

# Town of Franklin

355 East Central Street  
Franklin, Massachusetts 02038-1352



Phone: (508) 520-4907  
www.franklinma.gov

## DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT

**DATE:** April 18, 2023  
**TO:** Franklin Planning Board  
**FROM:** Department of Planning and Community Development  
**RE:** 162 Grove Street – Marijuana Dispensary  
Special Permit Condition

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1. The Planning Board approved the Site Plan and Special permit for 162 Grove Street on October 19, 2020.
2. The following was a Special Condition:
  - i. The Transportation Demand Management Plan, submitted by the applicant, shall be included with the Certificate of Vote
  - b. The Traffic management plan required the following:
    - i. Traffic monitoring study be performed three months after opening of the business
    - ii. A follow-up monitoring program to be conducted 15 months following the opening of the business.

### Documents Included:

1. 3-month monitoring study
2. 15-month monitoring study
3. Transportation Demand Management Plan

### DPCD:

1. The Business owner/Applicant have submitted both studies for the 3-month monitoring and 15-month monitoring.
2. The Owner/Applicant is looking for the Planning Board to determine if they are satisfied that no future traffic monitoring studies are required.



March 2, 2023

Mr. Scott Murphy  
Director Operational Quality Assurance (QA) and Compliance – Massachusetts Market  
Parallel/NETA  
5 Forge Parkway  
Franklin, MA 02038

**Re: 15-Month NETA Traffic Monitoring  
162 Grove Street  
Franklin, Massachusetts**

Dear Scott:

Tetra Tech has completed the 15-month post opening traffic monitoring study for the NETA facility located at 162 Grove Street in Franklin, Massachusetts required by the Town of Franklin as a condition of approval for the project. The monitoring study evaluates the site's performance with respect to transportation goals established in the Transportation Demand Management Plan (TDMP) for the project.

### **Project Description**

The NETA facility is comprised of a 16,087 square foot (sf) building, including 3,856 sf of retail space, 4,647 sf of office space, and 7,584 sf of warehouse space related to the sale of medical and adult-use marijuana products. A total of 141 parking spaces, including five handicap accessible spaces support the project. The dispensary is open from 8:00 AM to 9:00 PM Monday through Saturday and 9:00 AM to 9:00 PM on Sunday.

The project had received initial Town approval on October 20, 2020, with a Special Condition to “operate as a Reserve Ahead only dispensary.” The facility opened for business on Saturday, November 27, 2021. Tetra Tech prepared a trip generation letter, dated December 29, 2021, supporting the removal of the Reserve Ahead only condition based on traffic count data collected at the facility a few weeks after opening. The Reserve Ahead only special condition was reviewed after 30 days of opening and was removed as a condition of the NETA facility operations based on traffic count data which indicated that the site was generating significantly fewer trips than originally projected. As part of the December 29, 2021 trip generation letter, a new TDMP was submitted for the ongoing NETA facility operations without the previous Reserve Ahead restriction.

### **TDMP Performance Goals**

As part of the project's TDMP, transportation performance goals were established with respect to vehicle trip generation and parking demand. The performance goals were developed based on anticipated customer demands identified in the December 29, 2021 trip generation letter. Traffic and parking goals for the project include:

- 91 vehicle trips generated to or from the site during the weekday morning peak hour;
- 141 vehicle trips generated to or from the site during the weekday evening peak hour;
- 179 vehicle trips generated to or from the site during the Saturday afternoon peak hour;
- Peak parking demand of 76 vehicles on a weekday; and,

- Peak parking demand of 67 vehicles on a Saturday.

As stated in the TDMP, dated December 29, 2021, “the performance of the facility from a transportation perspective will be monitored periodically to determine if the above referenced goals are being met. Monitoring will be conducted by a qualified transportation consultant beginning 15 minutes before the facility opens and ending 15 minutes after the facility closes.” Traffic and parking data to be collected as part of the monitoring program includes:

- A count of vehicles entering and exiting the site by 15-minute intervals; and
- A count of the number of vehicles parked or circulating on site at 15-minute intervals.”

The monitoring program is to be conducted on two typical weekdays and a Saturday.

### 15-Month Monitoring Program

To meet the requirements of the project’s TDMP, the site was monitored 15 minutes prior to opening (7:45 AM) to 15 minutes after closing (9:15 PM) on Thursday, February 9, 2023, Friday February 10, 2023 and Saturday, February 11, 2023. These dates are approximately 15 months after the facility opened. Video cameras were set up to monitor traffic entering and exiting the site, as well as the parking demands within the on-site parking lot. Tetra Tech reviewed the video footage from the three-day count period and visited the site at other times to make independent observations of the site traffic operations.

### Traffic Counts

Automatic Traffic Recorder (ATR) counts were conducted at the site driveway to determine the total daily and peak hour site traffic volumes. On Thursday, February 9, 2023, the site generated approximately 598 vehicle trips (300 entering and 298 exiting), including 13 trips during the morning peak hour and 85 trips during the evening peak hour. On Friday, February 10, 2023, the site generated approximately 771 trips, including 26 trips during the morning peak hour and 90 trips during the evening peak hour. On Saturday, February 11, 2023, the site generated approximately 734 trips, including 30 during the morning peak hour and 60 trips during the evening peak hour. The traffic count data is summarized in Table 1.

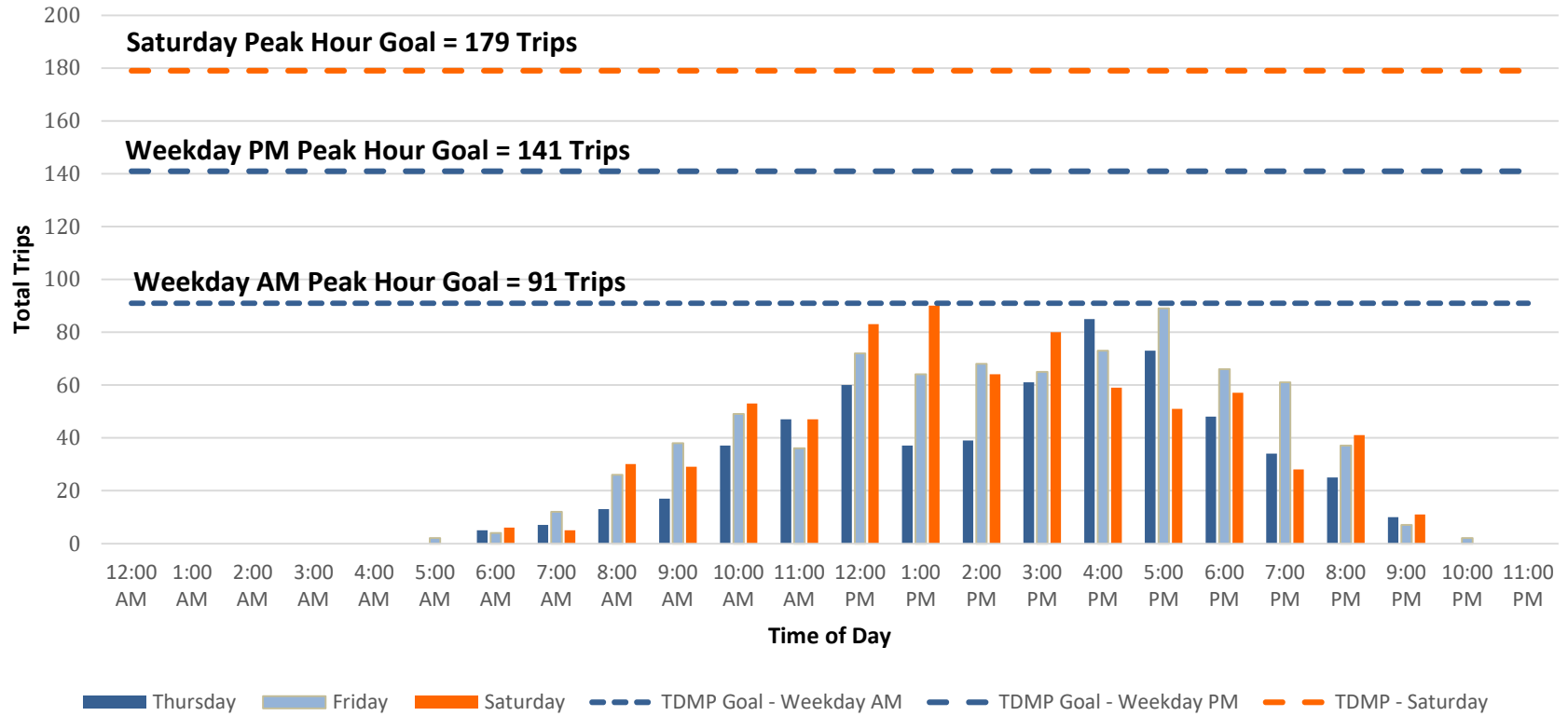
**Table 1 Vehicle Trip Generation**

	<u>Thursday</u> <u>February 9, 2023</u>			<u>Friday</u> <u>February 10, 2023</u>			<u>Saturday</u> <u>February 11, 2023</u>		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
<b>Morning Peak Hour</b>	8:00-9:00 AM			8:00-9:00 AM			8:00-9:00 AM		
Vehicle Trips	6	7	13	12	14	26	15	15	30
<b>Afternoon Peak Hour</b>	4:00-5:00 PM			4:45-5:45 PM			4:15-5:15 PM		
Vehicle Trips	44	41	85	45	45	90	27	33	60
<b>Overall Peak Hour</b>	4:00-5:00 PM			4:45-5:45 PM			12:45-1:45 PM		
Vehicle Trips	44	41	85	45	45	90	49	49	98

On Thursday and Friday, the overall peak hours for the site occurred at the same time as the weekday evening peak hours. The overall peak hour on Saturday occurred during midday (12:45 to 1:45 PM) when the site generated 98 trips. As shown in Table 1, the site generated approximately 13 to 90 trips during weekday peak hours and 98 trips during the Saturday midday peak hour. The hourly trip generation for the site during the three days of monitoring is illustrated in Chart 1. The traffic count data is provided in the Attachments.

# Chart 1

## NETA Trip Generation 162 Grove Street February 2023



As shown in Chart 1, all of the observations were below the TDMP goal thresholds. The highest weekday morning peak hour trip generation of 26 trips was well below the TDMP threshold of 91 trips. The highest weekday evening peak hour trip generation of 90 trips was also well below the TDMP threshold of 141 trips. The peak hourly Saturday trip generation of 98 trips is also well below the TDMP threshold of 179 trips.

## **Parking Counts**

The total number of vehicles parked or circulating within the parking area was counted at 15-minute intervals over the course of the three-day count period. The maximum number of vehicles parked on site was 29, 31, and 29 on Thursday, Friday, and Saturday, respectively. The parking counts summarized by 15-minute intervals are shown in Charts 2, 3, and 4 and are included in the attachments. The total parking supply on site is 141 spaces, so the existing parking demand falls well below the supply, as well as the peak parking demand goals established in the TDMP.

## **TDMP Performance Standards**

The performance goals established in the TDMP for the dispensary relate to vehicle trip generation and parking demand. These goals were then used to define the acceptable performance standards. The performance standards are as follows:

### Traffic

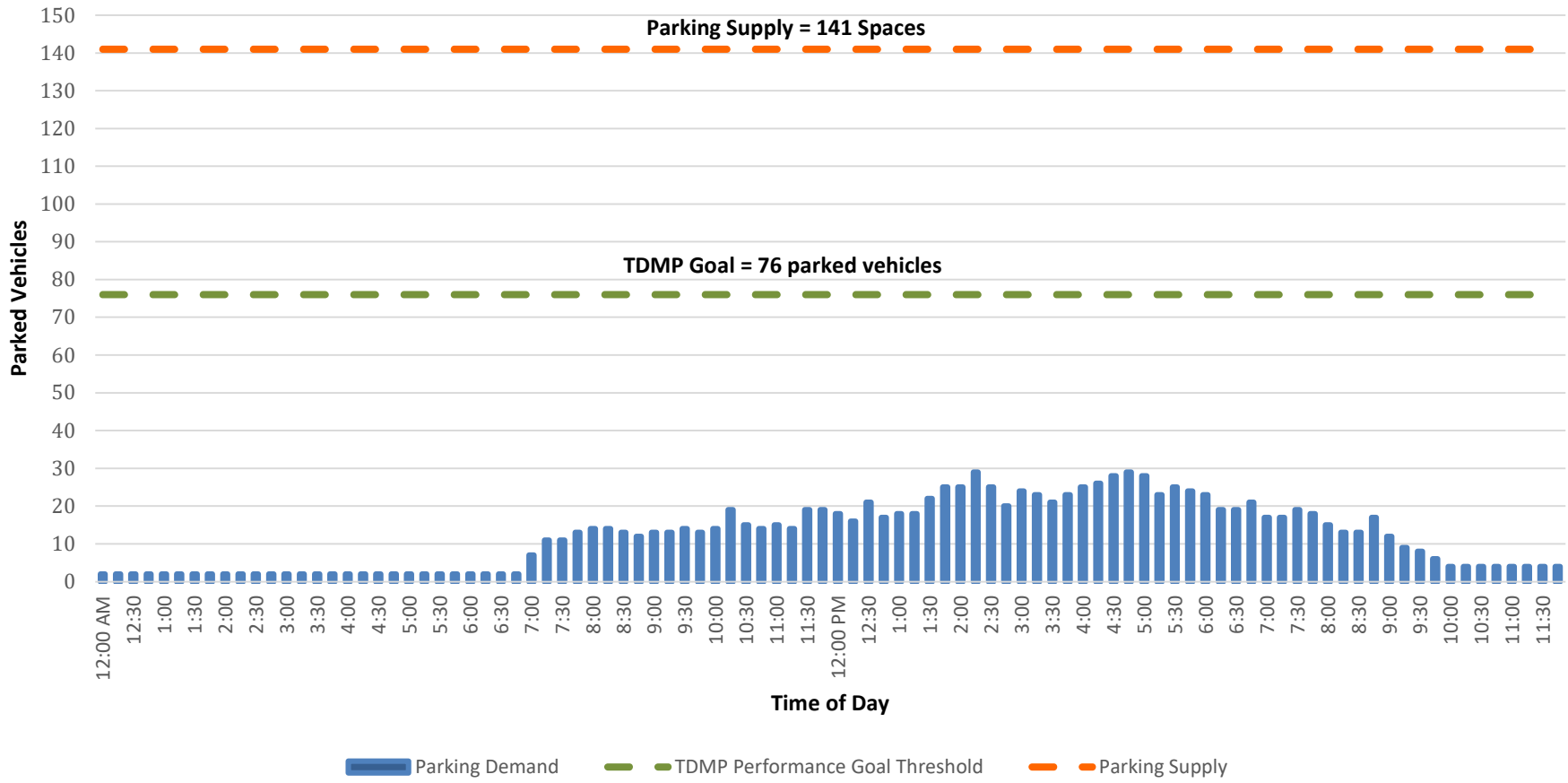
- Average number of weekday morning peak hour vehicle trips must be less than 114 trips (up to 25 percent higher than the TDMP goal of 91 trips).
- Average number of weekday evening peak hour vehicle trips must be less than 176 trips (up to 25 percent higher than the TDMP goal of 141 trips).
- Average number of Saturday peak hour vehicle trips must be less than 224 trips (up to 25 percent higher than the TDMP goal of 179 trips).

### Parking

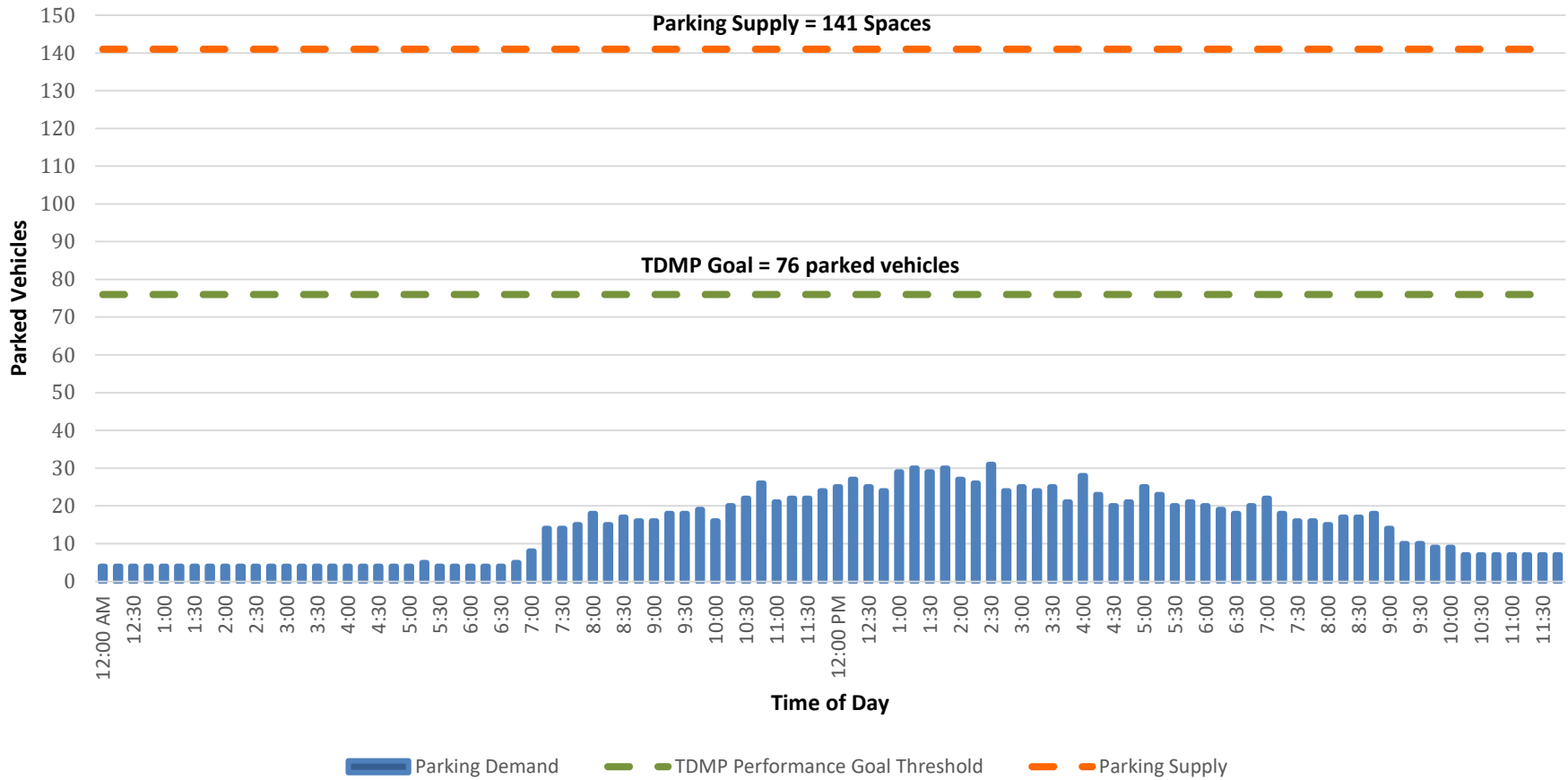
- No more than 12 observations of 84 or more vehicles parked or circulating on site (up to 10 percent higher than the TDMP goal of 76 parked vehicles) over the weekday survey.
- No more than six observations of 74 or more vehicles parked or circulating on site (up to 10 percent higher than the TDMP goal of 67 parked vehicles) over the Saturday survey.

As stated in the TDMP and as required as a condition of approval of the project, failure to meet any of these performance standards would require remedial action and a follow-up study, and possible future remedial actions.

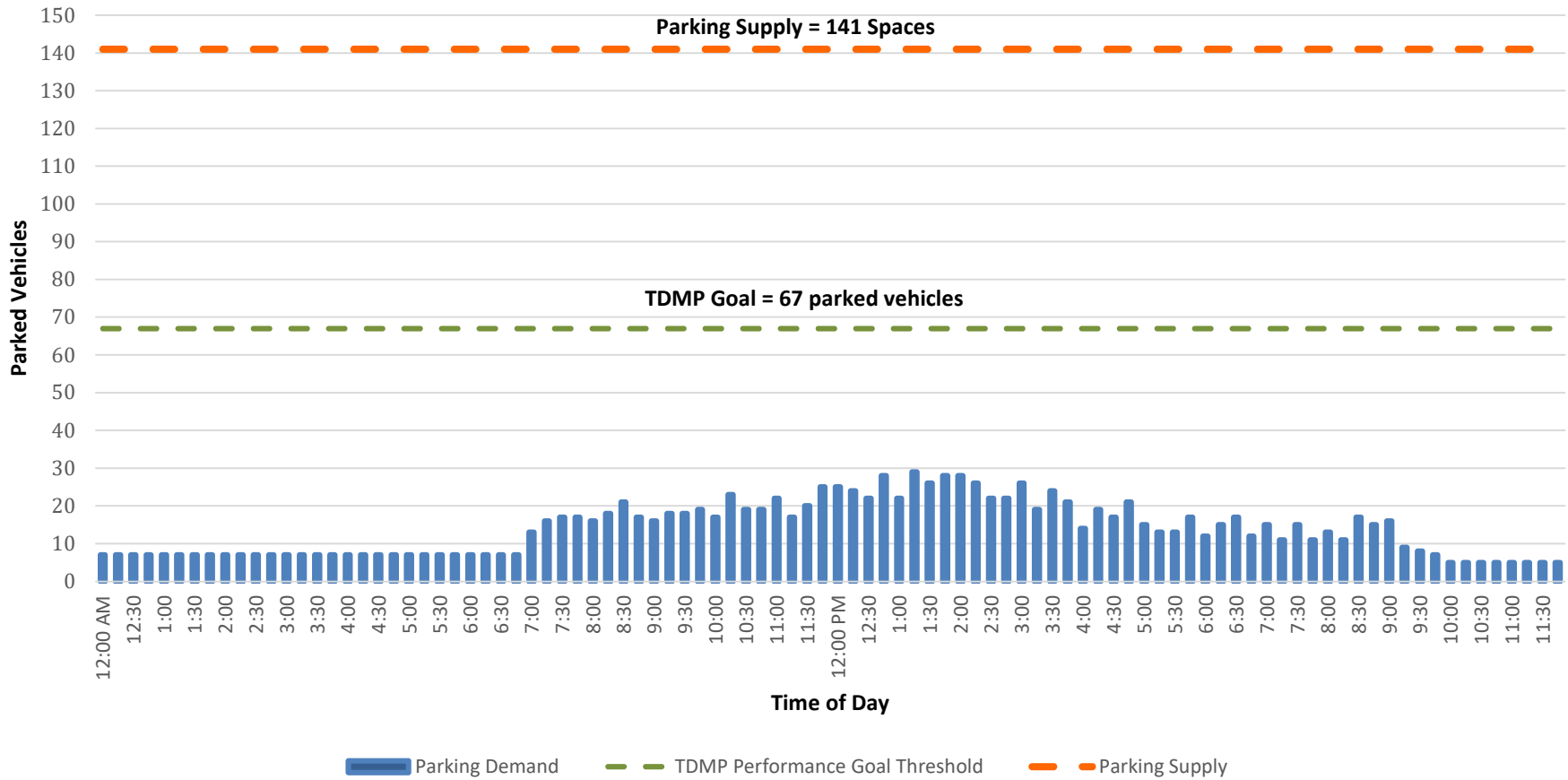
**Chart 2**  
**NETA Parking Accumulation**  
**162 Grove Street**  
**Thursday, February 9, 2023**



**Chart 3**  
**NETA Parking Accumulation**  
**162 Grove Street**  
**Friday, February 10, 2023**



**Chart 4**  
**NETA Parking Accumulation**  
**162 Grove Street**  
**Saturday, February 11, 2023**





## Monitoring Program Summary

The data collected during the post-opening monitoring program was compared to the above performance goals to determine if remedial actions and a follow-up study would be required. Findings are summarized below in Table 2.

**Table 2 Performance Measures**

Performance Measure	Units	TDMP Goal	TDMP Max Threshold	Observed	TDMP Goal Met?
Weekday Morning Peak Hour Trip Generation	Vehicle Trips	< 91	114	26	Yes
Weekday Evening Peak Hour Trip Generation	Vehicle Trips	< 141	176	90	Yes
Saturday Peak Hour Trip Generation	Vehicle Trips	< 179	224	98	Yes
Weekday Parking Demand	Parked Vehicles	≤ 76	84	31	Yes
Saturday Parking Demand	Parked Vehicles	≤ 67	74	29	Yes

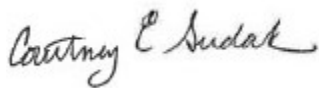
As shown, none of the observed conditions exceeded any of the performance measures, so no remedial action is required.

## Conclusion

Based on the traffic and parking data collected as part of the 15-month monitoring program, the NETA facility at 162 Grove Street is generating even less vehicular traffic and parking demand than initially projected and did not exceed any of the TDMP performance standards established for the project. Consequently, remedial actions or further study is not warranted at this time. This is consistent with the results of the three-month post-opening traffic monitoring conducted in 2022. Since the site continues to meet the goals outlined in the TDMP, no further traffic monitoring is warranted.

We trust that this letter will prove useful to the Town of Franklin's review of the NETA site's performance with respect to transportation goals established in the TDMP. Please do not hesitate to contact us if you have any questions or need additional information.

Sincerely,



Courtney E. Sudak, PE

**Attachment A**  
**Traffic Count Data**

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



PRECISION  
 D A T A  
 INDUSTRIES, LLC

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

PDI File # 239152 ATR-A

Count Date: Thursday, February 9, 2023  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0	12:00 PM	7	0	0	7
12:15 AM	0	0	0	0	12:15 PM	10	0	0	10
12:30 AM	0	0	0	0	12:30 PM	4	0	0	4
12:45 AM	0	0	0	0	12:45 PM	9	0	0	9
1:00 AM	0	0	0	0	1:00 PM	6	0	0	6
1:15 AM	0	0	0	0	1:15 PM	6	0	0	6
1:30 AM	0	0	0	0	1:30 PM	7	0	0	7
1:45 AM	0	0	0	0	1:45 PM	3	0	0	3
2:00 AM	0	0	0	0	2:00 PM	8	0	0	8
2:15 AM	0	0	0	0	2:15 PM	4	0	0	4
2:30 AM	0	0	0	0	2:30 PM	1	0	0	1
2:45 AM	0	0	0	0	2:45 PM	6	0	0	6
3:00 AM	0	0	0	0	3:00 PM	8	0	0	8
3:15 AM	0	0	0	0	3:15 PM	5	0	0	5
3:30 AM	0	0	0	0	3:30 PM	9	0	0	9
3:45 AM	0	0	0	0	3:45 PM	9	0	0	9
4:00 AM	0	0	0	0	4:00 PM	10	0	0	10
4:15 AM	0	0	0	0	4:15 PM	12	0	0	12
4:30 AM	0	0	0	0	4:30 PM	10	0	0	10
4:45 AM	0	0	0	0	4:45 PM	12	0	0	12
5:00 AM	0	0	0	0	5:00 PM	4	0	0	4
5:15 AM	0	0	0	0	5:15 PM	11	0	0	11
5:30 AM	0	0	0	0	5:30 PM	10	0	0	10
5:45 AM	0	0	0	0	5:45 PM	9	0	0	9
6:00 AM	0	0	0	0	6:00 PM	4	0	0	4
6:15 AM	0	0	0	0	6:15 PM	4	0	0	4
6:30 AM	0	0	0	0	6:30 PM	9	0	0	9
6:45 AM	5	0	0	5	6:45 PM	4	0	0	4
7:00 AM	4	0	0	4	7:00 PM	7	0	0	7
7:15 AM	0	0	0	0	7:15 PM	4	0	0	4
7:30 AM	2	0	0	2	7:30 PM	2	0	0	2
7:45 AM	0	1	0	1	7:45 PM	3	0	0	3
8:00 AM	2	0	0	2	8:00 PM	1	0	0	1
8:15 AM	0	0	0	0	8:15 PM	3	0	0	3
8:30 AM	2	0	0	2	8:30 PM	6	0	0	6
8:45 AM	2	0	0	2	8:45 PM	1	0	0	1
9:00 AM	2	0	0	2	9:00 PM	1	0	0	1
9:15 AM	3	0	0	3	9:15 PM	0	0	0	0
9:30 AM	0	0	0	0	9:30 PM	0	0	0	0
9:45 AM	4	0	0	4	9:45 PM	0	0	0	0
10:00 AM	8	0	0	8	10:00 PM	0	0	0	0
10:15 AM	3	0	0	3	10:15 PM	0	0	0	0
10:30 AM	3	0	0	3	10:30 PM	0	0	0	0
10:45 AM	5	0	0	5	10:45 PM	0	0	0	0
11:00 AM	1	1	0	2	11:00 PM	0	0	0	0
11:15 AM	8	1	0	9	11:15 PM	0	0	0	0
11:30 AM	8	0	0	8	11:30 PM	0	0	0	0
11:45 AM	6	0	0	6	11:45 PM	0	0	0	0

AM Total	68	3	0	71	PM Total	229	0	0	229
Percentage	95.77%	4.23%	0.00%		Percentage	100.00%	0.00%	0.00%	
AM Peak	11:00 AM	10:30 AM	12:00 AM	11:00 AM	PM Peak	4:00 PM	12:00 PM	12:00 PM	4:00 PM
Volume	23	2	0	25	Volume	44	0	0	44
					Day Total	297	3	0	300
					Percentage	99.00%	1.00%	0.00%	

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



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

PDI File # 239152 ATR-A

Count Date: Friday, February 10, 2023  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	1	1
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	0	0	0	0
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	1	0	0	1
6:45 AM	3	0	0	3
7:00 AM	6	0	0	6
7:15 AM	0	0	0	0
7:30 AM	1	0	0	1
7:45 AM	4	0	0	4
8:00 AM	1	0	0	1
8:15 AM	4	0	0	4
8:30 AM	2	0	0	2
8:45 AM	5	0	0	5
9:00 AM	5	0	0	5
9:15 AM	6	0	0	6
9:30 AM	8	0	0	8
9:45 AM	0	0	0	0
10:00 AM	6	1	0	7
10:15 AM	6	0	0	6
10:30 AM	9	0	0	9
10:45 AM	5	0	0	5
11:00 AM	4	0	0	4
11:15 AM	3	0	0	3
11:30 AM	7	0	0	7
11:45 AM	6	0	0	6

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	9	0	0	9
12:15 PM	10	0	0	10
12:30 PM	7	0	0	7
12:45 PM	12	0	0	12
1:00 PM	9	0	0	9
1:15 PM	10	0	0	10
1:30 PM	8	0	0	8
1:45 PM	4	0	0	4
2:00 PM	14	0	0	14
2:15 PM	12	0	0	12
2:30 PM	4	0	0	4
2:45 PM	3	0	0	3
3:00 PM	8	0	0	8
3:15 PM	8	0	0	8
3:30 PM	4	0	0	4
3:45 PM	14	0	0	14
4:00 PM	8	0	0	8
4:15 PM	6	0	0	6
4:30 PM	9	0	0	9
4:45 PM	11	1	0	12
5:00 PM	11	0	0	11
5:15 PM	7	0	0	7
5:30 PM	15	0	0	15
5:45 PM	9	0	0	9
6:00 PM	9	0	0	9
6:15 PM	6	0	0	6
6:30 PM	10	0	0	10
6:45 PM	9	0	0	9
7:00 PM	11	0	0	11
7:15 PM	5	0	0	5
7:30 PM	7	0	0	7
7:45 PM	4	0	0	4
8:00 PM	4	0	0	4
8:15 PM	6	0	0	6
8:30 PM	5	0	0	5
8:45 PM	3	0	0	3
9:00 PM	1	0	0	1
9:15 PM	0	0	0	0
9:30 PM	0	0	0	0
9:45 PM	0	0	0	0
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 92 1 1 94  
 Percentage 97.87% 1.06% 1.06%  
 AM Peak 10:00 AM 9:15 AM 4:15 AM 10:00 AM  
 Volume 26 1 1 27

PM Total 292 1 0 293  
 Percentage 99.66% 0.34% 0.00%  
 PM Peak 4:45 PM 4:00 PM 12:00 PM 4:45 PM  
 Volume 44 1 0 45

Day Total 384 2 1 387  
 Percentage 99.22% 0.52% 0.26%

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



PRECISION  
 DATA  
 INDUSTRIES, LLC

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

PDI File # 239152 ATR-A

Count Date: Saturday, February 11, 2023  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	0	0	0	0
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	6	0	0	6
7:00 AM	3	0	0	3
7:15 AM	1	0	0	1
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	5	0	0	5
8:15 AM	7	0	0	7
8:30 AM	3	0	0	3
8:45 AM	0	0	0	0
9:00 AM	5	0	0	5
9:15 AM	5	0	0	5
9:30 AM	4	0	0	4
9:45 AM	1	0	0	1
10:00 AM	8	0	0	8
10:15 AM	5	0	0	5
10:30 AM	7	0	0	7
10:45 AM	9	0	0	9
11:00 AM	2	0	0	2
11:15 AM	5	0	0	5
11:30 AM	8	0	0	8
11:45 AM	10	0	0	10

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	6	0	0	6
12:15 PM	7	0	0	7
12:30 PM	17	0	0	17
12:45 PM	10	0	0	10
1:00 PM	14	0	0	14
1:15 PM	9	0	0	9
1:30 PM	16	0	0	16
1:45 PM	9	0	0	9
2:00 PM	7	0	0	7
2:15 PM	5	0	0	5
2:30 PM	9	0	0	9
2:45 PM	10	0	0	10
3:00 PM	8	0	0	8
3:15 PM	12	0	0	12
3:30 PM	8	0	0	8
3:45 PM	6	0	0	6
4:00 PM	10	0	0	10
4:15 PM	6	0	0	6
4:30 PM	10	0	0	10
4:45 PM	4	0	0	4
5:00 PM	7	0	0	7
5:15 PM	4	0	0	4
5:30 PM	11	0	0	11
5:45 PM	2	0	0	2
6:00 PM	6	0	0	6
6:15 PM	9	0	0	9
6:30 PM	5	0	0	5
6:45 PM	10	0	0	10
7:00 PM	2	0	0	2
7:15 PM	6	0	0	6
7:30 PM	2	0	0	2
7:45 PM	3	0	0	3
8:00 PM	3	0	0	3
8:15 PM	8	0	0	8
8:30 PM	5	0	0	5
8:45 PM	6	0	0	6
9:00 PM	0	0	0	0
9:15 PM	0	0	0	0
9:30 PM	0	0	0	0
9:45 PM	0	0	0	0
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 94 0 0 94  
 Percentage 100.00% 0.00% 0.00%  
 AM Peak 10:00 AM 12:00 AM 12:00 AM 10:00 AM  
 Volume 29 0 0 29

PM Total 272 0 0 272  
 Percentage 100.00% 0.00% 0.00%  
 PM Peak 12:30 PM 12:00 PM 12:00 PM 12:30 PM  
 Volume 50 0 0 50

Day Total 366 0 0 366  
 Percentage 100.00% 0.00% 0.00%

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



PRECISION  
 D A T A  
 INDUSTRIES, LLC

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

PDI File # 239152 ATR-A

Count Date: Thursday, February 9, 2023  
 Direction: WB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	0	0	0	0
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	0	0	0	0
8:00 AM	1	1	0	2
8:15 AM	1	0	0	1
8:30 AM	3	0	0	3
8:45 AM	1	0	0	1
9:00 AM	2	0	0	2
9:15 AM	2	0	0	2
9:30 AM	1	0	0	1
9:45 AM	3	0	0	3
10:00 AM	3	0	0	3
10:15 AM	7	0	0	7
10:30 AM	4	0	0	4
10:45 AM	4	0	0	4
11:00 AM	3	0	0	3
11:15 AM	3	1	0	4
11:30 AM	7	1	0	8
11:45 AM	7	0	0	7

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	9	0	0	9
12:15 PM	5	0	0	5
12:30 PM	8	0	0	8
12:45 PM	8	0	0	8
1:00 PM	6	0	0	6
1:15 PM	2	0	0	2
1:30 PM	4	0	0	4
1:45 PM	3	0	0	3
2:00 PM	4	0	0	4
2:15 PM	8	0	0	8
2:30 PM	6	0	0	6
2:45 PM	2	0	0	2
3:00 PM	9	0	0	9
3:15 PM	7	0	0	7
3:30 PM	7	0	0	7
3:45 PM	7	0	0	7
4:00 PM	9	0	0	9
4:15 PM	10	0	0	10
4:30 PM	9	0	0	9
4:45 PM	13	0	0	13
5:00 PM	9	0	0	9
5:15 PM	9	0	0	9
5:30 PM	11	0	0	11
5:45 PM	10	0	0	10
6:00 PM	8	0	0	8
6:15 PM	4	0	0	4
6:30 PM	7	0	0	7
6:45 PM	8	0	0	8
7:00 PM	7	0	0	7
7:15 PM	2	0	0	2
7:30 PM	3	0	0	3
7:45 PM	6	0	0	6
8:00 PM	3	0	0	3
8:15 PM	3	0	0	3
8:30 PM	2	0	0	2
8:45 PM	6	0	0	6
9:00 PM	4	0	0	4
9:15 PM	1	0	0	1
9:30 PM	2	0	0	2
9:45 PM	2	0	0	2
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 52 3 0 55  
 Percentage 94.55% 5.45% 0.00%  
 AM Peak 11:00 AM 10:45 AM 12:00 AM 11:00 AM  
 Volume 20 2 0 22

PM Total 243 0 0 243  
 Percentage 100.00% 0.00% 0.00%  
 PM Peak 4:45 PM 12:00 PM 12:00 PM 4:45 PM  
 Volume 42 0 0 42

Day Total 295 3 0 298  
 Percentage 98.99% 1.01% 0.00%

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



PDI File # 239152 ATR-A

Count Date: Friday, February 10, 2023  
 Direction: WB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0	12:00 PM	7	0	0	7
12:15 AM	0	0	0	0	12:15 PM	12	0	0	12
12:30 AM	0	0	0	0	12:30 PM	8	0	0	8
12:45 AM	0	0	0	0	12:45 PM	7	0	0	7
1:00 AM	0	0	0	0	1:00 PM	8	0	0	8
1:15 AM	0	0	0	0	1:15 PM	11	0	0	11
1:30 AM	0	0	0	0	1:30 PM	7	0	0	7
1:45 AM	0	0	0	0	1:45 PM	7	0	0	7
2:00 AM	0	0	0	0	2:00 PM	15	0	0	15
2:15 AM	0	0	0	0	2:15 PM	7	0	0	7
2:30 AM	0	0	0	0	2:30 PM	11	0	0	11
2:45 AM	0	0	0	0	2:45 PM	2	0	0	2
3:00 AM	0	0	0	0	3:00 PM	9	0	0	9
3:15 AM	0	0	0	0	3:15 PM	7	0	0	7
3:30 AM	0	0	0	0	3:30 PM	8	0	0	8
3:45 AM	0	0	0	0	3:45 PM	7	0	0	7
4:00 AM	0	0	0	0	4:00 PM	13	0	0	13
4:15 AM	0	0	0	0	4:15 PM	9	0	0	9
4:30 AM	0	0	0	0	4:30 PM	8	0	0	8
4:45 AM	0	0	0	0	4:45 PM	7	0	1	8
5:00 AM	0	0	0	0	5:00 PM	13	0	0	13
5:15 AM	0	0	1	1	5:15 PM	10	0	0	10
5:30 AM	0	0	0	0	5:30 PM	14	0	0	14
5:45 AM	0	0	0	0	5:45 PM	10	0	0	10
6:00 AM	0	0	0	0	6:00 PM	9	1	0	10
6:15 AM	0	0	0	0	6:15 PM	7	0	0	7
6:30 AM	0	0	0	0	6:30 PM	8	0	0	8
6:45 AM	0	0	0	0	6:45 PM	7	0	0	7
7:00 AM	0	0	0	0	7:00 PM	15	0	0	15
7:15 AM	0	0	0	0	7:15 PM	7	0	0	7
7:30 AM	0	0	0	0	7:30 PM	7	0	0	7
7:45 AM	1	0	0	1	7:45 PM	5	0	0	5
8:00 AM	4	0	0	4	8:00 PM	2	0	0	2
8:15 AM	2	0	0	2	8:15 PM	6	0	0	6
8:30 AM	3	0	0	3	8:30 PM	4	0	0	4
8:45 AM	5	0	0	5	8:45 PM	7	0	0	7
9:00 AM	3	0	0	3	9:00 PM	5	0	0	5
9:15 AM	6	0	0	6	9:15 PM	0	0	0	0
9:30 AM	7	0	0	7	9:30 PM	1	0	0	1
9:45 AM	3	0	0	3	9:45 PM	0	0	0	0
10:00 AM	3	0	0	3	10:00 PM	2	0	0	2
10:15 AM	3	1	0	4	10:15 PM	0	0	0	0
10:30 AM	5	0	0	5	10:30 PM	0	0	0	0
10:45 AM	10	0	0	10	10:45 PM	0	0	0	0
11:00 AM	3	0	0	3	11:00 PM	0	0	0	0
11:15 AM	3	0	0	3	11:15 PM	0	0	0	0
11:30 AM	5	0	0	5	11:30 PM	0	0	0	0
11:45 AM	5	0	0	5	11:45 PM	0	0	0	0

AM Total 71 1 1 73  
 Percentage 97.26% 1.37% 1.37%  
 AM Peak 8:45 AM 9:30 AM 4:30 AM 10:00 AM  
 Volume 21 1 1 22

PM Total 309 1 1 311  
 Percentage 99.36% 0.32% 0.32%  
 PM Peak 5:00 PM 5:15 PM 4:00 PM 5:00 PM  
 Volume 47 1 1 47

Day Total 380 2 2 384  
 Percentage 98.96% 0.52% 0.52%

#162 NETA Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ C. Sudak  
 Site Code: TBA



PRECISION  
 D A T A  
 INDUSTRIES, LLC

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

PDI File # 239152 ATR-A

Count Date: Saturday, February 11, 2023  
 Direction: WB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	0	0	0	0
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	1	0	0	1
8:00 AM	3	0	0	3
8:15 AM	4	0	0	4
8:30 AM	7	0	0	7
8:45 AM	1	0	0	1
9:00 AM	3	0	0	3
9:15 AM	5	0	0	5
9:30 AM	3	0	0	3
9:45 AM	3	0	0	3
10:00 AM	2	0	0	2
10:15 AM	9	0	0	9
10:30 AM	7	0	0	7
10:45 AM	6	0	0	6
11:00 AM	7	0	0	7
11:15 AM	2	0	0	2
11:30 AM	3	0	0	3
11:45 AM	10	0	0	10

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	7	0	0	7
12:15 PM	9	0	0	9
12:30 PM	10	1	0	11
12:45 PM	16	0	0	16
1:00 PM	7	0	0	7
1:15 PM	12	0	0	12
1:30 PM	14	0	0	14
1:45 PM	9	0	0	9
2:00 PM	9	0	0	9
2:15 PM	9	0	0	9
2:30 PM	9	0	0	9
2:45 PM	6	0	0	6
3:00 PM	15	0	0	15
3:15 PM	7	0	0	7
3:30 PM	11	0	0	11
3:45 PM	13	0	0	13
4:00 PM	5	0	0	5
4:15 PM	8	0	0	8
4:30 PM	6	0	0	6
4:45 PM	10	0	0	10
5:00 PM	9	0	0	9
5:15 PM	4	0	0	4
5:30 PM	7	0	0	7
5:45 PM	7	0	0	7
6:00 PM	3	0	0	3
6:15 PM	7	0	0	7
6:30 PM	10	0	0	10
6:45 PM	7	0	0	7
7:00 PM	6	0	0	6
7:15 PM	2	0	0	2
7:30 PM	6	0	0	6
7:45 PM	1	0	0	1
8:00 PM	5	0	0	5
8:15 PM	2	0	0	2
8:30 PM	7	0	0	7
8:45 PM	5	0	0	5
9:00 PM	7	0	0	7
9:15 PM	1	0	0	1
9:30 PM	1	0	0	1
9:45 PM	2	0	0	2
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 76 0 0 76  
 Percentage 100.00% 0.00% 0.00%  
 AM Peak 10:15 AM 12:00 AM 12:00 AM 10:15 AM  
 Volume 29 0 0 29

PM Total 291 1 0 292  
 Percentage 99.66% 0.34% 0.00%  
 PM Peak 12:45 PM 12:00 PM 12:00 PM 12:45 PM  
 Volume 49 1 0 49

Day Total 367 1 0 368  
 Percentage 99.73% 0.27% 0.00%









**Attachment B**  
**Parking Count Data**

NETA Parking Lot  
 162 Grove Street  
 City, State: Franklin, MA  
 Tetra Tech

Time	# Parked Vehicles		
	Thursday 2/9/2023 Parking Demand	Friday 2/10/23 Parking Demand	Saturday 2/11/23 Parking Demand
2:00 AM	2	4	7
12:15	2	4	7
12:30	2	4	7
12:45	2	4	7
1:00	2	4	7
1:15	2	4	7
1:30	2	4	7
1:45	2	4	7
2:00	2	4	7
2:15	2	4	7
2:30	2	4	7
2:45	2	4	7
3:00	2	4	7
3:15	2	4	7
3:30	2	4	7
3:45	2	4	7
4:00	2	4	7
4:15	2	4	7
4:30	2	4	7
4:45	2	4	7
5:00	2	4	7
5:15	2	5	7
5:30	2	4	7
5:45	2	4	7
6:00	2	4	7
6:15	2	4	7
6:30	2	4	7
6:45	2	5	7
7:00	7	8	13
7:15	11	14	16
7:30	11	14	17
7:45	13	15	17
8:00	14	18	16
8:15	14	15	18
8:30	13	17	21
8:45	12	16	17
9:00	13	16	16
9:15	13	18	18
9:30	14	18	18
9:45	13	19	19
10:00	14	16	17
10:15	19	20	23
10:30	15	22	19
10:45	14	26	19
11:00	15	21	22
11:15	14	22	17
11:30	19	22	20
11:45	19	24	25
2:00 PM	18	25	25
12:15	16	27	24
12:30	21	25	22
12:45	17	24	28
1:00	18	29	22
1:15	18	30	29
1:30	22	29	26
1:45	25	30	28
2:00	25	27	28
2:15	29	26	26
2:30	25	31	22
2:45	20	24	22
3:00	24	25	26
3:15	23	24	19
3:30	21	25	24
3:45	23	21	21
4:00	25	28	14
4:15	26	23	19
4:30	28	20	17
4:45	29	21	21
5:00	28	25	15
5:15	23	23	13
5:30	25	20	13
5:45	24	21	17
6:00	23	20	12
6:15	19	19	15
6:30	19	18	17
6:45	21	20	12
7:00	17	22	15
7:15	17	18	11
7:30	19	16	15
7:45	18	16	11
8:00	15	15	13
8:15	13	17	11
8:30	13	17	17
8:45	17	18	15
9:00	12	14	16
9:15	9	10	9
9:30	8	10	8
9:45	6	9	7
10:00	4	9	5
10:15	4	7	5
10:30	4	7	5
10:45	4	7	5
11:00	4	7	5
11:15	4	7	5
11:30	4	7	5
11:45	4	7	5

**Attachment C**

**TDMP**



## **Transportation Demand Management Plan**

**New England Treatment Access  
162 Grove Street  
Franklin, Massachusetts**

**Revised December 29, 2021**

### *Purpose*

The purpose of this revised Transportation Demand Management Plan (TDMP) is to minimize vehicle trips associated with the newly opened New England Treatment Access (NETA) co-located medical and adult use marijuana dispensary located at 162 Grove Street. This TDMP defines transportation-related performance goals for the project and describes measures that NETA will implement as part of the project to meet these goals. The TDMP includes a traffic monitoring program that describes how the performance goals will be measured. Remedial actions to be taken by NETA should the project fail to meet its performance goals are also identified. The plan outlines an iterative process of implementing management strategies, measuring results, and proposing new strategies, as warranted, that NETA will undertake to meet the transportation performance goals.

### *Project Description*

The project involves the redevelopment of the former Doering Equipment Company, located at 162 Grove Street in Franklin, Massachusetts. The project site had previously supported the former commercial vehicle design and fabrication facility. The project site formerly included a house and a 9,640 square foot (sf) rear warehouse previously used to accommodate the Doering Equipment operations. The dispensary project called for the reuse of the existing buildings with a 2,583 sf infill expansion for a total of 16,087 square feet (including 3,856 sf of retail space, 4,647 sf of office space, and 7,584 sf of warehouse space related to the sale of medical and adult-use marijuana products).

Access to the site is provided by reuse of the former driveway located on the east side of Grove Street, approximately 160 feet south of the Grove Street Business Park. The anticipated parking demands associated with the proposed project will be accommodated by 141 on-site parking spaces.

The current hours of operation for the dispensary are 8:00 AM to 9:00 PM, Monday through Saturday and 9:00 AM to 9:00 PM on Sunday.

### *Transportation Demand Management Plan*

NETA seeks to limit the number of vehicle trips generated to and from the project site while still providing an appropriate level of service and convenience for patrons. Independent of the environmental and health benefits associated with travel by alternative modes, limiting the number of vehicle trips generated will help ensure that:

- Potential project-related impacts on area traffic operations and traffic safety are reduced; and
- The 141 parking spaces at the site adequately serve employees and patrons.

NETA is committed to limiting vehicle trip generation associated with the project by:

- Communicating with clients regarding transportation options using "Traveling to NETA" guides, a website, signage, and other methods;
- Designating a transportation coordinator for the site who will be responsible for promoting the use of alternative travel modes, communicating with the Town on transportation matters, and implementing this TDMP;
- Providing preferential parking for employees and customers who carpool to the site;
- Providing incentives for employees to use public transportation, including but not limited to, a 100 percent subsidy for employee transit passes and 100 percent parking subsidy at MBTA lots to encourage the use of public transportation; and,
- Offering a guaranteed ride home under unexpected emergency conditions to employees who choose not to drive to work.

NETA has already implemented some of the above strategies at their other existing facilities, which have proven to be extremely effective in minimizing site generated traffic.

### *Performance Goals*

Performance goals for the facility from a transportation perspective relate to vehicle trip generation and parking demand. The traffic performance goals are based on forecasts prepared for the project in the latest trip generation letter, dated December 29, 2021. The parking performance goals are based on the previous parking demands, noted in the August 14, 2020 Traffic Impact Summary. Traffic forecasts and goals for the project include:

- 91 total vehicle trips generated to or from the site during the weekday morning peak hour;
- 141 total vehicle trips generated to or from the site during the weekday evening peak hour;
- 179 total vehicle trips generated to or from the site during the Saturday afternoon peak hour;
- Peak parking demand of 76 vehicles on a weekday; and,
- Peak parking demand of 67 vehicles on a Saturday.

The August 2020 traffic summary letter indicates that upon achieving these goals the project will have a nominal impact on area traffic operations and the proposed 141-space on-site parking lot will be more than sufficient to accommodate the anticipated parking demand. The December 2021 trip generation



letter indicates that the revised trip generation with the removal of the Reserve Ahead only restriction will not have a noticeable impact on area operations, as compared to the previously approved project with the restriction.

### *Performance Monitoring*

The performance of the facility from a transportation perspective will be monitored periodically to determine if the above referenced goals are being met. Monitoring will be conducted by a qualified transportation engineering consultant and will include the following:

- A count of vehicles entering and exiting the site by 15-minute intervals; and
- A count of the number of vehicles parked or circulating on site at 15-minute intervals.

The count program will be conducted on two typical weekdays and a Saturday, from 15 minutes prior to opening until 15 minutes after closing, on dates to be approved by the Town in advance of the study. The study data and findings will be presented in a letter report to be submitted to the Town within 30 days of completing the study. In the event that the project is found to not be meeting the performance goals, the study shall describe additional remedial actions to be taken to meet the goals as described in greater detail below.

The first traffic monitoring study will be conducted three months after opening of the business. A follow-up monitoring program is scheduled to be conducted a year later, approximately 15 months following the opening of the business.

In addition to the traffic monitoring, the following information will be submitted to the Town on an annual basis:

- Number of annual on-site transactions (an indication of the number of client visits);
- Number of annual off-site transactions (deliveries);
- Number of monthly MBTA passes purchased or subsidized for employees.

The site's transportation coordinator will be responsible for submitting this information to the Town. The current transportation coordinator's name and contact information are provided below. The Town will be notified within 30 days of any change in the site's transportation coordinator.

Mimi Herrick  
Director, Inventory Management & Distribution  
NETA  
Phone: (413) 433-5773  
Email: [mherrick@netacare.org](mailto:mherrick@netacare.org)

### *Remedial Actions*

If any subsequent monitoring study indicates that the performance goals are not being met, NETA will take additional remedial actions, as needed, to manage site traffic and parking conditions. The transportation related thresholds requiring further action include:

- The average number of vehicle trips generated during the adjacent street AM and PM commuter peak hours exceeds the stated goal by more than 25 percent;
- The average number of vehicle trips generated during the Saturday PM peak hour exceeds the stated goal by more than 25 percent; and,
- The number of patron vehicles parked or circulating on the site exceeds the stated goal by more than ten percent for more than ten percent of the time (84 or more cars are observed or reported for at least 12 of the 118 “15-minute” observations made over the two-day weekday observations or 74 or more cars are observed for at least six of the 59 “15-minute” Saturday observations).

Additional actions that may be implemented if the performance criteria are not met may include but are not limited to:

- Developing additional incentives to encourage customers patients to use public transportation or carpool; and
- Conversion back to a reserve ahead only operation, limiting the number of pick up times.

If required, the additional remedial actions will be implemented within 30 days of submittal of the traffic monitoring report to the Town that indicated that one or more performance measures were not met. A follow-up traffic study will be completed and submitted to the Town within 60 days of implementing the remedial actions. If the follow-up study indicates that the remedial measures have been effective and that none of the above triggers are met, then a second follow-up study will be conducted approximately six months following completion of the first follow-up study. Should the second follow-up study indicate that none of the above triggers are met then this will be the last study prepared until such time that any significant change in the use or operation of the site is proposed.

March 23, 2022

Ms. Lauren Burm  
Senior Director of External Affairs  
Parallel/NETA  
5 Forge Parkway  
Franklin, MA 02038

**Re: 3-Month Monitoring  
162 Grove Street  
Franklin, Massachusetts**

Dear Lauren:

Tetra Tech has completed the three-month post opening traffic monitoring study for the NETA site located at 162 Grove Street in Franklin, Massachusetts. The monitoring program is required by the Town of Franklin as a condition of approval for the project. The monitoring study evaluates the site's performance with respect to transportation goals established in the Transportation Demand Management Plan (TDMP) for the project.

### **Project Description**

The project site is comprised of a 16,087 square foot (sf) building, including 3,856 sf of retail space, 4,647 sf of office space, and 7,584 sf of warehouse space related to the sale of medical and adult-use marijuana products. A total of 141 parking spaces, including five handicap accessible spaces support the project. The dispensary is open from 8:00 AM to 9:00 PM Monday through Saturday and 9:00 AM to 9:00 PM on Sunday.

The project had received initial Town approval on October 20, 2020, with a Special Condition to "operate as a Reserve Ahead only dispensary." The facility opened for business on Saturday, November 27, 2021. Tetra Tech prepared a trip generation letter, dated December 29, 2021, supporting the removal of the Reserve Ahead only condition based on count data collected at the facility a few weeks after opening. The Reserve Ahead only special condition was reviewed after 30 days of opening and was removed based on traffic count data which indicated that the site was generating significantly fewer trips than originally projected. As part of the December 29, 2021 trip generation letter, a new TDMP was submitted.

### **TDMP Performance Goals**

As part of the project's TDMP, transportation performance goals were established with respect to vehicle trip generation and parking demand. The performance goals were developed based on anticipated customer demands identified in the December 29, 2021 trip generation letter. Traffic and parking goals for the project include:

- 91 vehicle trips generated to or from the site during the weekday morning peak hour;
- 141 vehicle trips generated to or from the site during the weekday evening peak hour;
- 179 vehicle trips generated to or from the site during the Saturday afternoon peak hour;
- Peak parking demand of 76 vehicles on a weekday; and,
- Peak parking demand of 67 vehicles on a Saturday.

As stated in the TDMP, dated December 29, 2021, “the performance of the facility from a transportation perspective will be monitored periodically to determine if the above referenced goals are being met. Monitoring will be conducted by a qualified transportation consultant beginning 15 minutes before the facility opens and ending 15 minutes after the facility closes.” Traffic and parking data to be collected as part of the monitoring program includes:

- A count of vehicles entering and exiting the site by 15-minute intervals; and
- A count of the number of vehicles parked or circulating on site at 15-minute intervals.”

The monitoring program is to be conducted on two typical weekdays and a Saturday.

### Monitoring Program

To meet the requirements of the project’s TDMP, the site was monitored 15 minutes prior to opening (7:45 AM) to 15 minutes after closing (9:15 PM) on Thursday, March 3, Friday, March 4, and Saturday, March 5, 2022. These dates are approximately three months after the facility opened. Video cameras were set up to monitor traffic in and out of the site, as well as the parking area. Tetra Tech reviewed the video footage from the three-day count period and visited the site at other times to make independent observations of the site traffic operations.

### Traffic Counts

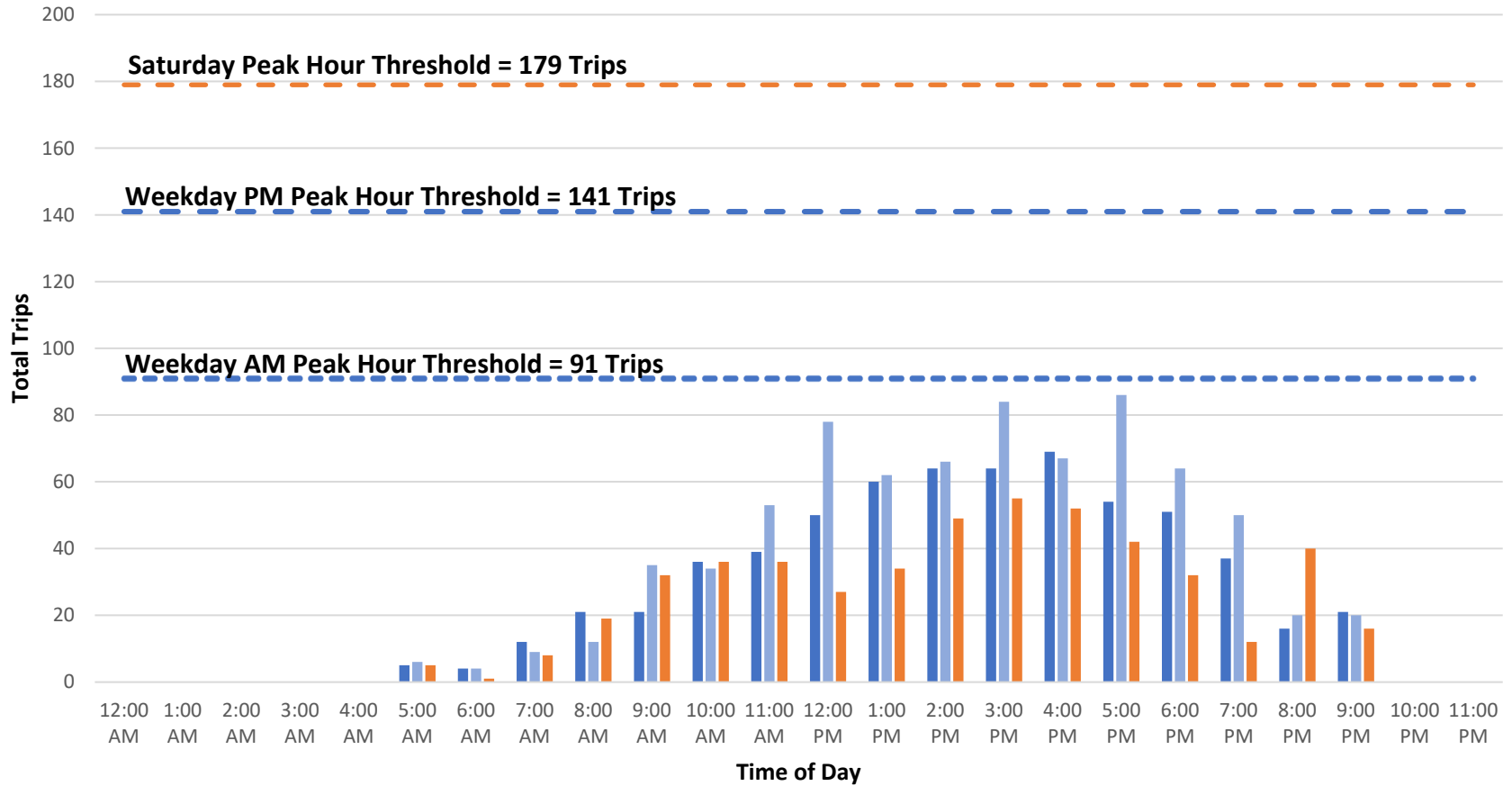
Automatic Traffic Recorder (ATR) counts were conducted at the site driveway to determine the total daily and peak hour site traffic volumes. On Thursday, March 3, 2022, the site generated approximately 624 vehicle trips (312 entering and 312 exiting), including 21 trips during the morning peak hour and 69 trips during the evening peak hour. On Friday, March 4, 2022, the site generated approximately 750 trips, including 12 trips during the morning peak hour and 86 trips during the evening peak hour. On Saturday, March 5, 2022, the site generated approximately 496 trips, including 19 during the morning peak hour and 52 trips during the evening peak hour. The traffic count data is summarized in Table 1.

**Table 1 Vehicle Trip Generation**

	<u>Thursday</u> <u>March 3, 2022</u>			<u>Friday</u> <u>March 4, 2022</u>			<u>Saturday</u> <u>March 5, 2022</u>		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
<b>Morning Peak Hour</b>	8:00-9:00 AM			8:00-9:00 AM			8:00-9:00 AM		
Vehicle Trips	12	9	21	7	5	12	10	9	19
<b>Afternoon Peak Hour</b>	4:00-5:00 PM			5:00-6:00 PM			4:00-5:00 PM		
Vehicle Trips	30	39	69	43	43	86	27	25	52
<b>Overall Peak Hour</b>	3:45-4:45 PM			3:30-4:30 PM			3:15-4:15 PM		
Vehicle Trips	34	48	82	41	46	87	30	29	59

The overall peak hour for the site occurred slightly earlier than the evening peak hours. As shown in Table 1, the site generated approximately 82 to 87 trips during weekday peak hours and 59 trips during the Saturday peak hour. The hourly trip generation for the site during the three days of monitoring is illustrated in Chart 1.

# Chart 1 NETA Trip Generation 162 Grove Street March 2022



Thursday, 3/3/22     
  Friday, 3/4/22     
  Saturday, 3/5/22  
 TDMP Goal - Weekday AM     
  TDMP Goal - Weekday PM     
  TDMP Goal - Saturday

As shown in Chart 1, all of the observations were below the TDMP goal thresholds. The highest weekday morning peak hour trip generation of 21 trips was well below the TDMP threshold of 91 trips. The highest weekday evening peak hour trip generation of 86 trips was also below the TDMP threshold of 141 trips. The peak hourly Saturday trip generation of 55 trips is below the TDMP threshold of 179 trips. All of the observations fall below the lowest (AM peak hour) TDMP threshold.

## **Parking Counts**

The total number of vehicles parked or circulating within the parking area was counted at 15-minute intervals over the course of the three-day count period. The maximum number of vehicles parked on site was 36, 40, and 35 on Thursday, Friday, and Saturday, respectively. The parking counts by 15-minute intervals are shown in Charts 2, 3, and 4 and are included in the attachments. The total parking supply on site is 141 spaces, so the existing parking demand falls well below the supply, as well as the anticipated peak parking demand goals noted in the TDMP.

## **Performance Standards**

The performance goals established in the TDMP for the dispensary relate to vehicle trip generation and parking demand. These goals were then used to define the acceptable performance standards. The performance standards are as follows:

### Traffic

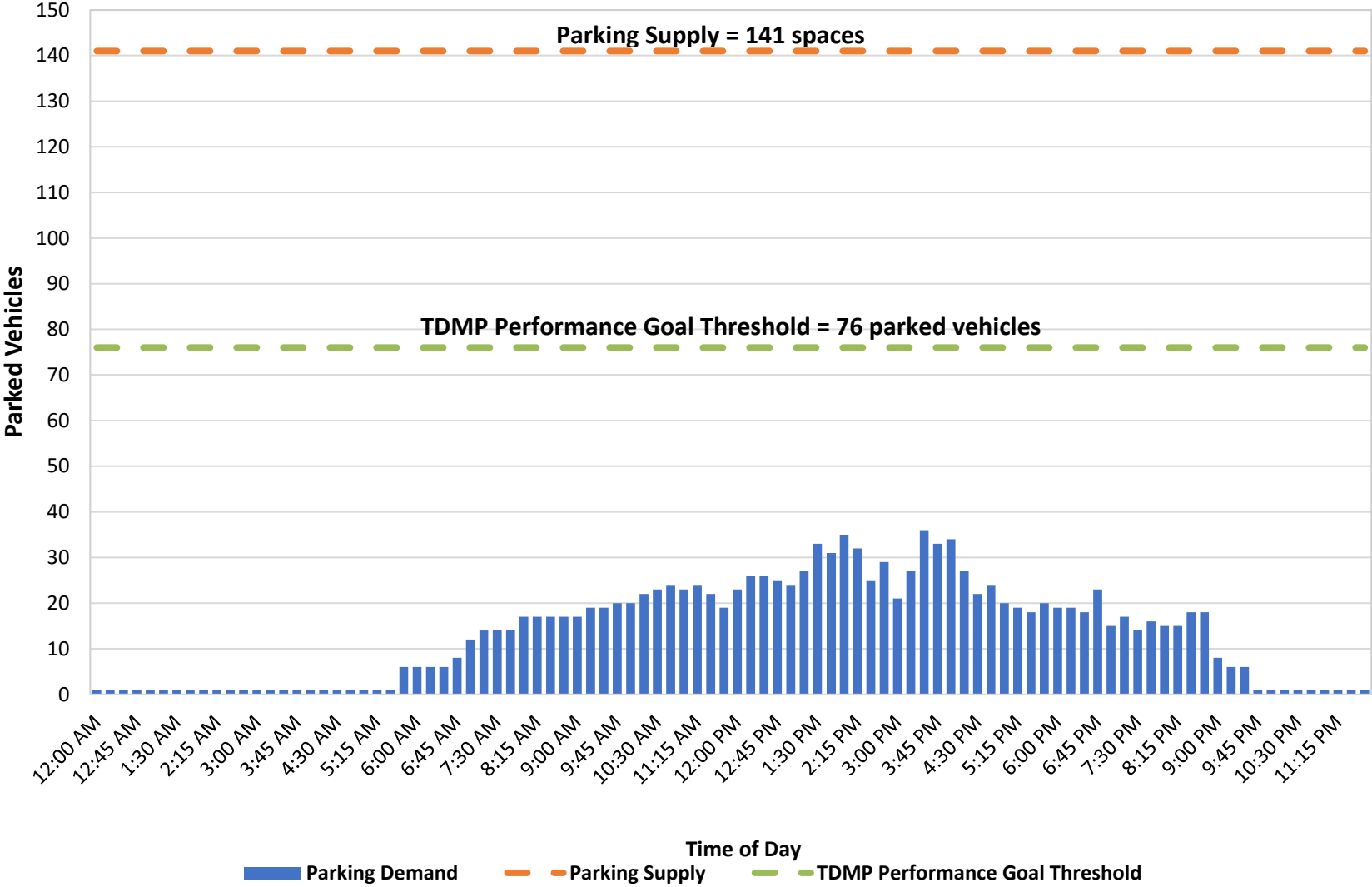
- Average number of weekday morning peak hour vehicle trips must be less than 114 trips (25 percent more than stated goal).
- Average number of weekday evening peak hour vehicle trips must be less than 176 trips (25 percent more than stated goal).
- Average number of Saturday peak hour vehicle trips must be less than 224 trips (25 percent more than stated goal).

### Parking

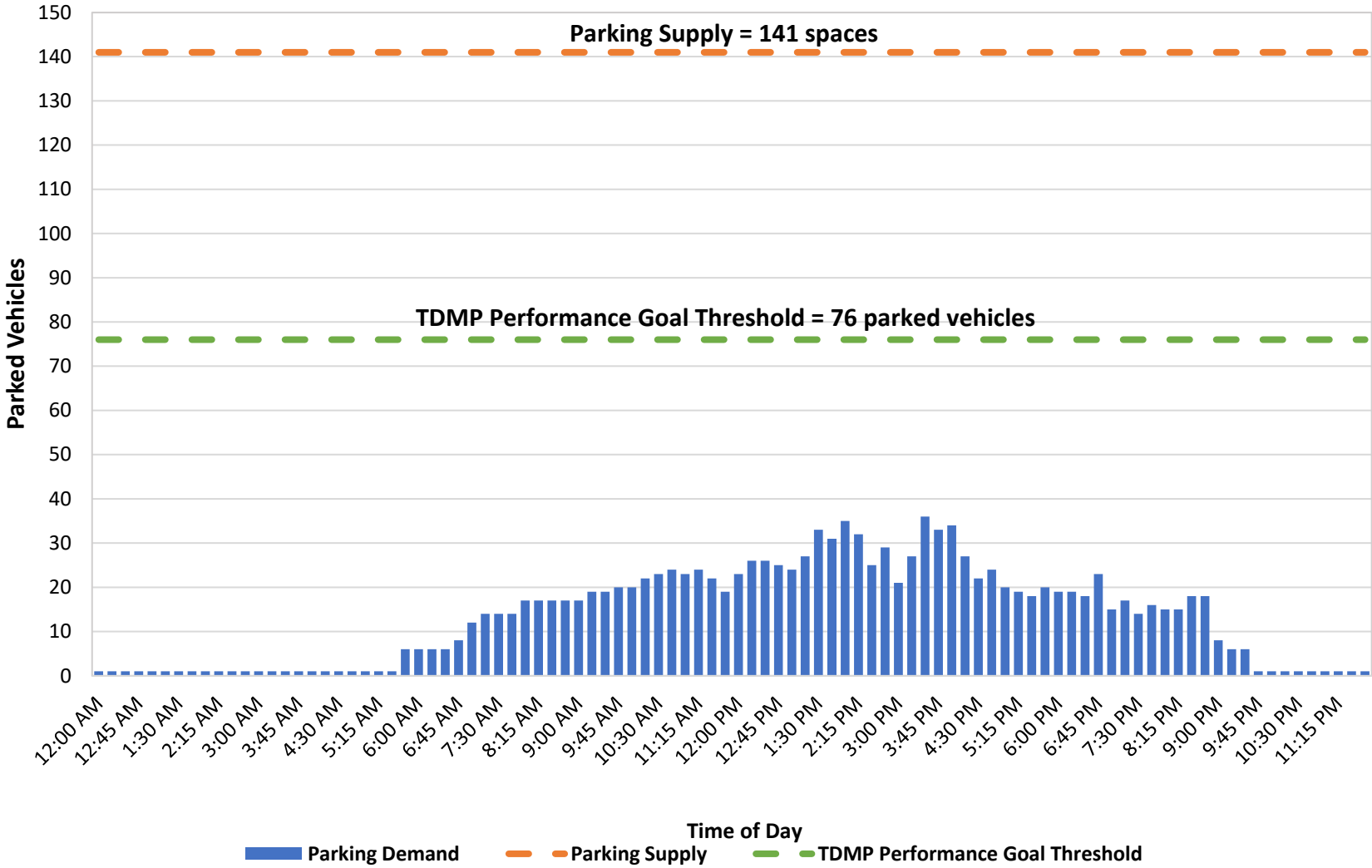
- No more than 12 observations of 84 or more vehicles parked or circulating on site (10 percent more than stated goal) over the weekday survey.
- No more than six observations of 74 or more vehicles parked or circulating on site (10 percent more than stated goal) over the Saturday survey.

As stated in the TDMP and as required as a condition of approval of the project, failure to meet any of these performance standards would require remedial action and a follow-up study, and possible future remedial actions.

**Chart 2**  
**NETA Parking Accumulation**  
**162 Grove Street**  
**Thursday, March 3, 2022**

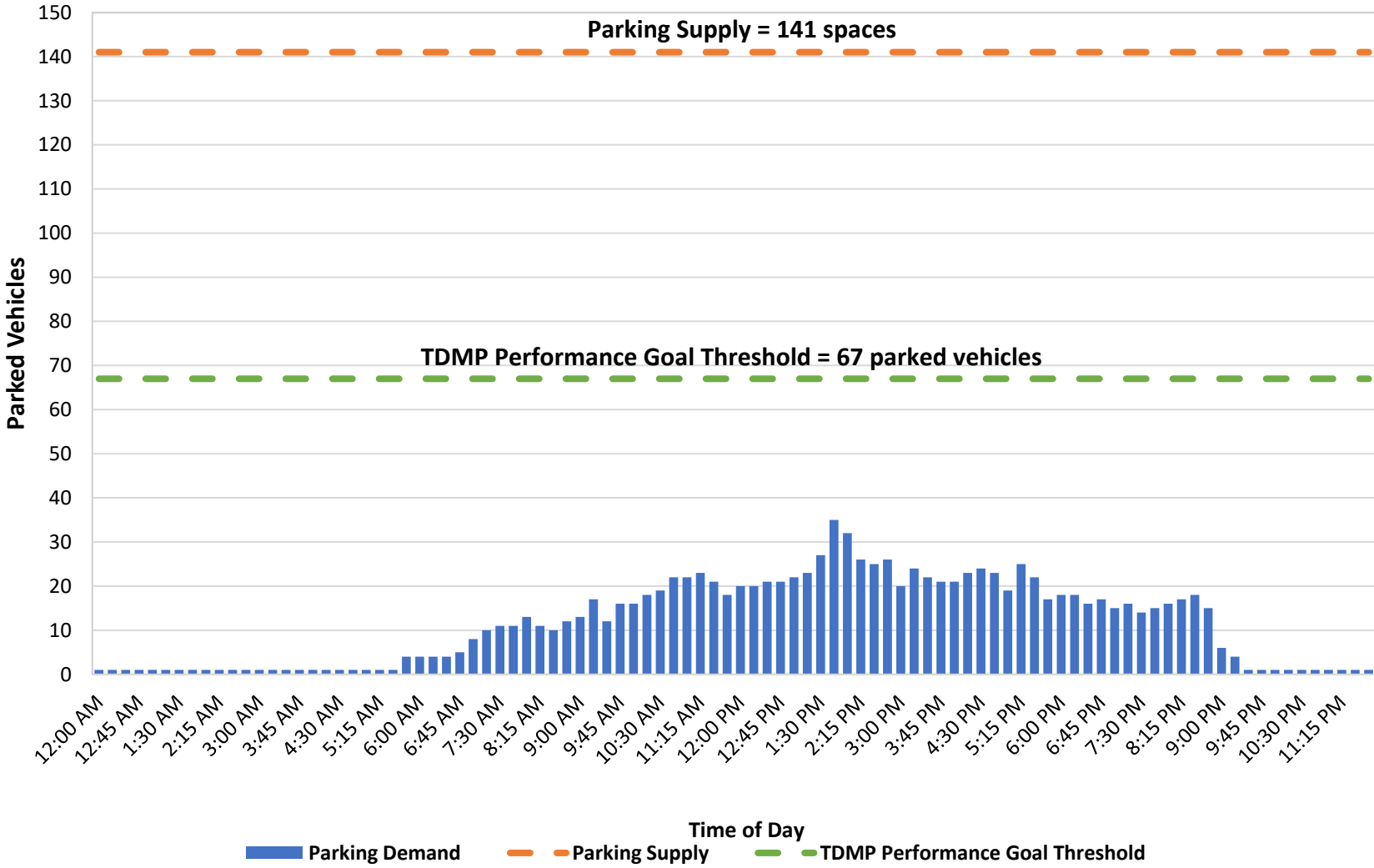


### Chart 3 NETA Parking Accumulation 162 Grove Street Friday, March 4, 2022





### Chart 4 NETA Parking Accumulation 162 Grove Street Saturday, March 5, 2022



## Monitoring Program Summary

The data collected during the post-opening monitoring program was compared to the above performance goals to determine if remedial actions and a follow-up study would be required. Findings are summarized below in Table 2.

**Table 2 Performance Measures**

Performance Measure	Units	TDMP Goal	Observed	TDMP Goal Met?
Weekday Morning Peak Hour Trip Generation	Vehicle Trips	< 91	21	Yes
Weekday Evening Peak Hour Trip Generation	Vehicle Trips	< 141	86	Yes
Saturday Peak Hour Trip Generation	Vehicle Trips	< 179	59	Yes
Weekday Parking Demand	Parked Vehicles	≤ 76	40	Yes
Saturday Parking Demand	Parked Vehicles	≤ 67	35	Yes

As shown, none of the observed conditions exceeded any of the performance measures, so no remedial action is required.

## Conclusion

The NETA facility at 162 Grove Street is generating less vehicular traffic and parking demand than projected and did not exceed any of the TDMP performance measures which would require remedial actions or further study at this time. The next monitoring study is planned for 15 months after opening (March 2023). The future study will capture the same data that was captured during this monitoring study and will provide a second look at the site's trip and parking generation characteristics. If the site continues to meet the goals outlined in the TDMP in March 2023, no further traffic monitoring will be required.

We trust that this letter will prove useful to the Town of Franklin's review of the NETA site's performance with respect to transportation goals established in the TDMP. Please do not hesitate to contact us if you have any questions or need additional information.

Very truly yours,



Sasha L. Wood, PE

## ATTACHMENTS

## ATR DATA

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: Thursday, March 3, 2022  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0	12:00 PM	7	0	0	7
12:15 AM	0	0	0	0	12:15 PM	7	1	0	8
12:30 AM	0	0	0	0	12:30 PM	7	0	0	7
12:45 AM	0	0	0	0	12:45 PM	6	0	0	6
1:00 AM	0	0	0	0	1:00 PM	6	0	0	6
1:15 AM	0	0	0	0	1:15 PM	7	0	0	7
1:30 AM	0	0	0	0	1:30 PM	11	0	0	11
1:45 AM	0	0	0	0	1:45 PM	9	0	0	9
2:00 AM	0	0	0	0	2:00 PM	9	0	0	9
2:15 AM	0	0	0	0	2:15 PM	8	0	0	8
2:30 AM	0	0	0	0	2:30 PM	5	0	0	5
2:45 AM	0	0	0	0	2:45 PM	9	0	0	9
3:00 AM	0	0	0	0	3:00 PM	2	0	0	2
3:15 AM	0	0	0	0	3:15 PM	9	0	0	9
3:30 AM	0	0	0	0	3:30 PM	12	0	0	12
3:45 AM	0	0	0	0	3:45 PM	11	0	0	11
4:00 AM	0	0	0	0	4:00 PM	12	0	0	12
4:15 AM	0	0	0	0	4:15 PM	2	0	0	2
4:30 AM	0	0	0	0	4:30 PM	9	0	0	9
4:45 AM	0	0	0	0	4:45 PM	7	0	0	7
5:00 AM	0	0	0	0	5:00 PM	3	0	0	3
5:15 AM	0	0	0	0	5:15 PM	5	0	0	5
5:30 AM	0	0	0	0	5:30 PM	8	0	0	8
5:45 AM	5	0	0	5	5:45 PM	9	0	0	9
6:00 AM	0	0	0	0	6:00 PM	6	0	0	6
6:15 AM	0	0	0	0	6:15 PM	4	0	0	4
6:30 AM	0	0	0	0	6:30 PM	7	0	0	7
6:45 AM	3	0	0	3	6:45 PM	10	0	0	10
7:00 AM	4	0	0	4	7:00 PM	2	0	0	2
7:15 AM	3	0	0	3	7:15 PM	5	0	0	5
7:30 AM	0	0	0	0	7:30 PM	6	0	0	6
7:45 AM	1	1	0	2	7:45 PM	2	0	0	2
8:00 AM	5	0	0	5	8:00 PM	2	0	0	2
8:15 AM	1	0	0	1	8:15 PM	0	0	0	0
8:30 AM	3	0	0	3	8:30 PM	4	0	0	4
8:45 AM	3	0	0	3	8:45 PM	3	0	0	3
9:00 AM	3	0	0	3	9:00 PM	1	0	0	1
9:15 AM	2	0	0	2	9:15 PM	0	0	0	0
9:30 AM	3	0	0	3	9:30 PM	0	0	0	0
9:45 AM	4	0	0	4	9:45 PM	1	0	0	1
10:00 AM	4	0	0	4	10:00 PM	0	0	0	0
10:15 AM	4	0	0	4	10:15 PM	0	0	0	0
10:30 AM	6	0	0	6	10:30 PM	0	0	0	0
10:45 AM	6	0	0	6	10:45 PM	0	0	0	0
11:00 AM	5	0	0	5	11:00 PM	0	0	0	0
11:15 AM	3	0	0	3	11:15 PM	0	0	0	0
11:30 AM	5	0	0	5	11:30 PM	0	0	0	0
11:45 AM	4	0	0	4	11:45 PM	0	0	0	0

<b>AM Total</b>	<b>77</b>	<b>1</b>	<b>0</b>	<b>78</b>	<b>PM Total</b>	<b>233</b>	<b>1</b>	<b>0</b>	<b>234</b>
<b>Percentage</b>	<b>98.72%</b>	<b>1.28%</b>	<b>0.00%</b>		<b>Percentage</b>	<b>99.57%</b>	<b>0.43%</b>	<b>0.00%</b>	
<b>AM Peak</b>	<b>10:15 AM</b>	<b>7:00 AM</b>	<b>12:00 AM</b>	<b>10:15 AM</b>	<b>PM Peak</b>	<b>3:15 PM</b>	<b>12:00 PM</b>	<b>12:00 PM</b>	<b>3:15 PM</b>
<b>Volume</b>	<b>21</b>	<b>1</b>	<b>0</b>	<b>21</b>	<b>Volume</b>	<b>44</b>	<b>1</b>	<b>0</b>	<b>44</b>
					<b>Day Total</b>	<b>310</b>	<b>2</b>	<b>0</b>	<b>312</b>
					<b>Percentage</b>	<b>99.36%</b>	<b>0.64%</b>	<b>0.00%</b>	

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: Friday, March 4, 2022  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	1	0	1
5:45 AM	4	0	0	4
6:00 AM	2	0	0	2
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	1	0	0	1
7:00 AM	3	0	0	3
7:15 AM	2	0	0	2
7:30 AM	1	0	0	1
7:45 AM	1	0	0	1
8:00 AM	1	0	0	1
8:15 AM	1	0	0	1
8:30 AM	4	0	0	4
8:45 AM	1	0	0	1
9:00 AM	5	0	0	5
9:15 AM	4	0	0	4
9:30 AM	4	0	0	4
9:45 AM	4	1	0	5
10:00 AM	4	0	0	4
10:15 AM	8	0	0	8
10:30 AM	2	0	0	2
10:45 AM	7	0	0	7
11:00 AM	9	0	0	9
11:15 AM	6	0	0	6
11:30 AM	5	1	0	6
11:45 AM	6	1	0	7

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	6	0	0	6
12:15 PM	16	1	0	17
12:30 PM	10	0	0	10
12:45 PM	8	0	0	8
1:00 PM	5	0	0	5
1:15 PM	7	1	0	8
1:30 PM	9	0	0	9
1:45 PM	13	0	0	13
2:00 PM	9	0	0	9
2:15 PM	4	0	0	4
2:30 PM	9	0	0	9
2:45 PM	8	0	0	8
3:00 PM	8	0	0	8
3:15 PM	10	0	0	10
3:30 PM	15	0	0	15
3:45 PM	13	0	0	13
4:00 PM	4	0	0	4
4:15 PM	9	0	0	9
4:30 PM	6	0	0	6
4:45 PM	8	0	0	8
5:00 PM	12	0	0	12
5:15 PM	8	0	0	8
5:30 PM	8	0	0	8
5:45 PM	15	0	0	15
6:00 PM	9	0	0	9
6:15 PM	5	0	0	5
6:30 PM	10	0	0	10
6:45 PM	4	0	0	4
7:00 PM	5	0	0	5
7:15 PM	7	0	0	7
7:30 PM	8	0	0	8
7:45 PM	4	0	0	4
8:00 PM	3	0	0	3
8:15 PM	1	0	0	1
8:30 PM	3	0	0	3
8:45 PM	2	0	0	2
9:00 PM	1	0	0	1
9:15 PM	1	0	0	1
9:30 PM	0	0	0	0
9:45 PM	1	0	0	1
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 85 4 0 89  
 Percentage 95.51% 4.49% 0.00%  
 AM Peak 10:45 AM 11:00 AM 12:00 AM 10:45 AM  
 Volume 27 2 0 28

PM Total 284 2 0 286  
 Percentage 99.30% 0.70% 0.00%  
 PM Peak 3:00 PM 12:00 PM 12:00 PM 3:00 PM  
 Volume 46 1 0 46

Day Total 369 6 0 375  
 Percentage 98.40% 1.60% 0.00%

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: Saturday, March 5, 2022  
 Direction: EB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	4	0	0	4
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	1	0	0	1
7:00 AM	3	0	0	3
7:15 AM	2	0	0	2
7:30 AM	1	0	0	1
7:45 AM	1	0	0	1
8:00 AM	4	0	0	4
8:15 AM	1	0	0	1
8:30 AM	1	0	0	1
8:45 AM	4	0	0	4
9:00 AM	3	0	0	3
9:15 AM	8	0	0	8
9:30 AM	2	0	0	2
9:45 AM	5	0	0	5
10:00 AM	5	0	0	5
10:15 AM	6	0	0	6
10:30 AM	4	0	0	4
10:45 AM	6	0	0	6
11:00 AM	5	0	0	5
11:15 AM	3	0	0	3
11:30 AM	3	0	0	3
11:45 AM	5	0	0	5

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	5	0	0	5
12:15 PM	2	0	0	2
12:30 PM	4	0	0	4
12:45 PM	4	0	0	4
1:00 PM	5	0	0	5
1:15 PM	3	0	0	3
1:30 PM	6	0	0	6
1:45 PM	10	0	0	10
2:00 PM	7	0	0	7
2:15 PM	2	0	0	2
2:30 PM	4	0	0	4
2:45 PM	7	0	0	7
3:00 PM	2	0	0	2
3:15 PM	11	0	0	11
3:30 PM	5	0	0	5
3:45 PM	7	0	0	7
4:00 PM	7	0	0	7
4:15 PM	8	0	0	8
4:30 PM	6	0	0	6
4:45 PM	6	0	0	6
5:00 PM	2	0	0	2
5:15 PM	9	0	0	9
5:30 PM	5	0	0	5
5:45 PM	2	0	0	2
6:00 PM	6	0	0	6
6:15 PM	4	0	0	4
6:30 PM	3	0	0	3
6:45 PM	3	0	0	3
7:00 PM	1	0	0	1
7:15 PM	2	0	0	2
7:30 PM	0	0	0	0
7:45 PM	2	0	0	2
8:00 PM	5	0	0	5
8:15 PM	5	0	0	5
8:30 PM	9	0	0	9
8:45 PM	1	0	0	1
9:00 PM	0	0	0	0
9:15 PM	1	0	0	1
9:30 PM	0	0	0	0
9:45 PM	0	0	0	0
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 77 0 0 77  
 Percentage 100.00% 0.00% 0.00%  
 AM Peak 10:00 AM 12:00 AM 12:00 AM 10:00 AM  
 Volume 21 0 0 21

PM Total 171 0 0 171  
 Percentage 100.00% 0.00% 0.00%  
 PM Peak 3:15 PM 12:00 PM 12:00 PM 3:15 PM  
 Volume 30 0 0 30

Day Total 248 0 0 248  
 Percentage 100.00% 0.00% 0.00%

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: Thursday, March 3, 2022  
 Direction: WB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	0	0	0	0
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	1	0	0	1
7:00 AM	0	0	0	0
7:15 AM	1	0	0	1
7:30 AM	0	0	0	0
7:45 AM	1	1	0	2
8:00 AM	2	0	0	2
8:15 AM	1	0	0	1
8:30 AM	3	0	0	3
8:45 AM	3	0	0	3
9:00 AM	3	0	0	3
9:15 AM	0	0	0	0
9:30 AM	3	0	0	3
9:45 AM	3	0	0	3
10:00 AM	4	0	0	4
10:15 AM	2	0	0	2
10:30 AM	5	0	0	5
10:45 AM	5	0	0	5
11:00 AM	6	0	0	6
11:15 AM	2	0	0	2
11:30 AM	7	0	0	7
11:45 AM	7	0	0	7

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	3	0	0	3
12:15 PM	5	0	0	5
12:30 PM	6	1	0	7
12:45 PM	7	0	0	7
1:00 PM	7	0	0	7
1:15 PM	4	0	0	4
1:30 PM	5	0	0	5
1:45 PM	11	0	0	11
2:00 PM	5	0	0	5
2:15 PM	11	0	0	11
2:30 PM	12	0	0	12
2:45 PM	5	0	0	5
3:00 PM	10	0	0	10
3:15 PM	3	0	0	3
3:30 PM	3	0	0	3
3:45 PM	14	0	0	14
4:00 PM	11	0	0	11
4:15 PM	9	0	0	9
4:30 PM	14	0	0	14
4:45 PM	5	0	0	5
5:00 PM	7	0	0	7
5:15 PM	6	0	0	6
5:30 PM	9	0	0	9
5:45 PM	7	0	0	7
6:00 PM	7	0	0	7
6:15 PM	4	0	0	4
6:30 PM	8	0	0	8
6:45 PM	5	0	0	5
7:00 PM	10	0	0	10
7:15 PM	3	0	0	3
7:30 PM	9	0	0	9
7:45 PM	0	0	0	0
8:00 PM	3	0	0	3
8:15 PM	0	0	0	0
8:30 PM	1	0	0	1
8:45 PM	3	0	0	3
9:00 PM	11	0	0	11
9:15 PM	2	0	0	2
9:30 PM	0	0	0	0
9:45 PM	6	0	0	6
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 59 1 0 60  
 Percentage 98.33% 1.67% 0.00%  
 AM Peak 11:00 AM 7:00 AM 12:00 AM 11:00 AM  
 Volume 22 1 0 22

PM Total 251 1 0 252  
 Percentage 99.60% 0.40% 0.00%  
 PM Peak 3:45 PM 12:00 PM 12:00 PM 3:45 PM  
 Volume 48 1 0 48

Day Total 310 2 0 312  
 Percentage 99.36% 0.64% 0.00%



162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: Friday, March 4, 2022  
 Direction: WB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	1	0	1
5:45 AM	0	0	0	0
6:00 AM	1	0	0	1
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	1	0	0	1
7:30 AM	0	0	0	0
7:45 AM	1	0	0	1
8:00 AM	2	0	0	2
8:15 AM	1	0	0	1
8:30 AM	1	0	0	1
8:45 AM	1	0	0	1
9:00 AM	3	0	0	3
9:15 AM	4	0	0	4
9:30 AM	3	0	0	3
9:45 AM	7	0	0	7
10:00 AM	3	1	0	4
10:15 AM	5	0	0	5
10:30 AM	2	0	0	2
10:45 AM	2	0	0	2
11:00 AM	6	0	0	6
11:15 AM	8	0	0	8
11:30 AM	5	1	0	6
11:45 AM	4	1	0	5

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	4	0	0	4
12:15 PM	10	1	0	11
12:30 PM	14	0	0	14
12:45 PM	8	0	0	8
1:00 PM	9	0	0	9
1:15 PM	3	0	0	3
1:30 PM	6	1	0	7
1:45 PM	8	0	0	8
2:00 PM	7	0	0	7
2:15 PM	6	0	0	6
2:30 PM	11	0	0	11
2:45 PM	12	0	0	12
3:00 PM	8	0	0	8
3:15 PM	10	0	0	10
3:30 PM	10	0	0	10
3:45 PM	10	0	0	10
4:00 PM	13	0	0	13
4:15 PM	13	0	0	13
4:30 PM	6	0	0	6
4:45 PM	8	0	0	8
5:00 PM	12	0	0	12
5:15 PM	11	0	0	11
5:30 PM	11	0	0	11
5:45 PM	9	0	0	9
6:00 PM	9	0	0	9
6:15 PM	10	0	0	10
6:30 PM	10	0	0	10
6:45 PM	7	0	0	7
7:00 PM	5	0	0	5
7:15 PM	9	0	0	9
7:30 PM	4	0	0	4
7:45 PM	8	0	0	8
8:00 PM	2	0	0	2
8:15 PM	3	0	0	3
8:30 PM	2	0	0	2
8:45 PM	4	0	0	4
9:00 PM	8	0	0	8
9:15 PM	2	0	0	2
9:30 PM	4	0	0	4
9:45 PM	3	0	0	3
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

AM Total 60 4 0 64  
 Percentage 93.75% 6.25% 0.00%  
 AM Peak 11:00 AM 11:00 AM 12:00 AM 11:00 AM  
 Volume 23 2 0 25

PM Total 309 2 0 311  
 Percentage 99.36% 0.64% 0.00%  
 PM Peak 3:30 PM 12:00 PM 12:00 PM 3:30 PM  
 Volume 46 1 0 46

Day Total 369 6 0 375  
 Percentage 98.40% 1.60% 0.00%

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



PDI File # 228369 ATR-A

Count Date: **Saturday, March 5, 2022**  
 Direction: **WB**

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	0	0	0	0
12:15 AM	0	0	0	0
12:30 AM	0	0	0	0
12:45 AM	0	0	0	0
1:00 AM	0	0	0	0
1:15 AM	0	0	0	0
1:30 AM	0	0	0	0
1:45 AM	0	0	0	0
2:00 AM	0	0	0	0
2:15 AM	0	0	0	0
2:30 AM	0	0	0	0
2:45 AM	0	0	0	0
3:00 AM	0	0	0	0
3:15 AM	0	0	0	0
3:30 AM	0	0	0	0
3:45 AM	0	0	0	0
4:00 AM	0	0	0	0
4:15 AM	0	0	0	0
4:30 AM	0	0	0	0
4:45 AM	0	0	0	0
5:00 AM	0	0	0	0
5:15 AM	0	0	0	0
5:30 AM	0	0	0	0
5:45 AM	1	0	0	1
6:00 AM	0	0	0	0
6:15 AM	0	0	0	0
6:30 AM	0	0	0	0
6:45 AM	0	0	0	0
7:00 AM	0	0	0	0
7:15 AM	0	0	0	0
7:30 AM	0	0	0	0
7:45 AM	1	0	0	1
8:00 AM	2	0	0	2
8:15 AM	3	0	0	3
8:30 AM	2	0	0	2
8:45 AM	2	0	0	2
9:00 AM	2	0	0	2
9:15 AM	4	0	0	4
9:30 AM	7	0	0	7
9:45 AM	1	0	0	1
10:00 AM	5	0	0	5
10:15 AM	4	0	0	4
10:30 AM	3	0	0	3
10:45 AM	3	0	0	3
11:00 AM	5	0	0	5
11:15 AM	2	0	0	2
11:30 AM	5	0	0	5
11:45 AM	8	0	0	8

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	3	0	0	3
12:15 PM	2	0	0	2
12:30 PM	3	0	0	3
12:45 PM	4	0	0	4
1:00 PM	4	0	0	4
1:15 PM	2	0	0	2
1:30 PM	2	0	0	2
1:45 PM	2	0	0	2
2:00 PM	10	0	0	10
2:15 PM	8	0	0	8
2:30 PM	5	0	0	5
2:45 PM	6	0	0	6
3:00 PM	8	0	0	8
3:15 PM	7	0	0	7
3:30 PM	7	0	0	7
3:45 PM	8	0	0	8
4:00 PM	7	0	0	7
4:15 PM	6	0	0	6
4:30 PM	5	0	0	5
4:45 PM	7	0	0	7
5:00 PM	6	0	0	6
5:15 PM	3	0	0	3
5:30 PM	8	0	0	8
5:45 PM	7	0	0	7
6:00 PM	5	0	0	5
6:15 PM	4	0	0	4
6:30 PM	5	0	0	5
6:45 PM	2	0	0	2
7:00 PM	3	0	0	3
7:15 PM	1	0	0	1
7:30 PM	2	0	0	2
7:45 PM	1	0	0	1
8:00 PM	4	0	0	4
8:15 PM	4	0	0	4
8:30 PM	8	0	0	8
8:45 PM	4	0	0	4
9:00 PM	9	0	0	9
9:15 PM	3	0	0	3
9:30 PM	3	0	0	3
9:45 PM	0	0	0	0
10:00 PM	0	0	0	0
10:15 PM	0	0	0	0
10:30 PM	0	0	0	0
10:45 PM	0	0	0	0
11:00 PM	0	0	0	0
11:15 PM	0	0	0	0
11:30 PM	0	0	0	0
11:45 PM	0	0	0	0

**AM Total**                    **60**                    **0**                    **0**                    **60**  
**Percentage**                **100.00%**                **0.00%**                **0.00%**

**AM Peak**                    **11:00 AM**                **12:00 AM**                **12:00 AM** **11:00 AM**  
**Volume**                    **20**                    **0**                    **0**                    **20**

**PM Total**                    **188**                    **0**                    **0**                    **188**  
**Percentage**                **100.00%**                **0.00%**                **0.00%**

**PM Peak**                    **3:00 PM**                    **12:00 PM**                    **12:00 PM** **3:00 PM**  
**Volume**                    **30**                    **0**                    **0**                    **30**

**Day Total**                    **248**                    **0**                    **0**                    **248**  
**Percentage**                **100.00%**                **0.00%**                **0.00%**

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



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

PDI File # 228369 ATR-A

Direction: EB

Weekly Report

Day Date	Thursday 03/03/22		Friday 03/04/22		Saturday 03/05/22										Week Ave	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
12:00	0	7	0	6	0	5	0	0	0	0	0	0	0	0	0	6
12:15	0	8	0	17	0	2	0	0	0	0	0	0	0	0	0	9
12:30	0	7	0	10	0	4	0	0	0	0	0	0	0	0	0	7
12:45	0	6	0	8	0	4	0	0	0	0	0	0	0	0	0	6
1:00	0	6	0	5	0	5	0	0	0	0	0	0	0	0	0	5
1:15	0	7	0	8	0	3	0	0	0	0	0	0	0	0	0	6
1:30	0	11	0	9	0	6	0	0	0	0	0	0	0	0	0	9
1:45	0	9	0	13	0	10	0	0	0	0	0	0	0	0	0	11
2:00	0	9	0	9	0	7	0	0	0	0	0	0	0	0	0	8
2:15	0	8	0	4	0	2	0	0	0	0	0	0	0	0	0	5
2:30	0	5	0	9	0	4	0	0	0	0	0	0	0	0	0	6
2:45	0	9	0	8	0	7	0	0	0	0	0	0	0	0	0	8
3:00	0	2	0	8	0	2	0	0	0	0	0	0	0	0	0	4
3:15	0	9	0	10	0	11	0	0	0	0	0	0	0	0	0	10
3:30	0	12	0	15	0	5	0	0	0	0	0	0	0	0	0	11
3:45	0	11	0	13	0	7	0	0	0	0	0	0	0	0	0	10
4:00	0	12	0	4	0	7	0	0	0	0	0	0	0	0	0	8
4:15	0	2	0	9	0	8	0	0	0	0	0	0	0	0	0	6
4:30	0	9	0	6	0	6	0	0	0	0	0	0	0	0	0	7
4:45	0	7	0	8	0	6	0	0	0	0	0	0	0	0	0	7
5:00	0	3	0	12	0	2	0	0	0	0	0	0	0	0	0	6
5:15	0	5	0	8	0	9	0	0	0	0	0	0	0	0	0	7
5:30	0	8	1	8	0	5	0	0	0	0	0	0	0	0	0	7
5:45	5	9	4	15	4	2	0	0	0	0	0	0	0	0	4	9
6:00	0	6	2	9	0	6	0	0	0	0	0	0	0	0	1	7
6:15	0	4	0	5	0	4	0	0	0	0	0	0	0	0	0	4
6:30	0	7	0	10	0	3	0	0	0	0	0	0	0	0	0	7
6:45	3	10	1	4	1	3	0	0	0	0	0	0	0	0	2	6
7:00	4	2	3	5	3	1	0	0	0	0	0	0	0	0	3	3
7:15	3	5	2	7	2	2	0	0	0	0	0	0	0	0	2	5
7:30	0	6	1	8	1	0	0	0	0	0	0	0	0	0	1	5
7:45	2	2	1	4	1	2	0	0	0	0	0	0	0	0	1	3
8:00	5	2	1	3	4	5	0	0	0	0	0	0	0	0	3	3
8:15	1	0	1	1	1	5	0	0	0	0	0	0	0	0	1	2
8:30	3	4	4	3	1	9	0	0	0	0	0	0	0	0	3	5
8:45	3	3	1	2	4	1	0	0	0	0	0	0	0	0	3	2
9:00	3	1	5	1	3	0	0	0	0	0	0	0	0	0	4	1
9:15	2	0	4	1	8	1	0	0	0	0	0	0	0	0	5	1
9:30	3	0	4	0	2	0	0	0	0	0	0	0	0	0	3	0
9:45	4	1	5	1	5	0	0	0	0	0	0	0	0	0	5	1
10:00	4	0	4	0	5	0	0	0	0	0	0	0	0	0	4	0
10:15	4	0	8	0	6	0	0	0	0	0	0	0	0	0	6	0
10:30	6	0	2	0	4	0	0	0	0	0	0	0	0	0	4	0
10:45	6	0	7	0	6	0	0	0	0	0	0	0	0	0	6	0
11:00	5	0	9	0	5	0	0	0	0	0	0	0	0	0	6	0
11:15	3	0	6	0	3	0	0	0	0	0	0	0	0	0	4	0
11:30	5	0	6	0	3	0	0	0	0	0	0	0	0	0	5	0
11:45	4	0	7	0	5	0	0	0	0	0	0	0	0	0	5	0
<b>Total</b>	<b>78</b>	<b>234</b>	<b>89</b>	<b>286</b>	<b>77</b>	<b>171</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>81</b>	<b>230</b>
<b>Day Total</b>	<b>312</b>		<b>375</b>		<b>248</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>312</b>	
<b>Peak HR</b>	<b>10:15 AM</b>	<b>3:15 PM</b>	<b>10:45 AM</b>	<b>3:00 PM</b>	<b>10:00 AM</b>	<b>3:15 PM</b>									<b>10:15 AM</b>	<b>03:15</b>
<b>Volume</b>	<b>21</b>	<b>44</b>	<b>28</b>	<b>46</b>	<b>21</b>	<b>30</b>									<b>23</b>	<b>39</b>

162 Grove Street Driveway  
 east of Grove Street  
 City, State: Franklin, MA  
 Client: TetraTech/ S. Wood  
 Site Code: 143-369028-22002



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

PDI File # 228369 ATR-A

Direction: WB

Weekly Report

Day Date	Thursday 03/03/22		Friday 03/04/22		Saturday 03/05/22										Week Ave	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
12:00	0	3	0	4	0	3	0	0	0	0	0	0	0	0	0	3
12:15	0	5	0	11	0	2	0	0	0	0	0	0	0	0	0	6
12:30	0	7	0	14	0	3	0	0	0	0	0	0	0	0	0	8
12:45	0	7	0	8	0	4	0	0	0	0	0	0	0	0	0	6
1:00	0	7	0	9	0	4	0	0	0	0	0	0	0	0	0	7
1:15	0	4	0	3	0	2	0	0	0	0	0	0	0	0	0	3
1:30	0	5	0	7	0	2	0	0	0	0	0	0	0	0	0	5
1:45	0	11	0	8	0	2	0	0	0	0	0	0	0	0	0	7
2:00	0	5	0	7	0	10	0	0	0	0	0	0	0	0	0	7
2:15	0	11	0	6	0	8	0	0	0	0	0	0	0	0	0	8
2:30	0	12	0	11	0	5	0	0	0	0	0	0	0	0	0	9
2:45	0	5	0	12	0	6	0	0	0	0	0	0	0	0	0	8
3:00	0	10	0	8	0	8	0	0	0	0	0	0	0	0	0	9
3:15	0	3	0	10	0	7	0	0	0	0	0	0	0	0	0	7
3:30	0	3	0	10	0	7	0	0	0	0	0	0	0	0	0	7
3:45	0	14	0	10	0	8	0	0	0	0	0	0	0	0	0	11
4:00	0	11	0	13	0	7	0	0	0	0	0	0	0	0	0	10
4:15	0	9	0	13	0	6	0	0	0	0	0	0	0	0	0	9
4:30	0	14	0	6	0	5	0	0	0	0	0	0	0	0	0	8
4:45	0	5	0	8	0	7	0	0	0	0	0	0	0	0	0	7
5:00	0	7	0	12	0	6	0	0	0	0	0	0	0	0	0	8
5:15	0	6	0	11	0	3	0	0	0	0	0	0	0	0	0	7
5:30	0	9	1	11	0	8	0	0	0	0	0	0	0	0	0	9
5:45	0	7	0	9	1	7	0	0	0	0	0	0	0	0	0	8
6:00	0	7	1	9	0	5	0	0	0	0	0	0	0	0	0	7
6:15	0	4	0	10	0	4	0	0	0	0	0	0	0	0	0	6
6:30	0	8	0	10	0	5	0	0	0	0	0	0	0	0	0	8
6:45	1	5	0	7	0	2	0	0	0	0	0	0	0	0	0	5
7:00	0	10	0	5	0	3	0	0	0	0	0	0	0	0	0	6
7:15	1	3	1	9	0	1	0	0	0	0	0	0	0	0	1	4
7:30	0	9	0	4	0	2	0	0	0	0	0	0	0	0	0	5
7:45	2	0	1	8	1	1	0	0	0	0	0	0	0	0	1	3
8:00	2	3	2	2	2	4	0	0	0	0	0	0	0	0	2	3
8:15	1	0	1	3	3	4	0	0	0	0	0	0	0	0	2	2
8:30	3	1	1	2	2	8	0	0	0	0	0	0	0	0	2	4
8:45	3	3	1	4	2	4	0	0	0	0	0	0	0	0	2	4
9:00	3	11	3	8	2	9	0	0	0	0	0	0	0	0	3	9
9:15	0	2	4	2	4	3	0	0	0	0	0	0	0	0	3	2
9:30	3	0	3	4	7	3	0	0	0	0	0	0	0	0	4	2
9:45	3	6	7	3	1	0	0	0	0	0	0	0	0	0	4	3
10:00	4	0	4	0	5	0	0	0	0	0	0	0	0	0	4	0
10:15	2	0	5	0	4	0	0	0	0	0	0	0	0	0	4	0
10:30	5	0	2	0	3	0	0	0	0	0	0	0	0	0	3	0
10:45	5	0	2	0	3	0	0	0	0	0	0	0	0	0	3	0
11:00	6	0	6	0	5	0	0	0	0	0	0	0	0	0	6	0
11:15	2	0	8	0	2	0	0	0	0	0	0	0	0	0	4	0
11:30	7	0	6	0	5	0	0	0	0	0	0	0	0	0	6	0
11:45	7	0	5	0	8	0	0	0	0	0	0	0	0	0	7	0
<b>Total</b>	<b>60</b>	<b>252</b>	<b>64</b>	<b>311</b>	<b>60</b>	<b>188</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>61</b>	<b>250</b>
<b>Day Total</b>	<b>312</b>		<b>375</b>		<b>248</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>312</b>	
<b>Peak HR</b>	<b>11:00 AM</b>	<b>3:45 PM</b>	<b>11:00 AM</b>	<b>3:30 PM</b>	<b>11:00 AM</b>	<b>3:00 PM</b>									<b>11:00 AM</b>	<b>03:45</b>
<b>Volume</b>	<b>22</b>	<b>48</b>	<b>25</b>	<b>46</b>	<b>20</b>	<b>30</b>									<b>22</b>	<b>39</b>

**NETA Trip Generation**

**162 Grove Street**

**March 2022**

Time of Day	Thursday			Friday			Saturday		
	3/3/2022			3/4/2022			3/5/2022		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
12:00 AM	0	0	0	0	0	0	0	0	0
12:15 AM	0	0	0	0	0	0	0	0	0
12:30 AM	0	0	0	0	0	0	0	0	0
12:45 AM	0	0	0	0	0	0	0	0	0
1:00 AM	0	0	0	0	0	0	0	0	0
1:15 AM	0	0	0	0	0	0	0	0	0
1:30 AM	0	0	0	0	0	0	0	0	0
1:45 AM	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0
2:15 AM	0	0	0	0	0	0	0	0	0
2:30 AM	0	0	0	0	0	0	0	0	0
2:45 AM	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0
3:15 AM	0	0	0	0	0	0	0	0	0
3:30 AM	0	0	0	0	0	0	0	0	0
3:45 AM	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	0	0	0	0	0	0
4:15 AM	0	0	0	0	0	0	0	0	0
4:30 AM	0	0	0	0	0	0	0	0	0
4:45 AM	0	0	0	0	0	0	0	0	0
5:00 AM	0	0	0	0	0	0	0	0	0
5:15 AM	0	0	0	0	0	0	0	0	0
5:30 AM	0	0	0	1	1	2	0	0	0
5:45 AM	5	0	5	4	0	4	4	1	5
6:00 AM	0	0	0	2	1	3	0	0	0
6:15 AM	0	0	0	0	0	0	0	0	0
6:30 AM	0	0	0	0	0	0	0	0	0
6:45 AM	3	1	4	1	0	1	1	0	1
7:00 AM	4	0	4	3	0	3	3	0	3
7:15 AM	3	1	4	2	1	3	2	0	2
7:30 AM	0	0	0	1	0	1	1	0	1
7:45 AM	2	2	4	1	1	2	1	1	2
8:00 AM	5	2	7	1	2	3	4	2	6
8:15 AM	1	1	2	1	1	2	1	3	4
8:30 AM	3	3	6	4	1	5	1	2	3
8:45 AM	3	3	6	1	1	2	4	2	6
9:00 AM	3	3	6	5	3	8	3	2	5
9:15 AM	2	0	2	4	4	8	8	4	12
9:30 AM	3	3	6	4	3	7	2	7	9
9:45 AM	4	3	7	5	7	12	5	1	6
10:00 AM	4	4	8	4	4	8	5	5	10
10:15 AM	4	2	6	8	5	13	6	4	10
10:30 AM	6	5	11	2	2	4	4	3	7
10:45 AM	6	5	11	7	2	9	6	3	9
11:00 AM	5	6	11	9	6	15	5	5	10
11:15 AM	3	2	5	6	8	14	3	2	5
11:30 AM	5	7	12	6	6	12	3	5	8
11:45 AM	4	7	11	7	5	12	5	8	13

## NETA Trip Generation

162 Grove Street

March 2022

Time of Day	Thursday			Friday			Saturday		
	3/3/2022			3/4/2022			3/5/2022		
	Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
12:00 PM	7	3	10	6	4	10	5	3	8
12:15 PM	8	5	13	17	11	28	2	2	4
12:30 PM	7	7	14	10	14	24	4	3	7
12:45 PM	6	7	13	8	8	16	4	4	8
1:00 PM	6	7	13	5	9	14	5	4	9
1:15 PM	7	4	11	8	3	11	3	2	5
1:30 PM	11	5	16	9	7	16	6	2	8
1:45 PM	9	11	20	13	8	21	10	2	12
2:00 PM	9	5	14	9	7	16	7	10	17
2:15 PM	8	11	19	4	6	10	2	8	10
2:30 PM	5	12	17	9	11	20	4	5	9
2:45 PM	9	5	14	8	12	20	7	6	13
3:00 PM	2	10	12	8	8	16	2	8	10
3:15 PM	9	3	12	10	10	20	11	7	18
3:30 PM	12	3	15	15	10	25	5	7	12
3:45 PM	11	14	25	13	10	23	7	8	15
4:00 PM	12	11	23	4	13	17	7	7	14
4:15 PM	2	9	11	9	13	22	8	6	14
4:30 PM	9	14	23	6	6	12	6	5	11
4:45 PM	7	5	12	8	8	16	6	7	13
5:00 PM	3	7	10	12	12	24	2	6	8
5:15 PM	5	6	11	8	11	19	9	3	12
5:30 PM	8	9	17	8	11	19	5	8	13
5:45 PM	9	7	16	15	9	24	2	7	9
6:00 PM	6	7	13	9	9	18	6	5	11
6:15 PM	4	4	8	5	10	15	4	4	8
6:30 PM	7	8	15	10	10	20	3	5	8
6:45 PM	10	5	15	4	7	11	3	2	5
7:00 PM	2	10	12	5	5	10	1	3	4
7:15 PM	5	3	8	7	9	16	2	1	3
7:30 PM	6	9	15	8	4	12	0	2	2
7:45 PM	2	0	2	4	8	12	2	1	3
8:00 PM	2	3	5	3	2	5	5	4	9
8:15 PM	0	0	0	1	3	4	5	4	9
8:30 PM	4	1	5	3	2	5	9	8	17
8:45 PM	3	3	6	2	4	6	1	4	5
9:00 PM	1	11	12	1	8	9	0	9	9
9:15 PM	0	2	2	1	2	3	1	3	4
9:30 PM	0	0	0	0	4	4	0	3	3
9:45 PM	1	6	7	1	3	4	0	0	0
10:00 PM	0	0	0	0	0	0	0	0	0
10:15 PM	0	0	0	0	0	0	0	0	0
10:30 PM	0	0	0	0	0	0	0	0	0
10:45 PM	0	0	0	0	0	0	0	0	0
11:00 PM	0	0	0	0	0	0	0	0	0
11:15 PM	0	0	0	0	0	0	0	0	0
11:30 PM	0	0	0	0	0	0	0	0	0
11:45 PM	0	0	0	0	0	0	0	0	0
Daily	312	312	624	375	375	750	248	248	496

AM Peak	12	9	21	7	5	12	10	9	19
PM Peak	30	39	69	43	43	86	27	25	52
Overall Peak	34	48	82	41	46	87	30	29	59

## PARKING ACCUMULATION

**NETA Parking Accumulation****162 Grove Street****March 2022**

	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
<b>Time of Day</b>	<b>3/3/2022</b>	<b>3/4/2022</b>	<b>3/5/2022</b>
12:00 AM	1	1	1
12:15 AM	1	1	1
12:30 AM	1	1	1
12:45 AM	1	1	1
1:00 AM	1	1	1
1:15 AM	1	1	1
1:30 AM	1	1	1
1:45 AM	1	1	1
2:00 AM	1	1	1
2:15 AM	1	1	1
2:30 AM	1	1	1
2:45 AM	1	1	1
3:00 AM	1	1	1
3:15 AM	1	1	1
3:30 AM	1	1	1
3:45 AM	1	1	1
4:00 AM	1	1	1
4:15 AM	1	1	1
4:30 AM	1	1	1
4:45 AM	1	1	1
5:00 AM	1	1	1
5:15 AM	1	1	1
5:30 AM	1	1	1
5:45 AM	6	5	4
6:00 AM	6	6	4
6:15 AM	6	6	4
6:30 AM	6	6	4
6:45 AM	8	7	5
7:00 AM	12	10	8
7:15 AM	14	11	10
7:30 AM	14	12	11
7:45 AM	14	12	11
8:00 AM	17	11	13
8:15 AM	17	11	11
8:30 AM	17	14	10
8:45 AM	17	14	12
9:00 AM	17	16	13
9:15 AM	19	16	17
9:30 AM	19	17	12
9:45 AM	20	15	16
10:00 AM	20	15	16
10:15 AM	22	18	18
10:30 AM	23	18	19
10:45 AM	24	23	22
11:00 AM	23	26	22
11:15 AM	24	24	23
11:30 AM	22	24	21
11:45 AM	19	26	18



# NETA Parking Accumulation

162 Grove Street

March 2022

	Thursday	Friday	Saturday
Time of Day	3/3/2022	3/4/2022	3/5/2022
12:00 PM	23	28	20
12:15 PM	26	34	20
12:30 PM	26	30	21
12:45 PM	25	30	21
1:00 PM	24	26	22
1:15 PM	27	31	23
1:30 PM	33	33	27
1:45 PM	31	38	35
2:00 PM	35	40	32
2:15 PM	32	38	26
2:30 PM	25	36	25
2:45 PM	29	32	26
3:00 PM	21	32	20
3:15 PM	27	32	24
3:30 PM	36	37	22
3:45 PM	33	40	21
4:00 PM	34	31	21
4:15 PM	27	27	23
4:30 PM	22	27	24
4:45 PM	24	27	23
5:00 PM	20	27	19
5:15 PM	19	24	25
5:30 PM	18	21	22
5:45 PM	20	27	17
6:00 PM	19	27	18
6:15 PM	19	22	18
6:30 PM	18	22	16
6:45 PM	23	19	17
7:00 PM	15	19	15
7:15 PM	17	17	16
7:30 PM	14	21	14
7:45 PM	16	17	15
8:00 PM	15	18	16
8:15 PM	15	16	17
8:30 PM	18	17	18
8:45 PM	18	15	15
9:00 PM	8	8	6
9:15 PM	6	7	4
9:30 PM	6	3	1
9:45 PM	1	1	1
10:00 PM	1	1	1
10:15 PM	1	1	1
10:30 PM	1	1	1
10:45 PM	1	1	1
11:00 PM	1	1	1
11:15 PM	1	1	1
11:30 PM	1	1	1
11:45 PM	1	1	1
<b>AM Peak</b>	<b>17</b>	<b>14</b>	<b>13</b>
<b>PM Peak</b>	<b>34</b>	<b>31</b>	<b>25</b>
<b>Overall Peak</b>	<b>36</b>	<b>40</b>	<b>35</b>

# REVISED TRANSPORTATION DEMAND MANAGEMENT PLAN



## **Transportation Demand Management Plan**

**New England Treatment Access  
162 Grove Street  
Franklin, Massachusetts**

**Revised December 29, 2021**

### *Purpose*

The purpose of this revised Transportation Demand Management Plan (TDMP) is to minimize vehicle trips associated with the newly opened New England Treatment Access (NETA) co-located medical and adult use marijuana dispensary located at 162 Grove Street. This TDMP defines transportation-related performance goals for the project and describes measures that NETA will implement as part of the project to meet these goals. The TDMP includes a traffic monitoring program that describes how the performance goals will be measured. Remedial actions to be taken by NETA should the project fail to meet its performance goals are also identified. The plan outlines an iterative process of implementing management strategies, measuring results, and proposing new strategies, as warranted, that NETA will undertake to meet the transportation performance goals.

### *Project Description*

The project involves the redevelopment of the former Doering Equipment Company, located at 162 Grove Street in Franklin, Massachusetts. The project site had previously supported the former commercial vehicle design and fabrication facility. The project site formerly included a house and a 9,640 square foot (sf) rear warehouse previously used to accommodate the Doering Equipment operations. The dispensary project called for the reuse of the existing buildings with a 2,583 sf infill expansion for a total of 16,087 square feet (including 3,856 sf of retail space, 4,647 sf of office space, and 7,584 sf of warehouse space related to the sale of medical and adult-use marijuana products).

Access to the site is provided by reuse of the former driveway located on the east side of Grove Street, approximately 160 feet south of the Grove Street Business Park. The anticipated parking demands associated with the proposed project will be accommodated by 141 on-site parking spaces.

The current hours of operation for the dispensary are 8:00 AM to 9:00 PM, Monday through Saturday and 9:00 AM to 9:00 PM on Sunday.

### *Transportation Demand Management Plan*

NETA seeks to limit the number of vehicle trips generated to and from the project site while still providing an appropriate level of service and convenience for patrons. Independent of the environmental and health benefits associated with travel by alternative modes, limiting the number of vehicle trips generated will help ensure that:

- Potential project-related impacts on area traffic operations and traffic safety are reduced; and
- The 141 parking spaces at the site adequately serve employees and patrons.

NETA is committed to limiting vehicle trip generation associated with the project by:

- Communicating with clients regarding transportation options using "Traveling to NETA" guides, a website, signage, and other methods;
- Designating a transportation coordinator for the site who will be responsible for promoting the use of alternative travel modes, communicating with the Town on transportation matters, and implementing this TDMP;
- Providing preferential parking for employees and customers who carpool to the site;
- Providing incentives for employees to use public transportation, including but not limited to, a 100 percent subsidy for employee transit passes and 100 percent parking subsidy at MBTA lots to encourage the use of public transportation; and,
- Offering a guaranteed ride home under unexpected emergency conditions to employees who choose not to drive to work.

NETA has already implemented some of the above strategies at their other existing facilities, which have proven to be extremely effective in minimizing site generated traffic.

### *Performance Goals*

Performance goals for the facility from a transportation perspective relate to vehicle trip generation and parking demand. The traffic performance goals are based on forecasts prepared for the project in the latest trip generation letter, dated December 29, 2021. The parking performance goals are based on the previous parking demands, noted in the August 14, 2020 Traffic Impact Summary. Traffic forecasts and goals for the project include:

- 91 total vehicle trips generated to or from the site during the weekday morning peak hour;
- 141 total vehicle trips generated to or from the site during the weekday evening peak hour;
- 179 total vehicle trips generated to or from the site during the Saturday afternoon peak hour;
- Peak parking demand of 76 vehicles on a weekday; and,
- Peak parking demand of 67 vehicles on a Saturday.

The August 2020 traffic summary letter indicates that upon achieving these goals the project will have a nominal impact on area traffic operations and the proposed 141-space on-site parking lot will be more than sufficient to accommodate the anticipated parking demand. The December 2021 trip generation

letter indicates that the revised trip generation with the removal of the Reserve Ahead only restriction will not have a noticeable impact on area operations, as compared to the previously approved project with the restriction.

### *Performance Monitoring*

The performance of the facility from a transportation perspective will be monitored periodically to determine if the above referenced goals are being met. Monitoring will be conducted by a qualified transportation engineering consultant and will include the following:

- A count of vehicles entering and exiting the site by 15-minute intervals; and
- A count of the number of vehicles parked or circulating on site at 15-minute intervals.

The count program will be conducted on two typical weekdays and a Saturday, from 15 minutes prior to opening until 15 minutes after closing, on dates to be approved by the Town in advance of the study. The study data and findings will be presented in a letter report to be submitted to the Town within 30 days of completing the study. In the event that the project is found to not be meeting the performance goals, the study shall describe additional remedial actions to be taken to meet the goals as described in greater detail below.

The first traffic monitoring study will be conducted three months after opening of the business. A follow-up monitoring program is scheduled to be conducted a year later, approximately 15 months following the opening of the business.

In addition to the traffic monitoring, the following information will be submitted to the Town on an annual basis:

- Number of annual on-site transactions (an indication of the number of client visits);
- Number of annual off-site transactions (deliveries);
- Number of monthly MBTA passes purchased or subsidized for employees.

The site's transportation coordinator will be responsible for submitting this information to the Town. The current transportation coordinator's name and contact information are provided below. The Town will be notified within 30 days of any change in the site's transportation coordinator.

Mimi Herrick  
Director, Inventory Management & Distribution  
NETA  
Phone: (413) 433-5773  
Email: [mherrick@netacare.org](mailto:mherrick@netacare.org)

### *Remedial Actions*

If any subsequent monitoring study indicates that the performance goals are not being met, NETA will take additional remedial actions, as needed, to manage site traffic and parking conditions. The transportation related thresholds requiring further action include:

- The average number of vehicle trips generated during the adjacent street AM and PM commuter peak hours exceeds the stated goal by more than 25 percent;
- The average number of vehicle trips generated during the Saturday PM peak hour exceeds the stated goal by more than 25 percent; and,
- The number of patron vehicles parked or circulating on the site exceeds the stated goal by more than ten percent for more than ten percent of the time (84 or more cars are observed or reported for at least 12 of the 118 “15-minute” observations made over the two-day weekday observations or 74 or more cars are observed for at least six of the 59 “15-minute” Saturday observations).

Additional actions that may be implemented if the performance criteria are not met may include but are not limited to:

- Developing additional incentives to encourage customers patients to use public transportation or carpool; and
- Conversion back to a reserve ahead only operation, limiting the number of pick up times.

If required, the additional remedial actions will be implemented within 30 days of submittal of the traffic monitoring report to the Town that indicated that one or more performance measures were not met. A follow-up traffic study will be completed and submitted to the Town within 60 days of implementing the remedial actions. If the follow-up study indicates that the remedial measures have been effective and that none of the above triggers are met, then a second follow-up study will be conducted approximately six months following completion of the first follow-up study. Should the second follow-up study indicate that none of the above triggers are met then this will be the last study prepared until such time that any significant change in the use or operation of the site is proposed.



**TETRA TECH**

## **Transportation Demand Management Plan**

**New England Treatment Access  
162 Grove Street  
Franklin, Massachusetts**

**Submitted August 14, 2020**

### ***Purpose***

The purpose of this Transportation Demand Management Plan (TDMP) is to reduce vehicle trips associated with the proposed New England Treatment Access (NETA) co-located medical and adult use marijuana dispensary to be located at 162 Grove Street. This TDMP defines transportation-related performance goals for the project and describes measures that NETA will implement as part of the project to meet these goals. The TDMP includes a traffic monitoring program that describes how the performance goals will be measured. Remedial actions to be taken by NETA should the project fail to meet its performance goals are also identified. The plan outlines an iterative process of implementing management strategies, measuring results, and proposing new strategies, as warranted, that NETA will undertake to meet the transportation performance goals.

### ***Project Description***

The project involves the redevelopment of the former Doering Equipment Company, located at 162 Grove Street in Franklin, Massachusetts. The project site had previously supported the former commercial vehicle design and fabrication facility, which is currently vacant. The project site currently includes a house and a 9,640 square foot (sf) rear warehouse previously used to accommodate the Doering Equipment operations. The proposed project calls for the reuse of the existing buildings with a 2,583 sf infill expansion for a total of 16,087 square feet (including 3,856 sf of retail space, 4,647 sf of office space, and 7,584 sf of warehouse space related to the sale of medical and adult-use marijuana products).

Access to the site will be provided by reuse of the existing driveway located on the east side of Grove Street, approximately 160 feet south of the Grove Street Business Park. The anticipated parking demands associated with the proposed project will be accommodated by 141 on-site parking spaces.

The proposed hours of operation for the dispensary are 8:00 AM to 10:00 PM, seven days a week.

### ***Transportation Demand Management Plan***

NETA seeks to limit the number of vehicle trips generated to and from the project site while still providing an appropriate level of service and convenience for patrons. Independent of the environmental and health benefits associated with travel by alternative modes, limiting the number of vehicle trips generated will help ensure that:

- Potential project-related impacts on area traffic operations and traffic safety are reduced; and
- The 141 parking spaces at the site adequately serve employees and patrons.

NETA is committed to limiting vehicle trip generation associated with the project by:

- Operating under a "reserve ahead" only online ordering platform that minimizes patron visit times and staggers visits throughout the day, with a proposed schedule to minimize transactions during the weekday commuter peak hours;
- Communicating with clients regarding transportation options using "Traveling to NETA" guides, a website, signage, and other methods;
- Designating a transportation coordinator for the site who will be responsible for promoting the use of alternative travel modes, communicating with the Town on transportation matters, and implementing this TDMP;
- Providing preferential parking for employees and customers who carpool to the site;
- Providing incentives for employees to use public transportation, including but not limited to, a 100 percent subsidy for employee transit passes and 100 percent parking subsidy at MBTA lots to encourage the use of public transportation; and,
- Offering a guaranteed ride home under unexpected emergency conditions to employees who choose not to drive to work.

NETA has already implemented some of the above strategies at their other existing facilities, which have proven to be extremely effective in minimizing site generated traffic.

### ***Performance Goals***

Performance goals for the facility from a transportation perspective relate to vehicle trip generation and parking demand. The goals are based on forecasts prepared for the project in the latest traffic summary letter, dated August 14, 2020. Traffic forecasts and goals for the project include:

- 75 total vehicle trips generated to or from the site during the weekday morning peak hour;
- 75 total vehicle trips generated to or from the site during the weekday evening peak hour;
- 175 total vehicle trips generated to or from the site during the Saturday afternoon peak hour;
- Peak parking demand of 76 vehicles on a weekday; and,
- Peak parking demand of 67 vehicles on a Saturday.



The latest (August 2020) traffic summary letter indicates that upon achieving these goals the project will have a nominal impact on area traffic operations and the proposed 141-space on-site parking lot will be more than sufficient to accommodate the anticipated parking demand.

### ***Performance Monitoring***

The performance of the facility from a transportation perspective will be monitored periodically to determine if the above referenced goals are being met. Monitoring will be conducted by a qualified transportation engineering consultant and will include the following:

- A count of vehicles entering and exiting the site by 15-minute intervals; and
- A count of the number of vehicles parked or circulating on site at 15-minute intervals.

The count program will be conducted on two typical weekdays and a Saturday, from 15 minutes prior to opening until 15 minutes after closing, on dates to be approved by the Town in advance of the study. The study data and findings will be presented in a letter report to be submitted to the Town within 30 days of completing the study. In the event that the project is found to not be meeting the performance goals, the study shall describe additional remedial actions to be taken to meet the goals as described in greater detail below.

The first traffic monitoring study will be conducted three months after opening of the business. A follow-up monitoring program is scheduled to be conducted a year later, approximately 15 months following the opening of the business.

In addition to the traffic monitoring, the following information will be submitted to the Town on an annual basis:

- Number of annual on-site transactions (an indication of the number of client visits);
- Number of annual off-site transactions (deliveries);
- Number of monthly MBTA passes purchased or subsidized for employees.

The site's transportation coordinator will be responsible for submitting this information to the Town. The current transportation coordinator's name and contact information are provided below. The Town will be notified within 30 days of any change in the site's transportation coordinator.

Angela Cheek  
NETA  
Phone: (413) 230-1978  
Email: [acheek@liveparallel.com](mailto:acheek@liveparallel.com)

### ***Remedial Actions***

If any subsequent monitoring study indicates that the performance goals are not being met, NETA will take additional remedial actions, as needed, to manage site traffic and parking conditions. The transportation related thresholds requiring further action include:

- The average number of vehicle trips generated during the adjacent street AM and PM

commuter peak hours exceeds the stated goal by more than 25 percent;

- The average number of vehicle trips generated during the Saturday PM peak hour exceeds the stated goal by more than 25 percent; and,
- The number of patron vehicles parked or circulating on the site exceeds the stated goal by more than ten percent for more than ten percent of the time (84 or more cars are observed or reported for at least 12 of the 118 "15-minute" observations made over the two-day weekday observations or 74 or more cars are observed for at least six of the 59 "15-minute" Saturday observations).

Additional actions that may be implemented if the performance criteria are not met may include but are not limited to:

- Developing additional incentives to encourage customers patients to use public transportation or carpool; and
- Further restriction on the number of pick up times.

If required, the additional remedial actions will be implemented within 30 days of submittal of the traffic monitoring report to the Town that indicated that one or more performance measures were not met. A follow-up traffic study will be completed and submitted to the Town within 60 days of implementing the remedial actions. If the follow-up study indicates that the remedial measures have been effective and that none of the above triggers are met, then a second follow-up study will be conducted approximately six months following completion of the first follow-up study. Should the second follow-up study indicate that none of the above triggers are met then this will be the last study prepared until such time that any significant change in the use or operation of the site is proposed.