

ATTACHMENTS

- Traffic Volume Data
- Seasonal/ Yearly Growth Data
- Trip Generation Calculations
- Parking Calculations

□ Traffic Volume Data

MDM Transportation Consultants, INC.

28 Lord Road, Suite 280
Marlborough, MA

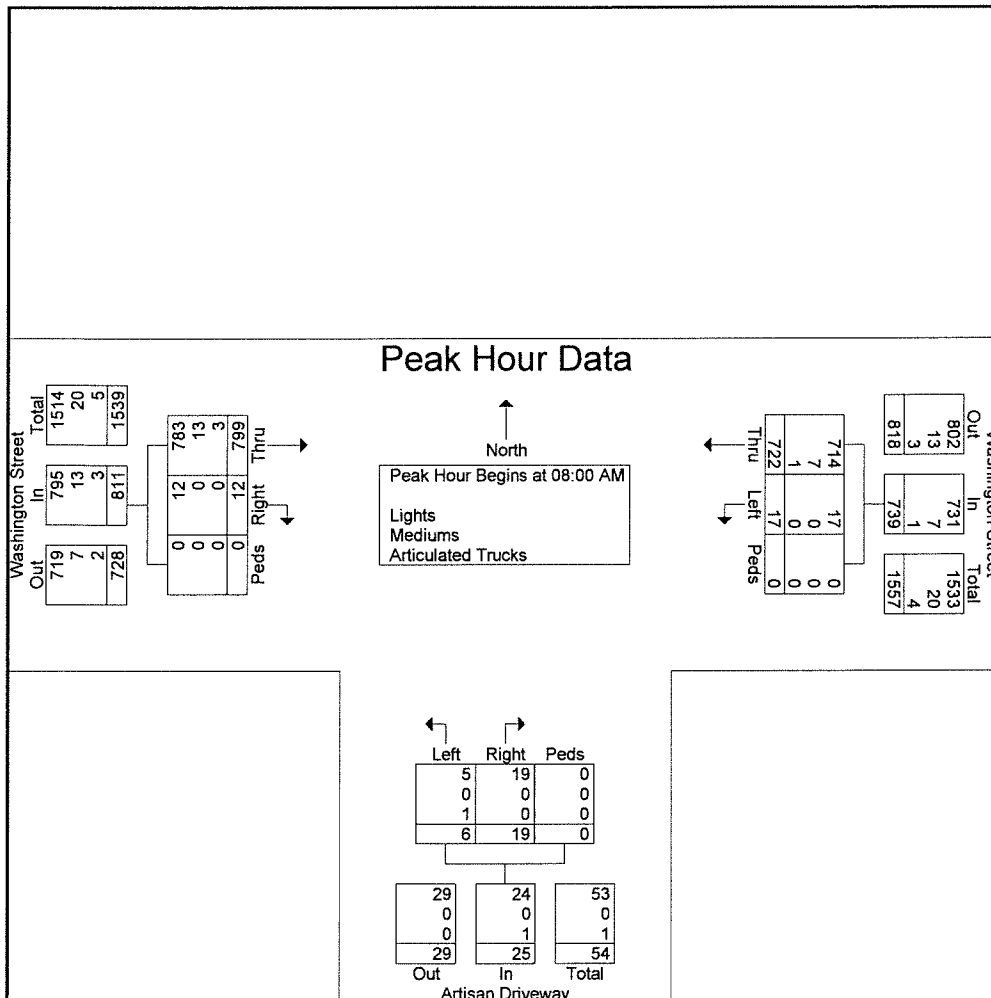
File Name : 971_Newton_Artisan_508071_04-03-2018

Site Code : 971

Start Date : 4/3/2018

Page No : 2

Start Time	Washington Street From East				Artisan Driveway From South				Washington Street From West				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
Peak Hour Analysis From 8:00:00 AM to 11:45:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 8:00:00 AM													
8:00:00 AM	188	7	0	195	7	2	0	9	5	209	0	214	418
8:15:00 AM	152	2	0	154	7	0	0	7	2	181	0	183	344
8:30:00 AM	179	1	0	180	3	2	0	5	3	212	0	215	400
8:45:00 AM	203	7	0	210	2	2	0	4	2	197	0	199	413
Total Volume	722	17	0	739	19	6	0	25	12	799	0	811	1575
% App. Total	97.7	2.3	0		76	24	0		1.5	98.5	0		
PHF	.889	.607	.000	.880	.679	.750	.000	.694	.600	.942	.000	.943	.942
Lights	714	17	0	731	19	5	0	24	12	783	0	795	1550
% Lights	98.9	100	0	98.9	100	83.3	0	96.0	100	98.0	0	98.0	98.4
Mediums	7	0	0	7	0	0	0	0	0	13	0	13	20
% Mediums	1.0	0	0	0.9	0	0	0	0	0	1.6	0	1.6	1.3
Articulated Trucks	1	0	0	1	0	1	0	1	0	3	0	3	5
% Articulated Trucks	0.1	0	0	0.1	0	16.7	0	4.0	0	0.4	0	0.4	0.3



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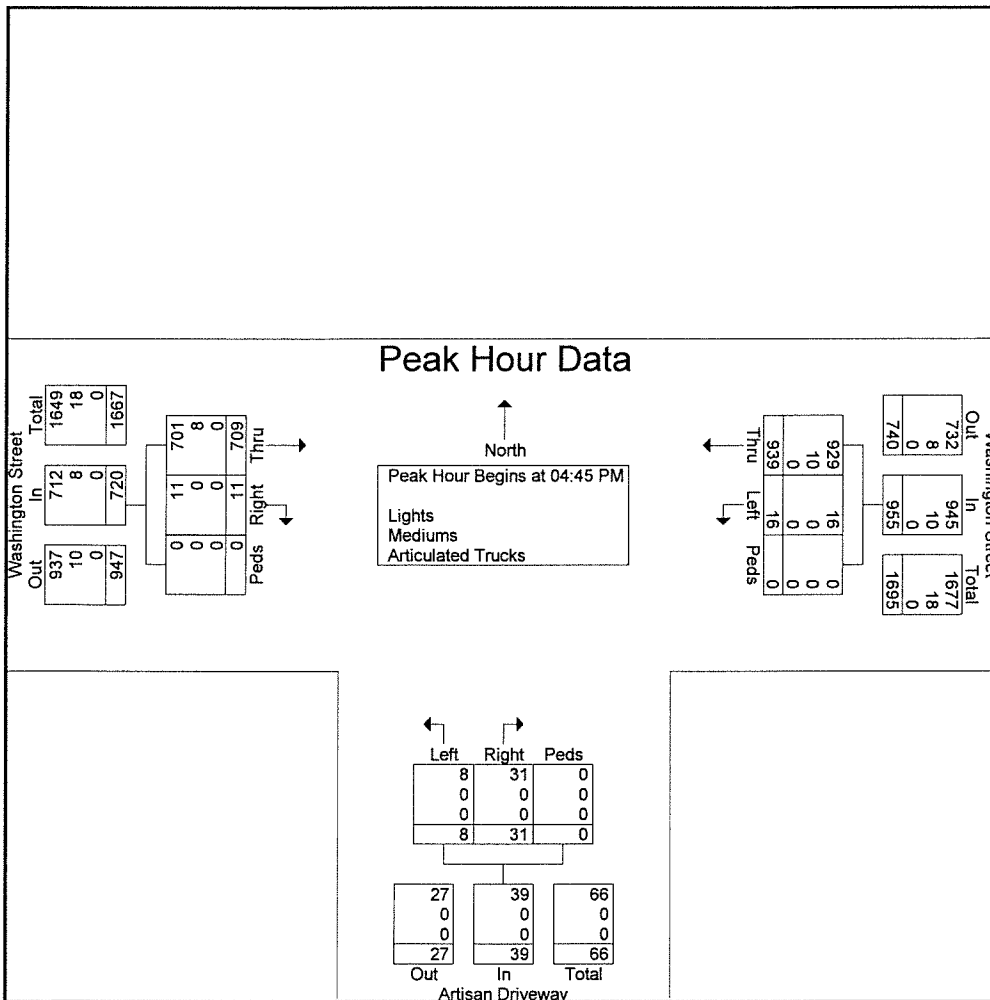
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Start Time	Washington Street From East				Artisan Driveway From South			Washington Street From West				Int. Total	
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds		App. Total
Peak Hour Analysis From 12:00:00 PM to 5:45:00 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 4:45:00 PM													
4:45:00 PM	242	1	0	243	2	0	0	2	1	166	0	167	412
5:00:00 PM	198	3	0	201	12	0	0	12	4	200	0	204	417
5:15:00 PM	238	8	0	246	9	3	0	12	4	180	0	184	442
5:30:00 PM	261	4	0	265	8	5	0	13	2	163	0	165	443
Total Volume	939	16	0	955	31	8	0	39	11	709	0	720	1714
% App. Total	98.3	1.7	0		79.5	20.5	0		1.5	98.5	0		
PHF	.899	.500	.000	.901	.646	.400	.000	.750	.688	.886	.000	.882	.967
Lights	929	16	0	945	31	8	0	39	11	701	0	712	1696
% Lights	98.9	100	0	99.0	100	100	0	100	100	98.9	0	98.9	98.9
Mediums	10	0	0	10	0	0	0	0	0	8	0	8	18
% Mediums	1.1	0	0	1.0	0	0	0	0	0	1.1	0	1.1	1.1
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0



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Marlborough, MA

E/W: Washington Street
NB Exit: Artisan Driveway
Newton, MA

File Name : 971_Newton_Artisan_508071_04-03-2018
Site Code : 971
Start Date : 4/3/2018
Page No : 1

Groups Printed- Lights - Mediums - Articulated Trucks

Start Time	Washington Street From East				Artisan Driveway From South				Washington Street From West				Int. Total
	Thru	Left	Peds	App. Total	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	
07:00 AM	131	0	0	131	0	0	0	0	0	194	0	194	325
07:15 AM	171	3	0	174	0	0	0	0	1	200	0	201	375
07:30 AM	216	3	0	219	1	0	0	1	2	198	0	200	420
07:45 AM	166	5	0	171	4	0	0	4	5	203	0	208	383
Total	684	11	0	695	5	0	0	5	8	795	0	803	1503
08:00 AM	188	7	0	195	7	2	0	9	5	209	0	214	418
08:15 AM	152	2	0	154	7	0	0	7	2	181	0	183	344
08:30 AM	179	1	0	180	3	2	0	5	3	212	0	215	400
08:45 AM	203	7	0	210	2	2	0	4	2	197	0	199	413
Total	722	17	0	739	19	6	0	25	12	799	0	811	1575
04:00 PM	182	0	0	182	4	4	0	8	1	185	0	186	376
04:15 PM	188	0	0	188	0	2	0	2	1	144	0	145	335
04:30 PM	234	1	0	235	2	0	0	2	0	174	0	174	411
04:45 PM	242	1	0	243	2	0	0	2	1	166	0	167	412
Total	846	2	0	848	8	6	0	14	3	669	0	672	1534
05:00 PM	198	3	0	201	12	0	0	12	4	200	0	204	417
05:15 PM	238	8	0	246	9	3	0	12	4	180	0	184	442
05:30 PM	261	4	0	265	8	5	0	13	2	163	0	165	443
05:45 PM	200	5	0	205	10	2	0	12	4	168	0	172	389
Total	897	20	0	917	39	10	0	49	14	711	0	725	1691
Grand Total	3149	50	0	3199	71	22	0	93	37	2974	0	3011	6303
Apprch %	98.4	1.6	0		76.3	23.7	0		1.2	98.8	0		
Total %	50	0.8	0	50.8	1.1	0.3	0	1.5	0.6	47.2	0	47.8	
Lights	3106	49	0	3155	71	21	0	92	37	2925	0	2962	6209
% Lights	98.6	98	0	98.6	100	95.5	0	98.9	100	98.4	0	98.4	98.5
Mediums	41	1	0	42	0	0	0	0	0	46	0	46	88
% Mediums	1.3	2	0	1.3	0	0	0	0	0	1.5	0	1.5	1.4
Articulated Trucks	2	0	0	2	0	1	0	1	0	3	0	3	6
% Articulated Trucks	0.1	0	0	0.1	0	4.5	0	1.1	0	0.1	0	0.1	0.1

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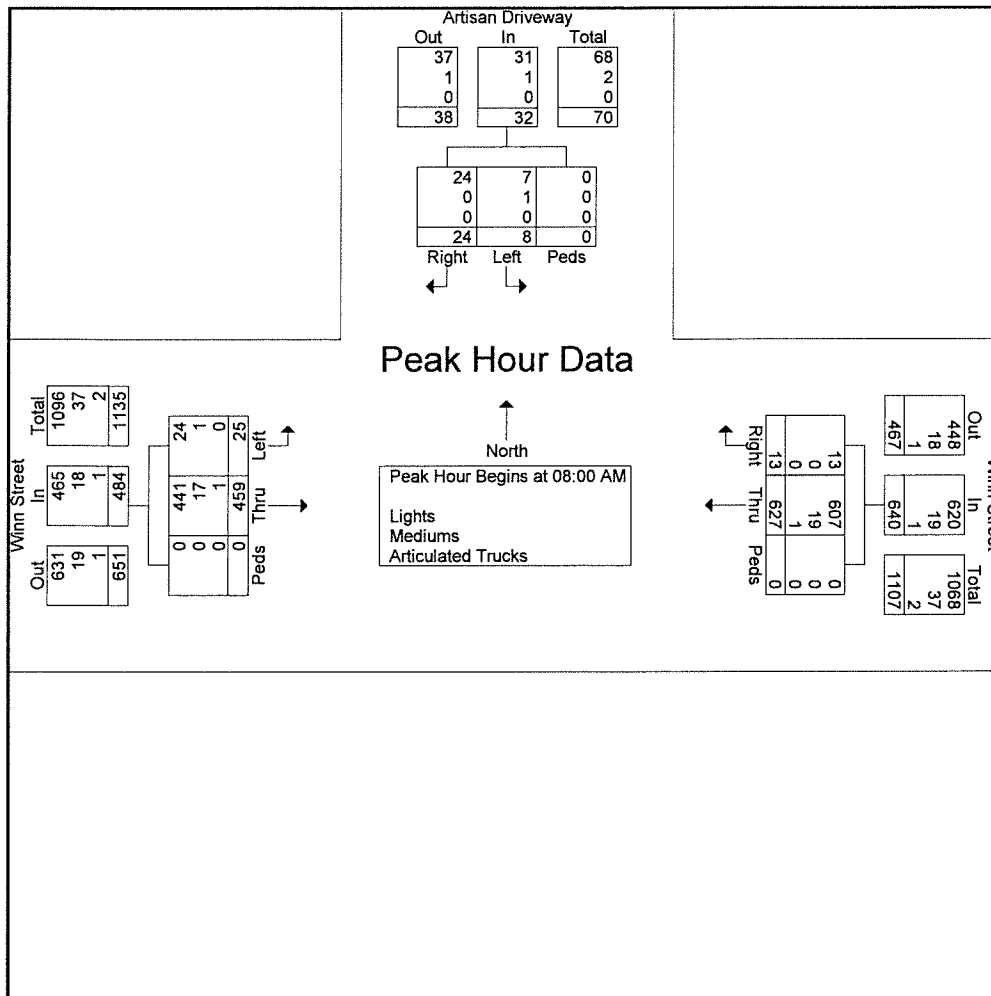
File Name : 971_Woburn_Artisan_508067_04-03-2018

Site Code : 971

Start Date : 4/3/2018

Page No : 2

Start Time	Artisan Driveway From North				Winn Street From East				Winn Street From West				Int. Total
	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 7:00:00 AM to 11:45:00 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 8:00:00 AM													
8:00:00 AM	2	3	0	5	2	170	0	172	124	9	0	133	310
8:15:00 AM	9	3	0	12	4	138	0	142	121	8	0	129	283
8:30:00 AM	8	1	0	9	5	163	0	168	108	4	0	112	289
8:45:00 AM	5	1	0	6	2	156	0	158	106	4	0	110	274
Total Volume	24	8	0	32	13	627	0	640	459	25	0	484	1156
% App. Total	75	25	0		2	98	0		94.8	5.2	0		
PHF	.667	.667	.000	.667	.650	.922	.000	.930	.925	.694	.000	.910	.932
Lights	24	7	0	31	13	607	0	620	441	24	0	465	1116
% Lights	100	87.5	0	96.9	100	96.8	0	96.9	96.1	96.0	0	96.1	96.5
Mediums	0	1	0	1	0	19	0	19	17	1	0	18	38
% Mediums	0	12.5	0	3.1	0	3.0	0	3.0	3.7	4.0	0	3.7	3.3
Articulated Trucks	0	0	0	0	0	1	0	1	1	0	0	1	2
% Articulated Trucks	0	0	0	0	0	0.2	0	0.2	0.2	0	0	0.2	0.2



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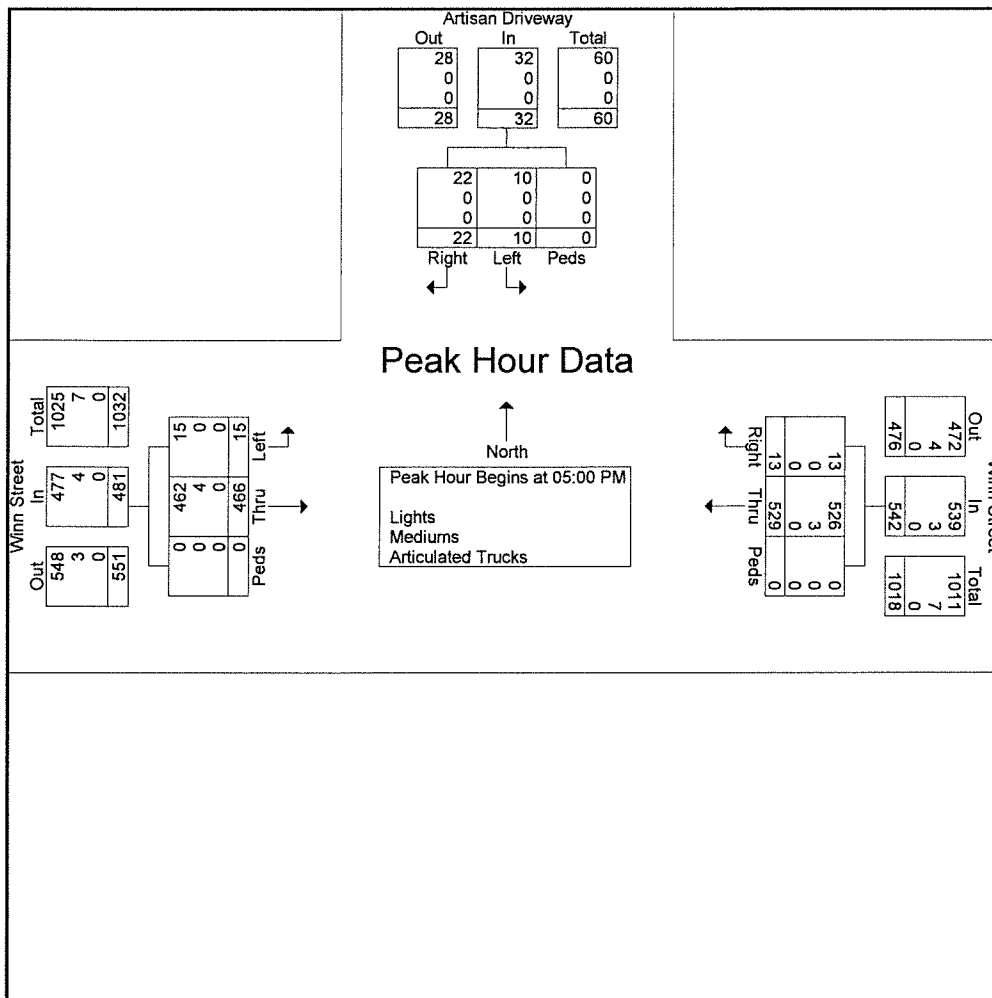
File Name : 971_Woburn_Artisan_508067_04-03-2018

Site Code : 971

Start Date : 4/3/2018

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Start Time	Artisan Driveway From North				Winn Street From East				Winn Street From West				Int. Total
	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:00:00 PM to 5:45:00 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 5:00:00 PM													
5:00:00 PM	6	3	0	9	3	164	0	167	115	0	0	115	291
5:15:00 PM	4	2	0	6	5	126	0	131	121	2	0	123	260
5:30:00 PM	4	3	0	7	2	136	0	138	106	10	0	116	261
5:45:00 PM	8	2	0	10	3	103	0	106	124	3	0	127	243
Total Volume	22	10	0	32	13	529	0	542	466	15	0	481	1055
% App. Total	68.8	31.2	0		2.4	97.6	0		96.9	3.1	0		
PHF	.688	.833	.000	.800	.650	.806	.000	.811	.940	.375	.000	.947	.906
Lights	22	10	0	32	13	526	0	539	462	15	0	477	1048
% Lights	100	100	0	100	100	99.4	0	99.4	99.1	100	0	99.2	99.3
Mediums	0	0	0	0	0	3	0	3	4	0	0	4	7
% Mediums	0	0	0	0	0	0.6	0	0.6	0.9	0	0	0.8	0.7
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0



MDM Transportation Consultants, INC.

28 Lord Road, Suite 280
Marlborough, MA

SB Exit: Artisan Driveway
E/W: Winn Street
Woburn, MA

File Name : 971_Woburn_Artisan_508067_04-03-2018
Site Code : 971
Start Date : 4/3/2018
Page No : 1

Groups Printed- Lights - Mediums - Articulated Trucks

Start Time	Artisan Driveway From North				Winn Street From East				Winn Street From West				Int. Total
	Right	Left	Peds	App. Total	Right	Thru	Peds	App. Total	Thru	Left	Peds	App. Total	
07:00 AM	0	0	0	0	1	118	0	119	98	0	0	98	217
07:15 AM	0	0	0	0	0	172	0	172	96	1	0	97	269
07:30 AM	4	3	0	7	4	154	0	158	112	2	0	114	279
07:45 AM	4	1	0	5	3	131	0	134	104	4	0	108	247
Total	8	4	0	12	8	575	0	583	410	7	0	417	1012
08:00 AM	2	3	0	5	2	170	0	172	124	9	0	133	310
08:15 AM	9	3	0	12	4	138	0	142	121	8	0	129	283
08:30 AM	8	1	0	9	5	163	0	168	108	4	0	112	289
08:45 AM	5	1	0	6	2	156	0	158	106	4	0	110	274
Total	24	8	0	32	13	627	0	640	459	25	0	484	1156
04:00 PM	2	2	0	4	2	161	0	163	92	4	0	96	263
04:15 PM	3	2	0	5	1	117	0	118	99	3	0	102	225
04:30 PM	3	2	0	5	4	142	0	146	97	1	0	98	249
04:45 PM	3	2	0	5	1	133	0	134	89	9	0	98	237
Total	11	8	0	19	8	553	0	561	377	17	0	394	974
05:00 PM	6	3	0	9	3	164	0	167	115	0	0	115	291
05:15 PM	4	2	0	6	5	126	0	131	121	2	0	123	260
05:30 PM	4	3	0	7	2	136	0	138	106	10	0	116	261
05:45 PM	8	2	0	10	3	103	0	106	124	3	0	127	243
Total	22	10	0	32	13	529	0	542	466	15	0	481	1055
Grand Total	65	30	0	95	42	2284	0	2326	1712	64	0	1776	4197
Apprch %	68.4	31.6	0		1.8	98.2	0		96.4	3.6	0		
Total %	1.5	0.7	0	2.3	1	54.4	0	55.4	40.8	1.5	0	42.3	
Lights	65	29	0	94	42	2234	0	2276	1669	63	0	1732	4102
% Lights	100	96.7	0	98.9	100	97.8	0	97.9	97.5	98.4	0	97.5	97.7
Mediums	0	1	0	1	0	43	0	43	40	1	0	41	85
% Mediums	0	3.3	0	1.1	0	1.9	0	1.8	2.3	1.6	0	2.3	2
Articulated Trucks	0	0	0	0	0	7	0	7	3	0	0	3	10
% Articulated Trucks	0	0	0	0	0	0.3	0	0.3	0.2	0	0	0.2	0.2

□ Seasonal Data/ Yearly Growth

SECTION I - CONTINUOUS COUNTING STATION MONTHLY AVERAGE DAILY TRAFFIC

STATION 307 - WESTBOROUGH - RTE.9 - EAST OF NORTHBOROUGH T.I.L.

YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
07	47,505	47,283	49,268	49,136	50,000	52,000	53,000	52,322	49,031	50,571	49,662	47,007	49,732
	-4%	-2%	-3%	1%	1%	-4%	-8%	-7%	-1%	-3%	-4%	-1%	-3%
08	45,614	46,112	47,829	49,816	50,518	49,936	48,629	48,759	48,531	49,009	47,490	46,696	48,245
	-3%	1%	-3%	-2%	0%	-2%	-3%	-3%	-2%	-1%	0%	2%	-1%
09	44,103	46,434	46,455	49,049	49,474	49,934	47,638	47,066	47,762	48,663	47,379	47,564	47,626
	-1%	0%	2%	0%	0%	1%	-1%	1%	1%	1%	2%	2%	1%
11	43,244	46,150	48,016	48,943	49,781	50,525	46,812	48,234	48,825	49,198	49,151	49,888	48,231
	7%	2%	1%	-1%	1%	-1%	3%	4%	0%	2%	2%	-5%	1%
12	46,381	46,883	48,608	48,662	50,126	49,961	48,380	49,941	48,882	50,056	50,015	47,600	48,791
	0%	-1%	-2%	1%	1%	-9%	3%	-1%	2%	0%	-1%	2%	0%
13	46,393	46,220	47,421	49,359	50,657	45,623	49,797	49,223	49,935	50,021	49,651	48,441	48,562
	1.07	1.04	1.01	0.99	0.97	0.98	0.99	0.99	0.99	0.98	0.99	1.01	
Seasonal Adjustment Factor (to average month)													Growth -0.65%

STATION 4165 - NEWTON - I-95/ ROUTE 128 SOUTH OF I-90

YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
12	130,033	133,659	138,451	142,034	158,583	148,787	138,599	144,999	141,340	146,271	140,898	128,666	141,027
	1%	-6%	0%	3%	-7%	1%	10%	3%	6%	5%	2%	1%	1%
13	131,812	125,662	138,122	145,780	147,000	149,925	151,813	149,393	150,507	153,009	143,498	130,116	143,053
	-18%	1%	3%	3%	3%	3%	-5%	0%	1%	-1%	-1%	6%	0%
14	107,508	127,134	142,024	150,125	151,576	153,916	144,679	149,503	151,538	152,148	141,875	137,826	142,488
	30%	2%	4%	-1%	2%	2%	2%	1%	0%	2%	4%	0%	3%
16	139,436	130,154	148,054	149,295	153,957	156,496	147,414	151,081	152,186	154,663	146,938	137,768	147,287
	-3%	0%	-12%	-3%	0%	0%	0%	-1%	1%	1%	1%	7%	-1%
17	134,884	130,641	129,731	144,492	153,434	156,333	147,884	149,113	154,281	155,618	149,129	147,414	146,057
	1.13	1.11	1.04	0.98	0.94	0.94	0.99	0.97	0.96	0.95	1.00	1.06	
Seasonal Adjustment Factor (to average month)													Growth 0.47%

Average

Seasonal Adjustment Factor (to average month)	1.10	1.08	1.02	0.99	0.96	0.96	0.99	0.98	0.98	0.96	0.99	1.04	
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Average Yearly Growth Calculated -0.1%
Yearly Growth Factor Used n/a

□ Trip Generation Calculations

**Institute of Transportation Engineers (ITE) 10th Edition
Land Use Code (LUC) 565 - Day Care Center**

Average Vehicle Trips Ends vs: Students
Independent Variable (X): 100

AVERAGE WEEKDAY DAILY

T = 4.09 * (X)
T = 4.09 * 100.00
T = 409.00
T = 410 vehicle trips
with 50% (205 vpd) entering and 50% (205 vpd) exiting.

WEEKDAY MORNING PEAK HOUR OF ADJACENT STREET TRAFFIC

T = 0.78 (X)
T = 0.78* 100.00
T = 78.00
T = 78 vehicle trips
with 53% (41 vpd) entering and 47% (37 vpd) exiting.

WEEKDAY EVENING PEAK HOUR OF ADJACENT STREET TRAFFIC

T = 0.79 (X)
T = 0.79* 100.00
T = 79.00
T = 80 vehicle trips
with 47% (38 vpd) entering and 53% (42 vpd) exiting.

SATURDAY DAILY

T = 0.39 * (X)
T = 0.39 * 100
T = 39.00
T = 40 vehicle trips
with 50% (20 vpd) entering and 50% (20 vpd) exiting.

SATURDAY MIDDAY PEAK HOUR OF GENERATOR

T = 0.11 * (X)
T = 0.11 * 100
T = 11.00
T = 11 vehicle trips
with 63% (7 vph) entering and 37% (4 vph) exiting.

Institute of Transportation Engineers (ITE) 10th Edition
Land Use Code (LUC) 565 - Day Care Center

Average Vehicle Trips Ends vs: Students
Independent Variable (X): 106

AVERAGE WEEKDAY DAILY

$T = 4.09 * (X)$
 $T = 4.09 * 106.00$
 $T = 433.54$
 $T = 434$ vehicle trips
with 50% (217 vpd) entering and 50% (217 vpd) exiting.

WEEKDAY MORNING PEAK HOUR OF ADJACENT STREET TRAFFIC

$T = 0.78 (X)$
 $T = 0.78 * 106.00$
 $T = 82.68$
 $T = 82$ vehicle trips
with 53% (43 vpd) entering and 47% (39 vpd) exiting.

WEEKDAY EVENING PEAK HOUR OF ADJACENT STREET TRAFFIC

$T = 0.79 (X)$
 $T = 0.79 * 106.00$
 $T = 83.74$
 $T = 84$ vehicle trips
with 47% (39 vpd) entering and 53% (45 vpd) exiting.

SATURDAY DAILY

$T = 0.39 * (X)$
 $T = 0.39 * 106$
 $T = 41.34$
 $T = 42$ vehicle trips
with 50% (21 vpd) entering and 50% (21 vpd) exiting.

SATURDAY MIDDAY PEAK HOUR OF GENERATOR

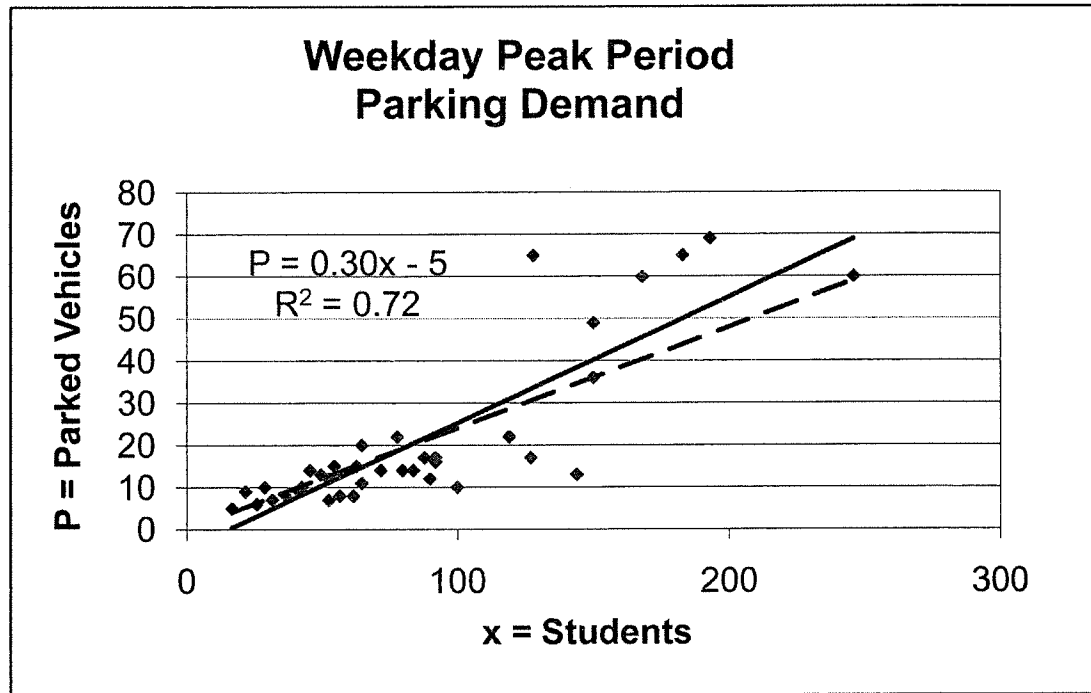
$T = 0.11 * (X)$
 $T = 0.11 * 106$
 $T = 11.66$
 $T = 12$ vehicle trips
with 63% (8 vph) entering and 37% (4 vph) exiting.

□ Parking Calculations

Land Use: 565 Day Care Center

Average Peak Period Parking Demand vs. Students On a Weekday

Statistic	Peak Period Demand
Peak Period	4:00–6:00 p.m.
Number of Study Sites	39
Average Size of Study Sites	85 students
Average Peak Period Parking Demand	0.24 vehicles per student
Standard Deviation	0.09
Coefficient of Variation	38%
95% Confidence Interval	0.21–0.26 vehicles per student
Range	0.09–0.51 vehicles per student
85th Percentile	0.33 vehicles per student
33rd Percentile	0.19 vehicles per student



◆ Actual Data Points — Fitted Curve - - - Average Rate

**Drop-Off/ Pick-Up Queue Analysis,
Artisan Childcare Center (100 Students)
Washington Street, Newton, MA**

Period: Weekday Morning Peak Hour - Drop-Off
 Input Rate (q) 37 Vehicles/60 Min
 Service Rate (u) 30 Vehicles/60 Min = 2.00 Minutes/Vehicle
 No. Servers 5
 k 100

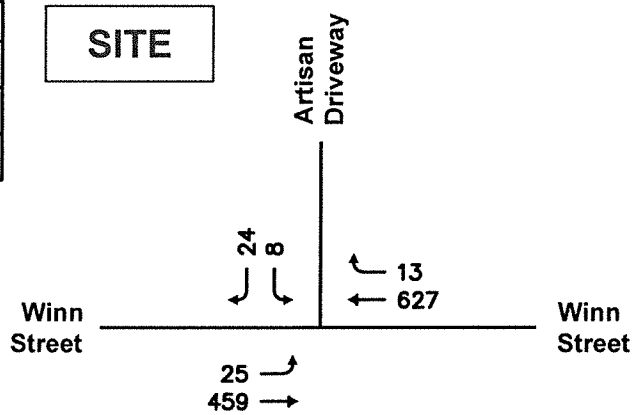
<u>n</u>	<u>p(n)</u>	<u>Cdist</u>	
0	0.29116	-	
1	0.359097	0.65	
2	0.221443	0.87	
3	0.091038	0.96	
4	0.02807	0.99	
5	0.006924	1.00	Max Q
6	0.001708	1.00	
7	0.000421	1.00	
8	0.000104	1.00	
9	2.56E-05	1.00	
10	6.32E-06	1.00	
11	1.56E-06	1.00	
12	3.85E-07	1.00	
13	9.49E-08	1.00	
14	2.34E-08	1.00	
15	5.77E-09	1.00	
16	1.42E-09	1.00	
17	3.51E-10	1.00	
18	8.67E-11	1.00	
19	2.14E-11	1.00	
20	5.27E-12	1.00	

n = Number of Queued Vehicles
 P(n)= probability of n queued vehicles
 Cdist= Cumulative probability of n queued vehicles or less

Assumptions

1. Average customer service time is based on empirical data for existing Medfield Day Care Centers.
2. Average arrival for peak hour is based on entering trip generation.
3. Queuing algorithm based on M/M/S model, per Introduction to Operations Research, 6th Ed., Hillier & Lieberman, 1995 P. 686-689.

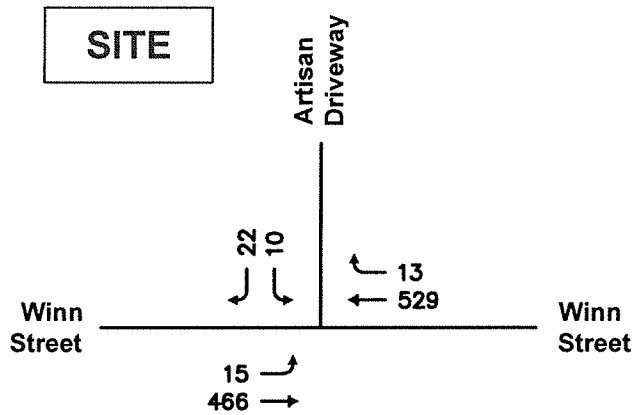
Site Trips	
Enter	38
Exit	32
Total	70



Time: 8:00 AM to 9:00 AM

Weekday Morning Peak Hour

Site Trips	
Enter	28
Exit	32
Total	60



Time: 5:00 PM to 6:00 PM

Weekday Evening Peak Hour



North

Scale: Not to Scale

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
7:00 AM					3	3
7:01 AM					3	
7:02 AM					3	
7:03 AM					3	
7:04 AM					3	
7:05 AM					3	3
7:06 AM					3	
7:07 AM					3	
7:08 AM					3	
7:09 AM					3	
7:10 AM					3	3
7:11 AM					3	
7:12 AM					3	
7:13 AM					3	
7:14 AM					3	
7:15 AM					3	3
7:16 AM					3	
7:17 AM					3	
7:18 AM					3	
7:19 AM					3	
7:20 AM	1				3	4
7:21 AM					4	
7:22 AM	1				4	
7:23 AM					5	
7:24 AM					5	
7:25 AM					5	5
7:26 AM					5	
7:27 AM					5	
7:28 AM	2				5	
7:29 AM					7	
7:30 AM					7	7
7:31 AM					7	
7:32 AM					7	
7:33 AM	1		1		7	
7:34 AM	1				7	
7:35 AM	1				8	9
7:36 AM					9	
7:37 AM	1				9	
7:38 AM					10	
7:39 AM					10	
7:40 AM	1				10	11
7:41 AM					11	
7:42 AM					11	
7:43 AM					11	
7:44 AM					11	
7:45 AM	1		1		11	11
7:46 AM					11	
7:47 AM					11	
7:48 AM					11	
7:49 AM	2		1		11	
7:50 AM					12	12
7:51 AM	1		1		12	
7:52 AM	2				12	
7:53 AM	1				14	
7:54 AM			1		15	
7:55 AM					14	15
7:56 AM	1				14	
7:57 AM	1				15	
7:58 AM					16	
7:59 AM					16	
8:00 AM	1				16	17
8:01 AM			1		17	
8:02 AM					16	
8:03 AM	1	1			16	
8:04 AM	2		1		17	
8:05 AM					18	18

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
8:06 AM					18	
8:07 AM	2		1		18	
8:08 AM	2			1	19	
8:09 AM	1		1		21	
8:10 AM			2		21	21
8:11 AM	1	1			19	
8:12 AM					20	
8:13 AM			2		20	
8:14 AM					18	
8:15 AM					18	20
8:16 AM	1		1		18	
8:17 AM			3		18	
8:18 AM				1	15	
8:19 AM					15	
8:20 AM					15	16
8:21 AM	1				15	
8:22 AM	1				16	
8:23 AM			1		17	
8:24 AM					16	
8:25 AM			1		16	17
8:26 AM	1				15	
8:27 AM					16	
8:28 AM					16	
8:29 AM	1		1		16	
8:30 AM	1				16	17
8:31 AM					17	
8:32 AM			1		17	
8:33 AM					16	
8:34 AM					16	
8:35 AM		1			16	17
8:36 AM	1				16	
8:37 AM					17	
8:38 AM					17	
8:39 AM	1				17	
8:40 AM	1		1		18	18
8:41 AM			1		18	
8:42 AM			1		17	
8:43 AM				1	16	
8:44 AM		1			16	
8:45 AM	1				16	19
8:46 AM	2				17	
8:47 AM	1			1	19	
8:48 AM					20	
8:49 AM			1		20	
8:50 AM			1		19	20
8:51 AM			1		18	
8:52 AM	1				17	
8:53 AM					18	
8:54 AM					18	
8:55 AM	1				18	20
8:56 AM	1				19	
8:57 AM					20	
8:58 AM	1		1		20	
8:59 AM	1				20	
9:00 AM			1		21	21
9:01 AM					20	
9:02 AM			2		18	
9:03 AM					18	
9:04 AM					18	
9:05 AM					18	18
9:06 AM			1		17	
9:07 AM			1		16	
9:08 AM			1		15	
9:09 AM					15	
9:10 AM					15	15
9:11 AM					15	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
9:12 AM					15	
9:13 AM	1				16	
9:14 AM					16	
9:15 AM					16	16
9:16 AM					16	
9:17 AM					16	
9:18 AM					16	
9:19 AM					16	
9:20 AM	1				17	17
9:21 AM					17	
9:22 AM					17	
9:23 AM					17	
9:24 AM	1				18	
9:25 AM	1				19	19
9:26 AM					19	
9:27 AM					19	
9:28 AM					19	
9:29 AM					19	
9:30 AM					19	19
9:31 AM					19	
9:32 AM					19	
9:33 AM					19	
9:34 AM					19	
9:35 AM					19	21
9:36 AM	1				20	
9:37 AM	1				21	
9:38 AM					21	
9:39 AM					21	
9:40 AM					21	21
9:41 AM					21	
9:42 AM					21	
9:43 AM	1				22	
9:44 AM					22	
9:45 AM					22	22
9:46 AM			1		21	
9:47 AM			1		20	
9:48 AM					20	
9:49 AM					20	
9:50 AM					20	20
9:51 AM					20	
9:52 AM					20	
9:53 AM					20	
9:54 AM					20	
9:55 AM					20	20
9:56 AM					20	
9:57 AM					20	
9:58 AM					20	
9:59 AM	1				21	
10:00 AM					21	21
10:01 AM					21	
10:02 AM					21	
10:03 AM			1		20	
10:04 AM					20	
10:05 AM					20	20
10:06 AM					20	
10:07 AM					20	
10:08 AM					20	
10:09 AM					20	
10:10 AM					20	20
10:11 AM					20	
10:12 AM					20	
10:13 AM					20	
10:14 AM					20	
10:15 AM					20	20
10:16 AM					20	
10:17 AM					20	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
10:18 AM					20	
10:19 AM					20	
10:20 AM					20	20
10:21 AM					20	
10:22 AM					20	
10:23 AM					20	
10:24 AM					20	
10:25 AM					20	20
10:26 AM					20	
10:27 AM					20	
10:28 AM					20	
10:29 AM	1				21	
10:30 AM					21	21
10:31 AM					21	
10:32 AM					21	
10:33 AM	1				22	
10:34 AM					22	
10:35 AM					22	22
10:36 AM			1		21	
10:37 AM					21	
10:38 AM					21	
10:39 AM					21	
10:40 AM					21	21
10:41 AM			1		20	
10:42 AM					20	
10:43 AM					20	
10:44 AM					20	
10:45 AM					20	20
10:46 AM					20	
10:47 AM			1		19	
10:48 AM					19	
10:49 AM					19	
10:50 AM					19	20
10:51 AM	1				20	
10:52 AM					20	
10:53 AM					20	
10:54 AM					20	
10:55 AM					20	20
10:56 AM					20	
10:57 AM					20	
10:58 AM			1		19	
10:59 AM					19	
11:00 AM					19	20
11:01 AM					19	
11:02 AM	1				20	
11:03 AM					20	
11:04 AM					20	
11:05 AM			1		19	20
11:06 AM					19	
11:07 AM					19	
11:08 AM			1		18	
11:09 AM					18	
11:10 AM					18	18
11:11 AM					18	
11:12 AM					18	
11:13 AM					18	
11:14 AM					18	
11:15 AM					18	18
11:16 AM					18	
11:17 AM			1		17	
11:18 AM					17	
11:19 AM					17	
11:20 AM					17	17
11:21 AM					17	
11:22 AM					17	
11:23 AM					17	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
11:24 AM					17	
11:25 AM					17	17
11:26 AM					17	
11:27 AM					17	
11:28 AM					17	
11:29 AM					17	
11:30 AM					17	17
11:31 AM			1		16	
11:32 AM			1		15	
11:33 AM					15	
11:34 AM					15	
11:35 AM					15	15
11:36 AM					15	
11:37 AM					15	
11:38 AM					15	
11:39 AM			1		14	
11:40 AM					14	15
11:41 AM					14	
11:42 AM					14	
11:43 AM			1		13	
11:44 AM					13	
11:45 AM					13	13
11:46 AM					13	
11:47 AM					13	
11:48 AM					13	
11:49 AM					13	
11:50 AM					13	13
11:51 AM					13	
11:52 AM					13	
11:53 AM					13	
11:54 AM					13	
11:55 AM					13	13
11:56 AM					13	
11:57 AM					13	
11:58 AM					13	
11:59 AM					13	
12:00 PM					13	13
12:01 PM					13	
12:02 PM					13	
12:03 PM					13	
12:04 PM					13	
12:05 PM					13	13
12:06 PM					13	
12:07 PM					13	
12:08 PM					13	
12:09 PM					13	
12:10 PM					13	13
12:11 PM					13	
12:12 PM					13	
12:13 PM					13	
12:14 PM					13	
12:15 PM					13	13
12:16 PM					13	
12:17 PM					13	
12:18 PM					13	
12:19 PM					13	
12:20 PM					13	13
12:21 PM					13	
12:22 PM					13	
12:23 PM					13	
12:24 PM	1				14	
12:25 PM					14	14
12:26 PM					14	
12:27 PM					14	
12:28 PM					14	
12:29 PM					14	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
12:30 PM	1				15	15
12:31 PM					15	
12:32 PM					15	
12:33 PM					15	
12:34 PM					15	
12:35 PM					15	15
12:36 PM					15	
12:37 PM			1		14	
12:38 PM					14	
12:39 PM					14	
12:40 PM					14	14
12:41 PM					14	
12:42 PM					14	
12:43 PM					14	
12:44 PM					14	
12:45 PM					14	15
12:46 PM					14	
12:47 PM	1				15	
12:48 PM					15	
12:49 PM					15	
12:50 PM					15	15
12:51 PM					15	
12:52 PM					15	
12:53 PM					15	
12:54 PM					15	
12:55 PM					15	15
12:56 PM					15	
12:57 PM			1		14	
12:58 PM					14	
12:59 PM					14	
1:00 PM					14	15
1:01 PM	1				15	
1:02 PM			1		14	
1:03 PM					14	
1:04 PM					14	
1:05 PM					14	14
1:06 PM					14	
1:07 PM					14	
1:08 PM					14	
1:09 PM					14	
1:10 PM			1		13	14
1:11 PM					13	
1:12 PM					13	
1:13 PM					13	
1:14 PM					13	
1:15 PM					13	13
1:16 PM					13	
1:17 PM					13	
1:18 PM					13	
1:19 PM					13	
1:20 PM					13	13
1:21 PM			1		12	
1:22 PM					12	
1:23 PM					12	
1:24 PM					12	
1:25 PM	1				13	13
1:26 PM					13	
1:27 PM					13	
1:28 PM					13	
1:29 PM					13	
1:30 PM					13	13
1:31 PM					13	
1:32 PM					13	
1:33 PM					13	
1:34 PM					13	
1:35 PM					13	13

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
1:36 PM					13	
1:37 PM					13	
1:38 PM					13	
1:39 PM					13	
1:40 PM					13	13
1:41 PM					13	
1:42 PM					13	
1:43 PM					13	
1:44 PM					13	
1:45 PM					13	13
1:46 PM					13	
1:47 PM					13	
1:48 PM					13	
1:49 PM					13	
1:50 PM					13	13
1:51 PM					13	
1:52 PM					13	
1:53 PM					13	
1:54 PM					13	
1:55 PM					13	13
1:56 PM	1		1		13	
1:57 PM					13	
1:58 PM					13	
1:59 PM					13	
2:00 PM					13	13
2:01 PM					13	
2:02 PM					13	
2:03 PM					13	
2:04 PM					13	
2:05 PM					13	14
2:06 PM					13	
2:07 PM	1				14	
2:08 PM	1				15	
2:09 PM					15	
2:10 PM					15	15
2:11 PM					15	
2:12 PM					15	
2:13 PM					15	
2:14 PM					15	
2:15 PM					15	15
2:16 PM					15	
2:17 PM					15	
2:18 PM					15	
2:19 PM					15	
2:20 PM					15	16
2:21 PM	1				16	
2:22 PM					16	
2:23 PM					16	
2:24 PM					16	
2:25 PM					16	16
2:26 PM					16	
2:27 PM					16	
2:28 PM					16	
2:29 PM					16	
2:30 PM					16	16
2:31 PM					16	
2:32 PM			1		15	
2:33 PM					15	
2:34 PM					15	
2:35 PM					15	15
2:36 PM					15	
2:37 PM	1		1		15	
2:38 PM					15	
2:39 PM					15	
2:40 PM					15	15
2:41 PM					15	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
2:42 PM					15	
2:43 PM					15	
2:44 PM					15	
2:45 PM					15	15
2:46 PM					15	
2:47 PM					15	
2:48 PM					15	
2:49 PM					15	
2:50 PM					15	15
2:51 PM					15	
2:52 PM					15	
2:53 PM					15	
2:54 PM					15	
2:55 PM					15	15
2:56 PM					15	
2:57 PM					15	
2:58 PM					15	
2:59 PM					15	
3:00 PM					15	15
3:01 PM					15	
3:02 PM					15	
3:03 PM					15	
3:04 PM					15	
3:05 PM					15	16
3:06 PM	1				16	
3:07 PM					16	
3:08 PM			1		15	
3:09 PM			2		13	
3:10 PM					13	15
3:11 PM					13	
3:12 PM					13	
3:13 PM					13	
3:14 PM					13	
3:15 PM					13	13
3:16 PM					13	
3:17 PM					13	
3:18 PM					13	
3:19 PM					13	
3:20 PM					13	13
3:21 PM					13	
3:22 PM					13	
3:23 PM					13	
3:24 PM					13	
3:25 PM					13	14
3:26 PM	1				14	
3:27 PM					14	
3:28 PM					14	
3:29 PM					14	
3:30 PM					14	14
3:31 PM					14	
3:32 PM					14	
3:33 PM			1		13	
3:34 PM					13	
3:35 PM					13	14
3:36 PM	1				14	
3:37 PM			1		13	
3:38 PM					13	
3:39 PM					13	
3:40 PM					13	13
3:41 PM					13	
3:42 PM					13	
3:43 PM					13	
3:44 PM	1				14	
3:45 PM					14	14
3:46 PM					14	
3:47 PM					14	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
3:48 PM					14	
3:49 PM					14	
3:50 PM					14	14
3:51 PM					14	
3:52 PM					14	
3:53 PM					14	
3:54 PM	1				15	
3:55 PM	1				16	16
3:56 PM					16	
3:57 PM					16	
3:58 PM					16	
3:59 PM					16	
4:00 PM	1				17	17
4:01 PM					17	
4:02 PM					17	
4:03 PM					17	
4:04 PM			2		15	
4:05 PM			1		14	17
4:06 PM					14	
4:07 PM			1		13	
4:08 PM					13	
4:09 PM					13	
4:10 PM					13	13
4:11 PM					13	
4:12 PM					13	
4:13 PM					13	
4:14 PM					13	
4:15 PM					13	13
4:16 PM			1		12	
4:17 PM					12	
4:18 PM					12	
4:19 PM					12	
4:20 PM			1		11	12
4:21 PM					11	
4:22 PM					11	
4:23 PM					11	
4:24 PM					11	
4:25 PM	1				12	12
4:26 PM					12	
4:27 PM					12	
4:28 PM					12	
4:29 PM					12	
4:30 PM					12	12
4:31 PM					12	
4:32 PM					12	
4:33 PM					12	
4:34 PM					12	
4:35 PM			1		11	12
4:36 PM	1				12	
4:37 PM					12	
4:38 PM					12	
4:39 PM					12	
4:40 PM					12	12
4:41 PM					12	
4:42 PM					12	
4:43 PM					12	
4:44 PM					12	
4:45 PM					12	12
4:46 PM					12	
4:47 PM					12	
4:48 PM					12	
4:49 PM					12	
4:50 PM					12	13
4:51 PM	1				13	
4:52 PM			1		12	
4:53 PM					12	

Newton Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 9:02 am)	5 Minute Parking Peaks
4:54 PM					12	
4:55 PM			1		11	12
4:56 PM					11	
4:57 PM					11	
4:58 PM					11	
4:59 PM	1				12	
5:00 PM					12	12
5:01 PM					12	
5:02 PM					12	
5:03 PM					12	
5:04 PM					12	
5:05 PM	1				13	14
5:06 PM	1				14	
5:07 PM					14	
5:08 PM	1				15	
5:09 PM	1				16	
5:10 PM	2		1		17	17
5:11 PM					17	
5:12 PM					17	
5:13 PM					17	
5:14 PM			1		16	
5:15 PM					16	17
5:16 PM			1		15	
5:17 PM					15	
5:18 PM	1		1		15	
5:19 PM					15	
5:20 PM	1		1		15	15
5:21 PM					15	
5:22 PM	1		1		15	
5:23 PM					15	
5:24 PM	2				17	
5:25 PM					17	18
5:26 PM	1				18	
5:27 PM					18	
5:28 PM	2				20	
5:29 PM	1		1		20	
5:30 PM	1				21	21
5:31 PM			1		20	
5:32 PM					20	
5:33 PM					20	
5:34 PM					20	
5:35 PM	1		1		20	20
5:36 PM			2		18	
5:37 PM					18	
5:38 PM			4		14	
5:39 PM					14	
5:40 PM					14	14
5:41 PM			1		13	
5:42 PM			1		12	
5:43 PM	2				14	
5:44 PM					14	
5:45 PM	1		1		14	15
5:46 PM					14	
5:47 PM	1				15	
5:48 PM	1		1		15	
5:49 PM					15	
5:50 PM	2		2		15	16
5:51 PM	1				16	
5:52 PM			1		15	
5:53 PM	1				16	
5:54 PM			1		15	
5:55 PM			1		14	16
5:56 PM			2		12	
5:57 PM	1				13	
5:58 PM			1		12	
5:59 PM					12	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
7:00 AM					0	0
7:01 AM					0	
7:02 AM					0	
7:03 AM					0	
7:04 AM					0	
7:05 AM					0	0
7:06 AM					0	
7:07 AM					0	
7:08 AM					0	
7:09 AM					0	
7:10 AM					0	0
7:11 AM					0	
7:12 AM					0	
7:13 AM					0	
7:14 AM					0	
7:15 AM					0	0
7:16 AM					0	
7:17 AM					0	
7:18 AM					0	
7:19 AM					0	
7:20 AM					0	0
7:21 AM					0	
7:22 AM					0	
7:23 AM					0	
7:24 AM					0	
7:25 AM					0	0
7:26 AM					0	
7:27 AM	1				0	
7:28 AM					1	
7:29 AM	1				1	
7:30 AM	1				2	4
7:31 AM	1				3	
7:32 AM					4	
7:33 AM					4	
7:34 AM			1		4	
7:35 AM					3	4
7:36 AM					3	
7:37 AM	2		2		3	
7:38 AM	1				3	
7:39 AM	1				4	
7:40 AM			1		5	5
7:41 AM					4	
7:42 AM	1				4	
7:43 AM					5	
7:44 AM	1		1		5	
7:45 AM	1				5	6
7:46 AM					6	
7:47 AM			2		6	
7:48 AM					4	
7:49 AM	3				4	
7:50 AM	0		1		7	7
7:51 AM	1		1		6	
7:52 AM					6	
7:53 AM			1		6	
7:54 AM					5	
7:55 AM	1				5	6
7:56 AM	1		1		6	
7:57 AM			1		6	
7:58 AM			2		5	
7:59 AM	1				3	
8:00 AM					4	5
8:01 AM		1	2		4	
8:02 AM					2	
8:03 AM			1		2	
8:04 AM			1		1	
8:05 AM	1		1	1	0	2

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
8:06 AM					0	
8:07 AM					0	
8:08 AM	1				0	
8:09 AM	1				1	
8:10 AM					2	2
8:11 AM					2	
8:12 AM					2	
8:13 AM			1		2	
8:14 AM					1	
8:15 AM					1	2
8:16 AM	1				1	
8:17 AM					2	
8:18 AM					2	
8:19 AM					2	
8:20 AM		1			2	3
8:21 AM	1				2	
8:22 AM		1			3	
8:23 AM					3	
8:24 AM	1				3	
8:25 AM				1	4	4
8:26 AM					4	
8:27 AM			1		4	
8:28 AM				1	3	
8:29 AM	1				3	
8:30 AM	2		1		4	6
8:31 AM	1				5	
8:32 AM	2				6	
8:33 AM			2		8	
8:34 AM		1	1		6	
8:35 AM					5	8
8:36 AM	1				5	
8:37 AM					6	
8:38 AM					6	
8:39 AM	1		1		6	
8:40 AM					6	6
8:41 AM			1		5	
8:42 AM			1		4	
8:43 AM			1		3	
8:44 AM					3	
8:45 AM			1		2	3
8:46 AM			1		1	
8:47 AM	1				2	
8:48 AM					2	
8:49 AM					2	
8:50 AM					2	3
8:51 AM					2	
8:52 AM	2		1		3	
8:53 AM					3	
8:54 AM					3	
8:55 AM					3	4
8:56 AM	2		1		4	
8:57 AM					4	
8:58 AM	1				5	
8:59 AM	1		1		5	
9:00 AM	1		2		4	5
9:01 AM			1		3	
9:02 AM					3	
9:03 AM					3	
9:04 AM	2		1		4	
9:05 AM					4	4
9:06 AM	1		1		4	
9:07 AM					4	
9:08 AM					4	
9:09 AM					4	
9:10 AM					4	4
9:11 AM					4	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
9:12 AM			1		3	
9:13 AM					3	
9:14 AM					3	
9:15 AM					3	3
9:16 AM					3	
9:17 AM					3	
9:18 AM					3	
9:19 AM			1		2	
9:20 AM					2	3
9:21 AM					2	
9:22 AM	1				3	
9:23 AM			1		2	
9:24 AM					2	
9:25 AM					2	2
9:26 AM					2	
9:27 AM					2	
9:28 AM					2	
9:29 AM					2	
9:30 AM					2	2
9:31 AM			1		1	
9:32 AM					1	
9:33 AM					1	
9:34 AM	1				2	
9:35 AM	1				3	3
9:36 AM					3	
9:37 AM					3	
9:38 AM					3	
9:39 AM					3	
9:40 AM					3	4
9:41 AM					3	
9:42 AM	1			1	4	
9:43 AM					4	
9:44 AM					4	
9:45 AM			1		3	4
9:46 AM					3	
9:47 AM					3	
9:48 AM					3	
9:49 AM					3	
9:50 AM					3	3
9:51 AM			1		2	
9:52 AM	1				3	
9:53 AM					3	
9:54 AM					3	
9:55 AM					3	4
9:56 AM	1				4	
9:57 AM					4	
9:58 AM			1		3	
9:59 AM			1		2	
10:00 AM					2	3
10:01 AM					2	
10:02 AM	1				3	
10:03 AM	1				4	
10:04 AM					4	
10:05 AM					4	4
10:06 AM			1		3	
10:07 AM					3	
10:08 AM					3	
10:09 AM					3	
10:10 AM			1		2	3
10:11 AM					2	
10:12 AM					2	
10:13 AM					2	
10:14 AM					2	
10:15 AM					2	3
10:16 AM	1				3	
10:17 AM					3	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
10:18 AM					3	
10:19 AM					3	
10:20 AM					3	3
10:21 AM					3	
10:22 AM					3	
10:23 AM					3	
10:24 AM					3	
10:25 AM	1				4	4
10:26 AM					4	
10:27 AM			1		3	
10:28 AM					3	
10:29 AM					3	
10:30 AM					3	3
10:31 AM					3	
10:32 AM					3	
10:33 AM					3	
10:34 AM					3	
10:35 AM					3	3
10:36 AM					3	
10:37 AM					3	
10:38 AM					3	
10:39 AM			1		2	
10:40 AM					2	3
10:41 AM					2	
10:42 AM					2	
10:43 AM					2	
10:44 AM					2	
10:45 AM					2	2
10:46 AM					2	
10:47 AM					2	
10:48 AM					2	
10:49 AM					2	
10:50 AM					2	2
10:51 AM					2	
10:52 AM					2	
10:53 AM					2	
10:54 AM					2	
10:55 AM					2	2
10:56 AM					2	
10:57 AM					2	
10:58 AM					2	
10:59 AM					2	
11:00 AM					2	2
11:01 AM					2	
11:02 AM					2	
11:03 AM					2	
11:04 AM					2	
11:05 AM					2	2
11:06 AM					2	
11:07 AM					2	
11:08 AM					2	
11:09 AM					2	
11:10 AM	1				3	3
11:11 AM					3	
11:12 AM					3	
11:13 AM					3	
11:14 AM					3	
11:15 AM					3	3
11:16 AM					3	
11:17 AM					3	
11:18 AM					3	
11:19 AM					3	
11:20 AM					3	3
11:21 AM					3	
11:22 AM					3	
11:23 AM					3	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
11:24 AM					3	
11:25 AM					3	3
11:26 AM					3	
11:27 AM					3	
11:28 AM					3	
11:29 AM					3	
11:30 AM					3	3
11:31 AM					3	
11:32 AM					3	
11:33 AM					3	
11:34 AM					3	
11:35 AM					3	3
11:36 AM					3	
11:37 AM			1		2	
11:38 AM					2	
11:39 AM					2	
11:40 AM					2	2
11:41 AM					2	
11:42 AM					2	
11:43 AM					2	
11:44 AM					2	
11:45 AM					2	2
11:46 AM					2	
11:47 AM					2	
11:48 AM			1		1	
11:49 AM					1	
11:50 AM					1	1
11:51 AM					1	
11:52 AM					1	
11:53 AM					1	
11:54 AM					1	
11:55 AM					1	1
11:56 AM					1	
11:57 AM					1	
11:58 AM					1	
11:59 AM					1	
12:00 PM					1	1
12:01 PM					1	
12:02 PM					1	
12:03 PM					1	
12:04 PM					1	
12:05 PM					1	1
12:06 PM					1	
12:07 PM					1	
12:08 PM					1	
12:09 PM					1	
12:10 PM					1	1
12:11 PM					1	
12:12 PM					1	
12:13 PM					1	
12:14 PM					1	
12:15 PM					1	1
12:16 PM					1	
12:17 PM					1	
12:18 PM					1	
12:19 PM					1	
12:20 PM					1	1
12:21 PM					1	
12:22 PM					1	
12:23 PM					1	
12:24 PM					1	
12:25 PM	1				2	2
12:26 PM					2	
12:27 PM					2	
12:28 PM					2	
12:29 PM					2	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
12:30 PM					2	2
12:31 PM					2	
12:32 PM					2	
12:33 PM					2	
12:34 PM					2	
12:35 PM					2	2
12:36 PM					2	
12:37 PM					2	
12:38 PM					2	
12:39 PM					2	
12:40 PM					2	2
12:41 PM			1		1	
12:42 PM					1	
12:43 PM					1	
12:44 PM					1	
12:45 PM					1	1
12:46 PM					1	
12:47 PM					1	
12:48 PM					1	
12:49 PM					1	
12:50 PM					1	1
12:51 PM					1	
12:52 PM					1	
12:53 PM					1	
12:54 PM					1	
12:55 PM					1	1
12:56 PM					1	
12:57 PM					1	
12:58 PM					1	
12:59 PM					1	
1:00 PM					1	1
1:01 PM					1	
1:02 PM					1	
1:03 PM					1	
1:04 PM					1	
1:05 PM					1	1
1:06 PM					1	
1:07 PM					1	
1:08 PM					1	
1:09 PM	1				2	
1:10 PM			1		1	2
1:11 PM					1	
1:12 PM					1	
1:13 PM					1	
1:14 PM					1	
1:15 PM					1	1
1:16 PM					1	
1:17 PM					1	
1:18 PM					1	
1:19 PM					1	
1:20 PM					1	1
1:21 PM					1	
1:22 PM					1	
1:23 PM					1	
1:24 PM					1	
1:25 PM					1	1
1:26 PM					1	
1:27 PM					1	
1:28 PM					1	
1:29 PM					1	
1:30 PM					1	1
1:31 PM					1	
1:32 PM					1	
1:33 PM					1	
1:34 PM					1	
1:35 PM					1	1

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
1:36 PM					1	
1:37 PM					1	
1:38 PM					1	
1:39 PM					1	
1:40 PM					1	1
1:41 PM					1	
1:42 PM					1	
1:43 PM					1	
1:44 PM					1	
1:45 PM					1	1
1:46 PM					1	
1:47 PM					1	
1:48 PM	1		1		1	
1:49 PM					1	
1:50 PM					1	1
1:51 PM					1	
1:52 PM					1	
1:53 PM					1	
1:54 PM					1	
1:55 PM					1	1
1:56 PM					1	
1:57 PM					1	
1:58 PM					1	
1:59 PM					1	
2:00 PM					1	1
2:01 PM					1	
2:02 PM					1	
2:03 PM					1	
2:04 PM					1	
2:05 PM					1	1
2:06 PM					1	
2:07 PM					1	
2:08 PM					1	
2:09 PM					1	
2:10 PM					1	1
2:11 PM					1	
2:12 PM					1	
2:13 PM					1	
2:14 PM					1	
2:15 PM					1	1
2:16 PM					1	
2:17 PM					1	
2:18 PM					1	
2:19 PM					1	
2:20 PM					1	1
2:21 PM					1	
2:22 PM					1	
2:23 PM					1	
2:24 PM					1	
2:25 PM					1	1
2:26 PM					1	
2:27 PM					1	
2:28 PM					1	
2:29 PM					1	
2:30 PM					1	1
2:31 PM					1	
2:32 PM					1	
2:33 PM					1	
2:34 PM					1	
2:35 PM					1	1
2:36 PM					1	
2:37 PM					1	
2:38 PM					1	
2:39 PM					1	
2:40 PM					1	1
2:41 PM					1	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
2:42 PM					1	
2:43 PM					1	
2:44 PM					1	
2:45 PM					1	1
2:46 PM					1	
2:47 PM					1	
2:48 PM					1	
2:49 PM					1	
2:50 PM					1	1
2:51 PM					1	
2:52 PM					1	
2:53 PM					1	
2:54 PM					1	
2:55 PM					1	1
2:56 PM					1	
2:57 PM					1	
2:58 PM					1	
2:59 PM					1	
3:00 PM					1	1
3:01 PM					1	
3:02 PM					1	
3:03 PM					1	
3:04 PM					1	
3:05 PM					1	1
3:06 PM					1	
3:07 PM					1	
3:08 PM					1	
3:09 PM					1	
3:10 PM					1	1
3:11 PM					1	
3:12 PM					1	
3:13 PM					1	
3:14 PM					1	
3:15 PM	1				2	2
3:16 PM					2	
3:17 PM					2	
3:18 PM					2	
3:19 PM					2	
3:20 PM					2	3
3:21 PM	1				3	
3:22 PM					3	
3:23 PM					3	
3:24 PM					3	
3:25 PM					3	3
3:26 PM			2		1	
3:27 PM					1	
3:28 PM					1	
3:29 PM					1	
3:30 PM					1	1
3:31 PM					1	
3:32 PM					1	
3:33 PM					1	
3:34 PM					1	
3:35 PM					1	1
3:36 PM					1	
3:37 PM					1	
3:38 PM					1	
3:39 PM					1	
3:40 PM			1		0	1
3:41 PM					0	
3:42 PM					0	
3:43 PM					0	
3:44 PM					0	
3:45 PM					0	0
3:46 PM					0	
3:47 PM					0	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
3:48 PM					0	
3:49 PM	1				1	
3:50 PM					1	1
3:51 PM					1	
3:52 PM					1	
3:53 PM					1	
3:54 PM					1	
3:55 PM					1	1
3:56 PM					1	
3:57 PM					1	
3:58 PM					1	
3:59 PM					1	
4:00 PM					1	1
4:01 PM					1	
4:02 PM					1	
4:03 PM			1		0	
4:04 PM					0	
4:05 PM					0	0
4:06 PM					0	
4:07 PM					0	
4:08 PM					0	
4:09 PM	1				1	
4:10 PM	1				2	2
4:11 PM					2	
4:12 PM					2	
4:13 PM					2	
4:14 PM					2	
4:15 PM					2	3
4:16 PM	1				3	
4:17 PM			1		2	
4:18 PM			1		1	
4:19 PM					1	
4:20 PM	1				2	2
4:21 PM					2	
4:22 PM					2	
4:23 PM					2	
4:24 PM	1		1		2	
4:25 PM					2	2
4:26 PM					2	
4:27 PM					2	
4:28 PM					2	
4:29 PM					2	
4:30 PM			1		1	2
4:31 PM					1	
4:32 PM			1		0	
4:33 PM					0	
4:34 PM					0	
4:35 PM					0	0
4:36 PM					0	
4:37 PM					0	
4:38 PM	2				2	
4:39 PM					2	
4:40 PM					2	2
4:41 PM					2	
4:42 PM					2	
4:43 PM			1		1	
4:44 PM					1	
4:45 PM					1	1
4:46 PM					1	
4:47 PM					1	
4:48 PM					1	
4:49 PM			1		0	
4:50 PM					0	1
4:51 PM					0	
4:52 PM					0	
4:53 PM	1				1	

Newton Parking 7-6 (4-10-18)

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:40 am)	5 Minute Parking Peaks
4:54 PM					1	
4:55 PM					1	1
4:56 PM					1	
4:57 PM					1	
4:58 PM					1	
4:59 PM	1				2	
5:00 PM					2	3
5:01 PM	1				3	
5:02 PM			1		2	
5:03 PM					2	
5:04 PM					2	
5:05 PM	1				3	3
5:06 PM		1			3	
5:07 PM			1		2	
5:08 PM	3	1			5	
5:09 PM					5	
5:10 PM					5	5
5:11 PM					5	
5:12 PM	1		1		5	
5:13 PM			1		4	
5:14 PM	1				5	
5:15 PM					5	6
5:16 PM					5	
5:17 PM	1				6	
5:18 PM					6	
5:19 PM			1		5	
5:20 PM			2	2	3	6
5:21 PM	1				4	
5:22 PM	2		1		5	
5:23 PM					5	
5:24 PM					5	
5:25 PM	2		1		6	8
5:26 PM	2				8	
5:27 PM			1		7	
5:28 PM					7	
5:29 PM	1		1		7	
5:30 PM	1				8	8
5:31 PM					8	
5:32 PM					8	
5:33 PM		1			8	
5:34 PM	1		2		7	
5:35 PM					7	10
5:36 PM	2				9	
5:37 PM	1				10	
5:38 PM	1		1		10	
5:39 PM					10	
5:40 PM			1		9	10
5:41 PM			2	1	7	
5:42 PM					7	
5:43 PM			2		5	
5:44 PM			1		4	
5:45 PM	1				5	5
5:46 PM					5	
5:47 PM	1		1		5	
5:48 PM	1				6	
5:49 PM	1				7	
5:50 PM			1		6	7
5:51 PM					6	
5:52 PM	1				7	
5:53 PM			1		6	
5:54 PM					6	
5:55 PM	1		1		6	6
5:56 PM			1		5	
5:57 PM			1		4	
5:58 PM					4	
5:59 PM					4	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
7:00 AM	0		0		0	0
7:01 AM	0		0		0	
7:02 AM	0		0		0	
7:03 AM	0		0		0	
7:04 AM	0		0		0	
7:05 AM	0		0		0	0
7:06 AM	0		0		0	
7:07 AM	0		0		0	
7:08 AM	0		0		0	
7:09 AM	0		0		0	
7:10 AM	0		0		0	0
7:11 AM	0		0		0	
7:12 AM	0		0		0	
7:13 AM	0		0		0	
7:14 AM	0		0		0	
7:15 AM	0		0		0	0
7:16 AM	0		0		0	
7:17 AM	0		0		0	
7:18 AM	0		0		0	
7:19 AM	0		0		0	
7:20 AM	0		0		0	0
7:21 AM	0		0		0	
7:22 AM	0		0		0	
7:23 AM	0		0		0	
7:24 AM	0		0		0	
7:25 AM	0		0		0	0
7:26 AM	0		0		0	
7:27 AM	0		0		0	
7:28 AM	1		0		0	
7:29 AM	0		0		1	
7:30 AM	0		0		1	4
7:31 AM	3		0		1	
7:32 AM	1		0		4	
7:33 AM	0		0		5	
7:34 AM	2		1		5	
7:35 AM	0		0		6	6
7:36 AM	0		1		6	
7:37 AM	0		1		5	
7:38 AM	0		1		4	
7:39 AM	0		0		3	
7:40 AM	0		1		3	4
7:41 AM	0		2		2	
7:42 AM	0		0		0	
7:43 AM	0		0		0	
7:44 AM	0		0		0	
7:45 AM	0		0		0	1
7:46 AM	1		0		0	
7:47 AM	0		0		1	
7:48 AM	0		0		1	
7:49 AM	0		0		1	
7:50 AM	0		0		1	2
7:51 AM	1		0		1	
7:52 AM	0		0		2	
7:53 AM	1		1		2	
7:54 AM	0		0		2	
7:55 AM	1		0		2	4
7:56 AM	1		0		3	
7:57 AM	0		1		4	
7:58 AM	1		0		3	
7:59 AM	1		3		4	
8:00 AM	0		0		2	4
8:01 AM	2		0		2	
8:02 AM	3		0		4	
8:03 AM	0		0		7	
8:04 AM	0		0		7	
8:05 AM	0		0		7	7

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
8:06 AM	1		1		7	
8:07 AM	0		2		7	
8:08 AM	1		0		5	
8:09 AM	1		1		6	
8:10 AM	2		0		6	9
8:11 AM	1		0		8	
8:12 AM	0		1		9	
8:13 AM	0		0		8	
8:14 AM	0		0		8	
8:15 AM	1		2		8	8
8:16 AM	1		2		7	
8:17 AM	1		2		6	
8:18 AM	0		1		5	
8:19 AM	2		0		4	
8:20 AM	2		1		6	7
8:21 AM	0		0		7	
8:22 AM	0		0		7	
8:23 AM	0		1		7	
8:24 AM	0		1		6	
8:25 AM	0		0		5	7
8:26 AM	1		0		5	
8:27 AM	3		2		6	
8:28 AM	1		0		7	
8:29 AM	0		0		8	
8:30 AM	0		0		8	8
8:31 AM	0		0		8	
8:32 AM	1		1		8	
8:33 AM	1		1		8	
8:34 AM	0		1		8	
8:35 AM	0		1		7	8
8:36 AM	1		1		6	
8:37 AM	0		0		6	
8:38 AM	1		0		6	
8:39 AM	1		1		7	
8:40 AM	0		0		7	7
8:41 AM	0		1		7	
8:42 AM	3		0		6	
8:43 AM	0		0		6	
8:44 AM	0		1		5	
8:45 AM	0		0		5	6
8:46 AM	0		2		3	
8:47 AM	1		1		3	
8:48 AM	0		0		3	
8:49 AM	0		2		1	
8:50 AM	0		0		1	3
8:51 AM	1		0		2	
8:52 AM	0		0		2	
8:53 AM	2		1		3	
8:54 AM	0		0		3	
8:55 AM	0		0		3	4
8:56 AM	1		0		4	
8:57 AM	0		0		4	
8:58 AM	0		0		4	
8:59 AM	1		0		5	
9:00 AM			1		4	5
9:01 AM			1		3	
9:02 AM					3	
9:03 AM					3	
9:04 AM					3	
9:05 AM					3	4
9:06 AM					3	
9:07 AM	1				4	
9:08 AM			1		3	
9:09 AM	1				4	
9:10 AM	1				5	5
9:11 AM			1		4	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
9:12 AM					4	
9:13 AM					4	
9:14 AM					4	
9:15 AM			1		3	5
9:16 AM					3	
9:17 AM	2				5	
9:18 AM			1		4	
9:19 AM	1				5	
9:20 AM					5	6
9:21 AM					5	
9:22 AM	1				6	
9:23 AM			1		5	
9:24 AM			1		4	
9:25 AM			1		3	5
9:26 AM					3	
9:27 AM					3	
9:28 AM					3	
9:29 AM					3	
9:30 AM					3	3
9:31 AM			1		2	
9:32 AM					2	
9:33 AM	1				3	
9:34 AM					3	
9:35 AM					3	3
9:36 AM					3	
9:37 AM					3	
9:38 AM					3	
9:39 AM					3	
9:40 AM					3	4
9:41 AM					3	
9:42 AM	1				4	
9:43 AM	1				5	
9:44 AM					5	
9:45 AM					5	5
9:46 AM			1		4	
9:47 AM			1		3	
9:48 AM					3	
9:49 AM					3	
9:50 AM	1				4	4
9:51 AM					4	
9:52 AM					4	
9:53 AM					4	
9:54 AM					4	
9:55 AM					4	4
9:56 AM					4	
9:57 AM					4	
9:58 AM					4	
9:59 AM					4	
10:00 AM					4	4
10:01 AM					4	
10:02 AM					4	
10:03 AM					4	
10:04 AM					4	
10:05 AM					4	4
10:06 AM			1		3	
10:07 AM	1				4	
10:08 AM					4	
10:09 AM					4	
10:10 AM					4	4
10:11 AM					4	
10:12 AM					4	
10:13 AM					4	
10:14 AM					4	
10:15 AM	1				5	5
10:16 AM					5	
10:17 AM					5	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
10:18 AM					5	
10:19 AM			1		4	
10:20 AM			1		3	5
10:21 AM					3	
10:22 AM					3	
10:23 AM					3	
10:24 AM					3	
10:25 AM					3	3
10:26 AM					3	
10:27 AM					3	
10:28 AM					3	
10:29 AM					3	
10:30 AM					3	3
10:31 AM					3	
10:32 AM					3	
10:33 AM					3	
10:34 AM					3	
10:35 AM					3	4
10:36 AM					3	
10:37 AM	1				4	
10:38 AM					4	
10:39 AM					4	
10:40 AM					4	5
10:41 AM	1				5	
10:42 AM			1		4	
10:43 AM					4	
10:44 AM			1		3	
10:45 AM					3	4
10:46 AM					3	
10:47 AM					3	
10:48 AM					3	
10:49 AM					3	
10:50 AM					3	3
10:51 AM					3	
10:52 AM					3	
10:53 AM					3	
10:54 AM					3	
10:55 AM					3	4
10:56 AM					3	
10:57 AM	1				4	
10:58 AM					4	
10:59 AM			1		3	
11:00 AM					3	4
11:01 AM					3	
11:02 AM					3	
11:03 AM					3	
11:04 AM					3	
11:05 AM					3	3
11:06 AM					3	
11:07 AM					3	
11:08 AM					3	
11:09 AM					3	
11:10 AM	1				4	4
11:11 AM					4	
11:12 AM			1		3	
11:13 AM					3	
11:14 AM					3	
11:15 AM					3	3
11:16 AM					3	
11:17 AM					3	
11:18 AM					3	
11:19 AM					3	
11:20 AM					3	3
11:21 AM					3	
11:22 AM					3	
11:23 AM					3	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
11:24 AM					3	
11:25 AM					3	3
11:26 AM					3	
11:27 AM					3	
11:28 AM					3	
11:29 AM					3	
11:30 AM					3	3
11:31 AM					3	
11:32 AM					3	
11:33 AM					3	
11:34 AM					3	
11:35 AM					3	3
11:36 AM					3	
11:37 AM					3	
11:38 AM					3	
11:39 AM					3	
11:40 AM					3	3
11:41 AM					3	
11:42 AM					3	
11:43 AM					3	
11:44 AM					3	
11:45 AM					3	4
11:46 AM					3	
11:47 AM	1				4	
11:48 AM					4	
11:49 AM					4	
11:50 AM					4	4
11:51 AM					4	
11:52 AM					4	
11:53 AM					4	
11:54 AM	1				5	
11:55 AM					5	5
11:56 AM					5	
11:57 AM					5	
11:58 AM					5	
11:59 AM					5	
12:00 PM					5	5
12:01 PM					5	
12:02 PM					5	
12:03 PM					5	
12:04 PM					5	
12:05 PM					5	5
12:06 PM			1		4	
12:07 PM			1		3	
12:08 PM					3	
12:09 PM					3	
12:10 PM					3	3
12:11 PM					3	
12:12 PM					3	
12:13 PM					3	
12:14 PM					3	
12:15 PM					3	3
12:16 PM					3	
12:17 PM					3	
12:18 PM					3	
12:19 PM					3	
12:20 PM					3	3
12:21 PM					3	
12:22 PM					3	
12:23 PM					3	
12:24 PM					3	
12:25 PM					3	3
12:26 PM					3	
12:27 PM					3	
12:28 PM					3	
12:29 PM					3	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
12:30 PM					3	3
12:31 PM					3	
12:32 PM					3	
12:33 PM					3	
12:34 PM					3	
12:35 PM					3	3
12:36 PM					3	
12:37 PM					3	
12:38 PM					3	
12:39 PM					3	
12:40 PM					3	3
12:41 PM					3	
12:42 PM					3	
12:43 PM	1				4	
12:44 PM					4	
12:45 PM					4	4
12:46 PM					4	
12:47 PM					4	
12:48 PM					4	
12:49 PM					4	
12:50 PM					4	4
12:51 PM					4	
12:52 PM					4	
12:53 PM					4	
12:54 PM					4	
12:55 PM					4	4
12:56 PM					4	
12:57 PM					4	
12:58 PM					4	
12:59 PM					4	
1:00 PM					4	4
1:01 PM					4	
1:02 PM					4	
1:03 PM			1		3	
1:04 PM					3	
1:05 PM					3	3
1:06 PM					3	
1:07 PM					3	
1:08 PM					3	
1:09 PM	1				4	
1:10 PM					4	4
1:11 PM					4	
1:12 PM					4	
1:13 PM					4	
1:14 PM					4	
1:15 PM	1				5	5
1:16 PM					5	
1:17 PM					5	
1:18 PM					5	
1:19 PM					5	
1:20 PM					5	5
1:21 PM					5	
1:22 PM					5	
1:23 PM					5	
1:24 PM					5	
1:25 PM					5	5
1:26 PM					5	
1:27 PM					5	
1:28 PM					5	
1:29 PM					5	
1:30 PM					5	5
1:31 PM					5	
1:32 PM					5	
1:33 PM					5	
1:34 PM					5	
1:35 PM					5	5

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
1:36 PM					5	
1:37 PM					5	
1:38 PM	1				6	
1:39 PM					6	
1:40 PM					6	6
1:41 PM					6	
1:42 PM					6	
1:43 PM			1		5	
1:44 PM					5	
1:45 PM					5	5
1:46 PM					5	
1:47 PM					5	
1:48 PM					5	
1:49 PM					5	
1:50 PM					5	5
1:51 PM					5	
1:52 PM					5	
1:53 PM					5	
1:54 PM					5	
1:55 PM					5	5
1:56 PM					5	
1:57 PM					5	
1:58 PM					5	
1:59 PM			1		4	
2:00 PM					4	5
2:01 PM					4	
2:02 PM					4	
2:03 PM					4	
2:04 PM					4	
2:05 PM			1		3	4
2:06 PM					3	
2:07 PM					3	
2:08 PM					3	
2:09 PM					3	
2:10 PM					3	3
2:11 PM					3	
2:12 PM					3	
2:13 PM					3	
2:14 PM					3	
2:15 PM					3	3
2:16 PM					3	
2:17 PM					3	
2:18 PM					3	
2:19 PM					3	
2:20 PM					3	3
2:21 PM					3	
2:22 PM					3	
2:23 PM					3	
2:24 PM					3	
2:25 PM					3	3
2:26 PM					3	
2:27 PM					3	
2:28 PM					3	
2:29 PM					3	
2:30 PM					3	3
2:31 PM					3	
2:32 PM					3	
2:33 PM					3	
2:34 PM					3	
2:35 PM					3	3
2:36 PM					3	
2:37 PM					3	
2:38 PM					3	
2:39 PM					3	
2:40 PM					3	3
2:41 PM			1		2	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
2:42 PM					2	
2:43 PM					2	
2:44 PM					2	
2:45 PM					2	2
2:46 PM					2	
2:47 PM					2	
2:48 PM			1		1	
2:49 PM					1	
2:50 PM					1	2
2:51 PM					1	
2:52 PM	1				2	
2:53 PM					2	
2:54 PM					2	
2:55 PM					2	2
2:56 PM					2	
2:57 PM					2	
2:58 PM					2	
2:59 PM					2	
3:00 PM					2	2
3:01 PM			1		1	
3:02 PM					1	
3:03 PM					1	
3:04 PM					1	
3:05 PM					1	2
3:06 PM					1	
3:07 PM	1				2	
3:08 PM					2	
3:09 PM					2	
3:10 PM					2	2
3:11 PM			1		1	
3:12 PM					1	
3:13 PM			1		0	
3:14 PM					0	
3:15 PM					0	0
3:16 PM					0	
3:17 PM					0	
3:18 PM					0	
3:19 PM					0	
3:20 PM					0	0
3:21 PM					0	
3:22 PM					0	
3:23 PM					0	
3:24 PM					0	
3:25 PM					0	0
3:26 PM					0	
3:27 PM					0	
3:28 PM					0	
3:29 PM	1				1	
3:30 PM					1	2
3:31 PM					1	
3:32 PM	1				2	
3:33 PM					2	
3:34 PM					2	
3:35 PM					2	2
3:36 PM					2	
3:37 PM			1		1	
3:38 PM					1	
3:39 PM					1	
3:40 PM					1	1
3:41 PM					1	
3:42 PM					1	
3:43 PM					1	
3:44 PM					1	
3:45 PM			1		0	1
3:46 PM					0	
3:47 PM					0	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
3:48 PM					0	
3:49 PM					0	
3:50 PM					0	0
3:51 PM					0	
3:52 PM					0	
3:53 PM					0	
3:54 PM					0	
3:55 PM	1				1	2
3:56 PM	1				2	
3:57 PM					2	
3:58 PM					2	
3:59 PM	1				3	
4:00 PM	0		0		3	3
4:01 PM	0		0		3	
4:02 PM	0		0		3	
4:03 PM	1		2		2	
4:04 PM	0		0		2	
4:05 PM	1		0		3	3
4:06 PM	1		1		3	
4:07 PM	0		0		3	
4:08 PM	0		0		3	
4:09 PM	0		0		3	
4:10 PM	0		0		3	4
4:11 PM	1		0		4	
4:12 PM	0		0		4	
4:13 PM	1		0		5	
4:14 PM	1		1		5	
4:15 PM	1		0		6	6
4:16 PM	0		0		6	
4:17 PM	0		1		5	
4:18 PM	0		1		4	
4:19 PM	1		1		4	
4:20 PM	0		2		2	4
4:21 PM	0		0		2	
4:22 PM	0		0		2	
4:23 PM	0		0		2	
4:24 PM	0		0		2	
4:25 PM	0		0		2	3
4:26 PM	1		0		3	
4:27 PM	0		0		3	
4:28 PM	0		0		3	
4:29 PM	1		0		4	
4:30 PM	0		0		4	4
4:31 PM	1		1		4	
4:32 PM	0		0		4	
4:33 PM	0		0		4	
4:34 PM	1		0		5	
4:35 PM	0		1		4	5
4:36 PM	0		1		3	
4:37 PM	0		0		3	
4:38 PM	0		0		3	
4:39 PM	1		0		4	
4:40 PM	1		0		5	5
4:41 PM	0		2		3	
4:42 PM	0		0		3	
4:43 PM	0		0		3	
4:44 PM	1		0		4	
4:45 PM	0		0		4	5
4:46 PM	1		0		5	
4:47 PM	0		0		5	
4:48 PM	0		2		3	
4:49 PM	1		0		4	
4:50 PM	1		0		5	6
4:51 PM	0		1		4	
4:52 PM	2		0		6	
4:53 PM	0		0		6	

Woburn Artisan Parking 7-6

Time	Parent Cars Arrival (In Lot)	Arrival (Street Parking Only)	Parent Cars Departure (From Lot)	Departure (Street Parking Only)	Parking Spaces Occupied (From known # at 8:42 am)	5 Minute Parking Peaks
4:54 PM	1		0		7	
4:55 PM	1		0		8	8
4:56 PM	0		1		7	
4:57 PM	0		0		7	
4:58 PM	2		0		9	
4:59 PM	1		1		9	
5:00 PM	0		1		8	9
5:01 PM	1		1		8	
5:02 PM	0		1		7	
5:03 PM	0		1		6	
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5:05 PM	0		0		5	6
5:06 PM	0		1		4	
5:07 PM	0		0		4	
5:08 PM	0		1		3	
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5:11 PM	1		0		2	
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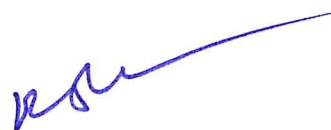
MEMORANDUM

DATE: June 25, 2018

TO: Gus Miragias Executive Director
Artisan Childcare Center
2330 Washington Street, Newton MA

FROM: Robert J. Michaud, P.E. – Managing Principal
Daniel A. Dumais, P.E. – Senior Project Manager

RE: **Proposed Artisan Childcare Center Expansion**
2330 Washington Street – Newton, MA



MDM Transportation Consultants, Inc. (MDM) has prepared a trip generation and parking assessment for the proposed Daycare Facility expansion located at 2330 Washington Street in Newton, Massachusetts. The location of the Site relative to the adjacent roadway network is shown in **Figure 1**. This evaluation describes Existing traffic conditions, summarizes trip generation characteristics and drop-off/pick-up operations for the proposed daycare, provides a parking assessment and identifies traffic management policies that will ensure efficient use of on-site parking to accommodate school operations under an expanded enrollment (up to 106 students).

Key findings of the study are as follows:

- *Observed Trip Generation Characteristics.* Based on Tuesday, April 3, 2018 observations, the Artisan Childcare Center was observed to generate approximately 51 vehicle trips (28 entering and 23 exiting) during the weekday morning peak hour and 42 vehicle trips (22 entering and 20 exiting) during the weekday evening peak hour.
- *Proposed Trip Generation Characteristics.* Based on observed data at the existing Artisan Childcare Center, calculated projections indicate that the daycare center with 100 students is estimated to generate 78 vehicle-trips (43 entering and 35 exiting) during weekday morning peak hour and 65 vehicle-trips (34 entering and 31 exiting) during the weekday evening peak hours, respectively. The projected trip generation based on empirical data from the existing Artisan Childcare Center results in peak hour trip generation estimates that are highly consistent with industry standard rates based on *ITE's Trip Generation Manual* during the weekday morning peak hour and slightly less than the ITE rates during the weekday evening peak hour. It is noted that the Artisan Childcare Center PM peak hour is less distinctly peaked as a result of programming.

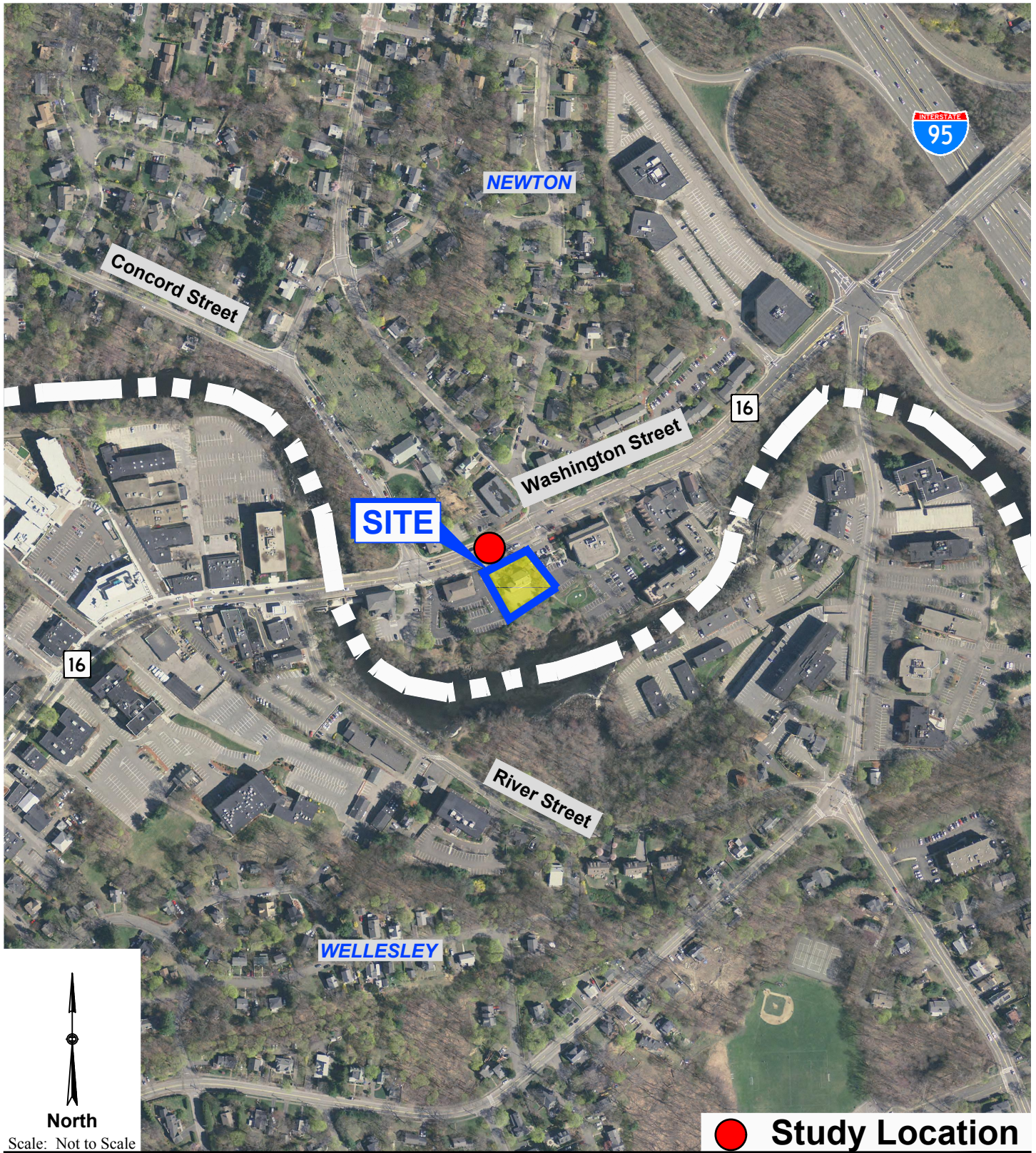


Figure 1

Site Location

- *Adequate Parking Supply.* Staff and visitor parking (19 spaces) will be designated for spaces furthest from the building entrance, leaving approximately 5 spaces closest to the building for pick-up/drop-off use. Staff members should be available to assist students to/from the school building entrances and the drop-off/pick-up areas along the sidewalk system provided on-site. Passenger vehicle processing time can be enhanced by staff assisted concurrent loading/boarding of students by multiple staff as needed to accommodate an average 2-minute processing time. Longer times to include parent/staff conferences will be scheduled in advance to occur outside peak drop-off/pick-up periods as required to ensure ample parking is available to accommodate Artisan Childcare Center operations. The current enrollment is 65 students and is anticipated with gradual enrollment increases to a maximum of 106 students will allow gradual monitoring and adjustment of the traffic management policies to ensure efficient use of on-site parking supply. It is recommended that the operations be monitored at 85 student enrollment, 100-student enrollment and at full enrollment with modifications to Artisan Childcare Center traffic management policies including staggering of student drop-off/pick-up scheduling as required to ensure on-site parking is used effectively will be considered and adopted as required by the Applicant to ensure no impacts to on-site circulation or Washington Street.

- *Parking Management Plan.* A Parking Management Plan (PMP) is proposed by the Applicant to ensure efficient use of the Artisan Childcare Center pick-up/drop-off area, parking supply, and to provide safe and efficient pedestrian and vehicle operations within the Site. The TMP restricts staff parking to spaces furthest from the building, thereby providing short-term/high turnover parking spaces for pick-up/drop-off activity closest to the building entrance. It is recommended that the operations be monitored at the half-way point 85 students with modifications to Artisan Childcare Center traffic management policies including staggering of student drop-off/pick-up scheduling as required to ensure on-site parking is used effectively will be considered and adopted as required by the Applicant to ensure no impacts to on-site circulation or Washington Street.

In summary, as part of the Artisan Childcare Center expansion to a maximum of 100 students traffic management policies and practices will be implemented by the Applicant to ensure efficient operations of school pick-up/drop-off, parking activity, and student circulation. The current enrollment is 65 students and is anticipated with gradual enrollment increases to a maximum of 106 students will allow gradual monitoring and adjustment of the traffic management policies to ensure efficient use of on-site parking supply. It is recommended that the operations be monitored at 85 student enrollment, 100-student enrollment and at full enrollment with modifications to Artisan Childcare Center traffic management policies including staggering of student drop-off/pick-up scheduling as required to ensure on-site parking is used effectively will be considered and adopted as required by the Applicant to ensure no impacts to on-site circulation or Washington Street.

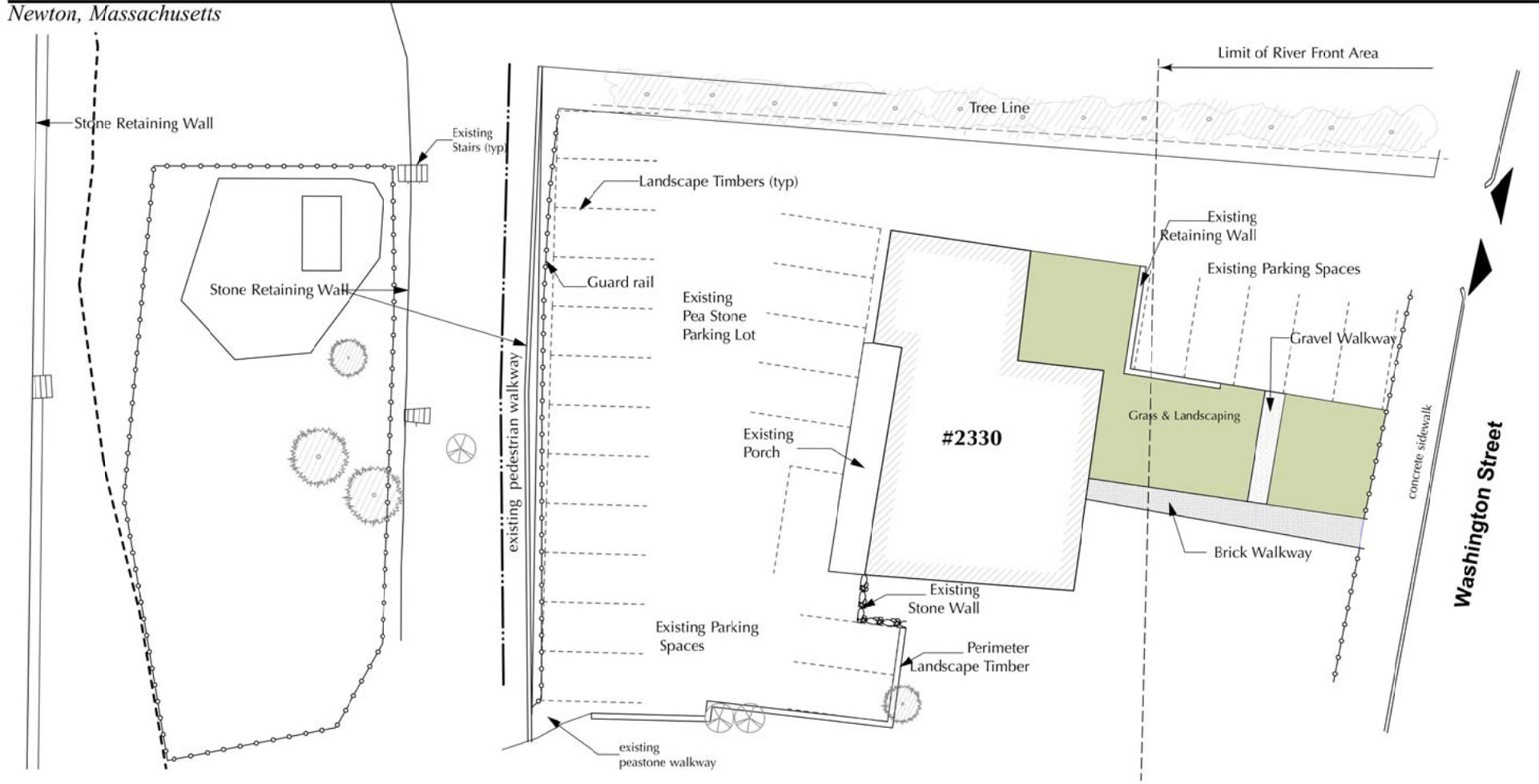
PROJECT DESCRIPTION

The Site (2330 Washington Street) currently is an undeveloped 1.15-acre lot. An existing Artisan Childcare Center currently operates at the Site with a total of 65 students and 13 staff (7 full time and 6 part-time). The hours of operation are currently 7:30 AM to 6:00 PM. On-site parking includes 24 parking spaces with a single access/egress point along Washington Street. The existing Site layout showing site access, circulation, parking, and building layout is presented in **Figure 2**.

Under the proposed development plan, the daycare proposes to expand its enrollment from 65 students in the preschool to approximately 106 students. Staffing levels are projected at up to a maximum of 21 staff (11 full time and 10 part time) which is an increase in full time staff of 4 staff members to accommodate the expanded enrollment. The on-site parking supply and access/egress along Washington Street will remain unchanged.

Proposed operations are as follows:

- The general hours of operation for the daycare will remain 7:30 AM to 6:00 PM with the critical weekday morning drop-off period will be 8:00 AM to 9:00 AM and the critical evening pick-up period will be 5:00 PM to 6:00 PM.
- The program will be expanded up to a maximum of 106 students and the staff will include up to 21 total staff members.
- Consistent with current operation it is anticipated that most full-time staff will typically arrive at least 30 minutes before program starting times and leave after the student pick-up.
- Traffic management policies will be implemented by the Applicant to support efficient and safe on-site operations for drop-off/pick-up activity and pedestrian movement with no reliance on or impact to Washington Street. Specific policies and practices are described in more detail under *Parking Management Policies and Practices*.



North
Scale: Not to Scale

Site Plan Source: Hresko Associates, Inc.
Figure 2

MDM TRANSPORTATION CONSULTANTS, INC.
Planners & Engineers

Existing Site Plan

BASELINE TRAFFIC CHARACTERISTICS

An overview of existing roadway conditions, traffic volumes, and baseline site trip generation is provided below.

Roadways

Washington Street

Washington Street (Route 16) is classified by the Massachusetts Department of Transportation (MassDOT) as an Urban Minor Arterial under local (Town) jurisdiction. Washington Street is generally a northeast-southwest roadway in the project area that connects Route 95 to the north and Route 9 to the south. Adjacent to the Site, Washington Street provides two-way traffic flow, has a width of approximately 55 feet with one travel lane in the northeast direction and two travel lanes in the southwest direction with 6-foot shoulders. There are sidewalks on both sides of Washington Street within the study area and parking is allowed along the side of the northeast-bound travel lane. The regulatory (posted) speed limit along Washington Street is 35 mph in both travel directions within the study area. Land use along Washington Street within the project area includes a mix of land uses including but not limited to a gas station, a Starbucks, a post office, and residential uses.

Baseline Traffic Data

Baseline Site Trip Generation

Estimated trip generation for the existing Daycare use at the Site has been determined based on turning movement counts conducted at the Site Driveway intersections with Washington Street on April 3, 2018. **Table 1** presents the baseline trip generation characteristics for the Site during the peak hours of the adjacent street.

TABLE 1
OBSERVED TRIP-GENERATION – ARTISAN CHILDCARE CENTER

<u>Period/Direction</u>	<u>Observed Site Trips (With Staff)¹</u>
<i>Weekday Morning Peak Drop-Off Period (8:00 – 9:00 am)</i>	
Entering	28
<u>Exiting</u>	<u>23</u>
Total	51
<i>Weekday Evening Peak Pick-Up Period (4:45 – 5:45 pm)</i>	
Entering	22
<u>Exiting</u>	<u>20</u>
Total	42

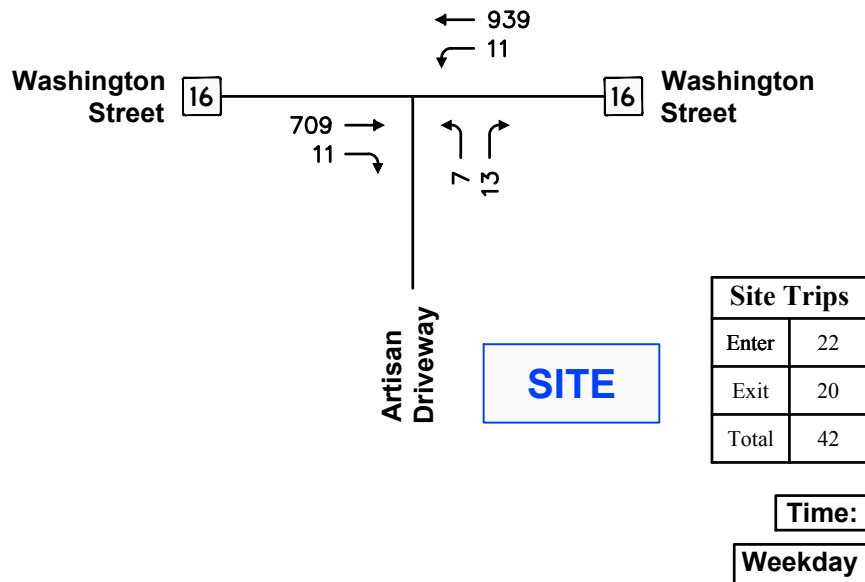
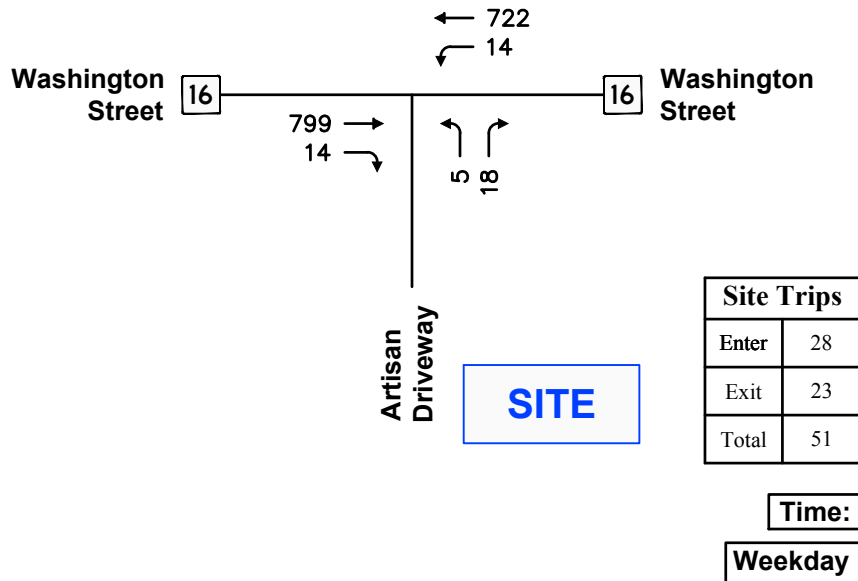
¹Empirical trip generation as summarized based on observations at 2330 Washington Street, Newton, MA on April 3, 2018 with staff allowed to park on-site.

As summarized in **Table 1**:

- *Trip Generation.* Based on Tuesday, April 3, 2018 observations, the Artisan Childcare Center was observed to generate approximately 51 vehicle trips (28 entering and 23 exiting) during the weekday morning peak hour and 42 vehicle trips (22 entering and 20 exiting) during the weekday evening peak hour.

Peak Hour Traffic Counts

Traffic volume data were collected at the site driveway intersection with Washington Street during the weekday morning (7:30 AM - 9:00 AM) and weekday evening (4:00 PM – 6:00 PM) periods to coincide with peak drop-off/pick-up activity of the daycare use and the peak traffic along the adjacent street. Review of MassDOT permanent count station data indicates that April is a slightly above average traffic month (approximately 1 percent above average month conditions). To remain slightly conservative, no seasonal adjustment was applied to the data to represent average conditions. The weekday morning and weekday evening peak hour traffic volumes for the study intersection are shown in **Figure 3**. Traffic count data and MassDOT permanent count station data are provided in the **Attachments**.



North

Scale: Not to Scale

Figure 3

**2018 Baseline Condition
 Weekday Peak Hour Volumes
 Newton Artisan Childcare Center
 (65 Students)**

TRIP GENERATION

The trip generation estimates for the proposed Daycare Center are provided for the weekday morning and weekday evening periods, which correspond to the critical analysis periods for the adjacent street and proposed use. New traffic generated by the project was estimated based on industry standard data provided in ITE Trip Generation for Land Use Code (LUC) 565 – Day Care Center and on empirical data collected at the existing Artisan Childcare Center locations in Newton and Woburn in April 2018. Projected site trip generation for the proposed expanded operations is summarized in **Table 2**. Trip generation calculations are provided in the **Attachments**.

TABLE 2
TRIP-GENERATION SUMMARY – ARTISAN CHILDCARE CENTER

Period	ITE Basis ¹	Empirical Basis ²
<i>Weekday Morning Peak-Hour:</i>		
Enter	43	46
<u>Exit</u>	<u>39</u>	<u>37</u>
Total	82	83
<i>Weekday Evening Peak-Hour:</i>		
Enter	39	36
<u>Exit</u>	<u>45</u>	<u>33</u>
Total	84	69

¹Based on ITE LUC 565 (Day Care Center) trip generation rates applied to 106 students.

²Calculated from empirical data collected at the existing Artisan Childcare Center with 65 students on Tuesday, April 3, 2018 with staff allowed to park on-site projected to 106 students.

As summarized in **Table 2**,

- *ITE Basis.* Based on industry standard ITE rates the Day Care Center is estimated to generate 82 vehicle-trips (43 entering and 39 exiting) during weekday morning peak hour and 84 vehicle-trips (39 entering and 44 exiting) during the weekday evening peak hours, respectively.
- *Empirical Basis.* Based on observed data at the existing Artisan Childcare Center, calculated projections indicate that the daycare center with 100 students is estimated to generate 83 vehicle-trips (46 entering and 37 exiting) during weekday morning peak hour and 69 vehicle-trips (36 entering and 33 exiting) during the weekday evening peak hours, respectively.

In summary, the projected trip generation based on empirical data from the existing Artisan Childcare Center results in peak hour trip generation estimates that are highly consistent with ITE rates during the weekday morning peak hour and slightly less than the ITE rates during the weekday evening peak hour. The Artisan Childcare Center PM peak hour is less distinctly peaked as a result of programming.

PARKING ASSESSMENT

Drop-Off/Pick-Up Analysis

A detailed drop-off/pick-up analysis for the Artisan Childcare Centers is presented based on projected peak demand, processing times and industry standard queue algorithms as follows:

- MDM assumes a total of 37 morning peak hour student drop-offs and evening peak hour student pick-ups at full enrollment (106 students). The current enrollment is at 65 and it is assumed that any increase in enrolment will incur in steps based on students and required staffing levels.
- Parking duration of between 5 to 10 minutes for drop-off/pick-up activity, consistent with observed characteristics of the existing Artisan Childcare Centers (Newton and Woburn).
- Students are generally loaded/unloaded by a parents or guardians to vehicles in the spaces nearest the building entrance which can accommodate concurrent student loading/unloading by parents and guardians. The existing parking activity at the Newton (65 student enrollment) and Woburn (82 student enrollment) Artisan Childcare Centers were observed in April 2018 under conditions without on-site staff parking and are summarized in half hour increments between 7:00 am and 6:00 pm as shown in **Figure 4** and **Figure 5**. The results indicate the following:
 - The critical drop off-period generally occurs between 8:00 am and 9:00 am.
 - The critical pick-up period generally occurs between 5:00 pm and 6:00 pm.
 - The peak parking demand at the Newton facility was 10 vehicles.
 - The peak parking demand at the Woburn facility was 9 vehicles.

Short term parking analysis results for the drop-off/ pick up activity are summarized in **Table 3** based on full enrollment and existing arrival patterns observed at existing Artisan Childcare Centers under a recommended expedited processing scenario with a 2-minute processing time as outlined under *Parking Management Policies and Practices*. Tabulated results are presented in the **Attachments**.

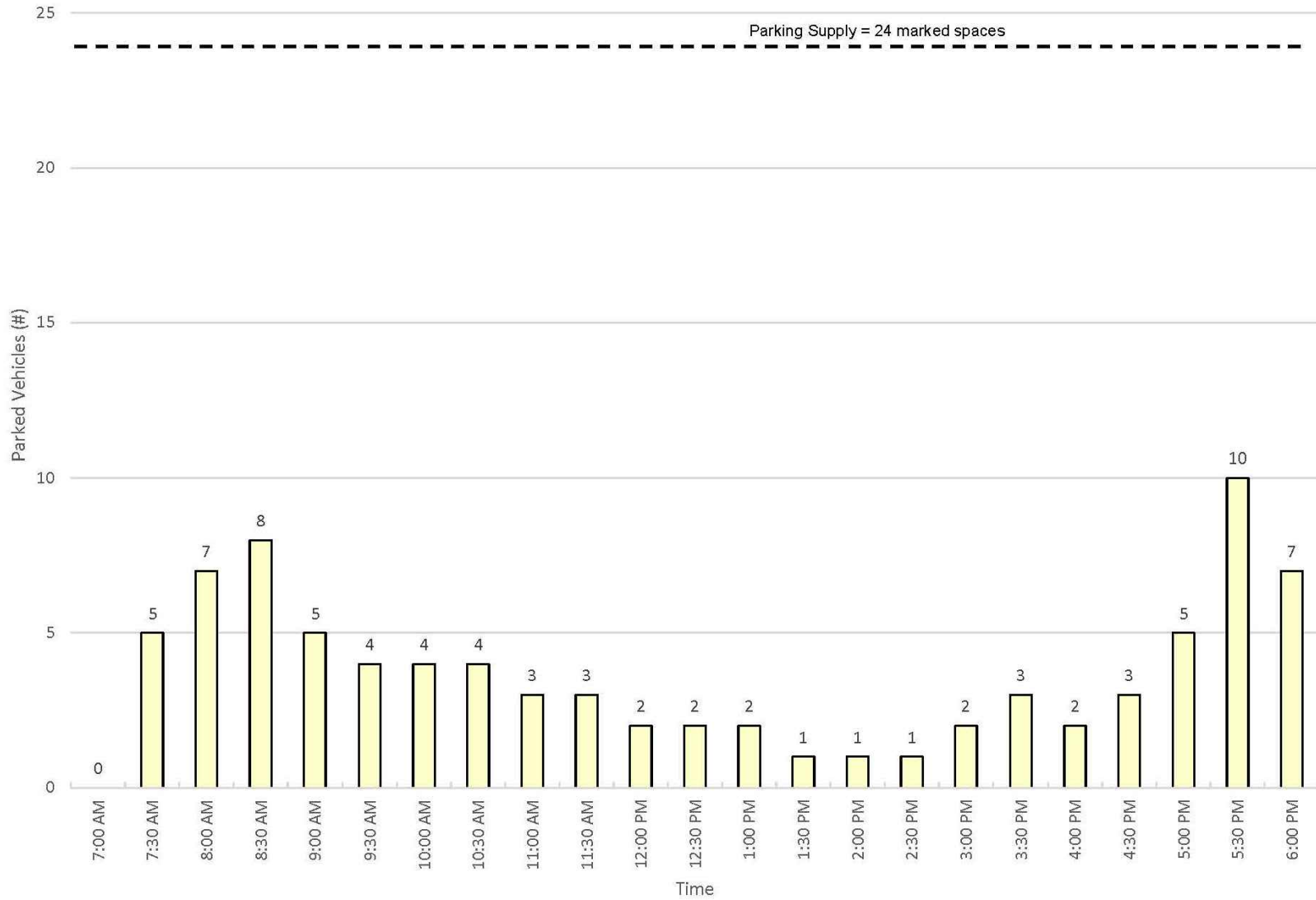


Figure 4

Newton Artisan Daily Parking Demand
Staff Not Included
Tuesday, April 10th, 2018

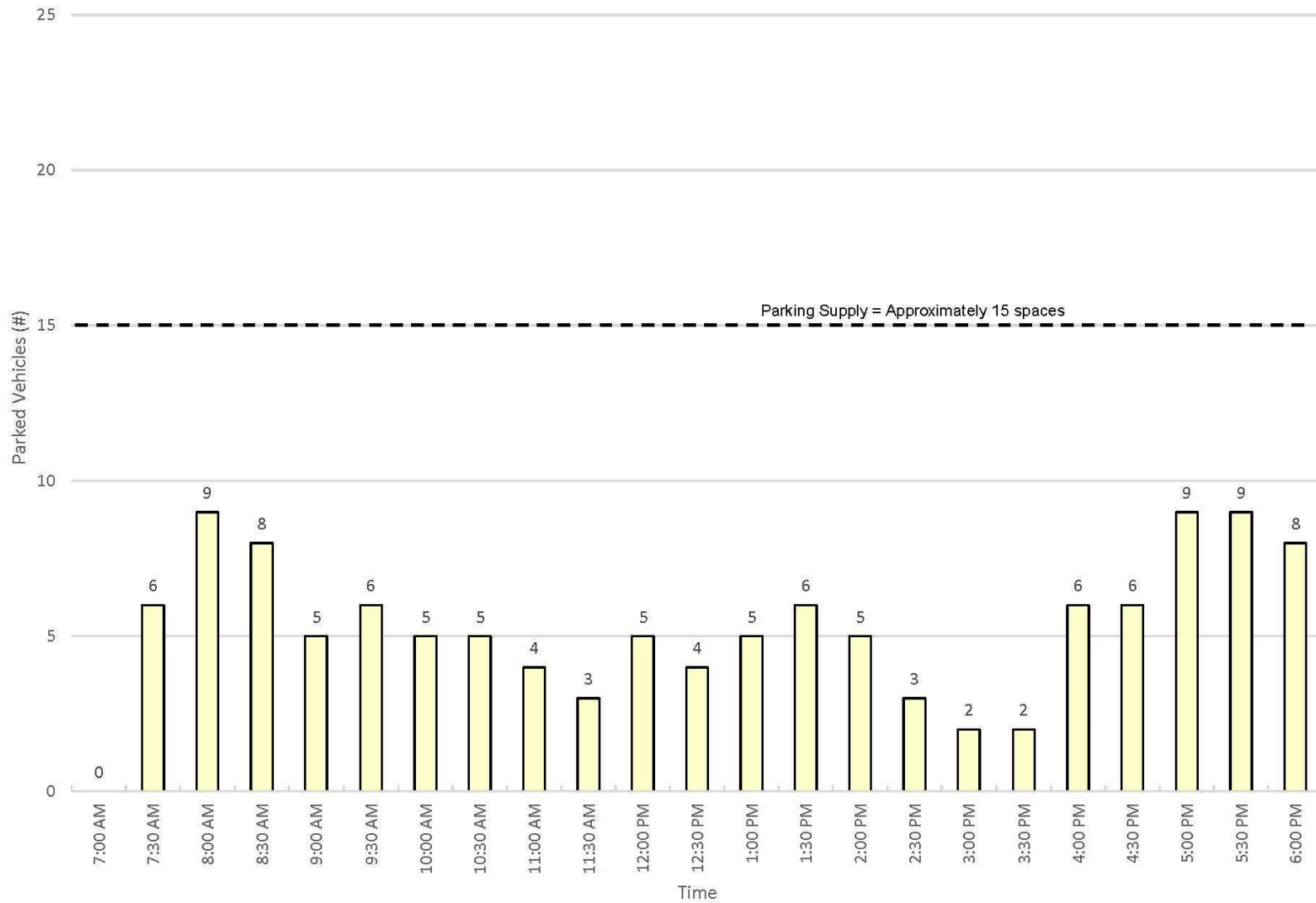


Figure 5

**Woburn Artisan Daily Parking Demand
Staff Not Included
Tuesday, April 3rd, 2018**

**TABLE 3
PROJECTED CRITICAL SCHOOL DROP-OFF/ PICK-UP/ QUEUING**

Design Volume ¹	Recommended Operations 2-Minute Processing Time
	Max Demand ²
37	5

¹All activity for the AM and PM peaks is assigned to the designated short term parking area, totaling 37 parent/ guardian drop-off/pick-up vehicles.

²Calculated parking demand vehicles.

As summarized in **Table 3**, at full enrollment, peak parking demand in short-term spaces closest to the building is estimated at 5 vehicles during the critical weekday morning drop-off and weekday evening pick-up periods. The expedited processing scenario would reduce the critical drop-off/pick-up parking demand by parents/guardians from 10 spaces to 5 spaces.

ITE Methodology

Peak parking generation rates for day care uses are published by the Institute of Transportation Engineers (ITE) in *Parking Generation*¹ Peak parking demands for the Day Care Center based on the applicable ITE Land Use Code (LUC) 565 – Day Care Center applied to 106 students results in an average peak demand of approximately 25 vehicles, which is in line with the on-site parking supply level. ITE parking data is provided in the **Attachments**.

PARKING MANAGEMENT POLICIES AND PRACTICES

Parking management policies and practices will be implemented by the Applicant to ensure efficient operations of school pick-up/drop-off, parking activity, and student circulation. Key aspects of the Parking Management Plan are as follows:

- *Parking and Pick-Up/Drop-Off Operations*
 - Staff members should be available to assist students to/from the school building entrances and the drop-off/pick-up areas along the sidewalk system provided on-site. Likewise, Staff members should actively manage all internal pedestrian crossings as needed.

¹ *Parking Generation, 4th Edition*, Institute of Transportation Engineers, Washington D.C. 2010

- Passenger vehicle processing time can be enhanced by concurrent loading/boarding of students by multiple staff as needed to accommodate an approximate 2-minute processing time. Longer times to include parent/staff conferences will be scheduled in advance to occur outside peak drop-off/pick-up periods as required to ensure ample parking is available to accommodate Artisan Childcare Center operations.
 - The site driveway should be staffed during peak drop-off/pick-up periods to ensure that oncoming vehicles are managed to avoid potential conflicts with pedestrians and or entering/exiting vehicles. These staff members should also discourage student loading/unloading beyond the designated drop-off/ pick-up area or designated parent/visitor spaces.
 - Drop-off/pick-up periods will be actively monitored and managed by staff to ensure adequate parking capacity is available to accommodate operations with no parking allowed within circulation aisles or undesignated areas. The drop-off/pick-up periods will be monitored and revised as needed to accommodate the peak parking demands.
 - Special event programming including special holiday events, etc. that would require extended parent/guardian stays with parking demands in excess of on-site parking supply will be prohibited without a pre-arranged off-site parking arrangement.
- *Designated Parking Areas*
 - Designate the five (5) parking spaces closest to the building and entranceway for student pick-up/drop-off operations with the remaining 19 spaces available for staff and visitors as illustrated in **Figure 6**.
 - Designate the parking spaces away from the parent drop-off-pick-up area of the property as staff and visitor parking to minimize conflicts with drop-off/pick-up activity.
 - All parking spaces should be actively managed to avoid conflicts during peak pick-up/drop-off periods.
 - *Plan Implementation and Monitoring*

Artisan proposes to increase enrollment and related staffing in a gradual, phased manner in order to assure that the objectives of the Parking Management Plan can be met. At each phase of the increase in enrollment (85 student enrollment, 100 student enrollment and full/106 student enrollment), Artisan will monitor on-site parking utilization and the effectiveness and efficiency of the pick-up/drop off area. Artisan's



Site Plan Source: Hresko Associates, Inc.

Figure 6

goal is to encourage parents to use the pick-up /drop off function in front of the site so that the majority of the parking stalls in the rear of the building will be used by staff. Artisan anticipates that with active staffing and management of the pick-up/drop off operations, those short-term parking spaces will be adequate to accommodate the vast majority of pick-up/drop-off activity.

If it is determined that the combination of the active pick up/drop off area in front and the nineteen (19) parking stalls in the rear of the Site are not adequate to meet the needs of growing enrollment, Artisan will implement the mitigation measures below.

Parking Mitigation Measures

- a. Artisan will incentivize employees to ride share or use public transportation through subsidy of transit passes or other means.
- b. Artisan will require certain staff not to park at the site.

Artisan staff would have at least two options for offsite parking: On-street parking on Concord Street, which has shown ample availability for our earliest morning shifts. The second option is the Woodland T Station parking lot. This lot offers a shuttle regularly that passes by Artisan, is walking distance from Artisan and allows for staff members to carpool to the center as needed.

Plan Review and Consultation with City Planning Department

Following the first phase of the expanded enrollment, and prior to further enrollment expansion up to a maximum of 106 children, Artisan will consult with the City of Newton Planning Department to review the results of the monitoring of the Parking Plan.

CONCLUSIONS

In summary, as part of the Artisan Childcare Center expansion to a maximum of 106 students traffic management policies and practices will be implemented by the Applicant to ensure efficient operations of school pick-up/drop-off, parking activity, and student circulation. The current enrollment is 65 students and is anticipated with gradual enrollment increases to a maximum of 106 students will allow gradual monitoring and adjustment of the traffic management policies to ensure efficient use of on-site parking supply. It is recommended that the operations be monitored at the 85-student enrollment level, the 100-student enrollment level and at full enrollment of 106 students with modifications to Artisan Childcare Center traffic management policies including staggering of student drop-off/pick-up scheduling as required to ensure on-site parking is used effectively will be considered and adopted as required by the Applicant to ensure no impacts to on-site circulation or Washington Street.