

MEMORANDUM

TO: Ms. Mary Savage Dunham, AICP, CFM
Director of Community Planning
Town of Hingham
210 Central Street
Hingham, MA 02043

FROM: Mr. Jeffrey S. Dirk, P.E., PTOE, FITE
Principal
Vanasse & Associates, Inc.
35 New England Business Center Drive
Suite 140
Andover, MA 01810
(978) 269-9830
jdirk@rdva.com



DATE: August 15, 2017

RE: 7711

SUBJECT: Station Street Parking Lot
Parking Demand Observations
Hingham, Massachusetts

Vanasse & Associates, Inc. (VAI) has completed an assessment of parking demands within the Station Street parking lot located in Hingham, Massachusetts. The purpose of this assessment is to: i) determine the peak parking demand within the Station Street parking lot; ii) evaluate the available parking supply as it relates to the identified peak demand period; and iii) determine the average parking duration for vehicles parked within the lot.

Based on this analysis, we have determined the following with respect to parking demands within the Station Street parking lot:

1. The Station Street parking lot provides a total available parking supply of 197 spaces including 4 handicapped spaces, of which 83 spaces (42 percent) were found to be occupied during the peak parking demand period (2:00 PM) on a weekday, 101 spaces (51 percent) were found to be occupied during the peak parking demand period (7:00 PM) on a Saturday, and 60 spaces (30 percent) were found to be occupied during the peak parking demand period (7:00 PM) on a Sunday;
2. The average observed parking duration was found to be approximately 3.5 hours on a weekday and approximately 4 hours on both Saturday and Sunday; and
3. The majority of the occupied spaces were found to be concentrated in close proximity to Station Street and Water Street, and were observed to serve the retail/commercial businesses located along these streets.

The following details the methodology and findings of the parking demand study for the Station Street parking lot.

PARKING DEMAND STUDY

A detailed parking demand study was conducted for the Station Street parking lot in order to identify parking demands and utilization within the parking field. The Station Street parking lot and its associated parking area is generally bounded by Station Street to the north; the Massachusetts Bay Transportation Authority (MBTA) commuter rail tracts to the south; Water Street to the east; and commercial properties to the west. Figure 1 depicts the Station Street parking lot location and layout.

Parking Inventory

A detailed inventory of the existing parking supply within the Station Street parking lot was conducted in July 2017. Based on this inventory, it was determined that the Station Street parking lot currently contains a total of 197 marked parking spaces, including 4 handicapped accessible spaces. There are no parking restrictions or regulations posted within the lot (i.e., time or use limitations) other than for use of the handicapped accessible spaces.

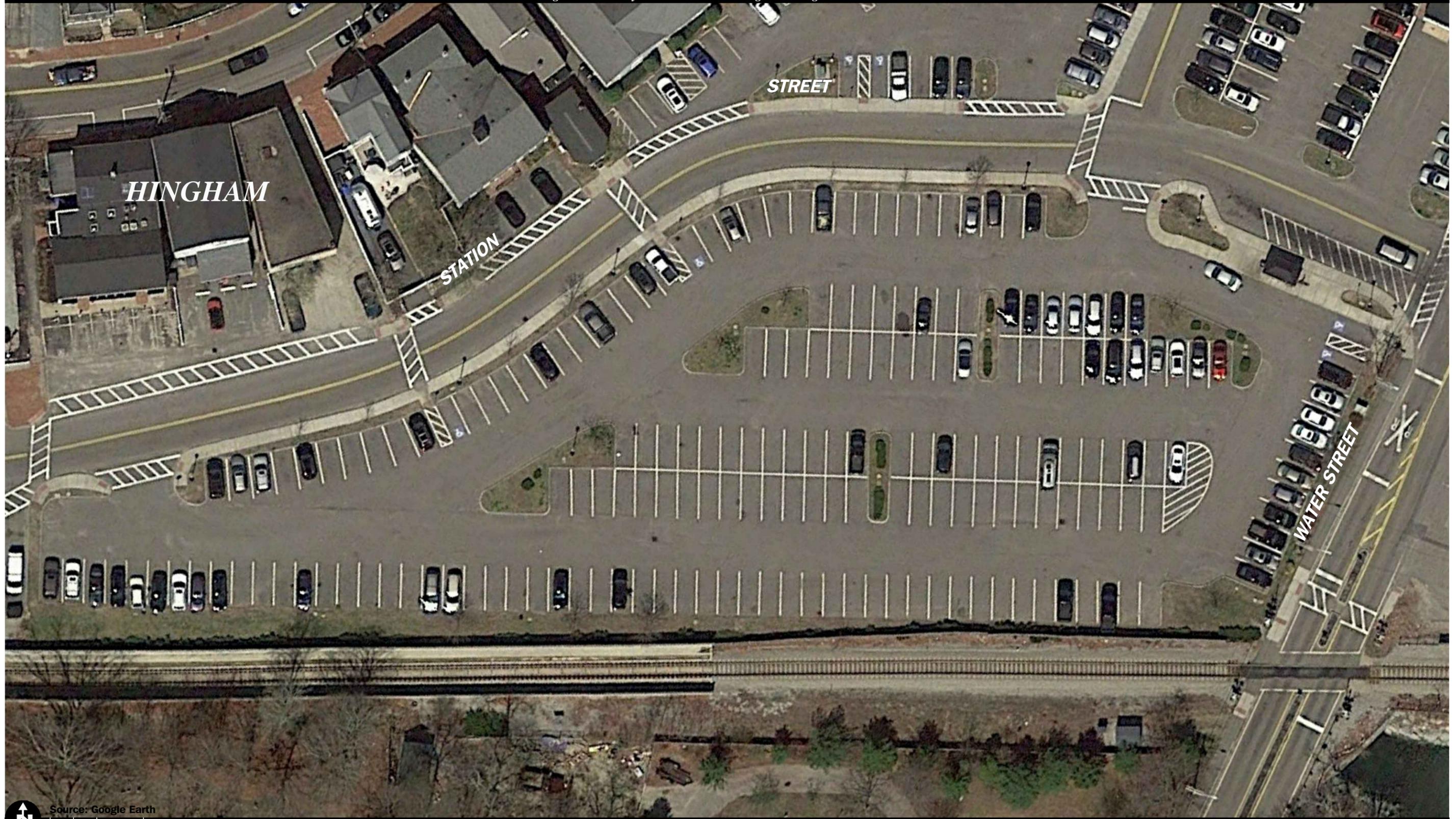
Parking Demand Observations

In order to determine the parking demands and space utilization within the Station Street parking lot, parking demand observations were conducted on Wednesday, July 26, 2017; Saturday, July 22, 2017; and Sunday, July 23, 2017; under favorable (sunny) weather conditions between 10:00 AM and 10:00 PM. The parking observations were completed in 30 minute intervals during the observation period and included both the number of vehicles parked and their location within the parking field. Table 1 summarizes the observed parking demands for each of the observation days, with the peak parking demand period shaded for identification.

As can be seen in Table 1, the observed peak parking demand within the Station Street parking lot during the weekday observation period was identified to occur at 2:00 PM with 83 spaces occupied, or approximately 42 percent occupancy of the available spaces within the lot (197 spaces). During the Saturday observation period, the peak parking demand was identified to occur at 7:00 PM with 101 spaces occupied, or approximately 51 percent occupancy. During the Sunday observation period, the peak parking demand was identified to occur at 7:00 PM with 60 spaces occupied, or approximately 30 percent occupancy.

Further review of parking observation data indicated an average duration of stay of approximately 3.5 hours during the weekday observation period and approximately 4 hours during both the Saturday and Sunday observation periods.

A review of parking utilization within the parking field indicated that the majority of the occupied spaces were concentrated in the area proximate to Station Street and Water Street, and were observed to serve the retail/commercial businesses located along these streets.



Source: Google Earth
0 20 40 Scale in Feet



Figure 1
Station Street Parking Lot
Study Area

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Table 1
STATION STREET PARKING LOT
PARKING DEMAND OBSERVATIONS

Time	Wednesday, July 26, 2017		Saturday, July 22, 2017		Sunday, July 23, 2017	
	Number of Occupied Parking Spaces	Parking Occupancy (%) ^a	Number of Occupied Parking Spaces	Parking Occupancy (%) ^a	Number of Occupied Parking Spaces	Parking Occupancy (%) ^a
10:00 AM	69	35	41	21	26	13
10:30	73	37	40	20	25	13
11:00	76	38	45	23	31	16
11:30	77	39	44	22	29	15
12:00 Noon	78	40	48	24	37	19
12:30 PM	76	38	58	29	45	23
1:00	80	41	53	27	42	21
1:30	78	40	56	28	44	22
2:00	83	42	56	28	50	25
2:30	74	37	52	26	46	23
3:00	78	40	45	23	46	23
3:30	77	39	44	22	39	20
4:00	77	39	57	29	34	17
4:30	65	33	56	28	32	16
5:00	57	29	64	32	39	20
5:30	51	26	70	36	37	19
6:00	63	32	90	46	48	24
6:30	62	31	98	50	58	29
7:00	69	35	101	51	60	30
7:30	69	35	97	49	54	27
8:00	62	31	90	46	50	25
8:30	45	23	83	42	43	22
9:00	42	21	64	32	34	17
9:30	37	19	54	27	30	15
10:00	35	18	52	26	29	15

^aBased on 197 available parking spaces including 4 handicapped accessible spaces.



SUMMARY AND CONCLUSIONS

VAI has completed an assessment of parking demands within the Station Street parking lot located in Hingham, Massachusetts. The purpose of this assessment was to: i) determine the peak parking demand within the Station Street parking lot; ii) evaluate the available parking supply as it relates to the identified peak demand period; and iii) determine the average parking duration for vehicles parked within the lot.

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2. The average observed parking duration was found to be approximately 3.5 hours on a weekday and approximately 4 hours on both Saturday and Sunday; and
3. The majority of the occupied spaces were found to be concentrated in close proximity to Station Street and Water Street, and were observed to serve the retail/commercial businesses located along these streets.

cc: BG, File

ATTACHMENTS

PARKING DEMAND OBSERVATION DATA

Parking Space Counts

Date: _____

Location: _____



Transportation Data Corporation
 P.O. Box 486 Norwood, MA 02062
 tel (781) 587-0086 cell (781) 439-4999

Station Street Lot, Hingham, MA Parking Accumulation Study
 Wednesday, July 26, 2017 10 AM-10 PM
 TDC #04921
 VAI/Bernie Guen #7711

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
1	x	x	x	x	x	x	x	x	x	x															
2	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	x	x	x	x	x	x	x	x	x	x	x	x	x	x											
4	x		x	x	x	x	x	x	x	x	x	x	x	x	x										
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6				x	x	x	x	x	x	x	x														
7	x	x	x	x	x	x	x		x		x	x	x												
8	x	x	x	x	x	x	x																		
9	x	x	x	x	x	x	x	x	x	x	x	x													
10	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x										
11			x	x	x	x	x	x	x	x	x														
12							x	x	x	x		x													
13																									
14		x	x	x	x	x	x	x	x		x														
15																									
16									x	x	x	x	x	x											
17																									
18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
21																									
22	x	x	x	x	x	x	x	x	x	x	x	x													
23																									
24	x	x																							
25																									
26																									
27																									
28																									
29																									
30																									
31																									
32	x	x	x	x	x	x																			
33																									
34																									
35					x	x																			
36																									
37																									
38																									
39																									
40																									
41																									
42																									

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
43																	X	X	X	X	X	X	X	X	X
44		X																							
45																									
46																									
47																									
48								X																	
49																									
50												X													
51																									
52	X						X																		
53								X	X	X	X	X	X												
54		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
55																									
56																									
57																									
58																									
59																									
60																									
61																				X	X				
62																									
63																									
64																									
65																									
66										X	X	X	X	X	X	X	X	X	X	X	X	X			
67																									
68																									
69																									
70																						X	X	X	
71																									
72																									
73																									
74																									
75																									
76																									
77																									
78																				X	X	X	X	X	X
79																									
80																									
81																									
82																									
83	X	X	X																						
84											X	X	X	X	X	X	X	X	X	X	X	X			
85																									
86																									
87																									
88																						X	X	X	X
89																									
90													X												
91																									
92							X				X	X													
93								X	X																
94			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X							
95		X	X	X																					

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Date: _____

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#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
96														X											
97							X	X	X	X	X	X	X	X											
98																									
99																				X	X	X	X	X	
100	X	X	X	X																					
101							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
102					X	X	X	X	X	X	X	X													
103																	X	X	X	X	X				
104	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
105			X	X	X	X	X	X	X	X	X	X	X	X	X	X									
106																									
107				X	X	X	X	X	X	X	X	X	X				X	X	X						
108	X	X	X	X	X	X	X	X	X											X	X	X	X	X	X
109																									
110	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
111			X	X		X	X	X		X															
112	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X	X		
113					X																				
114	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
115				X						X	X				X	X	X	X							
116	X	X	X	X	X		X		X		X	X	X	X	X	X	X	X	X	X	X	X			
117	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
118	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
HP119																									
HP120																									
121	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
122	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
123	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
124	X	X	X	X	X	X	X	X	X	X	X	X	X						X	X	X	X	X		
125					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
126																				X	X	X			
127	X	X	X	X	X	X	X											X	X	X	X	X	X	X	X
128	X	X	X	X	X	X	X	X	X	X	X	X							X	X	X	X			
129	X	X	X	X	X	X	X								X	X	X	X	X	X	X	X	X	X	X
130														X	X	X	X	X	X	X	X	X	X	X	X
131										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
132																		X	X	X	X				
133																				X	X	X			
134				X	X	X			X																
135									X						X	X	X	X	X	X	X				
136	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
137	X	X	X	X					X											X	X	X	X		
138						X																			
139																				X	X	X			
140												X	X	X											
141																				X	X	X			
142	X	X	X	X				X	X	X	X	X	X	X	X	X									
143	X	X	X	X	X	X	X	X	X	X	X	X	X	X											
144																		X	X	X					
145					X				X	X	X	X	X	X	X	X	X	X	X	X	X	X			
146									X									X	X	X	X	X			
147							X		X						X	X	X	X	X	X	X	X	X	X	X
148							X	X						X	X	X	X	X	X	X	X	X	X	X	X

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10	
149		X	X	X	X		X		X	X	X						X	X	X	X	X					
150	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				
151	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
152	X	X	X	X	X	X	X	X	X								X	X	X							
153	X	X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X	X				
154	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
155	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X							
156	X	X	X	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
157	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X						
158			X				X	X	X		X	X	X	X	X		X	X	X	X		X	X	X		
159	X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X							
160				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
161	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
162					X	X	X	X	X								X	X	X							
163				X				X	X			X	X	X	X	X	X	X	X	X	X	X	X	X		
164	X	X			X	X	X		X	X	X	X	X	X					X	X	X					
165			X	X				X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
166	X	X	X		X	X	X			X	X	X							X	X	X	X	X	X	X	X
167	X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
168				X				X	X	X	X	X	X				X	X	X	X	X					
169	X	X		X	X	X	X	X	X	X	X	X	X	X												
170	X	X	X	X				X	X	X					X	X	X	X	X	X	X	X	X			
171	X	X		X	X		X	X		X	X	X	X	X							X	X	X	X	X	X
172	X	X	X	X	X	X	X	X		X	X	X	X	X			X	X	X							
173	X	X	X		X	X	X	X			X	X	X						X		X	X	X	X	X	X
HP174	X		X			X																				
175		X	X	X	X		X	X	X	X	X	X	X						X	X		X	X	X	X	X
176	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
177	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
178	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X
179	X		X		X	X																				
180							X	X							X	X	X	X	X	X	X	X	X	X	X	X
181			X	X															X	X	X					
182	X	X	X		X	X																	X	X	X	X
183			X	X			X	X	X	X	X	X	X	X	X											
184	X	X			X	X																				
185			X				X	X	X	X	X						X	X	X	X	X	X	X	X	X	X
186					X	X			X							X	X	X								
HP187			X		X																					
188								X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
189	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
190		X	X	X		X	X		X	X	X	X	X						X	X						
191		X	X		X		X	X	X			X			X	X	X	X	X	X	X	X	X			
192	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X						
193	X	X	X	X	X	X	X	X	X			X	X	X						X						
194	X	X	X	X	X	X	X	X	X	X	X								X	X						
195	X	X	X	X	X	X		X	X	X	X	X														
196	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
197	X	X		X	X	X	X	X	X	X	X	X					X								X	X

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

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 P.O. Box 486 Norwood, MA 02062
 tel (781) 587-0086 cell (781) 439-4999

Station Street Lot, Hingham, MA Parking Accumulation Study
 Saturday, July 22, 2017 10 AM-10 PM
 TDC #04921
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#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
1	X	X	X			X	X	X	X	X	X														
2	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3	X		X	X	X	X	X	X	X	X															
4	X	X	X	X	X	X	X	X	X																
5	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
6	X	X	X	X	X	X	X	X	X																
7	X	X	X	X	X	X	X	X	X				X	X	X	X	X								
8																									
9	X					X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X
10						X					X						X								
11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
13																									
14	X												X												
15																									
16													X												
17																									
18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
21							X	X																	
22																									
23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
24																									
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#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
43								X	X																
44			X	X	X	X	X	X	X	X															
45																	X								
46															X	X	X	X	X	X	X	X	X	X	X
47																									
48											X	X	X	X	X	X	X	X	X	X	X				
49																									
50										X	X	X	X	X	X	X	X	X	X	X	X				
51																									
52																									
53																	X	X	X	X	X	X	X	X	X
54																	X	X	X	X					
55																									
56																		X	X	X	X				
57																									
58																		X	X	X	X	X	X	X	X
59																	X	X	X	X					
60													X												
61																									
62																									
63																									
64																									
65																						X	X	X	X
66																		X	X	X	X	X	X	X	X
67																									
68																									
69																				X	X				
70																									
71																									
72																									
73																									
74		X	X	X	X	X	X	X	X	X	X	X				X									
75																X									
76					X	X	X																		
77																									
78																									
79	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X										
80																									
81																		X	X	X	X	X	X	X	X
82																			X	X	X	X	X	X	X
83																	X	X	X	X	X	X	X	X	X
84																			X	X	X	X	X	X	X
85																									
86																			X	X					
87																									
88																									
89																	X	X	X	X	X	X	X		
90																		X	X	X	X	X			
91																									
92																	X	X							
93																		X	X	X	X	X			
94			X	X	X	X	X	X	X	X	X	X			X	X	X	X							
95																									

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
96															X	X	X	X	X						
97																	X	X	X	X	X	X			
98																			X	X	X				
99																			X	X					
100																									
101																	X		X	X	X	X			
102							X	X	X										X	X	X	X	X	X	X
103																	X	X	X	X					
104	X	X	X	X	X	X					X								X	X	X	X			
105	X	X	X	X			X		X						X	X	X	X	X	X	X				
106																									
107	X	X				X	X	X	X	X	X	X	X		X	X	X		X	X	X	X			
108					X	X																			
109																			X	X	X				
110																									
111	X	X	X	X	X	X											X	X	X	X	X	X			
112																			X	X					
113												X	X	X	X	X	X								
114	X																		X	X	X	X	X	X	X
115	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
116					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
117	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X			X	X	X
118	X	X	X	X	X	X	X	X									X	X	X	X	X	X	X	X	X
HP119																									
HP120																									
121																	X	X	X	X	X	X			
122	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
123					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
124										X							X	X	X						
125				X	X													X	X	X		X	X	X	X
126													X	X	X	X	X	X	X	X	X	X	X	X	X
127	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X
128																	X	X	X	X		X	X	X	
129							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
130									X		X	X	X	X	X	X	X	X	X	X	X	X	X		
131															X	X	X	X	X	X	X	X	X	X	X
132							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
133	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
134											X	X	X						X	X	X	X	X		
135																	X	X	X	X	X	X	X	X	X
136	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
137	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X				
138																		X	X	X	X	X	X	X	X
139		X	X	X	X											X	X	X	X	X	X	X			
140																		X	X	X	X	X			
141																		X	X	X	X	X			
142										X	X	X						X	X	X	X	X			
143							X	X	X									X	X	X	X				
144											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
145																	X	X	X	X	X	X	X	X	X
146																	X	X		X	X	X			
147										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
148							X								X	X	X	X	X	X	X	X			

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
149													X	X	X	X	X	X	X	X	X	X	X	X	X
150											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
151					X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
152			X	X		X	X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
153															X	X	X	X	X	X	X	X	X		
154					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
155				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
156	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	X	X	X
157				X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X	X	X	X
158	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X
159											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
160							X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
161	X	X	X	X	X	X	X						X	X	X	X	X	X	X	X	X				
162											X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
163	X	X	X				X	X					X	X	X	X	X	X	X	X	X	X	X	X	X
164			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
165		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
166													X	X	X	X	X	X	X	X	X	X	X	X	X
167	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
168															X	X	X	X	X	X	X	X	X	X	X
169						X	X							X	X	X	X	X	X	X	X	X	X	X	X
170																X	X	X	X	X	X	X			
171														X	X	X	X	X	X	X	X	X	X	X	X
172	X				X	X	X	X	X	X	X	X	X	X		X	X	X	X	X			X		
173		X	X			X	X	X							X	X	X	X	X	X	X	X		X	X
HP174				X													X	X	X	X	X	X	X		
175	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X			
176																	X	X							
177																	X	X	X	X	X	X		X	X
178	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
179																	X	X	X	X	X	X			
180															X	X	X	X	X	X	X	X		X	
181	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
182																							X		
183																	X	X	X	X	X	X	X	X	
184													X						X						
185																						X			
186																	X	X	X	X					
HP187																									
188																						X			
189																									
190					X																				
191																									
192																				X	X				
193			X	X	X																		X		
194																									
195	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X							
196	X	X	X	X	X	X	X	X	X	X	X														
197	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____



Transportation Data Corporation
 P.O. Box 486 Norwood, MA 02062
 tel (781) 587-0086 cell (781) 439-4999

Station Street Lot, Hingham, MA Parking Accumulation Study
 Sunday, July 23, 2017 10 AM-10 PM
 TDC #04921
 VAI/Bernie Guen #7711

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
1																									
2	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
3	x	x	x	x	x	x	x	x	x	x	x														
4	x	x	x	x	x	x			x	x	x	x	x												
5	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
6																									
7				x	x																				
8																									
9				x	x	x																			
10																									
11					x	x																			
12																									
13																									
14																									
15																									
16																									
17			x																						
18	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
19	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
20	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
21																									
22																									
23																									
24																									
25																									
26									x	x															
27																									
28																									
29																									
30																									
31																									
32			x																						
33																									
34																									
35																						x	x	x	x
36																									
37	x	x	x																						
38																									
39									x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
40																									
41																		x	x	x	x	x	x		
42									x	x	x	x			x	x	x	x	x	x	x	x	x	x	x

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Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
43																									
44																									X
45			X	X	X	X	X	X	X	X		X		X	X	X	X	X	X						
46																									
47																									
48	X	X	X	X																					
49					X	X	X	X	X	X	X	X		X	X	X	X	X	X						
50																									
51	X	X	X	X																					
52																									
53	X	X	X	X	X	X	X	X	X	X	X	X		X	X							X	X	X	X
54																									
55																									
56																									
57																									
58																									
59																									
60																									
61																									
62																									
63																									
64																									
65																				X	X	X			
66																									
67																									
68																									
69																									
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73																									
74																									
75																									
76																									
77																									
78																									
79																									
80																									
81																									
82											X														
83																									
84																									
85																									
86																									
87																									
88																									
89																									
90			X	X	X	X		X	X																
91																				X	X	X	X		
92																									
93																									
94																									
95																									

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Parking Space Counts

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Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10	
96																										
97																										
98																										
99																										
100																										
101																										
102																				X	X	X				
103									X																	
104																										
105																										
106																	X	X	X	X	X	X	X			
107	X	X	X	X	X	X	X	X	X	X	X												X	X	X	
108	X	X	X	X	X		X	X	X	X	X	X	X	X	X											
109	X	X																								
110																										
111	X	X	X	X	X	X																				
112																										
113																										
114																										
115						X	X	X																		
116																										
117																										
118			X				X	X	X											X	X	X	X			
HP119																										
HP120																										
121	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X									
122	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
123							X	X									X	X								
124									X	X	X	X	X	X	X	X	X	X	X	X	X	X				
125											X	X	X	X	X	X	X	X	X							
126											X	X	X						X	X						
127																			X							
128			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X						
129					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
130												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
131												X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
132	X	X	X	X	X	X	X	X	X	X	X	X	X													
133						X	X	X	X	X	X															
134												X														
135																			X	X	X	X	X			
136	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X
137															X	X	X	X	X	X	X	X	X	X	X	X
138																				X	X	X				
139																										
140																										
141																										
142																										
143									X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
144	X																									
145																			X	X	X					
146																			X	X	X	X				
147									X	X																
148						X	X	X					X					X	X	X	X					

Please write the last four digits of the license plate. If the same vehicle is parked in the space after the first hour, leave a check mark.

Parking Space Counts

Date: _____

Location: _____

#	10	:30	11	:30	12	:30	1	:30	2	:30	3	:30	4	:30	5	:30	6	:30	7	:30	8	:30	9	:30	10
149						X	X		X	X	X				X	X	X	X	X	X	X	X			
150								X									X	X	X	X	X	X			
151	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X	X				
152					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
153					X	X		X	X	X	X	X					X	X	X	X					
154			X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
155					X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
156	X	X	X	X	X	X	X	X	X	X						X	X	X	X	X					
157				X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
158					X	X											X	X	X						
159						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
160					X	X	X	X	X	X	X						X	X	X	X	X	X			
161						X	X	X	X	X	X						X	X	X						
162						X	X	X	X	X	X							X	X	X	X				
163					X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X				
164						X	X	X	X	X	X							X	X	X	X	X			
165						X	X	X	X	X	X						X	X	X	X					
166																				X	X	X	X		
167	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
168						X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X		
169										X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
170									X	X	X						X	X	X	X	X	X	X	X	X
171																									
172															X	X	X	X	X	X	X	X	X	X	X
173																									
HP174																									
175														X	X	X	X	X	X	X	X	X	X	X	X
176																		X	X	X	X	X	X	X	X
177																									
178	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
179																									
180	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
181	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
182																									
183																									
184																									
185																									
186															X	X	X	X	X	X	X	X	X	X	X
HP187																									
188																				X	X	X	X	X	X
189																							X	X	X
190																									
191																									
192															X										
193						X	X	X	X																
194																									
195					X																				
196																		X	X						
197																									

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