0	112	62	1	0	63	8	3	8	19	194
02:45 PM	2	83	0	85	92	2	0	94	14	15	14	43	222
Total Volume	7	323	0	330	275	4	0	279	34	30	23	87	696
% App. Total	2.1	97.9	0		98.6	1.4	0		39.1	34.5	26.4		
PHF	.875	.734	.000	.737	.747	.500	.000	.742	.607	.500	.411	.506	.784

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:15 PM

04:15 PM	3	156	0	159	64	5	0	69	16	9	0	25	253
04:30 PM	3	156	0	159	62	0	0	62	15	2	0	17	238
04:45 PM	3	140	0	143	60	3	0	63	17	4	0	21	227
05:00 PM	8	166	0	174	41	1	0	42	17	10	0	27	243
Total Volume	17	618	0	635	227	9	0	236	65	25	0	90	961
% App. Total	2.7	97.3	0		96.2	3.8	0		72.2	27.8	0		
PHF	.531	.931	.000	.912	.887	.450	.000	.855	.956	.625	.000	.833	.950

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

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Client: McM/E. Buck

File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

Groups Printed- Trucks & Buses

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	0	1	0	14	0	0	7	0	0	22
07:15 AM	0	2	0	6	0	0	6	2	0	16
07:30 AM	0	0	0	1	0	0	2	0	0	3
07:45 AM	0	1	0	6	0	0	0	0	0	7
Total	0	4	0	27	0	0	15	2	0	48
08:00 AM	0	6	0	3	0	0	5	0	0	14
08:15 AM	0	0	0	2	0	0	0	0	0	2
08:30 AM	0	0	0	10	1	0	0	0	0	11
08:45 AM	0	4	0	2	0	0	0	1	0	7
Total	0	10	0	17	1	0	5	1	0	34
09:00 AM	0	2	0	1	0	0	0	0	0	3
09:15 AM	0	4	0	4	0	0	2	0	0	10
09:30 AM	0	0	0	1	0	0	0	0	0	1
09:45 AM	0	2	0	0	0	0	1	0	0	3
Total	0	8	0	6	0	0	3	0	0	17
10:00 AM	0	0	0	0	0	0	0	0	0	0
10:15 AM	1	3	0	2	0	0	0	0	0	6
10:30 AM	0	0	0	3	0	0	0	0	0	3
10:45 AM	0	0	0	1	0	0	0	0	0	1
Total	1	3	0	6	0	0	0	0	0	10
11:00 AM	0	2	0	0	0	0	0	0	0	2
11:15 AM	0	1	0	3	0	0	0	0	0	4
11:30 AM	0	1	0	1	0	0	0	0	0	2
11:45 AM	0	0	0	2	0	0	0	0	0	2
Total	0	4	0	6	0	0	0	0	0	10
12:00 PM	0	1	0	2	0	0	0	1	0	4
12:15 PM	0	1	0	4	0	0	0	0	0	5
12:30 PM	0	2	0	0	0	0	0	0	0	2
12:45 PM	0	1	0	3	0	0	0	0	0	4
Total	0	5	0	9	0	0	0	1	0	15
01:00 PM	0	1	0	0	0	0	1	0	0	2
01:15 PM	0	1	0	1	0	0	0	0	0	2
01:30 PM	0	0	0	4	0	0	0	0	0	4
01:45 PM	0	1	0	4	0	0	0	0	0	5
Total	0	3	0	9	0	0	1	0	0	13
02:00 PM	0	3	0	0	0	0	15	0	0	18
02:15 PM	0	0	0	6	0	0	1	0	0	7
02:30 PM	0	11	0	7	0	0	0	0	0	18
02:45 PM	0	1	0	2	0	0	0	0	0	3
Total	0	15	0	15	0	0	16	0	0	46
03:00 PM	0	2	0	10	0	0	2	1	0	15
03:15 PM	0	11	0	3	0	0	0	1	0	15
03:30 PM	0	2	0	0	0	0	1	0	0	3
03:45 PM	0	1	0	8	0	0	0	1	0	10
Total	0	16	0	21	0	0	3	3	0	43
04:00 PM	0	2	0	3	0	0	1	0	0	6
04:15 PM	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	3	0	0	0	0	0	0	0	3

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

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Groups Printed- Trucks & Buses

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	0	1	0	0	0	0	0	0	0	1
Total	0	6	0	3	0	0	1	0	0	10
05:00 PM	0	1	0	1	0	0	1	0	0	3
05:15 PM	0	1	0	2	0	0	0	0	0	3
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	1	0	0	0	0	0	1
Total	0	2	0	4	0	0	1	0	0	7
Grand Total	1	76	0	123	1	0	45	7	0	253
Apprch %	1.3	98.7	0	99.2	0.8	0	86.5	13.5	0	
Total %	0.4	30	0	48.6	0.4	0	17.8	2.8	0	

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	1	0	1	14	0	0	14	7	0	0	7	22
07:15 AM	0	2	0	2	6	0	0	6	6	2	0	8	16
07:30 AM	0	0	0	0	1	0	0	1	2	0	0	2	3
07:45 AM	0	1	0	1	6	0	0	6	0	0	0	0	7
Total Volume	0	4	0	4	27	0	0	27	15	2	0	17	48
% App. Total	0	100	0		100	0	0		88.2	11.8	0		
PHF	.000	.500	.000	.500	.482	.000	.000	.482	.536	.250	.000	.531	.545

Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 01:45 PM

01:45 PM	0	1	0	1	4	0	0	4	0	0	0	0	5
02:00 PM	0	3	0	3	0	0	0	0	15	0	0	15	18
02:15 PM	0	0	0	0	6	0	0	6	1	0	0	1	7
02:30 PM	0	11	0	11	7	0	0	7	0	0	0	0	18
Total Volume	0	15	0	15	17	0	0	17	16	0	0	16	48
% App. Total	0	100	0		100	0	0		100	0	0		
PHF	.000	.341	.000	.341	.607	.000	.000	.607	.267	.000	.000	.267	.667

Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 03:00 PM

03:00 PM	0	2	0	2	10	0	0	10	2	1	0	3	15
03:15 PM	0	11	0	11	3	0	0	3	0	1	0	1	15
03:30 PM	0	2	0	2	0	0	0	0	1	0	0	1	3
03:45 PM	0	1	0	1	8	0	0	8	0	1	0	1	10
Total Volume	0	16	0	16	21	0	0	21	3	3	0	6	43
% App. Total	0	100	0		100	0	0		50	50	0		
PHF	.000	.364	.000	.364	.525	.000	.000	.525	.375	.750	.000	.500	.717

tel (781) 587-0086 cell (781) 439-4999

Page No : 1

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
07:00 AM	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	1	0	0	0	0	0	1
Total	0	0	0	1	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	1	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	1	0	1
12:00 PM	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	1	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	0	0	0	1
01:00 PM	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
02:00 PM	0	1	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	1	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	1	0	0	0	0	0	1
Total	0	2	0	1	0	0	0	0	0	3
03:00 PM	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	1	0	0	0	0	0	0	0	1
03:30 PM	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	0	0	0	0	0	1
04:00 PM	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	1	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	0	0	0	0	0

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Page No : 2

	Woodland Street From North			Railroad Street From South			Linden Street From West			
Start Time	Right	Thru	Peds	Thru	Left	Peds	Right	Left	Peds	Int. Total
04:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0
Grand Total	0	3	0	4	0	0	0	1	0	8
Apprch %	0	100	0	100	0	0	0	100	0	
Total %	0	37.5	0	50	0	0	0	12.5	0	

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
Total Volume	0	0	0	0	1	0	0	1	0	0	0	0	1
% App. Total	0	0	0		100	0	0		0	0	0		
PHF	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.250

02:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	1	0	1	0	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	1
Total Volume	0	2	0	2	1	0	0	1	0	0	0	0	3
% App. Total	0	100	0		100	0	0		0	0	0		
PHF	.000	.500	.000	.500	.250	.000	.000	.250	.000	.000	.000	.000	.750

[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/E. Buck

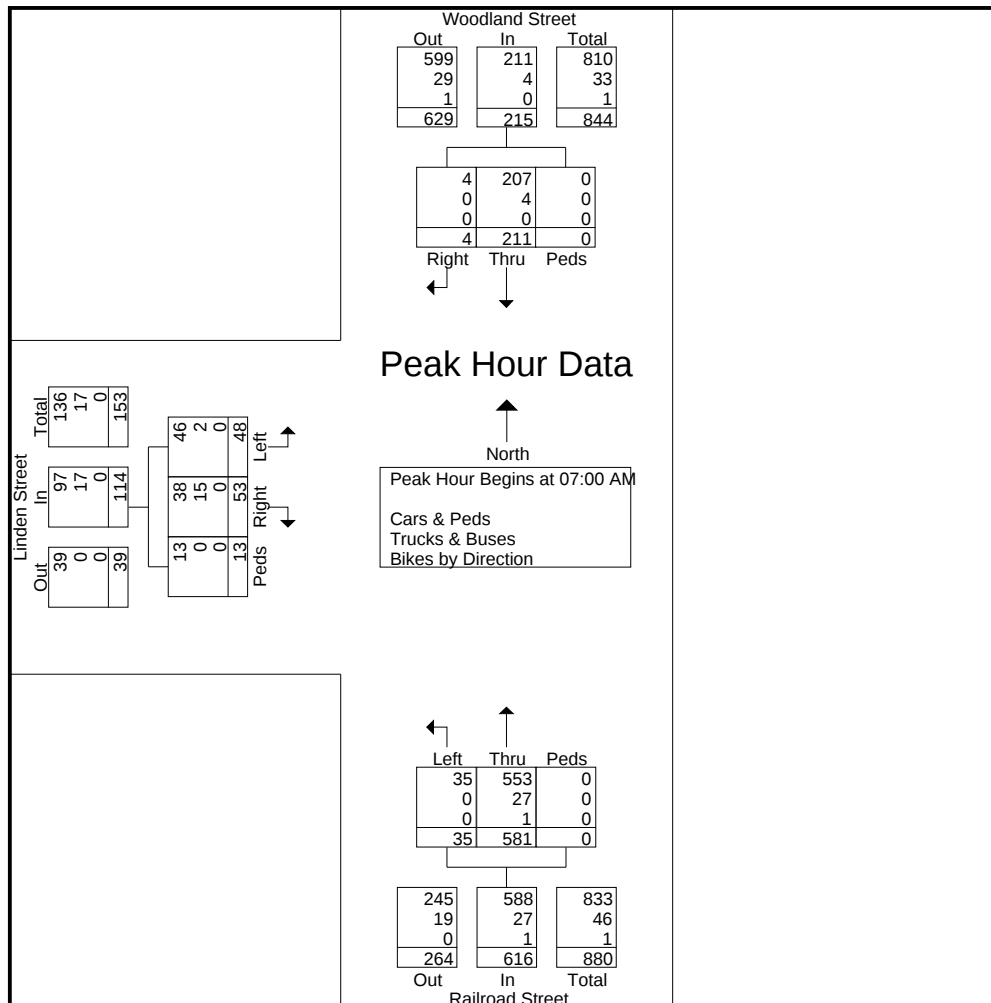
File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 1

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 09:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	53	0	53	161	16	0	177	20	9	3	32	262
07:15 AM	4	83	0	87	172	18	0	190	25	16	0	41	318
07:30 AM	0	31	0	31	104	0	0	104	6	8	4	18	153
07:45 AM	0	44	0	44	144	1	0	145	2	15	6	23	212
Total Volume	4	211	0	215	581	35	0	616	53	48	13	114	945
% App. Total	1.9	98.1	0		94.3	5.7	0		46.5	42.1	11.4		
PHF	.250	.636	.000	.618	.844	.486	.000	.811	.530	.750	.542	.695	.743
Cars & Peds	4	207	0	211	553	35	0	588	38	46	13	97	896
% Cars & Peds	100	98.1	0	98.1	95.2	100	0	95.5	71.7	95.8	100	85.1	94.8
Trucks & Buses	0	4	0	4	27	0	0	27	15	2	0	17	48
% Trucks & Buses	0	1.9	0	1.9	4.6	0	0	4.4	28.3	4.2	0	14.9	5.1
Bikes by Direction	0	0	0	0	1	0	0	1	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0.2	0	0	0.2	0	0	0	0	0.1



Transportation Data Corporation

Mario Perone, mperone1@verizon.net

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N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/E. Buck

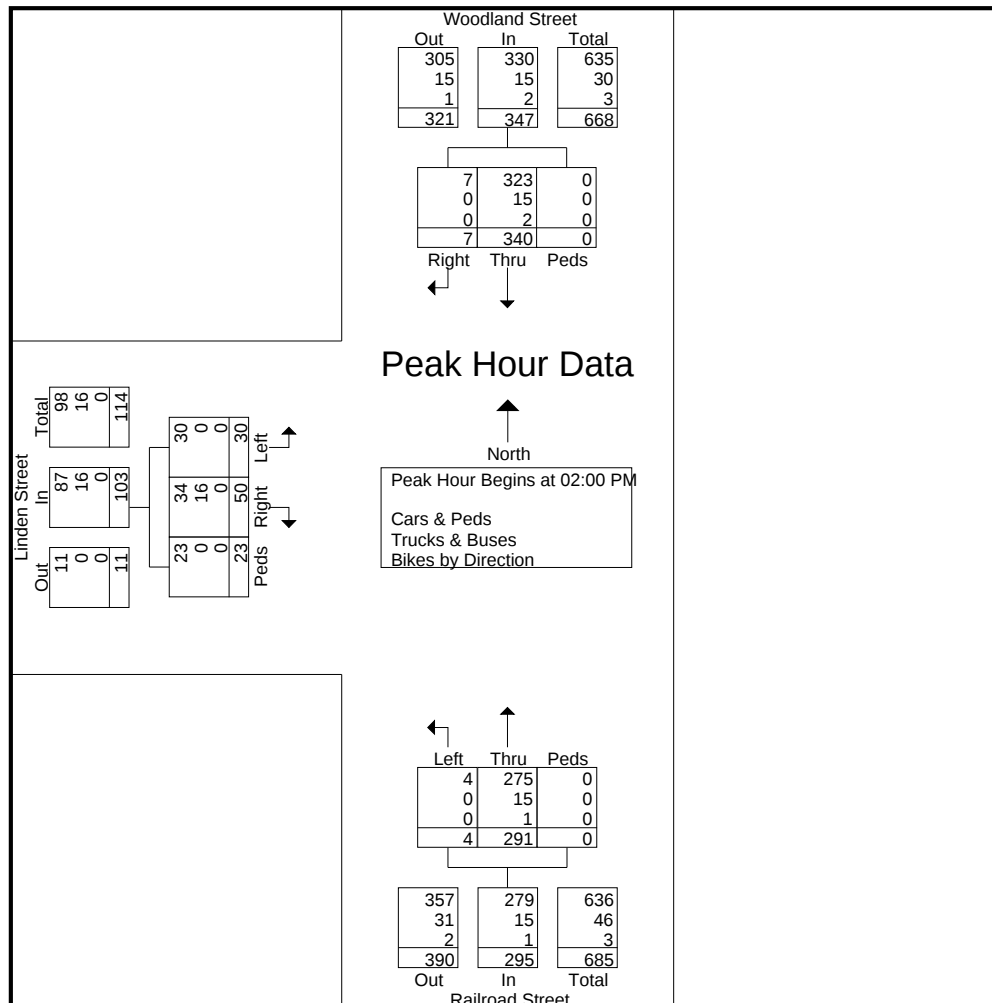
File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 2

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 10:00 AM to 02:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:00 PM													
02:00 PM	1	81	0	82	43	0	0	43	21	5	1	27	152
02:15 PM	2	53	0	55	84	1	0	85	7	7	0	14	154
02:30 PM	2	122	0	124	69	1	0	70	8	3	8	19	213
02:45 PM	2	84	0	86	95	2	0	97	14	15	14	43	226
Total Volume	7	340	0	347	291	4	0	295	50	30	23	103	745
% App. Total	2	98	0		98.6	1.4	0		48.5	29.1	22.3		
PHF	.875	.697	.000	.700	.766	.500	.000	.760	.595	.500	.411	.599	.824
Cars & Peds	7	323	0	330	275	4	0	279	34	30	23	87	696
% Cars & Peds	100	95.0	0	95.1	94.5	100	0	94.6	68.0	100	100	84.5	93.4
Trucks & Buses	0	15	0	15	15	0	0	15	16	0	0	16	46
% Trucks & Buses	0	4.4	0	4.3	5.2	0	0	5.1	32.0	0	0	15.5	6.2
Bikes by Direction	0	2	0	2	1	0	0	1	0	0	0	0	3
% Bikes by Direction	0	0.6	0	0.6	0.3	0	0	0.3	0	0	0	0	0.4



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Mario Perone, mperone1@verizon.net

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N/S: Woodland Street/RR Street

W: Linden Street

City, State: Holliston, MA

Client: McM/E. Buck

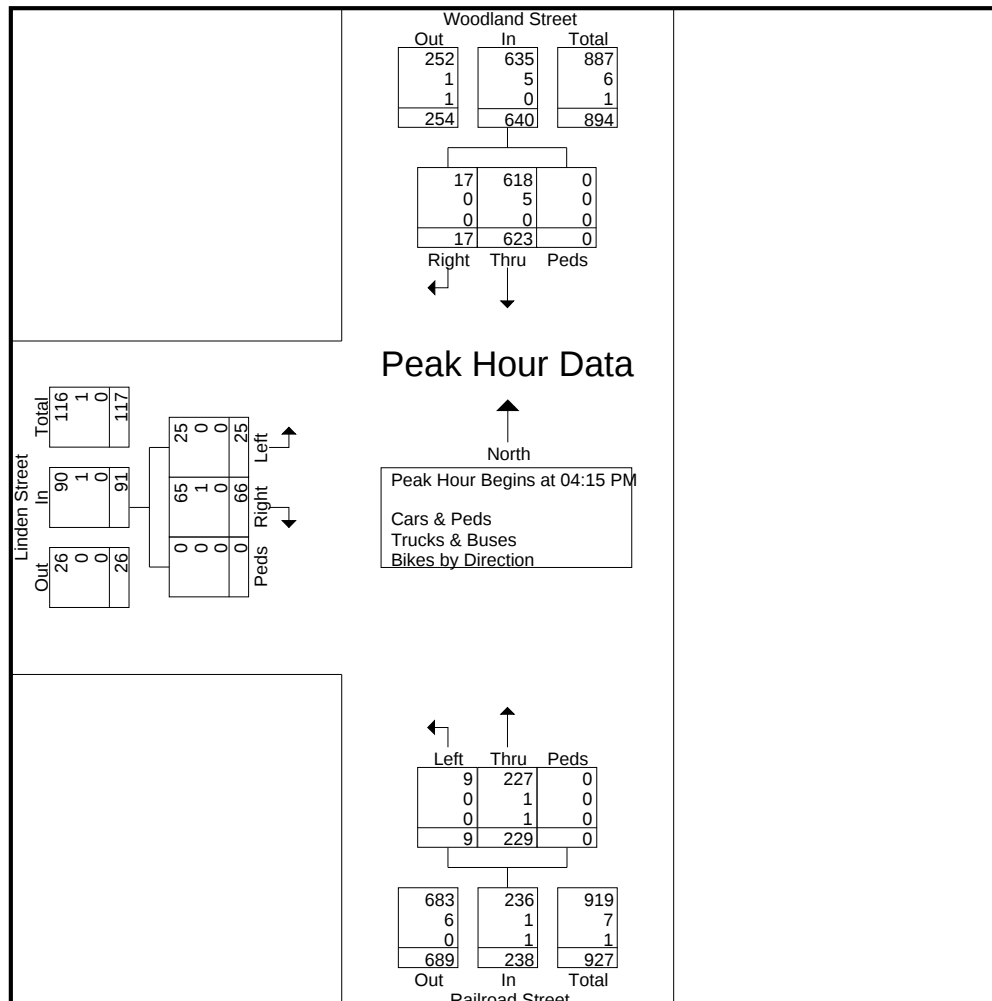
File Name : 05095B

Site Code : Y1344921

Start Date : 10/17/2018

Page No : 3

	Woodland Street From North				Railroad Street From South				Linden Street From West				
Start Time	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 03:00 PM to 05:45 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 04:15 PM													
04:15 PM	3	156	0	159	65	5	0	70	16	9	0	25	254
04:30 PM	3	159	0	162	62	0	0	62	15	2	0	17	241
04:45 PM	3	141	0	144	60	3	0	63	17	4	0	21	228
05:00 PM	8	167	0	175	42	1	0	43	18	10	0	28	246
Total Volume	17	623	0	640	229	9	0	238	66	25	0	91	969
% App. Total	2.7	97.3	0		96.2	3.8	0		72.5	27.5	0		
PHF	.531	.933	.000	.914	.881	.450	.000	.850	.917	.625	.000	.813	.954
Cars & Peds	17	618	0	635	227	9	0	236	65	25	0	90	961
% Cars & Peds	100	99.2	0	99.2	99.1	100	0	99.2	98.5	100	0	98.9	99.2
Trucks & Buses	0	5	0	5	1	0	0	1	1	0	0	1	7
% Trucks & Buses	0	0.8	0	0.8	0.4	0	0	0.4	1.5	0	0	1.1	0.7
Bikes by Direction	0	0	0	0	1	0	0	1	0	0	0	0	1
% Bikes by Direction	0	0	0	0	0.4	0	0	0.4	0	0	0	0	0.1



Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

School Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Avolume
Site Code: Y-13449.21

Start Time	20-Dec-16	EB		WB		Combined		21-Dec Wed	EB		WB		Combined	
	Tue	A.M.	P.M.	A.M.	P.M.	A.M.	P.M.		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00		0	2	0	12	0	14		0	10	0	6	0	16
12:15		0	6	0	3	0	9		0	3	0	5	0	8
12:30		0	2	0	5	0	7		0	1	0	3	0	4
12:45		0	2	0	11	0	13		0	2	0	7	0	9
01:00		0	2	0	6	0	8		0	6	1	6	1	12
01:15		0	3	0	5	0	8		0	0	0	10	0	10
01:30		0	5	0	6	0	11		0	4	0	5	0	9
01:45		0	2	0	7	0	9		0	2	0	21	0	23
02:00		0	2	0	8	0	10		0	7	0	7	0	14
02:15		0	3	0	10	0	13		0	3	0	7	0	10
02:30		0	8	0	6	0	14		0	2	0	7	0	9
02:45		0	4	0	8	0	12		0	3	0	6	0	9
03:00		0	7	0	12	0	19		0	2	0	12	0	14
03:15		0	6	0	8	0	14		0	5	0	12	0	17
03:30		0	2	0	9	0	11		0	2	0	14	0	16
03:45		0	4	0	8	0	12		0	5	0	9	0	14
04:00		0	1	0	14	0	15		0	2	0	5	0	7
04:15		0	2	0	9	0	11		0	7	0	5	0	12
04:30		0	3	0	5	0	8		1	2	1	10	2	12
04:45		0	2	0	10	0	12		0	3	0	10	0	13
05:00		0	6	0	14	0	20		0	4	0	10	0	14
05:15		0	3	0	12	0	15		0	6	1	13	1	19
05:30		0	1	0	7	0	8		0	1	1	9	1	10
05:45		0	2	1	8	1	10		0	7	0	5	0	12
06:00		0	2	1	10	1	12		0	3	0	2	0	5
06:15		0	5	0	8	0	13		0	6	0	8	0	14
06:30		0	3	1	7	1	10		1	0	1	3	2	3
06:45		2	1	5	4	7	5		1	2	6	2	7	4
07:00		0	2	3	3	3	5		0	3	5	4	5	7
07:15		6	3	8	3	14	6		2	2	11	3	13	5
07:30		1	0	8	1	9	1		5	3	8	3	13	6
07:45		0	0	9	3	9	3		2	1	7	3	9	4
08:00		4	1	10	1	14	2		1	2	6	1	7	3
08:15		0	3	4	2	4	5		3	1	3	2	6	3
08:30		5	2	11	2	16	4		2	2	8	3	10	5
08:45		3	1	7	1	10	2		2	1	12	0	14	1
09:00		0	2	6	3	6	5		6	0	14	2	20	2
09:15		1	2	4	0	5	2		2	1	8	0	10	1
09:30		5	0	6	0	11	0		4	1	8	2	12	3
09:45		5	0	6	0	11	0		4	1	6	0	10	1
10:00		6	0	5	1	11	1		6	0	8	2	14	

Mario Perone, mperone1@verizon.net
tel (781) 587-0086 cell (781) 439-4999

School Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Avolume
Site Code: Y-13449.21

Start Time	20-Dec-16 Tue	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	2			0	12				
12:15		0	6			0	3				
12:30		0	2			0	5				
12:45		0	2	0	12	0	11	0	31	0	43
01:00		0	2			0	6				
01:15		0	3			0	5				
01:30		0	5			0	6				
01:45		0	2	0	12	0	7	0	24	0	36
02:00		0	2			0	8				
02:15		0	3			0	10				
02:30		0	8			0	6				
02:45		0	4	0	17	0	8	0	32	0	49
03:00		0	7			0	12				
03:15		0	6			0	8				
03:30		0	2			0	9				
03:45		0	4	0	19	0	8	0	37	0	56
04:00		0	1			0	14				
04:15		0	2			0	9				
04:30		0	3			0	5				
04:45		0	2	0	8	0	10	0	38	0	46
05:00		0	6			0	14				
05:15		0	3			0	12				
05:30		0	1			0	7				
05:45		0	2	0	12	1	8	1	41	1	53
06:00		0	2			1	10				
06:15		0	5			0	8				
06:30		0	3			1	7				
06:45		2	1	2	11	5	4	7	29	9	40
07:00		0	2			3	3				
07:15		6	3			8	3				
07:30		1	0			8	1				
07:45		0	0	7	5	9	3	28	10	35	15
08:00		4	1			10	1				
08:15		0	3			4	2				
08:30		5	2			11	2				
08:45		3	1	12	7	7	1	32	6	44	13
09:00		0	2			6	3				
09:15		1	2			4	0				
09:30		5	0			6	0				
09:45		5	0	11	4	6	0	22	3	33	7
10:00		6	0			5	1				
10:15		0	1			5	2				
10:30		1	0			4	0				
10:45		4	1	11	2	3	0	17	3	28	5
11:00		3	0			8	0				
11:15		5	0			6	1				
11:30		0	1			10	0				
11:45		4	0	12	1	4	0	28	1	40	2
Total		55	110			135	255			190	365
Combined Total		165				390				555	
Percentage	0.0%										

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 2

School Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Avolume
Site Code: Y-13449.21

Start Time	21-Dec-16 Wed	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	10			0	6				
12:15		0	3			0	5				
12:30		0	1			0	3				
12:45		0	2	0	16	0	7	0	21	0	37
01:00		0	6			1	6				
01:15		0	0			0	10				
01:30		0	4			0	5				
01:45		0	2	0	12	0	21	1	42	1	54
02:00		0	7			0	7				
02:15		0	3			0	7				
02:30		0	2			0	7				
02:45		0	3	0	15	0	6	0	27	0	42
03:00		0	2			0	12				
03:15		0	5			0	12				
03:30		0	2			0	14				
03:45		0	5	0	14	0	9	0	47	0	61
04:00		0	2			0	5				
04:15		0	7			0	5				
04:30		1	2			1	10				
04:45		0	3	1	14	0	10	1	30	2	44
05:00		0	4			0	10				
05:15		0	6			1	13				
05:30		0	1			1	9				
05:45		0	7	0	18	0	5	2	37	2	55
06:00		0	3			0	2				
06:15		0	6			0	8				
06:30		1	0			1	3				
06:45		1	2	2	11	6	2	7	15	9	26
07:00		0	3			5	4				
07:15		2	2			11	3				
07:30		5	3			8	3				
07:45		2	1	9	9	7	3	31	13	40	22
08:00		1	2			6	1				
08:15		3	1			3	2				
08:30		2	2			8	3				
08:45		2	1	8	6	12	0	29	6	37	12
09:00		6	0			14	2				
09:15		2	1			8	0				
09:30		4	1			8	2				
09:45		4	1	16	3	6	0	36	4	52	7
10:00		6	0			8	2				
10:15		5	4			5	1				
10:30		2	0			4	1				
10:45		4	2	17	6	10	0	27	4	44	10
11:00		10	0			6	0				
11:15		4	0			10	1				
11:30		2	0			15	1				
11:45		3	0	19	0	10	1	41	3	60	3
Total		72	124			175	249			247	373
Combined Total		196				424				620	
Percentage	0.0%										
Total Percent		127	234			310	504			437	738
		35.2%	64.8%			38.1%	61.9%			37.2%	62.8%
ADT		ADT 588		AADT 588							

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Pleasant Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Bvolume
Site Code: Y-13449.21

Start Time	20-Dec-16		EB		WB		Combined		21-Dec		EB		WB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	5	0	10	0	15			0	2	0	10	0	12
12:15			3	6	2	4	5	10			0	2	0	8	0	10
12:30			0	2	2	10	2	12			0	2	0	9	0	11
12:45			0	4	0	10	0	14			0	4	0	9	0	13
01:00			0	4	0	12	0	16			0	1	1	4	1	5
01:15			0	2	0	4	0	6			0	4	0	10	0	14
01:30			0	2	0	4	0	6			0	2	0	6	0	8
01:45			0	6	0	5	0	11			0	3	0	2	0	5
02:00			0	3	0	7	0	10			0	3	0	13	0	16
02:15			0	9	0	8	0	17			0	1	0	10	0	11
02:30			0	5	0	15	0	20			0	2	0	17	0	19
02:45			0	4	0	13	0	17			0	6	0	15	0	21
03:00			0	1	0	7	0	8			0	4	0	8	0	12
03:15			0	6	0	15	0	21			0	4	0	19	0	23
03:30			0	2	0	16	0	18			0	7	0	22	0	29
03:45			0	6	0	22	0	28			0	4	0	15	0	19
04:00			0	5	1	14	1	19			0	5	0	25	0	30
04:15			0	3	0	12	0	15			0	4	0	18	0	22
04:30			0	2	1	11	1	13			1	4	0	16	1	20
04:45			0	1	0	9	0	10			0	4	1	16	1	20
05:00			0	4	0	20	0	24			0	6	0	18	0	24
05:15			0	2	1	19	1	21			0	2	0	16	0	18
05:30			0	5	0	14	0	19			0	8	3	14	3	22
05:45			1	2	1	18	2	20			0	5	0	17	0	22
06:00			2	4	0	4	2	8			2	1	1	12	3	13
06:15			2	6	1	10	3	16			3	2	1	10	4	12
06:30			0	3	4	18	4	21			2	5	4	6	6	11
06:45			7	2	4	5	11	7			2	2	2	4	4	6
07:00			4	1	4	2	8	3			7	0	1	2	8	2
07:15			12	2	14	15	26	17			8	1	11	2	19	3
07:30			5	2	3	3	8	5			8	2	8	3	16	5
07:45			3	1	7	3	10	4			8	1	7	4	15	5
08:00			1	4	9	2	10	6			2	1	10	0	12	1
08:15			2	4	4	1	6	5			2	1	5	3	7	4
08:30			4	1	8	1	12	2			3	1	9	2	12	3
08:45			7	1	16	2	23	3			5	1	6	1	11	2
09:00			2	2	7	4	9	6			4	4	6	3	10	7
09:15			2													

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Pleasant Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Bvolume
Site Code: Y-13449.21

[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

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Page 2

Pleasant Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Bvolume
Site Code: Y-13449.21

Start Time	21-Dec-16 Wed	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	2			0	10				
12:15		0	2			0	8				
12:30		0	2			0	9				
12:45		0	4	0	10	0	9	0	36	0	46
01:00		0	1			1	4				
01:15		0	4			0	10				
01:30		0	2			0	6				
01:45		0	3	0	10	0	2	1	22	1	32
02:00		0	3			0	13				
02:15		0	1			0	10				
02:30		0	2			0	17				
02:45		0	6	0	12	0	15	0	55	0	67
03:00		0	4			0	8				
03:15		0	4			0	19				
03:30		0	7			0	22				
03:45		0	4	0	19	0	15	0	64	0	83
04:00		0	5			0	25				
04:15		0	4			0	18				
04:30		1	4			0	16				
04:45		0	4	1	17	1	16	1	75	2	92
05:00		0	6			0	18				
05:15		0	2			0	16				
05:30		0	8			3	14				
05:45		0	5	0	21	0	17	3	65	3	86
06:00		2	1			1	12				
06:15		3	2			1	10				
06:30		2	5			4	6				
06:45		2	2	9	10	2	4	8	32	17	42
07:00		7	0			1	2				
07:15		8	1			11	2				
07:30		8	2			8	3				
07:45		8	1	31	4	7	4	27	11	58	15
08:00		2	1			10	0				
08:15		2	1			5	3				
08:30		3	1			9	2				
08:45		5	1	12	4	6	1	30	6	42	10
09:00		4	4			6	3				
09:15		0	1			2	2				
09:30		0	0			6	2				
09:45		3	1	7	6	6	0	20	7	27	13
10:00		1	2			7	0				
10:15		5	1			6	1				
10:30		6	2			7	0				
10:45		4	0	16	5	6	0	26	1	42	6
11:00		4	4			6	4				
11:15		2	0			1	1				
11:30		2	0			5	1				
11:45		2	1	10	5	6	1	18	7	28	12
Total		86	123			134	381			220	504
Combined Total		209				515				724	
Percentage	0.0%										
Total Percent		164	253			281	737			445	990
		39.3%	60.7%			27.6%	72.4%			31.0%	69.0%
ADT		ADT 718		AADT 718							

Spring Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

Mario Perone, mperone1@verizon.net
tel (781) 587-0086 cell (781) 439-4999

04836Cvolume
Site Code: Y-13449.21

Start Time	20-Dec-16		EB		WB		Combined		21-Dec		EB		WB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	0	0	1	0	1			0	1	0	0	0	1
12:15			0	1	0	0	0	1			1	0	0	0	1	0
12:30			1	2	0	2	1	4			0	1	0	0	0	1
12:45			0	0	0	0	0	0			0	0	0	0	0	0
01:00			0	0	0	0	0	0			0	0	0	0	0	0
01:15			0	1	0	0	0	1			0	0	0	1	0	1
01:30			0	0	0	0	0	0			0	2	0	1	0	3
01:45			0	0	0	1	0	1			0	0	0	2	0	2
02:00			0	2	0	1	0	3			0	1	0	2	0	3
02:15			0	1	0	0	0	1			0	1	0	0	0	1
02:30			0	0	0	0	0	0			0	0	0	0	0	0
02:45			0	0	0	1	0	1			0	1	0	0	0	1
03:00			0	1	0	0	0	1			0	0	0	0	0	0
03:15			0	0	0	1	0	1			0	1	0	1	0	2
03:30			0	0	0	3	0	3			0	1	0	2	0	3
03:45			0	2	0	2	0	4			0	1	0	1	0	2
04:00			0	1	0	2	0	3			0	0	0	0	0	0
04:15			0	0	0	1	0	1			0	2	0	1	0	3
04:30			0	0	0	1	0	1			0	0	0	2	0	2
04:45			0	0	0	1	0	1			0	1	0	2	0	3
05:00			0	2	0	2	0	4			0	0	0	1	0	1
05:15			0	0	0	1	0	1			0	2	0	2	0	4
05:30			0	0	0	1	0	1			0	1	0	1	0	2
05:45			0	0	0	2	1	2			0	2	0	3	0	5
06:00			0	1	0	0	0	1			0	0	1	1	1	1
06:15			0	1	0	0	0	1			0	0	0	1	0	1
06:30		2	2	2	2	1	4	3			0	2	0	2	0	4
06:45		0	1	0	0	0	0	1			0	1	2	1	2	2
07:00		0	1	1	0	1	1	0			0	0	0	1	0	1
07:15		1	1	4	0	5	1	1		1	0	2	0	3	0	0
07:30		1	0	1	1	2	1	1		1	0	0	2	1	2	2
07:45		0	0	0	0	0	0	0		0	2	1	0	1	2	2
08:00		0	0	1	0	1	0	0		2	0	0	0	2	0	0
08:15		2	0	0	0	2	0	0		1	1	0	0	1	1	1
08:30		0	0	3	0	3	0	0		1	0	1	0	2	0	0
08:45		0	0	1	0	1	0	0		0	0	1	0	1	0	0
09:00		0	0	0	0	0	0	0		0	1	0	0	0	0	1
09:15		0	1	0	0	0	0	1		0	0	1	0	1	0	0
09:30		0	0	0	0	0	0	0		0	0	2	0	2	0	0
09:45		1	0	0	0	1	0	0		2	1	0	1	2	2	2
10:00		0	0	0	0	0	0	0		0	0	1	0	1	0	0
10:15		0	0	0	0	0	0	0		1	1	1	1	2	2	2
10:30		0	0	1	0	1	0	0		0	0	1	0	1	0	0
10:45		2	0	0	0	2	0	0		1	0	0	1	1	1	1
11:00		0	0	1	0	1	0	0		0	0	0	0	0	0	0
11:15		1	0	0	0	1	0	0		1	0	1	1	2	1	1
11:30		0	0	1	0	1	0	0		0	0	2	2	4	2	2
11:45		1	0	1	0	2	0	0		0	0	0	0	0	0	0
Total		12	20	19	24	31	44			12	27	19	36	31	63	
Day Total		32		43		75				39		55		94		
% Total		16.0%	26.7%	25.3%	32.0%					12.8%	28.7%	20.2%	38.3%			
Peak	-	06:30	06:00	06:30	03:15	06:30	03:15	-	07:15	05:00	10:45	04:30	07:15	05:00		
Vol.	-	3	5	7	8	10	11	-	4	5	5	7	7	12		
P.H.F.		0.375	0.625	0.438	0.667	0.500	0.688		0.500	0.625	0.313	0.875	0.583	0.600		
ADT	ADT 84	AADT 84														

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Spring Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Cvolume
Site Code: Y-13449.21

Start Time	20-Dec-16 Tue	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	0			0	1				
12:15		0	1			0	0				
12:30		1	2			0	2				
12:45		0	0	1	3	0	0	0	3	1	6
01:00		0	0			0	0				
01:15		0	1			0	0				
01:30		0	0			0	0				
01:45		0	0	0	1	0	1	0	1	0	2
02:00		0	2			0	1				
02:15		0	1			0	0				
02:30		0	0			0	0				
02:45		0	0	0	3	0	1	0	2	0	5
03:00		0	1			0	0				
03:15		0	0			0	1				
03:30		0	0			0	3				
03:45		0	2	0	3	0	2	0	6	0	9
04:00		0	1			0	2				
04:15		0	0			0	1				
04:30		0	0			0	1				
04:45		0	0	0	1	0	1	0	5	0	6
05:00		0	2			0	2				
05:15		0	0			0	1				
05:30		0	0			0	1				
05:45		0	0	0	2	2	1	2	5	2	7
06:00		0	1			0	0				
06:15		0	1			0	0				
06:30		2	2			2	1				
06:45		0	1	2	5	0	0	2	1	4	6
07:00		0	0			1	0				
07:15		1	1			4	0				
07:30		1	0			1	1				
07:45		0	0	2	1	0	0	6	1	8	2
08:00		0	0			1	0				
08:15		2	0			0	0				
08:30		0	0			3	0				
08:45		0	0	2	0	1	0	5	0	7	0
09:00		0	0			0	0				
09:15		0	1			0	0				
09:30		0	0			0	0				
09:45		1	0	1	1	0	0	0	0	1	1
10:00		0	0			0	0				
10:15		0	0			0	0				
10:30		0	0			1	0				
10:45		2	0	2	0	0	0	1	0	3	0
11:00		0	0			1	0				
11:15		1	0			0	0				
11:30		0	0			1	0				
11:45		1	0	2	0	1	0	3	0	5	0
Total Combined Total Percentage		12	20			19	24			31	44
	0.0%	32				43				75	

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 2

Spring Street just east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/A. Luff

04836Cvolume
Site Code: Y-13449.21

Start Time	21-Dec-16 Wed	EB		Hour Totals		WB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	1			0	0				
12:15		1	0			0	0				
12:30		0	1			0	0				
12:45		0	0	1	2	0	0	0	0	1	2
01:00		0	0			0	0				
01:15		0	0			0	1				
01:30		0	2			0	1				
01:45		0	0	0	2	0	2	0	4	0	6
02:00		0	1			0	2				
02:15		0	1			0	0				
02:30		0	0			0	0				
02:45		0	1	0	3	0	0	0	2	0	5
03:00		0	0			0	0				
03:15		0	1			0	1				
03:30		0	1			0	2				
03:45		0	1	0	3	0	1	0	4	0	7
04:00		0	0			0	0				
04:15		0	2			0	1				
04:30		0	0			0	2				
04:45		0	1	0	3	0	2	0	5	0	8
05:00		0	0			0	1				
05:15		0	2			0	2				
05:30		0	1			0	1				
05:45		0	2	0	5	0	3	0	7	0	12
06:00		0	0			1	1				
06:15		0	0			0	1				
06:30		0	2			0	2				
06:45		0	1	0	3	2	1	3	5	3	8
07:00		0	0			0	1				
07:15		1	0			2	0				
07:30		1	0			0	2				
07:45		0	2	2	2	1	0	3	3	5	5
08:00		2	0			0	0				
08:15		1	1			0	0				
08:30		1	0			1	0				
08:45		0	0	4	1	1	0	2	0	6	1
09:00		0	1			0	0				
09:15		0	0			1	0				
09:30		0	0			2	0				
09:45		2	1	2	2	0	1	3	1	5	3
10:00		0	0			1	0				
10:15		1	1			1	1				
10:30		0	0			1	0				
10:45		1	0	2	1	0	1	3	2	5	3
11:00		0	0			0	0				
11:15		1	0			1	1				
11:30		0	0			4	2				
11:45		0	0	1	0	0	0	5	3	6	3
Total		12	27			19	36			31	63
Combined Total		39				55				94	
Percentage	0.0%										
Total Percent		24	47			38	60			62	107
		33.8%	66.2%			38.8%	61.2%			36.7%	63.3%
ADT		ADT 84				AADT 84					

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

School Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Aclass

Site Code: Y-13449.21

Eastbound[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 1

School Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Aspeed
Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	2	0	1	0	0	0	0	0	0	0	0	0	0	3
07:00	2	5	11	4	0	0	0	0	0	0	0	0	0	22
08:00	2	3	9	3	1	0	0	0	0	0	0	0	0	18
09:00	3	2	4	2	1	0	0	0	0	0	0	0	0	12
10:00	1	3	3	2	1	0	0	0	0	0	0	0	0	10
11:00	2	6	5	1	0	0	0	0	0	0	0	0	0	14
12 PM	5	1	3	4	0	0	0	0	0	0	0	0	0	13
13:00	7	3	5	3	1	0	0	0	0	0	0	0	0	19
14:00	5	5	12	1	0	0	0	0	0	0	0	0	0	23
15:00	2	5	8	9	10	0	0	0	0	0	0	0	0	34
16:00	4	8	8	7	3	1	0	0	0	0	0	0	0	31
17:00	8	10	12	13	1	0	0	0	0	0	0	0	0	44
18:00	3	3	10	6	0	1	0	0	0	0	0	0	0	23
19:00	0	2	3	0	0	0	0	0	0	0	0	0	0	5
20:00	5	3	1	0	0	0	0	0	0	0	0	0	0	9
21:00	3	2	0	0	0	0	0	0	0	0	0	0	0	5
22:00	1	1	1	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	56	63	96	55	18	2	0	0	0	0	0	0	0	290
Percent	19.3%	21.7%	33.1%	19.0%	6.2%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 11 MPH
50th Percentile : 21 MPH
85th Percentile : 27 MPH
95th Percentile : 31 MPH

Mean Speed(Average) : 21 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 159
Percent in Pace : 54.8%
Number of Vehicles > 25 MPH : 75
Percent of Vehicles > 25 MPH : 25.9%

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 2

School Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Aspeed
Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2
06:00	3	1	2	0	1	0	0	0	0	0	0	0	0	7
07:00	7	9	4	4	0	0	0	0	0	0	0	0	0	24
08:00	4	3	8	5	0	0	0	0	0	0	0	0	0	20
09:00	4	3	5	3	0	0	0	0	0	0	0	0	0	15
10:00	5	6	6	0	1	0	0	0	0	0	0	0	0	18
11:00	11	8	3	3	1	0	0	0	0	0	0	0	0	26
12 PM	5	1	7	3	0	0	0	0	0	0	0	0	0	16
13:00	4	6	6	4	1	0	0	0	0	0	0	0	0	21
14:00	5	5	5	4	0	0	0	0	0	0	0	0	0	19
15:00	4	7	9	4	3	1	0	0	0	0	0	0	0	28
16:00	9	9	16	9	1	1	0	0	0	0	0	0	0	45
17:00	5	7	16	12	4	0	0	0	0	0	0	0	0	44
18:00	1	2	6	7	0	0	0	0	0	0	0	0	0	16
19:00	5	1	4	3	1	0	0	0	0	0	0	0	0	14
20:00	4	2	1	2	0	0	0	0	0	0	0	0	0	9
21:00	0	2	0	1	0	0	0	0	0	0	0	0	0	3
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	76	73	98	65	13	2	0	0	0	0	0	0	0	327
Percent	23.2%	22.3%	30.0%	19.9%	4.0%	0.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 9 MPH
50th Percentile : 20 MPH
85th Percentile : 27 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 20 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 171
Percent in Pace : 52.3%
Number of Vehicles > 25 MPH : 80
Percent of Vehicles > 25 MPH : 24.5%

Grand Total	132	136	194	120	31	4	0	0	0	0	0	0	0	617
----------------	-----	-----	-----	-----	----	---	---	---	---	---	---	---	---	-----

Overall

15th Percentile : 10 MPH
50th Percentile : 21 MPH
85th Percentile : 27 MPH
95th Percentile : 30 MPH

Mean Speed(Average) : 20 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 330
Percent in Pace : 53.5%
Number of Vehicles > 25 MPH : 155
Percent of Vehicles > 25 MPH : 25.1%

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 3

School Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Aspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00	4	8	1	0	0	0	0	0	0	0	0	0	0	13
07:00	2	1	10	5	1	0	0	0	0	0	0	0	0	19
08:00	1	8	2	0	0	0	0	0	0	0	0	0	0	11
09:00	2	5	1	0	0	0	0	0	0	0	0	0	0	8
10:00	2	7	3	1	0	0	0	0	0	0	0	0	0	13
11:00	4	7	8	2	0	0	0	0	0	0	0	0	0	21
12 PM	6	8	5	3	0	0	0	0	0	0	0	0	0	22
13:00	4	9	4	9	1	0	0	0	0	0	0	0	0	27
14:00	6	8	9	4	2	0	0	0	0	0	0	0	0	29
15:00	5	8	7	7	1	0	0	0	0	0	0	0	0	28
16:00	5	4	6	6	0	0	0	0	0	0	0	0	0	21
17:00	3	13	6	6	1	0	0	0	0	0	0	0	0	29
18:00	5	7	6	2	1	0	0	0	0	0	0	0	0	21
19:00	3	0	0	0	0	0	0	0	0	0	0	0	0	3
20:00	3	0	1	0	0	0	0	0	0	0	0	0	0	4
21:00	1	3	0	0	0	0	0	0	0	0	0	0	0	4
22:00	2	1	0	0	0	0	0	0	0	0	0	0	0	3
23:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	58	100	69	45	7	0	0	0	0	0	0	0	0	279
Percent	20.8%	35.8%	24.7%	16.1%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 10 MPH
50th Percentile : 19 MPH
85th Percentile : 26 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 19 MPH

10 MPH Pace Speed : 16-25 MPH

Number in Pace : 169

Percent in Pace : 60.6%

Number of Vehicles > 25 MPH : 52

Percent of Vehicles > 25 MPH : 18.6%

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 4

School Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Aspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
06:00	4	4	4	1	0	0	0	0	0	0	0	0	0	13
07:00	2	2	8	0	1	0	0	0	0	0	0	0	0	13
08:00	2	4	3	2	0	0	0	0	0	0	0	0	0	11
09:00	4	6	6	4	0	0	0	0	0	0	0	0	0	20
10:00	2	10	4	2	0	0	0	0	0	0	0	0	0	18
11:00	7	7	3	0	0	0	0	0	0	0	0	0	0	17
12 PM	8	9	11	4	2	0	0	0	0	0	0	0	0	34
13:00	8	5	10	3	1	0	0	0	0	0	0	0	0	27
14:00	5	13	12	4	0	0	0	0	0	0	0	0	0	34
15:00	7	11	6	7	1	0	0	0	0	0	0	0	0	32
16:00	4	9	7	6	1	0	0	0	0	0	0	0	0	27
17:00	2	13	7	4	2	0	0	0	0	0	0	0	0	28
18:00	4	3	3	1	0	0	0	0	0	0	0	0	0	11
19:00	3	1	1	1	0	0	0	0	0	0	0	0	0	6
20:00	5	3	0	0	0	0	0	0	0	0	0	0	0	8
21:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	67	106	86	39	8	0	0	0	0	0	0	0	0	306
Percent	21.9%	34.6%	28.1%	12.7%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily
15th Percentile : 10 MPH
50th Percentile : 19 MPH
85th Percentile : 25 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 19 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 192
Percent in Pace : 62.7%
Number of Vehicles > 25 MPH : 47
Percent of Vehicles > 25 MPH : 15.4%

Grand Total	125	206	155	84	15	0	0	0	0	0	0	0	0	585
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Overall
15th Percentile : 10 MPH
50th Percentile : 19 MPH
85th Percentile : 25 MPH
95th Percentile : 29 MPH
Mean Speed(Average) : 19 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 361
Percent in Pace : 61.7%
Number of Vehicles > 25 MPH : 99
Percent of Vehicles > 25 MPH : 16.9%

School Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

Mario Perone, mperone1@verizon.net
tel (781) 587-0086 cell (781) 439-4999

05095A volume
Site Code: Y-13449.21

Start Time	16-Oct-18		WB		EB		Combined		17-Oct		WB		EB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	6	0	7	0	13			0	3	0	7	0	10
12:15			0	1	0	4	0	5			0	4	0	10	0	14
12:30			0	1	0	6	0	7			0	4	0	8	0	12
12:45			0	5	0	5	0	10			0	5	0	9	0	14
01:00			0	5	0	5	0	10			0	6	0	9	0	15
01:15			0	5	0	8	0	13			0	6	0	6	0	12
01:30			1	5	0	3	1	8			0	4	0	5	0	9
01:45			0	4	0	11	0	15			0	5	0	7	0	12
02:00			0	5	0	12	0	17			0	5	0	9	0	14
02:15			0	9	0	5	0	14			0	2	0	13	0	15
02:30			0	5	0	8	0	13			0	4	0	9	0	13
02:45			0	4	0	4	0	8			0	8	0	3	0	11
03:00			0	10	0	10	0	20			0	5	0	9	0	14
03:15			0	8	0	6	0	14			0	8	0	13	0	21
03:30			0	11	0	6	0	17			0	11	0	4	0	15
03:45			0	5	0	6	0	11			0	4	0	6	0	10
04:00			0	7	0	5	0	12			0	13	0	4	0	17
04:15			0	7	0	8	0	15			0	10	0	10	0	20
04:30			0	8	0	2	0	10			0	11	0	5	0	16
04:45			0	9	0	6	0	15			0	11	0	8	0	19
05:00			0	13	0	3	0	16			0	16	0	10	0	26
05:15			0	14	0	9	0	23			0	8	0	5	0	13
05:30			0	7	0	10	0	17			0	13	0	5	0	18
05:45			1	10	1	7	2	17			2	7	2	8	4	15
06:00			0	4	2	11	2	15			0	6	1	5	1	11
06:15			0	8	3	1	3	9			2	2	2	3	4	5
06:30			3	7	3	5	6	12			2	5	5	1	7	6
06:45			0	4	5	4	5	8			3	3	5	2	8	5
07:00			4	1	3	1	7	2			6	2	2	1	8	3
07:15			11	0	6	1	17	1			9	2	4	3	13	5
07:30			5	3	2	0	7	3			6	4	4	1	10	5
07:45			2	1	8	1	10	2			3	6	3	1	6	7
08:00			2	2	1	0	3	2			7	2	0	2	7	4
08:15			3	3	4	4	7	7			4	3	1	1	5	4
08:30			6	4	4	0	10	4			4	1	5	3	9	4
08:45			7	0	2	0	9	0			5	3	5	2	10	5
09:00			2	1	2	1	4	2			6	0	3	1	9	1
09:15			3	1	4	2	7	3			3	1	6	0	9	1
09:30			2	2	1	0	3	2			1	1	6	1	7	2
09:45			5	1	1	1	6	2			5	1	5	1	10	2
10:00			3	0	5	2	8	2			4	0	6	0	10	0
10:15			2	1	1	0	3	1			4	0	3	1	7	1
10:30			4	0	4	0	8	0			3	0	4	0	7	0
10:45			1	2	3	1	4	3			7	0	5	0	12	0
11:00			5	0	3	1	8	1			9	0	3	0	12	0
11:15			2	0	5	0	7	0			6	0	8	1	14	1
11:30			6	0	3	0	9	0			5	0	1	0	6	0
11:45			1	0	10	1	11	1			6	0	5	0	11	0
Total			81	209	86	193	167	402			112	215	94	212	206	427
Day Total			290		279		569				327		306		633	
% Total			14.2%	36.7%	15.1%	33.9%					17.7%	34.0%	14.8%	33.5%		
Peak	-	07:00	04:30		11:00	05:15	07:00	05:00	-	10:45	04:15	09:15	01:45	10:30		04:15
Vol.	-	22	44		21	37	41	73	-	27	48	23	38	45		81
P.H.F.		0.500	0.786		0.525	0.771	0.603	0.793		0.750	0.750	0.958	0.731	0.804		0.779
ADT	ADT 601		AADT 601													

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

School Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095A volume
Site Code: Y-13449.21

Start Time	16-Oct-18 Tue	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	6			0	7				
12:15		0	1			0	4				
12:30		0	1			0	6				
12:45		0	5	0	13	0	5	0	22	0	35
01:00		0	5			0	5				
01:15		0	5			0	8				
01:30		1	5			0	3				
01:45		0	4	1	19	0	11	0	27	1	46
02:00		0	5			0	12				
02:15		0	9			0	5				
02:30		0	5			0	8				
02:45		0	4	0	23	0	4	0	29	0	52
03:00		0	10			0	10				
03:15		0	8			0	6				
03:30		0	11			0	6				
03:45		0	5	0	34	0	6	0	28	0	62
04:00		0	7			0	5				
04:15		0	7			0	8				
04:30		0	8			0	2				
04:45		0	9	0	31	0	6	0	21	0	52
05:00		0	13			0	3				
05:15		0	14			0	9				
05:30		0	7			0	10				
05:45		1	10	1	44	1	7	1	29	2	73
06:00		0	4			2	11				
06:15		0	8			3	1				
06:30		3	7			3	5				
06:45		0	4	3	23	5	4	13	21	16	44
07:00		4	1			3	1				
07:15		11	0			6	1				
07:30		5	3			2	0				
07:45		2	1	22	5	8	1	19	3	41	8
08:00		2	2			1	0				
08:15		3	3			4	4				
08:30		6	4			4	0				
08:45		7	0	18	9	2	0	11	4	29	13
09:00		2	1			2	1				
09:15		3	1			4	2				
09:30		2	2			1	0				
09:45		5	1	12	5	1	1	8	4	20	9
10:00		3	0			5	2				
10:15		2	1			1	0				
10:30		4	0			4	0				
10:45		1	2	10	3	3	1	13	3	23	6
11:00		5	0			3	1				
11:15		2	0			5	0				
11:30		6	0			3	0				
11:45		1	0	14	0	10	1	21	2	35	2
Total Combined Total Percentage		81	209			86	193			167	402
	0.0%	290				279				569	

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 2

School Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095A volume
Site Code: Y-13449.21

Start Time	17-Oct-18 Wed	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	3			0	7				
12:15		0	4			0	10				
12:30		0	4			0	8				
12:45		0	5	0	16	0	9	0	34	0	50
01:00		0	6			0	9				
01:15		0	6			0	6				
01:30		0	4			0	5				
01:45		0	5	0	21	0	7	0	27	0	48
02:00		0	5			0	9				
02:15		0	2			0	13				
02:30		0	4			0	9				
02:45		0	8	0	19	0	3	0	34	0	53
03:00		0	5			0	9				
03:15		0	8			0	13				
03:30		0	11			0	4				
03:45		0	4	0	28	0	6	0	32	0	60
04:00		0	13			0	4				
04:15		0	10			0	10				
04:30		0	11			0	5				
04:45		0	11	0	45	0	8	0	27	0	72
05:00		0	16			0	10				
05:15		0	8			0	5				
05:30		0	13			0	5				
05:45		2	7	2	44	2	8	2	28	4	72
06:00		0	6			1	5				
06:15		2	2			2	3				
06:30		2	5			5	1				
06:45		3	3	7	16	5	2	13	11	20	27
07:00		6	2			2	1				
07:15		9	2			4	3				
07:30		6	4			4	1				
07:45		3	6	24	14	3	1	13	6	37	20
08:00		7	2			0	2				
08:15		4	3			1	1				
08:30		4	1			5	3				
08:45		5	3	20	9	5	2	11	8	31	17
09:00		6	0			3	1				
09:15		3	1			6	0				
09:30		1	1			6	1				
09:45		5	1	15	3	5	1	20	3	35	6
10:00		4	0			6	0				
10:15		4	0			3	1				
10:30		3	0			4	0				
10:45		7	0	18	0	5	0	18	1	36	1
11:00		9	0			3	0				
11:15		6	0			8	1				
11:30		5	0			1	0				
11:45		6	0	26	0	5	0	17	1	43	1
Total		112	215			94	212			206	427
Combined Total		327				306				633	
Percentage	0.0%										
Total Percent		193	424			180	405			373	829
		31.3%	68.7%			30.8%	69.2%			31.0%	69.0%
ADT		ADT 601		AADT 601							

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 1

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Bclass

Site Code: Y-13449.21

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/16/18	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
06:00	0	11	2	0	1	0	0	0	0	0	0	0	0	14
07:00	0	16	3	0	1	0	0	0	0	0	0	0	0	20
08:00	0	13	8	0	5	1	0	0	0	0	0	0	0	27
09:00	0	4	7	0	3	0	0	0	0	0	0	0	0	14
10:00	0	10	8	0	1	0	0	0	0	0	0	0	0	19
11:00	0	13	3	0	2	0	0	0	0	0	0	0	0	18
12 PM	0	15	4	0	1	0	0	0	0	0	0	0	0	20
13:00	1	16	5	0	1	0	0	1	0	0	0	0	0	24
14:00	0	25	12	1	3	0	0	0	0	0	0	0	0	41
15:00	0	31	11	2	6	0	0	0	0	0	0	0	0	50
16:00	0	45	17	0	3	0	0	0	0	0	0	0	0	65
17:00	0	48	13	1	8	0	0	0	0	0	0	0	0	70
18:00	0	31	4	0	4	0	0	0	0	0	0	0	0	39
19:00	0	6	2	0	0	0	0	0	0	0	0	0	0	8
20:00	0	4	0	0	1	0	0	0	0	0	0	0	0	5
21:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	297	101	4	40	1	0	1	0	0	0	0	0	445
Percent	0.2%	66.7%	22.7%	0.9%	9.0%	0.2%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		07:00	08:00		08:00	08:00								08:00
Vol.		16	8		5	1								27
PM Peak	13:00	17:00	16:00	15:00	17:00			13:00						17:00
Vol.	1	48	17	2	8			1						70

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Bclass

Site Code: Y-13449.21

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	3	0	0	1	0	0	0	0	0	0	0	0	4
06:00	1	3	2	0	0	0	0	0	0	0	0	0	0	6
07:00	0	16	6	1	7	0	0	0	0	0	0	0	0	30
08:00	1	17	13	1	2	0	0	0	0	0	0	0	0	34
09:00	0	5	5	0	1	0	0	0	0	0	0	0	0	11
10:00	0	13	8	0	0	0	0	0	0	0	0	0	0	21
11:00	1	14	7	0	1	1	0	0	0	0	0	0	0	24
12 PM	0	19	6	0	0	0	0	0	0	0	0	0	0	25
13:00	0	13	6	0	0	0	0	0	0	0	0	0	0	19
14:00	0	25	8	0	7	0	0	0	0	0	0	0	0	40
15:00	1	50	14	1	6	0	0	0	0	0	0	0	0	72
16:00	1	50	13	0	10	1	0	0	0	0	0	0	0	75
17:00	0	53	14	0	8	0	0	0	0	0	0	0	0	75
18:00	0	26	6	0	6	0	0	0	0	0	0	0	0	38
19:00	0	7	3	0	0	0	0	0	0	0	0	0	0	10
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
21:00	0	3	1	0	0	0	0	0	0	0	0	0	0	4
22:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	5	320	113	3	49	2	0	0	0	0	0	0	0	492
Percent	1.0%	65.0%	23.0%	0.6%	10.0%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	08:00	08:00	07:00	07:00	11:00								08:00
Vol.	1	17	13	1	7	1								34
PM Peak	15:00	17:00	15:00	15:00	16:00	16:00								16:00
Vol.	1	53	14	1	10	1								75
Grand Total	6	617	214	7	89	3	0	1	0	0	0	0	0	937
Percent	0.6%	65.8%	22.8%	0.7%	9.5%	0.3%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	

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tel (781) 587-0086 cell (781) 439-4999

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Bclass

Site Code: Y-13449.21

Eastbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/18	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	4	0	0	0	0	0	0	0	0	0	0	0	4
06:00	1	39	15	1	9	0	0	0	0	0	0	0	0	65
07:00	1	67	20	1	11	0	0	1	0	0	0	0	0	101
08:00	0	52	25	3	4	1	0	1	0	0	0	0	0	86
09:00	0	19	9	0	2	0	0	1	0	0	0	0	0	31
10:00	1	10	5	0	2	0	0	0	0	0	0	0	0	18
11:00	0	9	1	1	3	0	0	2	0	0	0	0	0	16
12 PM	0	17	7	1	0	0	0	0	0	0	0	0	0	25
13:00	0	8	2	0	0	0	0	0	0	0	0	0	0	10
14:00	1	48	18	1	3	0	0	0	0	0	0	0	0	71
15:00	0	20	15	0	3	0	0	0	0	0	0	0	0	38
16:00	3	28	9	0	1	0	0	0	0	0	0	0	0	41
17:00	2	38	16	0	6	0	0	0	0	0	0	0	0	62
18:00	0	9	1	0	1	0	0	0	0	0	0	0	0	11
19:00	0	5	1	0	0	0	0	0	0	0	0	0	0	6
20:00	0	8	1	0	0	0	0	0	0	0	0	0	0	9
21:00	0	2	2	0	1	0	0	0	0	0	0	0	0	5
22:00	0	3	0	0	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9	386	148	8	46	1	0	5	0	0	0	0	0	603
Percent	1.5%	64.0%	24.5%	1.3%	7.6%	0.2%	0.0%	0.8%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak	06:00	07:00	08:00	08:00	07:00	08:00		11:00						07:00
Vol.	1	67	25	3	11	1		2						101
PM Peak	16:00	14:00	14:00	12:00	17:00									14:00
Vol.	3	48	18	1	6									71
Grand Total	12	718	269	13	82	1	0	6	0	0	0	0	0	1101
Percent	1.1%	65.2%	24.4%	1.2%	7.4%	0.1%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 1

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Bspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	0	0	1	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	3	1	0	0	0	0	0	0	0	0	0	0	0	4
06:00	7	2	3	2	0	0	0	0	0	0	0	0	0	14
07:00	2	3	6	8	1	0	0	0	0	0	0	0	0	20
08:00	7	4	13	2	1	0	0	0	0	0	0	0	0	27
09:00	0	5	6	2	1	0	0	0	0	0	0	0	0	14
10:00	4	2	11	2	0	0	0	0	0	0	0	0	0	19
11:00	1	4	7	5	1	0	0	0	0	0	0	0	0	18
12 PM	3	2	8	5	2	0	0	0	0	0	0	0	0	20
13:00	5	3	9	6	1	0	0	0	0	0	0	0	0	24
14:00	1	8	17	11	4	0	0	0	0	0	0	0	0	41
15:00	4	8	21	11	6	0	0	0	0	0	0	0	0	50
16:00	8	12	23	18	4	0	0	0	0	0	0	0	0	65
17:00	7	15	19	24	5	0	0	0	0	0	0	0	0	70
18:00	3	4	24	7	1	0	0	0	0	0	0	0	0	39
19:00	1	1	5	1	0	0	0	0	0	0	0	0	0	8
20:00	4	1	0	0	0	0	0	0	0	0	0	0	0	5
21:00	3	0	0	1	0	0	0	0	0	0	0	0	0	4
22:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	63	75	173	107	27	0	0	0	0	0	0	0	0	445
Percent	14.2%	16.9%	38.9%	24.0%	6.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 15 MPH
50th Percentile : 22 MPH
85th Percentile : 28 MPH
95th Percentile : 30 MPH

Mean Speed(Average) : 22 MPH

10 MPH Pace Speed : 21-30 MPH

Number in Pace : 280

Percent in Pace : 62.9%

Number of Vehicles > 25 MPH : 134

Percent of Vehicles > 25 MPH : 30.1%

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Bspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	2	0	0	0	0	0	0	0	0	0	0	0	4
06:00	0	3	2	1	0	0	0	0	0	0	0	0	0	6
07:00	9	6	8	5	2	0	0	0	0	0	0	0	0	30
08:00	6	11	12	4	1	0	0	0	0	0	0	0	0	34
09:00	0	5	4	2	0	0	0	0	0	0	0	0	0	11
10:00	5	7	7	2	0	0	0	0	0	0	0	0	0	21
11:00	7	9	6	2	0	0	0	0	0	0	0	0	0	24
12 PM	3	8	9	5	0	0	0	0	0	0	0	0	0	25
13:00	1	7	8	3	0	0	0	0	0	0	0	0	0	19
14:00	5	9	13	6	7	0	0	0	0	0	0	0	0	40
15:00	5	22	29	11	4	0	1	0	0	0	0	0	0	72
16:00	7	17	33	13	5	0	0	0	0	0	0	0	0	75
17:00	10	14	31	17	2	1	0	0	0	0	0	0	0	75
18:00	4	7	20	7	0	0	0	0	0	0	0	0	0	38
19:00	1	2	6	1	0	0	0	0	0	0	0	0	0	10
20:00	0	2	1	0	0	0	0	0	0	0	0	0	0	3
21:00	1	1	2	0	0	0	0	0	0	0	0	0	0	4
22:00	0	0	0	1	0	0	0	0	0	0	0	0	0	1
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	66	132	191	80	21	1	1	0	0	0	0	0	0	492
Percent	13.4%	26.8%	38.8%	16.3%	4.3%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily
15th Percentile : 15 MPH
50th Percentile : 21 MPH
85th Percentile : 26 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 21 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 323
Percent in Pace : 65.7%
Number of Vehicles > 25 MPH : 103
Percent of Vehicles > 25 MPH : 20.9%

Grand Total	129	207	364	187	48	1	1	0	0	0	0	0	0	937
----------------	-----	-----	-----	-----	----	---	---	---	---	---	---	---	---	-----

Overall
15th Percentile : 15 MPH
50th Percentile : 21 MPH
85th Percentile : 27 MPH
95th Percentile : 30 MPH

Mean Speed(Average) : 21 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 571
Percent in Pace : 60.9%
Number of Vehicles > 25 MPH : 237
Percent of Vehicles > 25 MPH : 25.3%

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

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Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Bspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
05:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:00	1	9	25	13	3	0	1	0	0	0	0	0	0	52
07:00	1	12	33	26	4	0	1	0	0	0	0	0	0	77
08:00	4	16	45	21	3	0	0	0	0	0	0	0	0	89
09:00	2	12	18	11	0	0	0	0	0	0	0	0	0	43
10:00	1	2	7	1	1	0	0	0	0	0	0	0	0	12
11:00	0	4	6	0	0	0	0	0	0	0	0	0	0	10
12 PM	1	3	3	1	1	0	0	0	0	0	0	0	0	9
13:00	4	4	4	6	0	0	0	0	0	0	0	0	0	18
14:00	3	7	15	8	4	0	0	0	0	0	0	0	0	37
15:00	2	6	10	5	2	0	0	0	0	0	0	0	0	25
16:00	5	5	6	2	2	0	0	0	0	0	0	0	0	20
17:00	7	9	29	13	9	1	0	0	0	0	0	0	0	68
18:00	3	3	6	6	0	1	0	0	0	0	0	0	0	19
19:00	3	1	0	1	0	0	0	0	0	0	0	0	0	5
20:00	4	2	0	0	0	0	0	0	0	0	0	0	0	6
21:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	1	0	0	1	0	0	0	0	0	0	0	0	0	2
Total	43	96	209	116	30	2	2	0	0	0	0	0	0	498
Percent	8.6%	19.3%	42.0%	23.3%	6.0%	0.4%	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 16 MPH
50th Percentile : 22 MPH
85th Percentile : 28 MPH
95th Percentile : 31 MPH

Mean Speed(Average) : 23 MPH

10 MPH Pace Speed : 21-30 MPH

Number in Pace : 325

Percent in Pace : 65.3%

Number of Vehicles > 25 MPH : 150

Percent of Vehicles > 25 MPH : 30.1%

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Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 4

Pleasant Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Bspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	1	0	0	0	0	0	0	0	0	0	0	1
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	1	2	1	0	0	0	0	0	0	0	0	4
06:00	0	9	18	29	7	1	1	0	0	0	0	0	0	65
07:00	3	14	50	27	6	1	0	0	0	0	0	0	0	101
08:00	6	11	41	22	6	0	0	0	0	0	0	0	0	86
09:00	0	3	18	9	1	0	0	0	0	0	0	0	0	31
10:00	7	6	1	3	1	0	0	0	0	0	0	0	0	18
11:00	7	4	3	0	1	1	0	0	0	0	0	0	0	16
12 PM	2	5	12	5	0	1	0	0	0	0	0	0	0	25
13:00	1	3	3	3	0	0	0	0	0	0	0	0	0	10
14:00	5	13	24	22	6	1	0	0	0	0	0	0	0	71
15:00	3	9	12	12	2	0	0	0	0	0	0	0	0	38
16:00	7	7	19	7	1	0	0	0	0	0	0	0	0	41
17:00	5	15	25	14	3	0	0	0	0	0	0	0	0	62
18:00	1	4	4	2	0	0	0	0	0	0	0	0	0	11
19:00	1	1	4	0	0	0	0	0	0	0	0	0	0	6
20:00	1	3	4	1	0	0	0	0	0	0	0	0	0	9
21:00	3	0	2	0	0	0	0	0	0	0	0	0	0	5
22:00	0	1	1	1	0	0	0	0	0	0	0	0	0	3
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	52	108	243	159	35	5	1	0	0	0	0	0	0	603
Percent	8.6%	17.9%	40.3%	26.4%	5.8%	0.8%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily
15th Percentile : 16 MPH
50th Percentile : 22 MPH
85th Percentile : 28 MPH
95th Percentile : 31 MPH

Mean Speed(Average) : 23 MPH
10 MPH Pace Speed : 21-30 MPH
Number in Pace : 402
Percent in Pace : 66.7%
Number of Vehicles > 25 MPH : 200
Percent of Vehicles > 25 MPH : 33.2%

Grand Total	95	204	452	275	65	7	3	0	0	0	0	0	0	1101
----------------	----	-----	-----	-----	----	---	---	---	---	---	---	---	---	------

Overall
15th Percentile : 16 MPH
50th Percentile : 22 MPH
85th Percentile : 28 MPH
95th Percentile : 31 MPH

Mean Speed(Average) : 23 MPH
10 MPH Pace Speed : 21-30 MPH
Number in Pace : 727
Percent in Pace : 66.0%
Number of Vehicles > 25 MPH : 350
Percent of Vehicles > 25 MPH : 31.8%

Pleasant Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

Mario Perone, mperone1@verizon.net
tel (781) 587-0086 cell (781) 439-4999

05095Bvolume
Site Code: Y-13449.21

Start Time	16-Oct-18		WB		EB		Combined		17-Oct		WB		EB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			1	9	0	3	1	12			0	6	0	7	0	13
12:15			0	3	0	1	0	4			0	4	1	9	1	13
12:30			0	5	0	2	0	7			0	3	0	5	0	8
12:45			0	3	1	3	1	6			0	12	0	4	0	16
01:00			0	5	0	5	0	10			0	2	0	2	0	4
01:15			0	5	0	4	0	9			0	1	0	2	0	3
01:30			1	6	0	3	1	9			0	6	0	0	0	6
01:45			0	8	0	6	0	14			0	10	0	6	0	16
02:00			0	9	0	6	0	15			0	11	0	6	0	17
02:15			0	7	0	6	0	13			0	10	0	14	0	24
02:30			0	10	1	8	1	18			0	9	0	22	0	31
02:45			0	15	0	17	0	32			0	10	0	29	0	39
03:00			0	9	0	2	0	11			0	14	0	15	0	29
03:15			0	11	0	11	0	22			0	15	0	10	0	25
03:30			0	19	0	3	0	22			0	25	0	3	0	28
03:45			0	11	0	9	0	20			0	18	0	10	0	28
04:00			0	19	0	6	0	25			0	27	0	21	0	48
04:15			0	12	0	2	0	14			0	14	0	7	0	21
04:30			0	17	0	5	0	22			0	17	0	6	0	23
04:45			0	17	1	7	1	24			0	17	0	7	0	24
05:00			0	16	0	19	0	35			0	23	1	11	1	34
05:15			2	23	0	19	2	42			1	18	0	34	1	52
05:30			0	19	0	15	0	34			1	17	1	11	2	28
05:45			2	12	1	15	3	27			2	17	2	6	4	23
06:00			1	14	3	9	4	23			0	14	3	3	3	17
06:15			3	10	10	5	13	15			2	11	13	0	15	11
06:30			4	9	16	2	20	11			2	8	18	5	20	13
06:45			6	6	23	3	29	9			2	5	31	3	33	8
07:00			7	4	16	0	23	4			7	6	28	1	35	7
07:15			7	3	17	1	24	4			14	3	26	0	40	3
07:30			3	1	15	1	18	2			4	0	25	3	29	3
07:45			3	0	29	3	32	3			5	1	22	2	27	3
08:00			8	2	20	3	28	5			9	2	17	4	26	6
08:15			3	3	7	2	10	5			5	0	16	2	21	2
08:30			10	0	26	0	36	0			9	0	33	2	42	2
08:45			6	0	36	1	42	1			11	1	20	1	31	2
09:00			6	0	23	0	29	0			3	2	12	3	15	5
09:15			3	2	14	0	17	2			4	0	16	1	20	1
09:30			2	1	4	1	6	2			2	2	2	1	4	3
09:45			3	1	2	1	5	2			2	0	1	0	3	0
10:00			5	1	1	0	6	1			3	1	4	0	7	1
10:15			4	0	5	0	9	0			2	0	3	1	5	1
10:30			3	0	2	0	5	0			6	0	5	2	11	2
10:45			7	0	4	0	11	0			10	0	6	0	16	0
11:00			3	0	2	0	5	0			8	0	6	0	14	0
11:15			4	0	3	0	7	0			7	0	1	0	8	0
11:30			4	0	1	2	5	2			6	0	5	0	11	0
11:45			7	0	4	0	11	0			3	0	4	0	7	0
Total			118	327	287	211	405	538			130	362	322	281	452	643
Day Total			445		498		943				492		603		1095	
% Total			12.5%	34.7%	30.4%	22.4%					11.9%	33.1%	29.4%	25.7%		
Peak	-	08:00	04:45	08:30	05:00	08:30	05:00		-	08:00	03:15	06:45	02:15	06:45		04:45
Vol.	-	27	75	99	68	124	138		-	34	85	110	80	137		138
P.H.F.		0.675	0.815	0.688	0.895	0.738	0.821			0.773	0.787	0.887	0.690	0.856		0.663
ADT	ADT	1.019	AADT 1.019													

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Pleasant Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095Bvolume
Site Code: Y-13449.21

[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

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Pleasant Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095Bvolume
Site Code: Y-13449.21

Start Time	17-Oct-18 Wed	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	6			0	7				
12:15		0	4			1	9				
12:30		0	3			0	5				
12:45		0	12	0	25	0	4	1	25	1	50
01:00		0	2			0	2				
01:15		0	1			0	2				
01:30		0	6			0	0				
01:45		0	10	0	19	0	6	0	10	0	29
02:00		0	11			0	6				
02:15		0	10			0	14				
02:30		0	9			0	22				
02:45		0	10	0	40	0	29	0	71	0	111
03:00		0	14			0	15				
03:15		0	15			0	10				
03:30		0	25			0	3				
03:45		0	18	0	72	0	10	0	38	0	110
04:00		0	27			0	21				
04:15		0	14			0	7				
04:30		0	17			0	6				
04:45		0	17	0	75	0	7	0	41	0	116
05:00		0	23			1	11				
05:15		1	18			0	34				
05:30		1	17			1	11				
05:45		2	17	4	75	2	6	4	62	8	137
06:00		0	14			3	3				
06:15		2	11			13	0				
06:30		2	8			18	5				
06:45		2	5	6	38	31	3	65	11	71	49
07:00		7	6			28	1				
07:15		14	3			26	0				
07:30		4	0			25	3				
07:45		5	1	30	10	22	2	101	6	131	16
08:00		9	2			17	4				
08:15		5	0			16	2				
08:30		9	0			33	2				
08:45		11	1	34	3	20	1	86	9	120	12
09:00		3	2			12	3				
09:15		4	0			16	1				
09:30		2	2			2	1				
09:45		2	0	11	4	1	0	31	5	42	9
10:00		3	1			4	0				
10:15		2	0			3	1				
10:30		6	0			5	2				
10:45		10	0	21	1	6	0	18	3	39	4
11:00		8	0			6	0				
11:15		7	0			1	0				
11:30		6	0			5	0				
11:45		3	0	24	0	4	0	16	0	40	0
Total		130	362			322	281			452	643
Combined Total		492				603				1095	
Percentage	0.0%										
Total Percent		248	689			609	492			857	1181
		26.5%	73.5%			55.3%	44.7%			42.1%	57.9%
ADT		ADT 1,019									
			AADT 1,019								

Spring Street east of Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Cclass

Site Code: Y-13449.21

Westbound[illegible]

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

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Page 2

Spring Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

05095Cclass

Site Code: Y-13449.21

Westbound

Start Time	Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axl Double	5 Axle Double	>6 Axl Double	<6 Axl Multi	6 Axle Multi	>6 Axl Multi	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
06:00	0	2	0	0	0	0	0	0	0	0	0	0	0	2
07:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	1	1	0	2	0	0	2	0	0	0	0	0	6
11:00	0	1	2	1	0	0	0	0	0	0	0	0	0	4
12 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	2
13:00	0	0	3	0	1	0	0	0	0	0	0	0	0	4
14:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
15:00	0	0	0	0	1	0	0	0	0	0	0	0	0	1
16:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
17:00	0	2	2	0	0	0	0	0	0	0	0	0	0	4
18:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	12	14	2	4	0	0	2	0	0	0	0	0	34
Percent	0.0%	35.3%	41.2%	5.9%	11.8%	0.0%	0.0%	5.9%	0.0%	0.0%	0.0%	0.0%	0.0%	
AM Peak		06:00	11:00	11:00	10:00			10:00						10:00
Vol.		2	2	1	2			2						6
PM Peak		17:00	13:00	12:00	13:00									13:00
Vol.		2	3	1	1									4
Grand Total	0	34	29	2	7	0	0	2	0	0	0	0	0	74
Percent	0.0%	45.9%	39.2%	2.7%	9.5%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	

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Page 1

Spring Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Cspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
10:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2
11:00	0	1	2	0	0	0	0	0	0	0	0	0	0	3
12 PM	0	1	1	0	0	0	0	0	0	0	0	0	0	2
13:00	1	0	1	1	0	0	0	0	0	0	0	0	0	3
14:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
15:00	0	1	3	1	0	0	0	0	0	0	0	0	0	5
16:00	1	1	1	0	0	0	0	0	0	0	0	0	0	3
17:00	2	3	2	0	0	0	0	0	0	0	0	0	0	7
18:00	2	2	1	0	0	0	0	0	0	0	0	0	0	5
19:00	0	0	2	0	0	0	0	0	0	0	0	0	0	2
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	11	12	15	2	0	0	0	0	0	0	0	0	0	40
Percent	27.5%	30.0%	37.5%	5.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 8 MPH
50th Percentile : 18 MPH
85th Percentile : 23 MPH
95th Percentile : 25 MPH

Mean Speed(Average) : 18 MPH

10 MPH Pace Speed : 16-25 MPH

Number in Pace : 27

Percent in Pace : 67.5%

Number of Vehicles > 25 MPH : 2

Percent of Vehicles > 25 MPH : 5.0%

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Page 2

Spring Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Westbound

05095Cspeed
Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2
06:00	2	0	0	0	0	0	0	0	0	0	0	0	0	2
07:00	1	0	0	0	0	0	0	0	0	0	0	0	0	1
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	6	0	0	0	0	0	0	0	0	0	0	0	0	6
11:00	2	1	1	0	0	0	0	0	0	0	0	0	0	4
12 PM	0	1	1	0	0	0	0	0	0	0	0	0	0	2
13:00	1	2	1	0	0	0	0	0	0	0	0	0	0	4
14:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2
15:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
16:00	0	1	1	0	0	0	0	0	0	0	0	0	0	2
17:00	1	2	1	0	0	0	0	0	0	0	0	0	0	4
18:00	1	2	0	0	0	0	0	0	0	0	0	0	0	3
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	10	8	0	0	0	0	0	0	0	0	0	0	34
Percent	47.1%	29.4%	23.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily
15th Percentile : 4 MPH
50th Percentile : 15 MPH
85th Percentile : 21 MPH
95th Percentile : 23 MPH

Mean Speed(Average) : 14 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 18
Percent in Pace : 52.9%
Number of Vehicles > 25 MPH : 0
Percent of Vehicles > 25 MPH : 0.0%

Grand Total	27	22	23	2	0	0	0	0	0	0	0	0	0	74
-------------	----	----	----	---	---	---	---	---	---	---	---	---	---	----

Overall
15th Percentile : 6 MPH
50th Percentile : 17 MPH
85th Percentile : 23 MPH
95th Percentile : 24 MPH
Mean Speed(Average) : 16 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 45
Percent in Pace : 60.8%
Number of Vehicles > 25 MPH : 2
Percent of Vehicles > 25 MPH : 2.7%

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Spring Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Cspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/16/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	1	0	1	0	0	0	0	0	0	0	0	0	2
07:00	0	1	2	1	0	0	0	0	0	0	0	0	0	4
08:00	0	5	5	1	0	0	0	0	0	0	0	0	0	11
09:00	1	0	2	1	0	0	0	0	0	0	0	0	0	4
10:00	1	0	1	0	0	0	0	0	0	0	0	0	0	2
11:00	2	0	1	0	0	0	0	0	0	0	0	0	0	3
12 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
13:00	1	3	2	1	0	0	0	0	0	0	0	0	0	7
14:00	0	5	6	4	1	0	0	0	0	0	0	0	0	16
15:00	1	1	6	6	0	0	0	0	0	0	0	0	0	14
16:00	2	2	0	1	0	0	0	0	0	0	0	0	0	5
17:00	1	2	12	3	0	0	0	0	0	0	0	0	0	18
18:00	0	1	1	2	0	0	0	0	0	0	0	0	0	4
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	1	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	9	22	39	21	1	0	0	0	0	0	0	0	0	92
Percent	9.8%	23.9%	42.4%	22.8%	1.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 16 MPH
50th Percentile : 21 MPH
85th Percentile : 26 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 22 MPH

10 MPH Pace Speed : 16-25 MPH

Number in Pace : 61

Percent in Pace : 66.3%

Number of Vehicles > 25 MPH : 22

Percent of Vehicles > 25 MPH : 23.9%

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Spring Street east of
Washington Street (Route 126)

City, State: Holliston, MA

Client: McM/E. Buck

Eastbound

05095Cspeed

Site Code: Y-13449.21

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	Total
10/17/18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	0	1	1	0	0	0	0	0	0	0	0	0	2
07:00	0	1	3	3	0	0	0	0	0	0	0	0	0	7
08:00	1	3	4	1	0	0	0	0	0	0	0	0	0	9
09:00	0	2	3	1	1	0	0	0	0	0	0	0	0	7
10:00	1	3	0	0	0	0	0	0	0	0	0	0	0	4
11:00	0	4	4	3	0	0	0	0	0	0	0	0	0	11
12 PM	0	1	4	3	0	0	0	0	0	0	0	0	0	8
13:00	1	0	2	0	0	0	0	0	0	0	0	0	0	3
14:00	0	8	8	4	0	0	0	0	0	0	0	0	0	20
15:00	0	2	9	1	1	0	0	0	0	0	0	0	0	13
16:00	2	4	5	4	1	0	0	0	0	0	0	0	0	16
17:00	2	1	5	4	0	0	0	0	0	0	0	0	0	12
18:00	1	1	0	0	0	0	0	0	0	0	0	0	0	2
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	1	0	0	0	0	0	0	0	0	0	0	0	1
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	8	31	48	25	3	0	0	0	0	0	0	0	0	115
Percent	7.0%	27.0%	41.7%	21.7%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	

Daily

15th Percentile : 16 MPH
50th Percentile : 21 MPH
85th Percentile : 27 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 22 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 79
Percent in Pace : 68.7%
Number of Vehicles > 25 MPH : 28
Percent of Vehicles > 25 MPH : 24.3%

Grand Total	17	53	87	46	4	0	0	0	0	0	0	0	0	207
----------------	----	----	----	----	---	---	---	---	---	---	---	---	---	-----

Overall

15th Percentile : 16 MPH
50th Percentile : 21 MPH
85th Percentile : 27 MPH
95th Percentile : 29 MPH

Mean Speed(Average) : 22 MPH
10 MPH Pace Speed : 16-25 MPH
Number in Pace : 140
Percent in Pace : 67.6%
Number of Vehicles > 25 MPH : 50
Percent of Vehicles > 25 MPH : 24.2%

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Spring Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095Cvolume
Site Code: Y-13449.21

Start Time	16-Oct-18		WB		EB		Combined		17-Oct		WB		EB		Combined	
	Tue		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.	Wed		A.M.	P.M.	A.M.	P.M.	A.M.	P.M.
12:00			0	0	0	0	0	0			0	1	0	2	0	3
12:15			0	0	0	0	0	0			0	1	0	5	0	6
12:30			0	1	0	1	0	2			0	0	0	1	0	1
12:45			0	1	0	0	0	1			0	0	0	0	0	0
01:00			0	1	0	1	0	2			0	1	0	0	0	1
01:15			0	0	0	1	0	1			0	0	0	0	0	0
01:30			0	0	0	0	0	0			0	0	0	2	0	2
01:45			0	2	0	5	0	7			0	3	0	1	0	4
02:00			0	1	0	1	0	2			0	0	0	1	0	1
02:15			0	0	0	6	0	6			0	0	0	5	0	5
02:30			0	0	0	4	0	4			0	1	0	5	0	6
02:45			0	0	0	5	0	5			0	1	0	9	0	10
03:00			0	0	0	2	0	2			0	0	0	4	0	4
03:15			0	2	0	8	0	10			0	0	0	2	0	2
03:30			0	1	0	2	0	3			0	1	0	2	0	3
03:45			0	2	0	2	0	4			0	0	0	5	0	5
04:00			0	2	0	0	0	2			0	1	0	7	0	8
04:15			0	0	0	1	0	1			0	0	0	4	0	4
04:30			0	1	0	3	0	4			0	0	0	1	0	1
04:45			0	0	0	1	0	1			0	1	0	4	0	5
05:00			0	1	0	4	0	5			0	1	0	2	0	3
05:15			0	2	0	4	0	6			0	2	0	3	0	5
05:30			0	0	0	3	0	3			0	1	0	5	0	6
05:45		1	4	0	0	7	1	11		2	0	0	0	2	2	2
06:00		1	1	0	0	2	1	3		1	2	0	0	2	1	4
06:15		0	4	0	0	0	0	4		1	0	0	0	0	1	0
06:30		1	0	0	0	1	1	1		0	1	0	0	0	0	1
06:45		0	0	0	2	1	2	1		0	0	0	2	0	2	0
07:00		0	0	0	1	0	1	0		0	0	0	2	0	2	0
07:15		2	1	0	1	0	3	1		0	0	0	2	0	2	0
07:30		0	1	0	1	0	1	1		1	0	0	1	0	2	0
07:45		0	0	0	1	0	1	0		0	0	0	2	0	2	0
08:00		0	0	0	2	0	2	0		0	0	0	4	0	4	0
08:15		0	0	0	0	0	0	0		0	0	0	1	0	1	0
08:30		1	0	0	6	0	7	0		0	0	0	2	0	2	0
08:45		0	0	0	3	0	3	0		1	0	0	2	0	3	0
09:00		0	0	0	1	0	1	0		0	0	0	3	0	3	0
09:15		1	0	0	1	0	2	0		0	0	0	4	0	4	0
09:30		0	0	0	1	1	1	1		0	0	0	0	1	0	1
09:45		0	0	0	1	0	1	0		0	0	0	0	0	0	0
10:00		0	0	0	0	0	0	0		2	0	0	1	0	3	0
10:15		1	0	0	1	0	2	0		0	0	0	1	0	1	0
10:30		1	0	0	1	0	2	0		2	0	0	1	0	3	0
10:45		0	0	0	0	0	0	0		2	0	0	1	0	3	0
11:00		1	0	0	0	0	1	0		1	0	0	0	0	1	0
11:15		1	0	0	0	0	1	0		1	0	0	4	0	5	0
11:30		0	0	0	0	0	0	0		0	0	0	6	0	6	0
11:45		1	0	0	3	0	4	0		2	0	0	1	0	3	0
Total			12	28	26	66	38	94			16	18	40	75	56	93
Day Total			40		92		132				34		115		149	
% Total			9.1%	21.2%	19.7%	50.0%					10.7%	12.1%	26.8%	50.3%		
Peak	-	05:45	05:30	08:00	02:30	08:30	05:00		-	10:00	04:45	08:30	02:15	10:45		02:15
Vol.	-	3	9	11	19	13	25		-	6	5	11	23	15		25
P.H.F.		0.750	0.563	0.458	0.594	0.464	0.568			0.750	0.417	0.688	0.639	0.625		0.625

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Spring Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095Cvolume
Site Code: Y-13449.21

Start Time	16-Oct-18 Tue	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	0			0	0				
12:15		0	0			0	0				
12:30		0	1			0	1				
12:45		0	1	0	2	0	0	0	1	0	3
01:00		0	1			0	1				
01:15		0	0			0	1				
01:30		0	0			0	0				
01:45		0	2	0	3	0	5	0	7	0	10
02:00		0	1			0	1				
02:15		0	0			0	6				
02:30		0	0			0	4				
02:45		0	0	0	1	0	5	0	16	0	17
03:00		0	0			0	2				
03:15		0	2			0	8				
03:30		0	1			0	2				
03:45		0	2	0	5	0	2	0	14	0	19
04:00		0	2			0	0				
04:15		0	0			0	1				
04:30		0	1			0	3				
04:45		0	0	0	3	0	1	0	5	0	8
05:00		0	1			0	4				
05:15		0	2			0	4				
05:30		0	0			0	3				
05:45		1	4	1	7	0	7	0	18	1	25
06:00		1	1			0	2				
06:15		0	4			0	0				
06:30		1	0			0	1				
06:45		0	0	2	5	2	1	2	4	4	9
07:00		0	0			1	0				
07:15		2	1			1	0				
07:30		0	1			1	0				
07:45		0	0	2	2	1	0	4	0	6	2
08:00		0	0			2	0				
08:15		0	0			0	0				
08:30		1	0			6	0				
08:45		0	0	1	0	3	0	11	0	12	0
09:00		0	0			1	0				
09:15		1	0			1	0				
09:30		0	0			1	1				
09:45		0	0	1	0	1	0	4	1	5	1
10:00		0	0			0	0				
10:15		1	0			1	0				
10:30		1	0			1	0				
10:45		0	0	2	0	0	0	2	0	4	0
11:00		1	0			0	0				
11:15		1	0			0	0				
11:30		0	0			0	0				
11:45		1	0	3	0	3	0	3	0	6	0
Total Combined Total Percentage		12	28			26	66			38	94
	0.0%	40				92				132	

Transportation Data Corporation

Mario Perone, mperone1@verizon.net

tel (781) 587-0086 cell (781) 439-4999

Page 2

Spring Street east of
Washington Street (Route 126)
City, State: Holliston, MA
Client: McM/E. Buck

05095Cvolume
Site Code: Y-13449.21

Start Time	17-Oct-18 Wed	WB		Hour Totals		EB		Hour Totals		Combined Totals	
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	1			0	2				
12:15		0	1			0	5				
12:30		0	0			0	1				
12:45		0	0	0	2	0	0	0	8	0	10
01:00		0	1			0	0				
01:15		0	0			0	0				
01:30		0	0			0	2				
01:45		0	3	0	4	0	1	0	3	0	7
02:00		0	0			0	1				
02:15		0	0			0	5				
02:30		0	1			0	5				
02:45		0	1	0	2	0	9	0	20	0	22
03:00		0	0			0	4				
03:15		0	0			0	2				
03:30		0	1			0	2				
03:45		0	0	0	1	0	5	0	13	0	14
04:00		0	1			0	7				
04:15		0	0			0	4				
04:30		0	0			0	1				
04:45		0	1	0	2	0	4	0	16	0	18
05:00		0	1			0	2				
05:15		0	2			0	3				
05:30		0	1			0	5				
05:45		2	0	2	4	0	2	0	12	2	16
06:00		1	2			0	2				
06:15		1	0			0	0				
06:30		0	1			0	0				
06:45		0	0	2	3	2	0	2	2	4	5
07:00		0	0			2	0				
07:15		0	0			2	0				
07:30		1	0			1	0				
07:45		0	0	1	0	2	0	7	0	8	0
08:00		0	0			4	0				
08:15		0	0			1	0				
08:30		0	0			2	0				
08:45		1	0	1	0	2	0	9	0	10	0
09:00		0	0			3	0				
09:15		0	0			4	0				
09:30		0	0			0	1				
09:45		0	0	0	0	0	0	7	1	7	1
10:00		2	0			1	0				
10:15		0	0			1	0				
10:30		2	0			1	0				
10:45		2	0	6	0	1	0	4	0	10	0
11:00		1	0			0	0				
11:15		1	0			4	0				
11:30		0	0			6	0				
11:45		2	0	4	0	1	0	11	0	15	0
Total		16	18			40	75			56	93
Combined Total		34				115				149	
Percentage	0.0%										
Total Percent		28	46			66	141			94	187
		37.8%	62.2%			31.9%	68.1%			33.5%	66.5%
ADT		ADT 140		AADT 140							

Massachusetts Highway Department

3321: Monthly Hourly Volume for October 2016

Location ID:	3321	Seasonal Factor Group:	U1-Worcester
County:	Worcester	Daily Factor Group:	
Functional Class	1	Axle Factor Group:	U1-Worcester
Location:	INTERSTATE 495	Growth Factor Group:	

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	TOTAL
1	703	416	278	275	306	757	1447	2255	3086	3856	4740	5569	5934	5900	5764	5765	5626	4979	4197	3003	2445	2299	2335	1247	73182
2	677	435	221	173	190	443	789	1649	3177	4640	5624	5918	5793	4934	4733	5168	6783	6534	4789	3210	2273	1503	996	583	71235
3	312	200	216	283	741	2782	5963	8304	7030	5060	4193	4189	4186	4229	5158	6712	7843	7183	5871	2945	1938	1457	964	559	88318
4	363	258	268	321	716	2596	6204	8669	7180	5167	4037	3784	4166	4279	5444	6924	8181	8364	5401	3064	2122	1571	1053	694	90826
5	357	248	238	332	709	2696	5855	8168	7226	5296	4345	4171	4318	4452	5773	7625	8470	8461	5772	3484	2292	1729	1163	723	93903
6	400	303	235	312	724	2702	6296	8642	7558	5471	4550	4362	4560	4865	5495	8037	8522	8504	6050	3868	2562	1925	1257	767	97967
7	493	293	267	352	710	2562	5634	7722	6712	5194	5095	5483	5999	6728	8101	8828	9175	8602	6263	4745	3030	2422	1680	1133	107223
8	672	477	276	281	360	780	1813	2705	3810	4929	5693	6184	6297	6164	5841	5873	5666	5291	4263	3297	2573	2088	1677	1227	78237
9	719	391	260	146	179	384	797	1335	1848	2900	3957	4900	5409	4606	4051	3873	4018	3926	3443	2686	2100	1374	940	644	54886
10	397	242	242	264	527	1676	3703	5233	4820	4579	5164	5631	5745	5867	6673	7323	7932	7983	5555	3939	2870	1862	1205	777	90209
11	418	281	246	340	751	2753	6084	8622	6206	6394	4530	4256	4215	4553	5769	7321	8414	8278	5637	3251	2038	1647	1073	704	93781
12	369	276	262	320	692	2627	6048	8288	7112	5183	4265	4362	4470	4420	5672	7361	8195	8320	5700	3224	2226	1709	1075	747	92923
13	398	283	251	343	748	2717	6109	8720	7643	5637	4488	4264	4326	4570	6065	7953	8465	8410	6027	3474	2324	1823	1187	729	96954
14	468	314	269	352	692	2523	5805	8033	6854	5360	4791	4997	5127	5661	7081	8500	8801	8668	6393	4079	2562	2117	1628	1060	102135
15	657	409	299	251	339	890	1993	2976	3949	4795	5350	6018	6615	6728	6416	6263	6543	5865	4853	3746	3010	2454	1991	1274	83684
16	739	422	274	175	198	465	1113	1973	3782	5213	6022	6044	5862	5260	4794	5120	6723	7183	5600	3796	2425	1601	949	589	76322
17	326	211	206	305	717	2740	6018	8642	7463	5323	4248	3996	4125	4149	5263	6940	7415	7910	5622	2846	1892	1466	895	607	89325
18																									
19	376	278	251	317	715	2679	5757	9446	7726	5496	4326	4185	4299	4566	5771	7729	8462	8346	5583	3375	2276	1651	1059	701	95370
20	432	295	264	321	744	2623	6383	8615	7614	5522	4325	4084	4394	4583	5977	7569	8789	8321	5786	3381	2311	1720	1215	793	96061
21	490	307	270	336	677	2466	5513	7547	6731	5304	4489	4227	4492	4832	5725	7753	8017	7106	6015	3516	2162	1944	1453	1078	92450
22	615	423	297	246	321	794	1613	2453	3282	4114	4918	5318	5656	5761	5752	5688	5781	4940	4011	2858	2280	1969	1736	1176	72002
23	783	413	252	174	186	380	828	1481	2318	3527	4422	5438	5849	5774	6077	5891	5397	4348	4099	3657	2846	1686	961	556	67343
24	328	172	222	306	709	2688	6169	8517	7226	5160	3931	3815	3967	4151	5068	6880	7704	7862	5377	2938	1908	1394	914	596	88002
25	363	276	259	352	665	2750	6185	8803	7478	5254	3975	3923	3913	4171	5516	7304	8167	8345	5548	3152	2071	1667	1009	668	91814
26	418	295	238	331	669	2732	6243	8653	7518	5273	4023	3713	4133	4382	5501	7405	8399	8341	5658	3180	2176	1706	1099	683	92769
27	429	285	230	329	714	2642	6036	8739	7470	5379	4093	4100	4230	4585	5812	7753	8025	8146	5897	3283	2256	1670	1071	668	93842
28	415	321	273	326	644	2376	5376	7715	6814	4935	4407	4478	4902	5338	6614	8228	8459	8550	5970	3421	2368	1867	1475	1008	96280
29	623	393	315	266	327	785	1824	2488	3365	4045	4685	5040	5388	5510	5453	5436	5435	4975	4032	3138	2380	2029	1670	1305	70907
30	814	512	302	205	195	388	797	1450	2078	2954	3928	4991	5263	4663	4295	4269	4903	4712	3652	2619	2086	1297	847	565	57785
31	378	211	218	303	683	2714	5985	8286	6871	4788	3703	3708	3729	3943	5206	7238	7131	7579	3866	1989	1795	1239	872	589	83024
																								Oct 2016 ADT	85958.63
																								2016 AADT	83,945
																								Adjustment	97.66%

Massachusetts Highway Department

3321: Monthly Hourly Volume for December 2016

Location ID: 3321 Seasonal Factor Group: U1-Worcester
 County: Worcester Daily Factor Group:
 Function Class: 1 Axle Factor Group: U1-Worcester
 Location: INTERSTATE 495 Growth Factor Group:

	0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	TOTAL
1	407	306	221	323	638	2660	5970	8485	7173	5351	4056	3974	4085	4303	5518	7489	8077	8200	5608	3024	2174	1699	1207	764	91712
2	434	341	256	351	653	2562	5640	7776	6842	4832	4268	4256	4688	5175	6389	8276	8242	8011	5477	3162	2122	1824	1527	972	94076
3	576	382	272	256	370	976	1938	2407	3186	3948	4584	4803	4961	5084	5334	5404	5708	4959	3792	2705	2455	2194	1877	1306	69477
4	720	412	231	142	200	417	882	1448	3011	4197	5082	4944	4708	4325	4126	4479	6357	5973	4031	2672	1906	1287	808	484	62842
5	277	227	217	284	711	2612	3580	5075	6102	5413	3633	3307	3630	3729	4575	6042	6767	7396	4688	2448	1767	1304	886	629	75299
6	354	257	222	334	669	2593	5960	8342	7212	5516	4092	3883	3869	4219	5384	7154	8119	7818	5710	2875	2032	1553	1003	639	89809
7	381	299	231	326	715	2580	5699	7825	7050	5198	3866	3826	3941	4112	5337	7105	7901	7957	5233	2935	2160	1642	1143	749	88211
8	406	281	249	324	669	2632	5960	8121	7276	5280	4151	3872	4180	4574	5916	7616	8072	8115	5601	3097	2282	1911	1269	756	92610
9	463	310	269	337	670	2500	5536	7640	6484	4964	4353	4437	4735	5153	6695	8032	8203	7790	5656	3334	2099	1878	1549	1092	94179
10	699	406	282	218	335	883	1699	2335	3151	3580	4374	4922	5015	5142	4993	5352	5225	4898	3952	2990	2284	2032	1836	1283	67886
11	752	432	258	159	176	388	730	1228	1859	2803	3709	4559	5027	4754	4821	4862	4675	4163	3431	2649	1889	1236	763	509	55832
12																									
13	2068	2114	1055	308	661	2586	5730	8401	7593	5601	4406	4261	4212	4447	5516	7305	8045	8238	5399	2909	2122	1577	1046	707	96307
14	386	306	238	287	656	2590	5918	7646	6992	5425	4163	4332	4359	4451	5766	7493	8014	8254	5824	3170	2254	1910	1232	756	92422
15	421	291	244	341	637	2603	5761	8318	6581	5260	4020	4418	4374	4690	5940	7422	8111	8048	5379	3181	2235	1734	1398	860	92267
16	498	365	305	373	776	2747	5505	7999	7483	5028	4194	4536	4670	5240	6660	8221	8361	7654	5280	3380	2448	2012	1711	1239	96685
17	721	409	329	281	333	681	915	1247	1471	1420	1562	1892	2166	2655	3347	3396	3464	3249	2884	2142	1755	1635	1559	1101	40614
18	667	363	207	163	151	308	658	1041	1589	2856	3826	4700	5293	5151	4896	4853	4489	3742	3127	2531	2290	1348	882	540	55671
19	292	182	210	294	665	2552	5544	7738	7031	4886	4087	4080	4112	4441	5383	6812	7593	7876	4929	2829	1989	1459	981	688	86653
20	431	269	263	326	663	2487	5545	7980	6680	5079	4185	4162	4380	4761	5814	7431	8196	7980	5731	3093	2321	1663	1142	768	91350
21	469	318	234	335	644	2375	5512	7857	6949	5120	4305	4462	4524	4941	6032	7756	8095	8144	5744	3238	2395	1849	1322	832	93452
22	488	313	274	374	645	2369	5158	7049	6319	4766	4523	4509	4653	5121	6159	7546	7946	7699	5112	3144	2362	1885	1303	913	90630
23	551	344	284	337	536	1865	3900	5011	4690	4059	4573	4999	5778	6293	6888	6874	6269	5022	3809	2762	2194	1860	1638	1094	81630
24	710	433	301	231	241	483	942	1439	2729	3990	4941	5156	5081	4618	4303	5000	5967	5569	3789	2445	2707	2921	2551	1515	68062
25	709	328	167	96	85	171	304	534	1063	1916	3060	4742	5986	5691	4332	3327	3630	3943	4127	3869	3521	2513	1579	839	56532
26	408	212	137	149	226	538	971	1286	1912	2966	4336	5149	5389	5179	5107	4992	4594	4000	3288	2567	2118	1617	1165	661	58967
27	371	252	224	254	547	1937	3791	5129	4791	4341	4496	4796	5039	4942	5653	6840	7042	6556	4053	2574	2022	1643	1130	738	79161
28	452	313	249	278	603	1972	4062	5514	5403	4499	4784	5135	5038	5482	6043	7325	7615	7639	4677	2915	2234	1852	1304	832	86220
29	469	313	265	279	595	1947	3785	4883	4871	3988	3908	4069	4108	3963	4484	4945	5154	4477	2627	1576	1412	1081	852	628	64679
30	403	262	211	314	532	1601	3136	4175	4067	3793	4166	4988	5165	5342	6482	7101	6677	5780	4125	2788	2171	1794	1501	1080	77654
31	611	423	252	227	241	525	953	1423	1967	2633	3556	4149	4418	4485	4407	4448	4229	3525	2815	2019	1476	1130	906	664	51482

Dec 2016 ADT 78079.03

2016 AADT 83,945

Adjustment 107.51%