

TRAFFIC IMPACT AND ACCESS STUDY

RIVERWOODS PHASE II REDEVELOPMENT DURHAM, NEW HAMPSHIRE

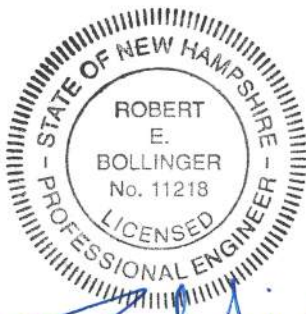
GPI

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SUBMITTED TO:

RiverWoods Durham
14 Stone Quarry Drive
Durham, New Hampshire 03824



June 2025

(GPI Project No.: NEX-2500003.00)

***RiverWoods Durham
RiverWoods Phase II Redevelopment
Traffic Impact and Access Study
June 13, 2025***

[Signature]
6/13/2025

TECHNICAL MEMORANDUM

REF: NEX-2500003.00

DATE: June 13, 2025

TO: Ms. Natalee Belanger, Executive Director
RiverWoods Durham
14 Stone Quarry Drive
Durham, New Hampshire 03824

FROM: Mr. Robert E. Bollinger, P.E., PTOE, Traffic Engineering Department Head
Ms. Susannah E. Theriault, Senior Engineer
Ms. Cecilia Donaldson, Designer

RE: Traffic Impact and Site Access Study
RiverWoods Phase II Redevelopment
Stone Quarry Drive (Map 209/Lot 33) – Durham, New Hampshire

INTRODUCTION

Greenman-Pedersen, Inc. (GPI) has prepared this *Traffic Impact and Site Access Study (TIAS)* for proposed RiverWoods Durham Phase II redevelopment to be located on the north side of Stone Quarry Drive (Map 209 / Lot 33) in Durham, New Hampshire. The site is currently vacant; however, Stone Quarry Drive currently provides access to: RiverWoods Durham Phase I; the Town of Durham, New Hampshire Department of Public Works; and an egress only driveway for commercial properties located at 56 Dover Road (NH Route 108). The project consists of constructing 55 new residential dwellings, which will be age-restricted, exclusively for residents of RiverWoods. Ancillary uses currently proposed include: a new 6,443± square foot (SF) community center (for exclusive use by residents); a 3,095± SF addition to the existing RiverWoods Phase I dining facilities; and a 2,400± SF garage to house RiverWoods maintenance equipment. Access and egress are proposed to the site via three new driveways on the north side of Stone Quarry Drive, east of Dover Road.

The site location in relation to the surrounding roadways is shown on the attached map on Figure 1.



EXISTING CONDITIONS

Study Area

Evaluation of the traffic impacts associated with the proposed project requires an evaluation of existing and projected traffic volumes on the adjacent streets, the volume of traffic expected to be generated by the project, and the impact that this traffic will have on the adjacent streets and nearby intersections. In preparing the TIAS for the proposed redevelopment, the following unsignalized intersection was analyzed and evaluated:

- Dover Road (NH Route 108) at Stone Quarry Drive

Stone Quarry Drive

Stone Quarry Drive is a local roadway under the jurisdiction of the Town of Durham. Stone Quarry Drive is a dead-end, east-west roadway in the vicinity of the site that provides access to RiverWoods Durham and the Town of Durham Department of Public Works. Stone Quarry Drive provides one travel lane in each direction, with directional travel separated by a double yellow centerline. The speed limit is posted at 25 mph in both directions. Sidewalks are provided along the southern side of the roadway. Neither painted shoulders nor formal bicycle accommodations are provided.

Dover Road (NH Route 108)

Dover Road (NH Route 108) is under the jurisdiction of New Hampshire Department of Transportation (NHDOT) and is classified as a minor arterial. Dover Road runs in the general north-south direction and provides one travel lane in each direction with exclusive turn lanes at major intersections. Directional travel is separated by a double yellow centerline. The speed limit is posted at 35 mph in both directions. A sidewalk is provided along the eastern side of the roadway south of Dover Road's intersection with Stone Quarry Drive. Bike lanes are provided along both sides of the roadway.

Dover Road (NH Route 108) at Stone Quarry Drive

Stone Quarry Drive intersects Dover Road from the east to form a three-way, unsignalized intersection. Stone Quarry Drive operates under STOP control and Dover Road operates under free conditions. All approaches provide one general purpose lane for all movements. Dover Road provides a sidewalk south of the intersection, along the eastern side of the roadway, and provides bike lanes on both sides of the roadway. Stone Quarry Drive provides a sidewalk on the southern side of the roadway.

Public Transportation

The University of New Hampshire (UNH) provides two bus routes within a half mile of the site. Fares are \$1.50 per ride for the public; a reduced fare is provided for passengers over 65 or passengers with a disability; COAST monthly passes and single ride passes are accepted as a fare; students, faculty, and staff ride for free with a valid ID card; and children under 5 ride for free. Below is a description of the two routes:

- Bus Route 3 – Dover – The closest stop is provided at the intersection of Dover Road at Stone Quarry Drive. Route 3 provides Route 3A and Route 3B. Route 3A originates in Durham at UNH and takes Route 108 to Dover and returns to Durham along Route 155, with various stops along the way. Route 3B originates in Durham at UNH and takes Route 155 to Dover and returns to Durham along Route 108, with various stops along the way. Route 3A service is

provided on Monday through Friday from 6:40 AM to 6:04 PM and on Saturday from 10:05 AM to 7:34 PM during the fall and spring semesters. A reduced schedule is provided on Monday through Friday from 10:05 AM to 7:04 PM during the winter, spring, and summer break periods. Route 3B service is provided on Monday through Friday from 6:40 AM to 10:33 PM and on Saturday from 11:05 AM to 9:03 PM during the fall and spring semesters. A reduced schedule is provided on Monday through Friday from 6:40 AM to 5:33 PM during the winter, spring, and summer break periods.

- Bus Route 4 – Portsmouth – The closest stop is provided approximately one half mile away from the site (9-minute walk), on Dover Road just south of the US Route 4 interchange. A sidewalk is provided along the eastern side of Dover Road between the site and the bus stop. Route 4 provides Route 4A and Route 4B. Route 4A originates in Durham at UNH and goes to the malls, downtown, the Islington Street corridor, downtown, the malls again, and then returns to UNH; with various stops along the way. Route 4B originates in Durham at UNH and goes to the malls, the Islington Street Corridor, downtown, the malls again, and then returns to UNH; with various stops along the way. Route 4A service is provided on Monday through Friday from 6:40 AM to 10:49 PM, on Saturday from 11:35 AM to 8:31 PM, and on Sunday during the fall and spring semesters. A reduced schedule is provided on Monday through Friday from 6:40 AM to 7:21 PM during the winter, spring, and summer break periods. Route 4B service is provided on Monday through Friday from 8:45 AM to 9:19 PM, on Saturday from 1:05 PM to 10:34 PM, and on Sunday during the fall and spring semesters. A reduced schedule is provided on Monday through Friday from 9:35 AM to 5:50 PM during the winter, spring, and summer break periods.

All public transportation information is provided in the Appendix.

Traffic Volumes

Base traffic conditions within the study area were developed by collecting manual turning movement counts (TMC) at the study area intersection on Wednesday, April 23, 2025 during the weekday AM peak period (7:00 to 9:00 AM) and weekday PM peak period (3:00 to 6:00 PM). In addition, automatic traffic recorder (ATR) counts were collected along Dover Road (NH Route 108) and Stone Quarry Drive for a 48-hour period extending from Wednesday April 23, 2025 through Thursday April 24, 2025 to obtain daily traffic volumes and vehicle travel speeds along the roadways. All traffic-count data are provided in the Appendix.

Seasonal Adjustment

Traffic on a given roadway typically fluctuates throughout the year depending on the area and the type of roadway. Based on NHDOT guidelines for the preparation of a traffic study, existing traffic volumes must represent the peak of the monthly average peak-hour conditions. To determine if the data needed to be adjusted to account for this fluctuation, seasonal adjustment and historical count data provided by NHDOT were reviewed. The closest continuous count station of similar functional class still actively collecting data (Durham¹ – US 4 east of NH 108) was utilized. This information revealed that April traffic volumes are 7-percent lower than peak-month conditions. Therefore, the traffic counts were upwardly adjusted to reflect peak-month conditions, as needed. The NHDOT seasonal adjustment factors are provided in the Appendix.

¹ NHDOT Count Station 02133021 – Durham – US 4 (Piscataqua Road) east of NH 108 (Dover Road).

TABLE 1
Existing Traffic Volume Summary

Location/Time Period	Daily Volume (vpd) ^a	Peak Hour Volume (vph) ^b	K Factor (%) ^c	Directional Distribution ^d
Dover Road (NH Route 108), North of Stone Quarry Drive: Weekday Daily Weekday AM Peak Hour Weekday PM Peak Hour	12,450	1,027 1,137	8.2 9.1	56% SB 56% NB
Stone Quarry Drive, Between RiverWoods Driveways: Weekday Daily Weekday AM Peak Hour Weekday PM Peak Hour	610	67 58	11.0 9.5	73% EB 64% WB

^a In vehicles per day. Based on ATR counts collected on April 23, 2025, upwardly adjusted by 7-percent to represent peak-month conditions.

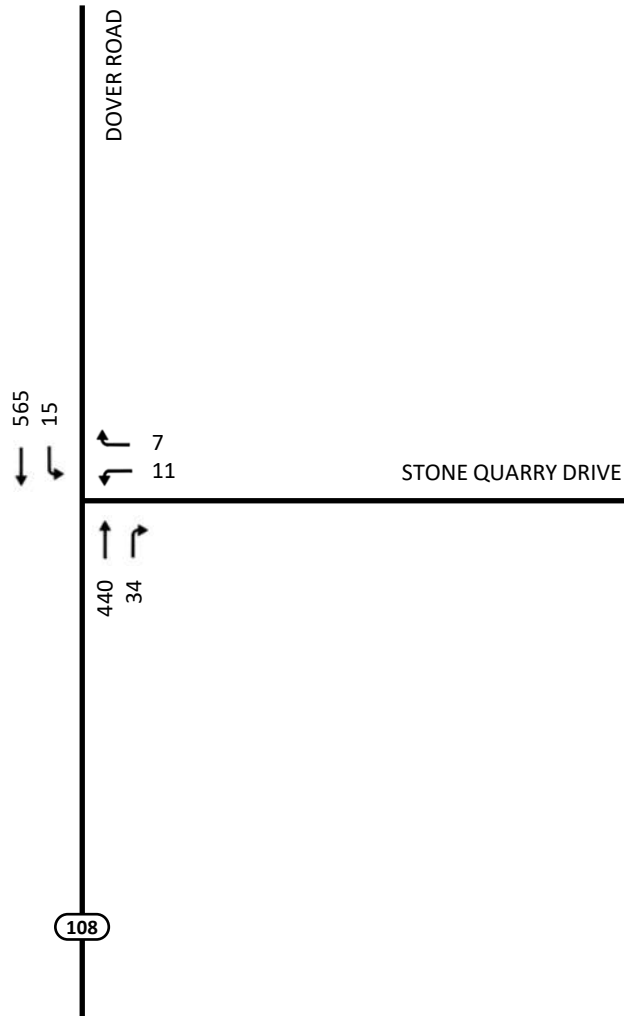
^b In vehicles per hour. Volumes obtained from Figure 2.

^c Percentage of daily traffic occurring during the peak hour.

^d SB = southbound, NB = northbound, EB = eastbound, and WB = westbound. Percentages from volumes on Figure 2.



WEEKDAY AM



WEEKDAY PM

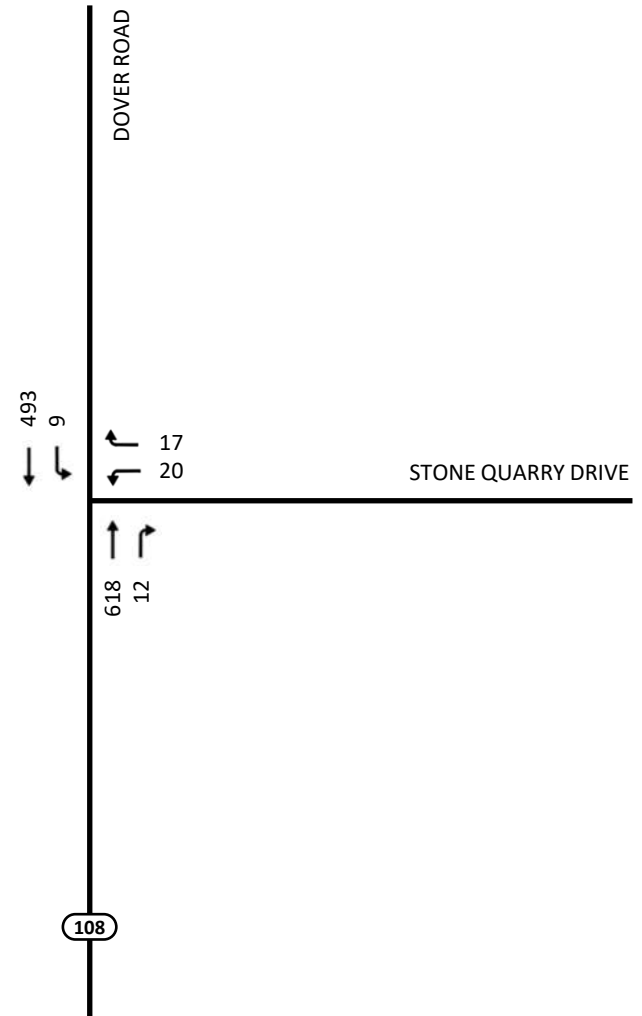


FIGURE 2
2025 EXISTING
PEAK HOUR TRAFFIC VOLUMES

Collisions

Collision data from NHDOT were researched for the latest three-year period available (2015-2017) at the study area intersection. The summary of the crash data is provided in Table 2.

The intersection of Dover Road (NH Route 108) at Stone Quarry Drive experienced two collisions over the three-year study period for an average of 0.67 collisions per year. Both crashes occurred in 2015. One of the crashes was a collision with another vehicle that occurred during the PM commuter peak period with unknown severity. The other was a collision with an animal that resulted in property damage only. Both collisions occurred during dry conditions.

TABLE 2
Collision Summary

Location	Number of Collisions		Severity ^a				Percent During	
	Total	Average per Year	PD	PI	F	NR	Commuter Peak ^b	Wet/Icy Conditions ^c
Dover Road (NH Route 108) at Stone Quarry Drive	2	0.67	1	--	--	1	50%	0%

Source: NHDOT (2015-2017).

^a PD = property damage only; PI = personal injury; F = fatality, NR = not reported.

^b Percent of crashes that occurred during the weekday AM (7:00 AM-9:00 AM) and weekday PM (3:00 PM -6:00 PM) commuter peak periods.

^c Represents the percentage of only "known" collisions occurring during inclement weather conditions.

Additionally, both the NHDOT Highway Safety Section and Durham Police Department were contacted for crash data; however, at the time of publication of this report, information had not yet been received.

Vehicle Speeds

Vehicle speed measurements were conducted along Dover Road and Stone Quarry Drive as part of the data collected in April 2025. The speed data is provided in the Appendix and the results of the speed measurements are summarized in Table 3.

TABLE 3
Observed Travel Speeds

Location/Direction	Posted Speed Limit ^a	Average Speed ^b	85 th Percentile Speed ^c
Dover Road (Route 108), North of Stone Quarry Drive:			
<i>Northbound</i>	35	35	41
<i>Southbound</i>	35	38	43
Stone Quarry Drive, Between RiverWoods Driveways:			
<i>Eastbound</i>	25	25	29
<i>Westbound</i>	25	27	33

^a In miles per hour (mph).

^b Average speed at which observed vehicles travel.

^c Speed at or below which 85 percent of all observed vehicles travel.

As shown in Table 3, the average speeds on Dover Road (Route 108) and Stone Quarry Drive are generally consistent with the posted speed limits. The 85th percentile speeds were found to be between 4 and 8 mph higher than the posted speed limits.

Sight Distance

To identify potential safety concerns associated with site access and egress, sight distances have been evaluated at the intersection of Dover Road at Stone Quarry Drive to determine if the available sight distances for vehicles exiting the site meet or exceed the minimum distances required for approaching vehicles to safely stop. The available sight distances were compared with the minimum requirements, as established by the American Association of State Highway and Transportation Officials (AASHTO).² AASHTO is the national standard by which vehicle sight distance is calculated, measured, and reported. In addition, the available sight distances were compared with the NHDOT requirement of 400 feet of All-Season Safe Sight Distance.

Sight distance is the length of roadway ahead that is visible to the driver. Stopping Sight Distance (SSD) is the minimum distance required for a vehicle traveling at a certain speed to safely stop before reaching a stationary object in its path. The values are based on a driver perception and reaction time of 2.5 seconds and a braking distance calculated for wet, level pavements. When the roadway is either on an upgrade or downgrade, grade correction factors are applied. Stopping sight distance is measured from an eye height of 3.5 feet to an object height of 2 feet above street level, equivalent to the taillight height of a passenger car. The SSD is measured along the centerline of the traveled way of the major road.

Intersection sight distance (ISD) is provided on minor street approaches to allow the drivers of stopped vehicles a sufficient view of the major roadway to decide when to enter the major roadway. By definition, ISD is the minimum distance required for a motorist exiting a minor street to turn onto the major street, without being overtaken by an approaching vehicle reducing its speed from the design speed to 70 percent of the design speed. ISD is measured from an eye height of 3.5 feet to an object height of 3.5 feet above street level. The use of an object height equal to the driver eye height makes intersection sight distances reciprocal (i.e., if one driver can see another vehicle, then the driver of that vehicle can also see the first vehicle). When the minor street is on an upgrade that exceeds 3 percent, grade correction factors are applied.

SSD is generally more important as it represents the minimum distance required for safe stopping while ISD is based only upon acceptable speed reductions to the approaching traffic stream. The ISD, however, must be equal to or greater than the minimum required SSD in order to provide safe operations at the intersection. In accordance with the AASHTO manual, *“If the available sight distance for an entering or crossing vehicle is at least equal to the appropriate stopping sight distance for the major road, then drivers have sufficient sight distance to anticipate and avoid collisions. However, in some cases, this may require a major-road vehicle to stop or slow to accommodate the maneuver by a minor-road vehicle. To enhance traffic operations, intersection sight distances that exceed stopping sight distances are desirable along the major road.”* Accordingly, ISD should be at least equal to the distance required to allow a driver approaching the minor road to safely stop.

The available SSD and ISD at the intersection of Dover Road at Stone Quarry Drive were measured and compared to minimum requirements as established by AASHTO. Based on the posted and observed speeds, the SSD and ISD requirements were calculated. The sight distance calculations are provided in the Appendix. The minimum required sight distances based on AASHTO were compared to the available distances, as shown in Table 4.

² A Policy on Geometric Design of Highways and Streets; American Association of State Highway and Transportation Officials (AASHTO); 2018.

TABLE 4
Sight Distance Summary

Location/Direction	Stopping Sight Distance (feet)		Intersection Sight Distance (feet)		
	Measured	Minimum Required ^a	Measured	Minimum Required ^b	Desirable ^c
Dover Road (NH Route 108) at Stone Quarry Drive:					
<i>South of intersection (NB)</i>	500+	300	500+	300	335
<i>North of intersection (SB)</i>	500	360	500	360	390

^a Values based on the values for the 85th percentile speed of 41 mph (NB) and 43 mph (SB) on Dover Road (NH Route 108), and 33 mph (WB) and 29 mph (EB) on Stone Quarry Drive.

^b Values based on AASHTO requirements for SSD.

^c Values based on AASHTO requirements for ISD for speed limit of 35 mph on Dover Road (NH Route 108) and 25 mph on Stone Quarry Drive.

As indicated in Table 4, available sight distances at the existing intersection of Dover Road at Stone Quarry Drive exceed the minimum and desirable SSD and ISD requirements recommended by AASHTO.

As part of the Phase II redevelopment, three new driveways are proposed on the north side of Stone Quarry Drive; one located approximately 400 feet east of Dover Road, and two located along the proposed re-aligned curve. Due to existing vegetation and the proposed realignment of the curve on Stone Quarry Drive, sight distances at the proposed site driveway locations were not obtained in the field. GPI will work with the applicant to ensure the driveways meet the AASHTO sightline requirements and the clear zones along the proposed curve remain clear of vegetation.

FUTURE CONDITIONS

To estimate the impact of site-generated traffic within the study area, existing traffic volumes were projected to the expected opening year (2026) of the project, and to the future year of 2036. These design horizons were chosen to be consistent with NHDOT guidelines for the preparation of a traffic study. Traffic volumes on the roadway network at that time will include existing traffic and new traffic due to normal traffic growth, and traffic related to any significant development by others expected to be completed within the area by the 2026 and 2036 design years. Consideration of these factors resulted in the development of 2026 No-Build and 2036 No-Build traffic volumes, which projects traffic without the proposed project built. The incremental impacts of the proposed project may then be determined by adding site-generated traffic volumes (Build conditions) and making comparisons to the No-Build conditions.

Traffic Growth

To develop the 2026 No-Build and 2036 No-Build forecast volumes, two components of traffic growth were considered. First, an annual growth percentage was determined based on the historical traffic count data obtained from NHDOT.³ The historical traffic count data indicate that traffic in the area has been increasing by approximately 0.21% per year since 2010. In order to provide a conservative (worst-case) analysis scenario, a compounded annual traffic growth rate of 1.0 percent per year was assumed to account for general population growth and the traffic generated by smaller area developments. The NHDOT historical traffic volume data are provided in the Appendix.

Second, any traffic that may be generated by planned developments that may add a substantial volume of traffic through the study area during the design horizons was considered. Based on correspondence with the Town of Durham, the following project was identified.

- Dunkin Donuts Development –This project consists of relocating an 1,100 sf Dunkin currently located in the Irving Gas Station at 4 Dover Road to a new location across the street at 3 Dover Road and adding an additional 400 sf for a total of 1,500 sf. The new Dunkin facility will not include a drive-through window. Due to the low traffic impact as presented in the Traffic Impact Study⁴ prepared for the project, this development was assumed to be included in the conservative growth rate utilized.

Planned Roadway Improvements

Based on correspondence with the Town of Durham and the NHDOT Projects Website, no proposed roadway improvements were identified.

No-Build Conditions

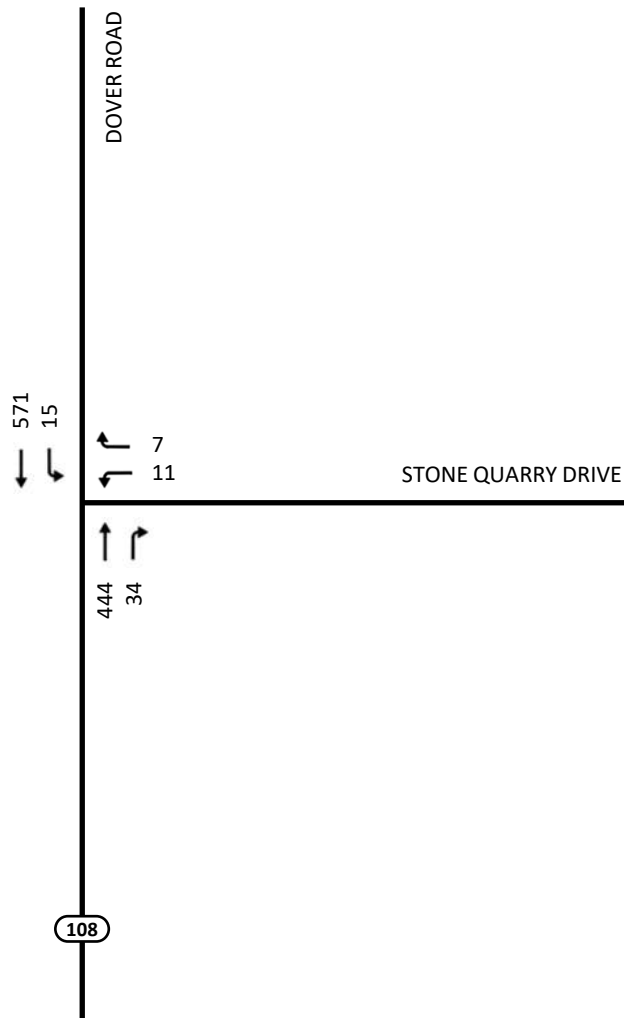
The 2026 No-Build peak-hour traffic volumes were developed by applying a 1.0-percent annual traffic growth rate to the 2025 Existing traffic volumes. The 2036 No-Build peak hour traffic volumes were developed by applying an approximately 11.6-percent compounded annual traffic growth rate (1.0 percent compounded over eleven years) to the 2025 Existing traffic volumes. The 2026 No-Build weekday AM and PM peak-hour traffic volumes are shown graphically on Figure 3. The 2036 No-Build weekday AM and PM peak-hour traffic volumes are shown graphically on Figure 4.

³ NHDOT Transportation Data Management System.

⁴ Vanasse & Associates, Inc. (VAI); *Traffic Impact Study*, Proposed Dunkin' Coffee Shop, Durham, NH; February 2025.



WEEKDAY AM



WEEKDAY PM

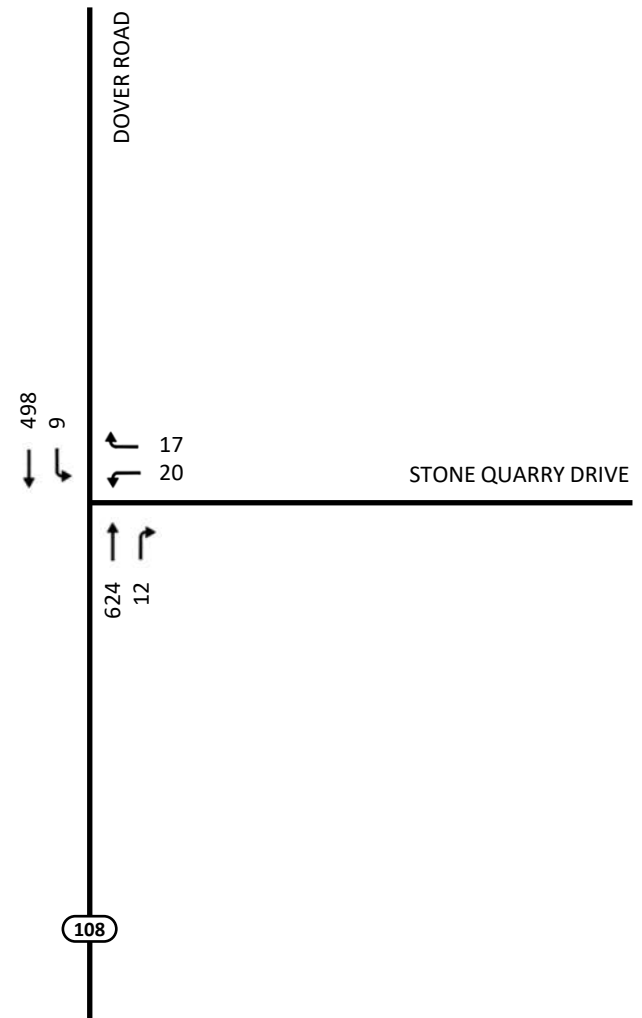
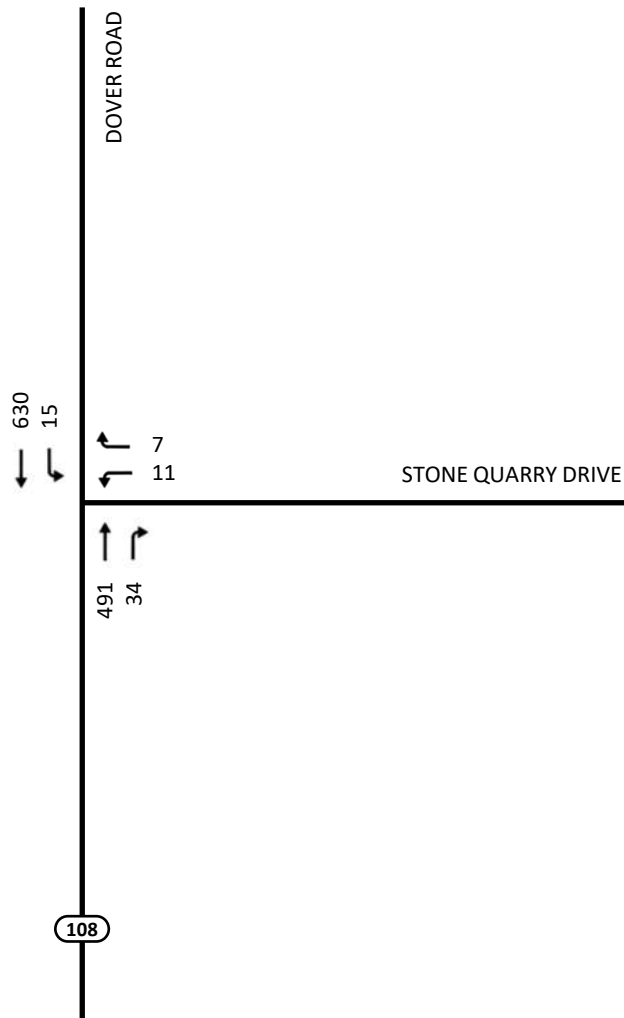


FIGURE 3
2026 NO-BUILD
PEAK HOUR TRAFFIC VOLUMES



WEEKDAY AM



WEEKDAY PM

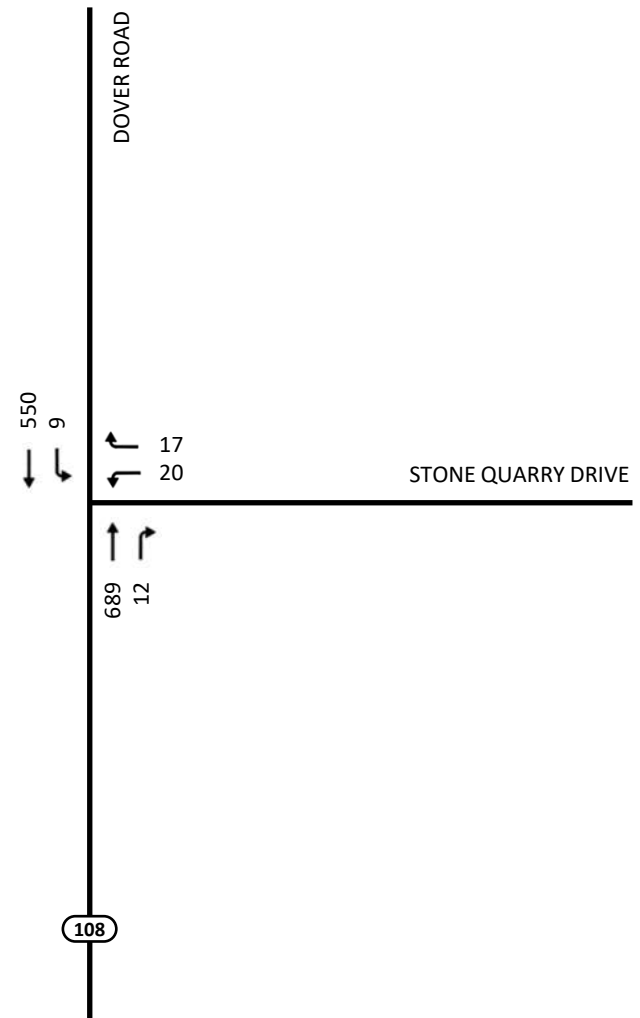


FIGURE 4
2036 NO-BUILD
PEAK HOUR TRAFFIC VOLUMES

Trip Generation

Traffic to be generated by the RiverWoods Phase II redevelopment was forecasted using data published by the Institute of Transportation Engineers (ITE) *Trip Generation Manual*⁵ for Land Use Code (LUC) 252 (Senior Adult Housing – Multifamily) based on a total of 55 dwelling units. It should be noted that the new community center, addition to the existing dining facilities, and the garage are all ancillary uses for exclusive use by residents, and therefore, traffic to be generated by these uses are captured within the LUC 252. The trip generation estimates are shown in Table 5, and supporting calculations are provided in the Appendix.

TABLE 5
Trip-Generation Summary

Peak Hour/Direction	Total Proposed Trips ^a
Weekday Daily	184
Weekday AM Peak Hour: <i>Enter</i> <u><i>Exit</i></u> <i>Total</i>	 4 <u>7</u> 11
Weekday PM Peak Hour: <i>Enter</i> <u><i>Exit</i></u> <i>Total</i>	 8 <u>6</u> 14

^a LUC 252 (Senior Adult Housing – Multifamily) for 55 units.

As shown in Table 5, the proposed RiverWoods Phase II redevelopment is expected to generate 11 vehicle trips (4 entering and 7 exiting) during the weekday AM peak hour and 14 vehicle trips (8 entering and 6 exiting) during the weekday PM peak hour.

Trip Distribution

Having estimated project-generated and redistributed trips, the next step is to determine the distribution of project traffic and assign these trips to the local roadway network. Since the existing RiverWoods facility is on Stone Quarry Drive, the distribution of the additional vehicle trips was based on the existing traffic patterns in and out of Stone Quarry Drive.

⁵ *Trip Generation Manual*, 11th Edition; Institute of Transportation Engineers; Washington, DC; 2021.

Build Traffic Volumes

Based on the traffic generation and distribution estimates for this project, the traffic volumes associated with the proposed redevelopment were assigned to the roadway network. The site-generated traffic networks for the weekday AM and weekday PM peak hours are shown on Figure 5. The site-generated traffic volumes were then added to the No-Build traffic volumes to develop the Build peak-hour traffic-volumes networks. The resulting 2026 and 2036 Build peak-hour flow networks are graphically depicted on Figure 6 and Figure 7, respectively.

Traffic Increases

The proposed redevelopment will result in increases in traffic within the study area network. As shown on Figure 5, traffic-volume increases beyond the study area are expected to be in the range of 5 to 9 vehicles. These increases represent, on average, one additional vehicle trip approximately every 6.7 to 12 minutes during the weekday peak hours.



40%
DOVER ROAD
2
2
60%

WEEKDAY AM

SITE	
Enter	4
Exit	7
Total	11

3
4
2

STONE QUARRY DRIVE

108

40%
DOVER ROAD
3
5
60%

WEEKDAY PM

SITE	
Enter	8
Exit	6
Total	14

2
4
5

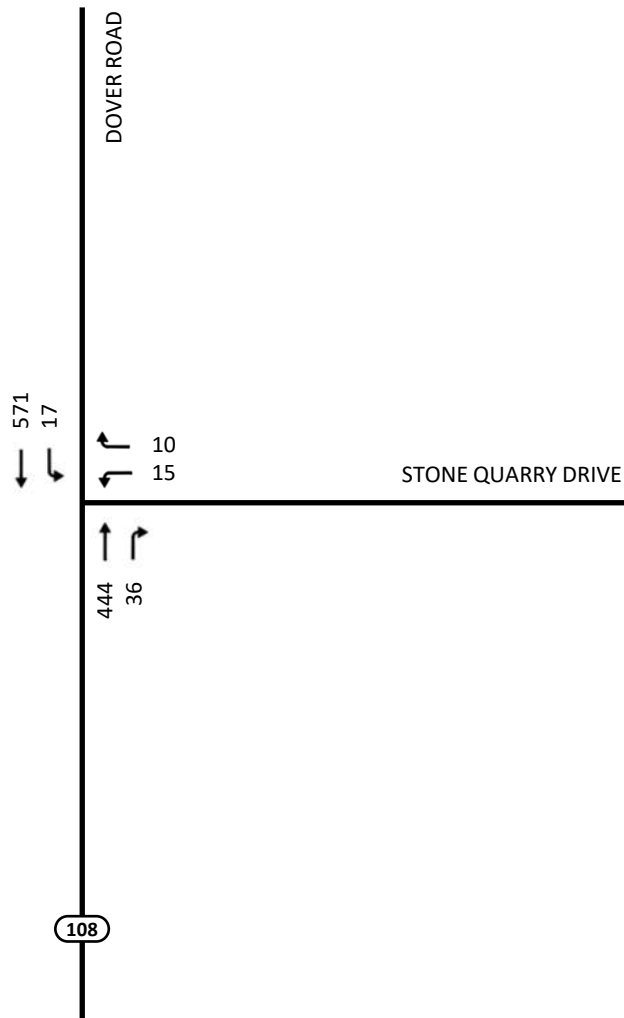
STONE QUARRY DRIVE

108

FIGURE 5
SITE GENERATED
PEAK HOUR TRAFFIC VOLUMES



WEEKDAY AM



WEEKDAY PM

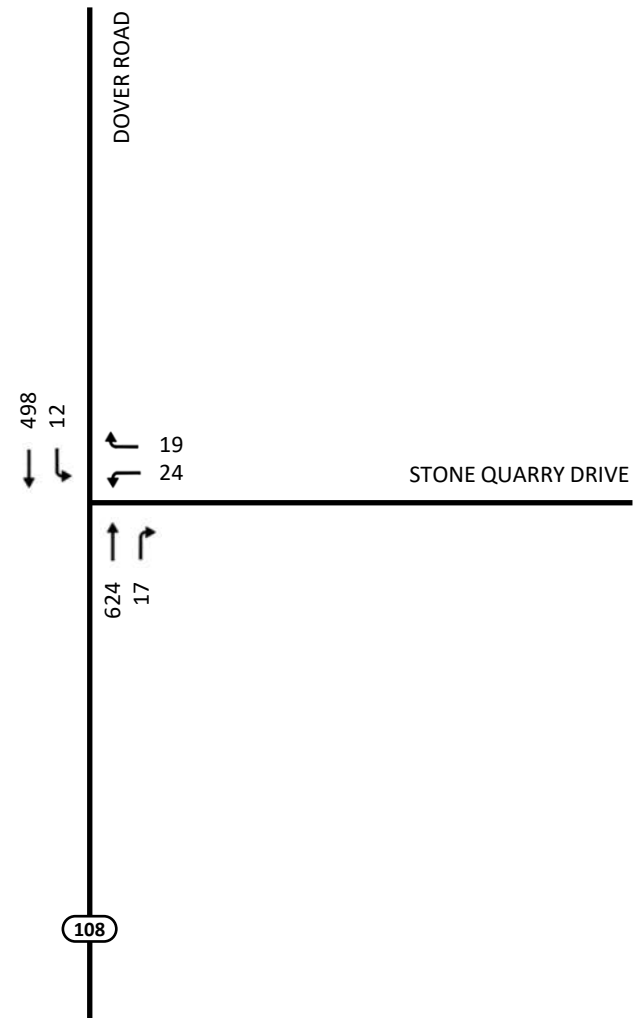
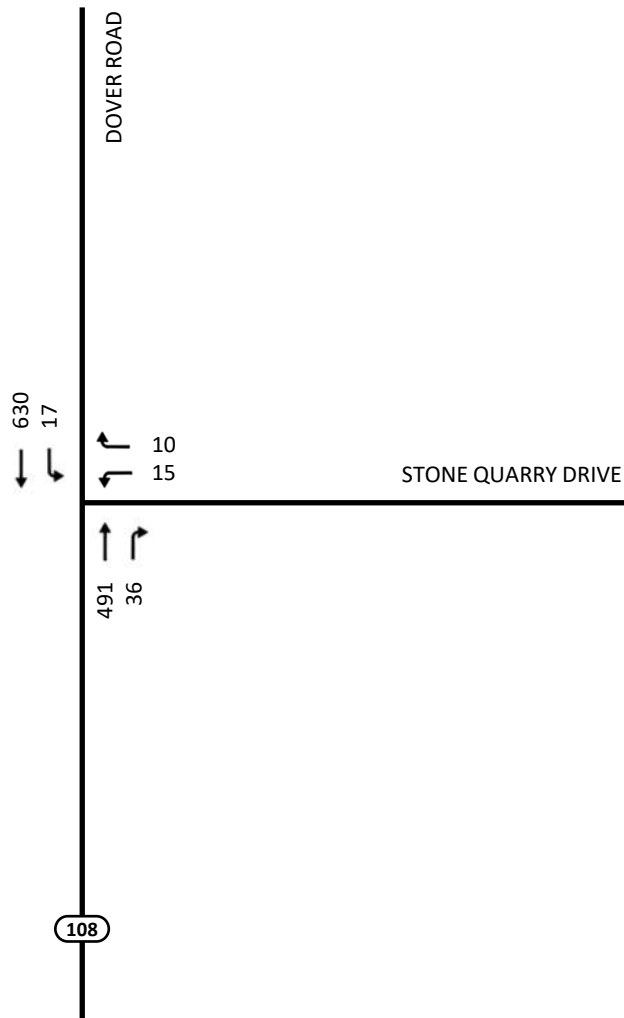


FIGURE 6
2026 BUILD
PEAK HOUR TRAFFIC VOLUMES



WEEKDAY AM



WEEKDAY PM

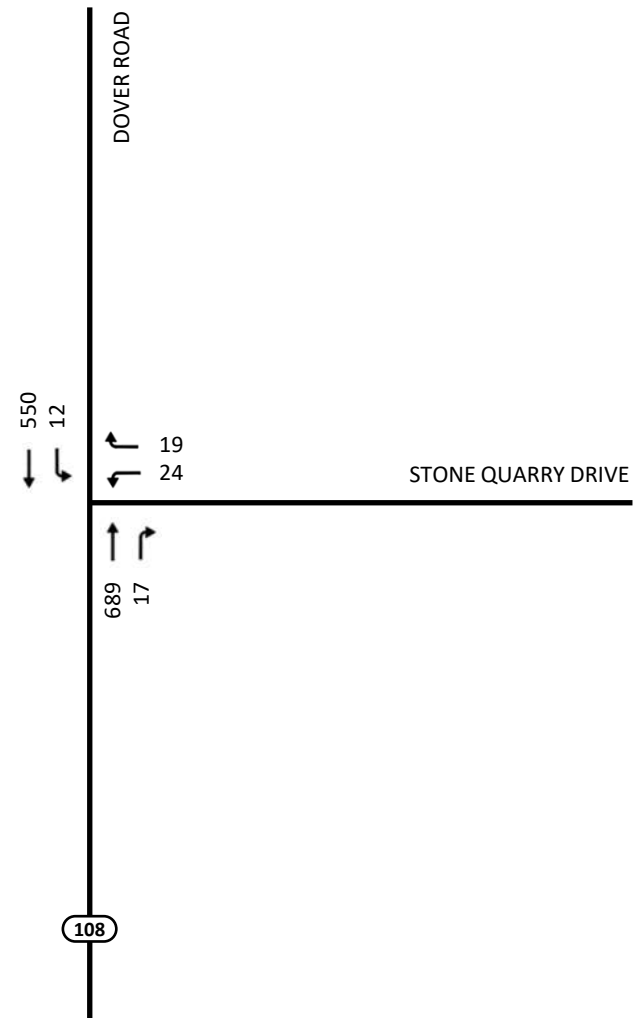


FIGURE 7
2036 BUILD
PEAK HOUR TRAFFIC VOLUMES

Site Access

In order to determine the appropriate geometric configuration of Dover Road (Route 108) on its approach to Stone Quarry Drive, auxiliary turn lane warrant analyses were conducted. These analyses assessed the need for separate left- and right-turn lanes on the mainline approaches during the weekday AM and weekday PM peak hours.

The analysis was performed based on turn lane warrant guidance provided in National Cooperative Highway Research Program (NCHRP) *Report 457 – Evaluating Intersection Improvements: An Engineering Study Guide*. The left-turn lane warrant analysis was conducted based on Figure 2-5: Guideline for Determining the Need for a Major-Road Left-Turn Bay at a Two-Way Stop-Controlled Intersection, while the right-turn lane warrant analysis was conducted based on Figure 2-6: Guideline for Determining the Need for a Major-Road Right-Turn Bay at a Two-Way Stop-Controlled Intersection. The detailed turn lane warrant analysis calculations are contained in the Appendix.

TABLE 6
Auxiliary Lane Warrant Summary

	From Dover Road onto Stone Quarry Road	
	Left-Turn Warrant	
	Weekday AM	Weekday PM
2026 No-Build	No	No
2026 Build	Yes	No
2036 No-Build	Yes	No
2036 Build	Yes	Yes
	Right-Turn Warrant	
	Weekday AM	Weekday PM
2036 Build	No	No

With the proposed project in place, an exclusive left-turn lane from Dover Road (NH Route 108) onto Stone Quarry Drive is warranted under opening-year (weekday AM peak hour only) and future-year conditions (both weekday peak hours). Given that operations indicate minimal delay on Dover Road without the implementation of a left-turn lane, and the relatively low number of expected left-turns from Dover Road to Stone Quarry Drive during peak hour periods (12- to 17 vehicles), GPI does not recommend construction of a dedicated left-turn lane at this time.

An exclusive right-turn lane from Dover Road (NH Route 108) onto Stone Quarry Drive is not warranted under any future conditions, with or without the RiverWoods Phase II redevelopment.

CAPACITY AND QUEUE ANALYSIS

Capacity and queue analyses were conducted at the study area intersection under 2025 Existing, 2026 No-Build, 2026 Build, 2036 No-Build, and 2036 Build traffic-volume conditions. The impact of site-generated traffic can be measured by comparing No-Build conditions to Build conditions.

Methodology

The capacity analysis methodology is based on the concepts and procedures in the *Highway Capacity Manual* (HCM)⁶ and is described in the Appendix. The TIAS utilizes the HCM 7th Edition methodology as it is the most recently approved method by NHDOT.

For unsignalized intersections, the 95th percentile queue represents the length of queue of the critical minor-street movement that is not expected to be exceeded 95 percent of the time during the analysis period (typically one hour). In this case, the queue length is a function of the capacity of the movement and the movement's degree of saturation.

Analysis Results

The results of the level-of-service (LOS) and queue analyses are shown in Table 7 (2026 conditions) and Table 8 (2036 conditions) and are discussed below. Capacity and queue analyses were conducted at the study area intersections utilizing *Synchro*⁷ software. The capacity and queue analysis worksheets for all conditions are provided in the Appendix.

Dover Road (NH Route 108) at Stone Quarry Drive

As shown in Tables 7 and 8, under existing and all future traffic-volume conditions, the intersection of Dover Road (NH Route 108) at Stone Quarry Drive is expected to operate with all movements on Dover Road at optimal levels (LOS A) and the Stone Quarry Drive approach at LOS D or better. As a result of the RiverWoods Phase II redevelopment, the increases in delay on any movement are expected to be minimal (less than two seconds). With the project in place, queue lengths are expected to remain at one vehicle or less with the volume-to-capacity (v/c) ratios on all movements well below 1.00, indicating there will be adequate capacity to accommodate the anticipated traffic volumes.

⁶ *Highway Capacity Manual 7th Edition*, Transportation Research Board; Washington, D.C.; 2022.

⁷ *Synchro plus SimTraffic 12*; Trafficware LLC.; Sugar Land, TX; 2024.

TABLE 7
Intersection Capacity Analysis Summary

Intersection/Peak Hour/Lane Group	2025 Existing				2026 No-Build				2026 Build			
	V/C ^a	Del. ^b	LOS ^c	Queue ^d	V/C	Del.	LOS	Queue	V/C	Del.	LOS	Queue
Dover Road (NH Route 108) at Stone Quarry Drive												
<i>Weekday AM:</i>												
Stone Quarry Dr WB approach	0.10	19.3	C	--/ <25	0.10	19.5	C	--/ <25	0.14	20.2	C	--/ <25
Dover Road SB left-turn	0.02	8.6	A	--/ <25	0.02	8.6	A	--/ <25	0.02	8.6	A	--/ <25
<i>Weekday PM:</i>												
Stone Quarry Dr WB approach	0.20	21.7	C	--/ <25	0.20	22.0	C	--/ <25	0.24	23.3	C	--/ <25
Dover Road SB left-turn	0.01	8.9	A	--/ <25	0.01	8.9	A	--/ <25	0.01	8.9	A	--/ <25

^a Volume-to-capacity ratio.

^b Average control delay in seconds per vehicle.

^c Level of service.

^d Average/95th percentile queue length in feet per lane (assuming 25 feet per vehicle).

TABLE 8
Intersection Capacity Analysis Summary

Intersection/Peak Hour/Lane Group	2025 Existing				2036 No-Build				2036 Build			
	V/C ^a	Del. ^b	LOS ^c	Queue ^d	V/C	Del.	LOS	Queue	V/C	Del.	LOS	Queue
Dover Road (NH Route 108) at Stone Quarry Drive												
<i>Weekday AM:</i>												
Stone Quarry Dr WB approach	0.10	19.3	C	--/ <25	0.08	21.2	C	--/ <25	0.11	21.7	C	--/ <25
Dover Road SB left-turn	0.02	8.6	A	--/ <25	0.02	8.7	A	--/ <25	0.02	8.7	A	--/ <25
<i>Weekday PM:</i>												
Stone Quarry Dr WB approach	0.20	21.7	C	--/ <25	0.18	24.4	C	--/ <25	0.22	25.9	D	--/ <25
Dover Road SB left-turn	0.01	8.9	A	--/ <25	0.01	9.1	A	--/ <25	0.02	9.2	A	--/ <25

^a Volume-to-capacity ratio.

^b Average control delay in seconds per vehicle.

^c Level of service.

^d Average/95th percentile queue length in feet per lane (assuming 25 feet per vehicle).

CONCLUSIONS

Existing and future conditions in the study area have been described, analyzed, and evaluated with respect to traffic operations and the impact of the proposed redevelopment. Conclusions of this effort are presented below.

- The proposed RiverWoods Phase II redevelopment is to be located on the north side of Stone Quarry Drive (Map 209 / Lot 33) in Durham, New Hampshire. The site is currently vacant; however, Stone Quarry Drive currently provides access to: Riverwoods Durham Phase I; the Town of Durham, New Hampshire Department of Public Works; and an egress only driveway for commercial properties located at 56 Dover Road (NH Route 108). The project consists of constructing 55 new residential dwellings, which will be age-restricted, exclusively for residents of RiverWoods. Ancillary uses currently proposed include: a new 6,443± square foot (SF) community center (for exclusive use by residents); a 3,095± SF addition to the existing RiverWoods Phase I dining facilities; and a 2,400± SF garage to house RiverWoods maintenance equipment. Access and egress are proposed to the site via three new driveways on the north side of Stone Quarry Drive, east of Dover Road.
- Available sight distances at the existing intersection of Dover Road at Stone Quarry Drive exceed the minimum and desirable SSD and ISD requirements recommended by AASHTO.

As part of the Phase II redevelopment, three new driveways are proposed on the north side of Stone Quarry Drive; one located approximately 400 feet east of Dover Road, and two located along the proposed re-aligned curve. Due to existing vegetation and the proposed realignment of the curve on Stone Quarry Drive, sight distances at the proposed site driveway locations were not obtained in the field. GPI will work with the applicant to ensure the driveways meet the AASHTO sightline requirements and the clear zones along the proposed curve remain clear of vegetation.

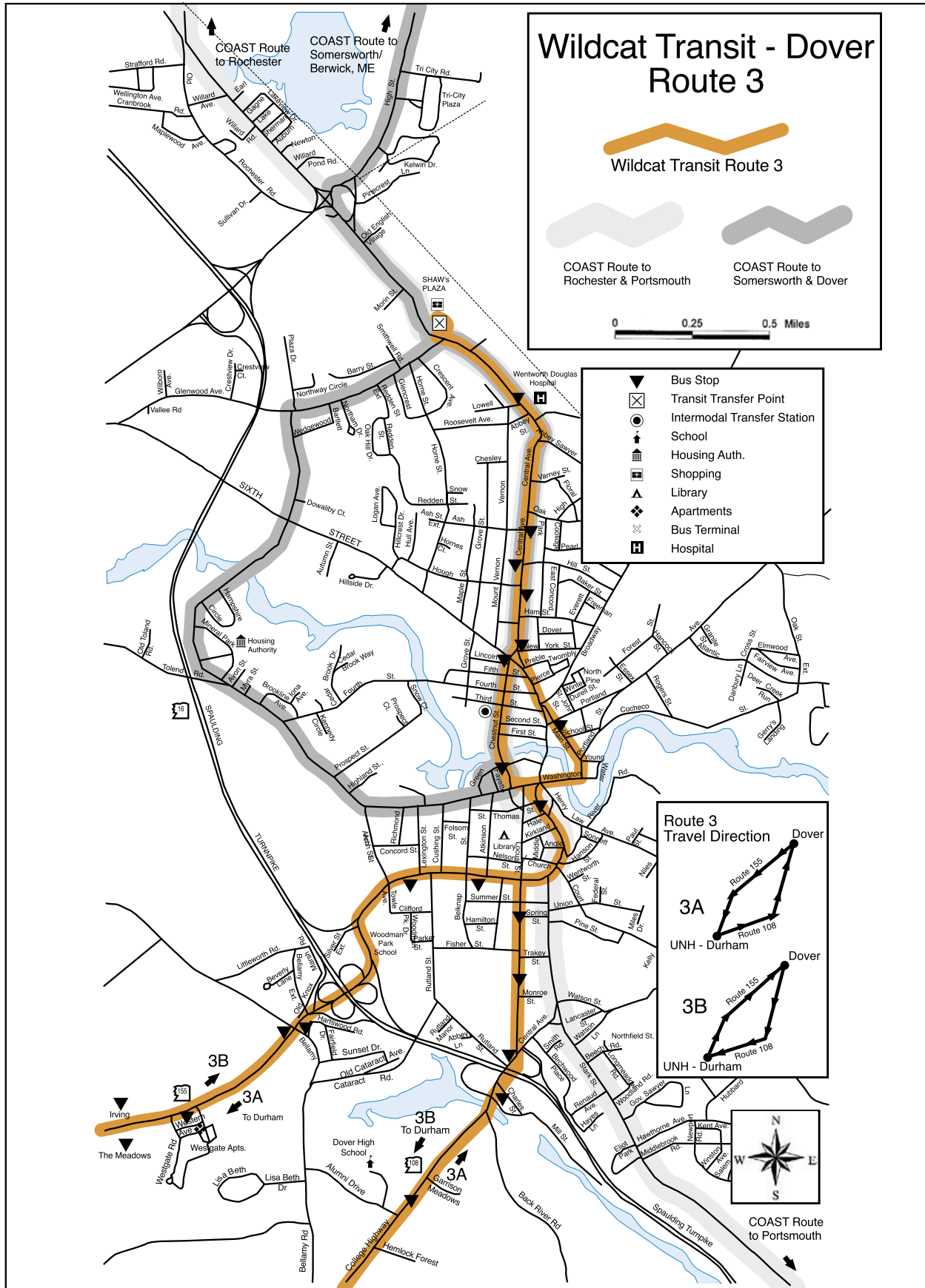
- The proposed RiverWoods Phase II redevelopment is expected to generate 11 vehicle trips (4 entering and 7 exiting) during the weekday AM peak hour and 14 vehicle trips (8 entering and 6 exiting) during the weekday PM peak hour. Traffic-volume increases beyond the study area are expected to be in the range of 5 to 9 vehicles. These increases represent, on average, one additional vehicle trip approximately every 6.7 to 12 minutes during the weekday peak hours.
- Under existing and all future traffic-volume conditions, the intersection of Dover Road (NH Route 108) at Stone Quarry Drive is expected to operate with all movements on Dover Road at optimal levels (LOS A) and the Stone Quarry Drive approach at LOS D or better. As a result of the RiverWoods Phase II redevelopment, the increases in delay on any movement are expected to be minimal (less than two seconds). With the project in place, queue lengths are expected to remain at one vehicle or less with the volume-to-capacity (v/c) ratios on all movements well below 1.00, indicating there will be adequate capacity to accommodate the anticipated traffic volumes.

Based on the findings above, the proposed RiverWoods Phase II redevelopment can be safely and efficiently accommodated with minimal impacts to the surrounding roadway network.

- APPENDIX

- *Public Transportation*
 - *Traffic Count Data*
- *Traffic Volume Adjustment Data*
 - *Sight Distance Calculations*
 - *Trip Generation Calculations*
 - *Auxiliary Turn Lane Warrants*
 - *Capacity Analysis Methodology*
- *Capacity and Queue Analysis Worksheets*

PUBLIC TRANSPORTATION



Route 3A Weekday Dover 3A

UNH/Durham to Dover via Route 108 / Dover to UNH/Durham via Route 155 **Monday - Friday**

Dover 3A

Monday - Friday

Stop ID # & Location	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7
Outbound to Dover							
101 DEPART UNH McCONNELL HALL	6:40 AM	7:45 AM	8:55 AM	11:05 AM	1:05 PM	3:35 PM	5:05 PM
152 DEPART MITCHELL WAY @ McDANIEL DRIVE	6:41 AM	7:46 AM	8:56 AM	11:06 AM	1:06 PM	3:36 PM	5:06 PM
102 DEPART UNH KINGSBURY HALL	6:42 AM	7:47 AM	8:57 AM	11:07 AM	1:07 PM	3:37 PM	5:07 PM
103 DEPART UNH HEWITT HALL	6:42 AM	7:47 AM	8:57 AM	11:07 AM	1:07 PM	3:37 PM	5:07 PM
104 DEPART MAIN ST @ UNH THOMPSON HALL	6:45 AM	7:50 AM	9:00 AM	11:10 AM	1:10 PM	3:40 PM	5:10 PM
105 DEPART MAIN ST @ HOLLOWAY COMMONS	6:46 AM	7:51 AM	9:01 AM	11:11 AM	1:11 PM	3:41 PM	5:11 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	6:47 AM	7:52 AM	9:02 AM	11:12 AM	1:12 PM	3:42 PM	5:12 PM
107 Rte 108 @ Old Landing Rd	6:49 AM	7:54 AM	9:04 AM	11:14 AM	1:14 PM	3:44 PM	5:14 PM
109 Rte 108 @ Old Piscataqua Rd	6:49 AM	7:54 AM	9:04 AM	11:14 AM	1:14 PM	3:44 PM	5:14 PM
144 Rte 108 @ Stone Quarry Drive	6:49 AM	7:54 AM	9:04 AM	11:14 AM	1:14 PM	3:44 PM	5:14 PM
810 Rte 108 @ 354 NH-108	6:50 AM	7:55 AM	9:05 AM	11:15 AM	1:15 PM	3:45 PM	5:15 PM
808 Rte 108 @ Little Tree Education	6:53 AM	7:58 AM	9:08 AM	11:18 AM	1:18 PM	3:48 PM	5:18 PM
241 Rte 108 @ Arrow Brook Rd	6:54 AM	7:59 AM	9:09 AM	11:19 AM	1:19 PM	3:49 PM	5:19 PM
243 Rte 108 @ Mast Rd	6:54 AM	7:59 AM	9:09 AM	11:19 AM	1:19 PM	3:49 PM	5:19 PM
223 Rte 108 @ Adelle Drive	6:55 AM	8:00 AM	9:10 AM	11:20 AM	1:20 PM	3:50 PM	5:20 PM
224 Rte 108 @ Dover Veterinary Hospital	6:56 AM	8:01 AM	9:11 AM	11:21 AM	1:21 PM	3:51 PM	5:21 PM
225 Rte 108 @ Charles St [Sullivan Tire]	6:58 AM	8:03 AM	9:13 AM	11:23 AM	1:23 PM	3:53 PM	5:23 PM
226 218 Locust Street	6:59 AM	8:04 AM	9:14 AM	11:24 AM	1:24 PM	3:54 PM	5:24 PM
221 180 Locust Street	6:59 AM	8:04 AM	9:14 AM	11:24 AM	1:24 PM	3:54 PM	5:24 PM
250 Central Ave @ Central Towers	7:01 AM	8:06 AM	9:16 AM	11:26 AM	1:26 PM	3:56 PM	5:26 PM
239 Main Street @ Janetos	7:03 AM	8:08 AM	9:18 AM	11:28 AM	1:28 PM	3:58 PM	5:28 PM
209 Central Ave @ New York Street	7:04 AM	8:09 AM	9:19 AM	11:29 AM	1:29 PM	3:59 PM	5:29 PM
207 Central Ave @ Tasker Funeral Home	7:05 AM	8:10 AM	9:20 AM	11:30 AM	1:30 PM	4:00 PM	5:30 PM
210 Central Ave @ Oak Street	7:06 AM	8:11 AM	9:21 AM	11:31 AM	1:31 PM	4:01 PM	5:31 PM
204 Central Ave @ Wentworth Douglass Hospital	7:08 AM	8:13 AM	9:23 AM	11:33 AM	1:33 PM	4:03 PM	5:33 PM
203 Arrive Shaws	7:11 AM	8:16 AM	9:26 AM	11:36 AM	1:36 PM	4:06 PM	5:36 PM
Inbound to Durham							
203 Depart Shaws	7:11 AM	8:16 AM	9:26 AM	11:36 AM	1:36 PM	4:06 PM	5:36 PM
205 Central Ave @ Abbott Street	7:13 AM	8:18 AM	9:28 AM	11:38 AM	1:38 PM	4:08 PM	5:38 PM
206 Central Ave @ Ash Street	7:14 AM	8:19 AM	9:29 AM	11:39 AM	1:39 PM	4:09 PM	5:39 PM
208 Central Ave @ Hough St [U-Haul]	7:14 AM	8:19 AM	9:29 AM	11:39 AM	1:39 PM	4:09 PM	5:39 PM
213 Chestnut Street @ Carswell Auto	7:16 AM	8:21 AM	9:31 AM	11:41 AM	1:41 PM	4:11 PM	5:41 PM
214 Dover Transportation Center	7:17 AM	8:22 AM	9:32 AM	11:42 AM	1:42 PM	4:12 PM	5:42 PM
212 Chestnut Street @ Riverview Apartments	7:19 AM	8:24 AM	9:34 AM	11:44 AM	1:44 PM	4:14 PM	5:44 PM
202 Central Ave @ Dover City Hall	7:21 AM	8:26 AM	9:36 AM	11:46 AM	1:46 PM	4:16 PM	5:46 PM
233 Silver Street @ Atkinson Street	7:23 AM	8:28 AM	9:38 AM	11:48 AM	1:48 PM	4:18 PM	5:48 PM
234 Silver Street @ Lexington Street	7:23 AM	8:28 AM	9:38 AM	11:48 AM	1:48 PM	4:18 PM	5:48 PM
220 Rte 155 @ Littleworth Rd	7:25 AM	8:30 AM	9:40 AM	11:50 AM	1:50 PM	4:20 PM	5:50 PM
240 Rte 155 @ White Cliff Apartments	7:26 AM	8:31 AM	9:41 AM	11:51 AM	1:51 PM	4:21 PM	5:51 PM
235 Rte 155 @ Irving Gas Station	7:27 AM	8:32 AM	9:42 AM	11:52 AM	1:52 PM	4:22 PM	5:52 PM
215 Rte 155 @ Knox Marsh Apartments	7:28 AM	8:33 AM	9:43 AM	11:53 AM	1:53 PM	4:23 PM	5:53 PM
807 Rte 155 @ 299 Knox Marsh Rd	7:28 AM	8:33 AM	9:43 AM	11:53 AM	1:53 PM	4:23 PM	5:53 PM
805 Rte 155 @ Pudding Hill Rd	7:28 AM	8:33 AM	9:43 AM	11:53 AM	1:53 PM	4:23 PM	5:53 PM
801 191 Madbury Road	7:30 AM	8:35 AM	9:45 AM	11:55 AM	1:55 PM	4:25 PM	5:55 PM
111 Madbury Road @ Rte 4	7:31 AM	8:36 AM	9:46 AM	11:56 AM	1:56 PM	4:26 PM	5:56 PM
147 Madbury Road @ Lundy Lane	7:32 AM	8:37 AM	9:47 AM	11:57 AM	1:57 PM	4:27 PM	5:57 PM
113 Madbury Road @ Edgewood Rd	7:33 AM	8:38 AM	9:48 AM	11:58 AM	1:58 PM	4:28 PM	5:58 PM
114 Madbury Road @ Durham Public Library	7:35 AM	8:40 AM	9:50 AM	12:00 PM	2:00 PM	4:30 PM	6:00 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	7:36 AM	8:41 AM	9:51 AM	12:01 PM	2:01 PM	4:31 PM	6:01 PM
105 ARRIVE Main Street @ Holloway Commons	7:37 AM	8:42 AM	9:52 AM	12:02 PM	2:02 PM	4:32 PM	6:02 PM
1001 ARRIVE UNH McConnell Hall	7:39 AM	8:44 AM	9:54 AM	12:04 PM	2:04 PM	4:34 PM	6:04 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

Route 3A Saturday

Dover 3A

UNH/Durham to Dover via Route 108 /

Dover to UNH/Durham via Route 155

Saturday Only

Stop ID # & Location

Outbound

Run 1

Run 2

Run 3

101	DEPART UNH McCONNELL HALL	10:05 AM	2:05 PM	6:35 PM
102	DEPART UNH KINGSBURY HALL	10:07 AM	2:07 PM	6:37 PM
103	DEPART UNH HEWITT HALL	10:07 AM	2:07 PM	6:37 PM
104	DEPART MAIN STREET @ UNH THOMPSON HALL	10:10 AM	2:10 PM	6:40 PM
106	DEPART MAIN STREET @ UNH HETZEL HALL	10:12 AM	2:12 PM	6:42 PM
107	Rte 108 @ Old Landing Rd	10:14 AM	2:14 PM	6:44 PM
109	Rte 108 @ Old Piscataqua Rd	10:14 AM	2:14 PM	6:44 PM
144	Rte 108 @ Stone Quarry Drive	10:14 AM	2:14 PM	6:44 PM
808	Rte 108 @ Little Tree Education	10:18 AM	2:18 PM	6:48 PM
241	Rte 108 @ Arrow Brook Rd	10:19 AM	2:19 PM	6:49 PM
243	Rte 108 @ Mast Rd	10:19 AM	2:19 PM	6:49 PM
223	Rte 108 @ Adelle Drive	10:20 AM	2:20 PM	6:50 PM
224	Rte 108 @ Dover Veterinary Hospital	10:21 AM	2:21 PM	6:51 PM
225	Rte 108 @ Charles St [Sullivan Tire]	10:23 AM	2:23 PM	6:53 PM
226	218 Locust Street	10:24 AM	2:24 PM	6:54 PM
221	180 Locust Street	10:24 AM	2:24 PM	6:54 PM
250	Central Ave @ Central Towers	10:26 AM	2:26 PM	6:56 PM
239	Main Street @ Janetos	10:28 AM	2:28 PM	6:58 PM
209	Central Ave @ New York Street	10:29 AM	2:29 PM	6:59 PM
207	Central Ave @ Tasker Funeral Home	10:30 AM	2:30 PM	7:00 PM
210	Central Ave @ Oak Street	10:31 AM	2:31 PM	7:01 PM
204	Central Ave @ Wentworth Douglass Hospital	10:33 AM	2:33 PM	7:03 PM
203	Arrive Shaws	10:36 AM	2:36 PM	7:06 PM

Inbound

203	Depart Shaws	10:36 AM	2:36 PM	7:06 PM
205	Central Ave @ Abbott Street	10:38 AM	2:38 PM	7:08 PM
206	Central Ave @ Ash Street	10:39 AM	2:39 PM	7:09 PM
208	Central Ave @ Hough St [U-Haul]	10:39 AM	2:39 PM	7:09 PM
213	Chestnut Street @ Carswell Auto	10:41 AM	2:41 PM	7:11 PM
214	Dover Transportation Center	10:42 AM	2:42 PM	7:12 PM
212	Chestnut Street @ Riverview Apartments	10:44 AM	2:44 PM	7:14 PM
202	Central Ave @ Dover City Hall	10:46 AM	2:46 PM	7:16 PM
233	Silver Street @ Atkinson Street	10:48 AM	2:48 PM	7:18 PM
234	Silver Street @ Lexington Street	10:48 AM	2:48 PM	7:18 PM
220	Rte 155 @ Littleworth Rd	10:50 AM	2:50 PM	7:20 PM
240	Rte 155 @ White Cliff Apartments	10:51 AM	2:51 PM	7:21 PM
235	Rte 155 @ Irving Gas Station	10:52 AM	2:52 PM	7:22 PM
215	Rte 155 @ Knox Marsh Apartments	10:53 AM	2:53 PM	7:23 PM
807	Rte 155 @ Land Care Associates	10:53 AM	2:53 PM	7:23 PM
805	Rte 155 @ Pudding Hill Rd	10:53 AM	2:53 PM	7:23 PM
801	191 Madbury Road	10:55 AM	2:55 PM	7:25 PM
111	Madbury Road @ Rte 4	10:56 AM	2:56 PM	7:26 PM
147	Madbury Road @ Lundy Lane	10:57 AM	2:57 PM	7:27 PM
113	Madbury Road @ Edgewood Rd	10:58 AM	2:58 PM	7:28 PM
114	Madbury Road @ Durham Public Library	11:00 AM	3:00 PM	7:30 PM
116	ARRIVE Garrison Ave @ Sawyer Hall	11:01 AM	3:01 PM	7:31 PM
105	ARRIVE Holloway Commons Main Street	11:02 AM	3:02 PM	7:32 PM
1001	ARRIVE UNH McConnell Hall	11:04 AM	3:04 PM	7:34 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

There is no service on Sundays

There is no weekend service during periods of "Reduced Service"

Route 3A Weekday

UNH/Durham to Dover via Route 108 /

Dover to UNH/Durham via Route 155

Dover 3A

Reduced Service

Monday - Friday

Stop ID # & Location

Outbound

	Run 1	Run 2	Run 3
101 DEPART UNH McCONNELL HALL	10:05 AM	12:05 PM	6:05 PM
102 DEPART UNH KINGSBURY HALL	10:07 AM	12:07 PM	6:07 PM
103 DEPART UNH HEWITT HALL	10:07 AM	12:07 PM	6:07 PM
104 DEPART MAIN STREET @ UNH THOMPSON HALL	10:10 AM	12:10 PM	6:10 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	10:12 AM	12:12 PM	6:12 PM
107 Rte 108 @ Old Landing Rd	10:14 AM	12:14 PM	6:14 PM
109 Rte 108 @ Old Piscataqua Rd	10:14 AM	12:14 PM	6:14 PM
144 Rte 108 @ Stone Quarry Drive	10:14 AM	12:14 PM	6:14 PM
808 Rte 108 @ Little Tree Education	10:18 AM	12:18 PM	6:18 PM
241 Rte 108 @ Arrow Brook Rd	10:19 AM	12:19 PM	6:19 PM
243 Rte 108 @ Mast Rd	10:19 AM	12:19 PM	6:19 PM
223 Rte 108 @ Adelle Drive	10:20 AM	12:20 PM	6:20 PM
224 Rte 108 @ Dover Veterinary Hospital	10:21 AM	12:21 PM	6:21 PM
225 Rte 108 @ Charles St [Sullivan Tire]	10:23 AM	12:23 PM	6:23 PM
226 218 Locust Street	10:24 AM	12:24 PM	6:24 PM
221 180 Locust Street	10:24 AM	12:24 PM	6:24 PM
250 Central Ave @ Central Towers	10:26 AM	12:26 PM	6:26 PM
239 Main Street @ Janetos	10:28 AM	12:28 PM	6:28 PM
209 Central Ave @ New York Street	10:29 AM	12:29 PM	6:29 PM
207 Central Ave @ Tasker Funeral Home	10:30 AM	12:30 PM	6:30 PM
210 Central Ave @ Oak Street	10:31 AM	12:31 PM	6:31 PM
204 Central Ave @ Wentworth Douglass Hospital	10:33 AM	12:33 PM	6:33 PM
203 Arrive Shaws	10:36 AM	12:36 PM	6:36 PM

Inbound

203 Depart Shaws	10:36 AM	12:36 PM	6:36 PM
205 Central Ave @ Abbott Street	10:38 AM	12:38 PM	6:38 PM
206 Central Ave @ Ash Street	10:39 AM	12:39 PM	6:39 PM
208 Central Ave @ Hough St [U-Haul]	10:39 AM	12:39 PM	6:39 PM
213 Chestnut Street @ Carswell Auto	10:41 AM	12:41 PM	6:41 PM
214 Dover Transportation Center	10:42 AM	12:42 PM	6:42 PM
212 Chestnut Street @ Riverview Apartments	10:44 AM	12:44 PM	6:44 PM
202 Central Ave @ Dover City Hall	10:46 AM	12:46 PM	6:46 PM
233 Silver Street @ Atkinson Street	10:48 AM	12:48 PM	6:48 PM
234 Silver Street @ Lexington Street	10:48 AM	12:48 PM	6:48 PM
220 Rte 155 @ Littleworth Rd	10:50 AM	12:50 PM	6:50 PM
240 Rte 155 @ White Cliff Apartments	10:51 AM	12:51 PM	6:51 PM
235 Rte 155 @ Irving Gas Station	10:52 AM	12:52 PM	6:52 PM
215 Rte 155 @ Knox Marsh Apartments	10:53 AM	12:53 PM	6:53 PM
807 Rte 155 @ Land Care Associates	10:53 AM	12:53 PM	6:53 PM
805 Rte 155 @ Pudding Hill Rd	10:53 AM	12:53 PM	6:53 PM
801 191 Madbury Road	10:55 AM	12:55 PM	6:55 PM
111 Madbury Road @ Rte 4	10:56 AM	12:56 PM	6:56 PM
147 Madbury Road @ Lundy Lane	10:57 AM	12:57 PM	6:57 PM
113 Madbury Road @ Edgewood Rd	10:58 AM	12:58 PM	6:58 PM
114 Madbury Road @ Durham Public Library	11:00 AM	1:00 PM	7:00 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	11:01 AM	1:01 PM	7:01 PM
105 ARRIVE Holloway Commons Main Street	11:02 AM	1:02 PM	7:02 PM
1001 ARRIVE UNH McConnell Hall	11:04 AM	1:04 PM	7:04 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

Route 3B Weekday

Dover 3B

UNH/Durham to Dover via Route 155 / Dover to UNH/Durham via Route 108

Monday - Friday

Stop ID # & Location

Outbound	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	Run 8
101 DEPART UNH McCONNELL HALL	6:40 AM	7:45 AM	10:05 AM	12:05 PM	2:05 PM	4:35 PM	6:05 PM	9:35 PM
102 DEPART UNH KINGSBURY HALL	6:42 AM	7:47 AM	10:07 AM	12:07 PM	2:07 PM	4:37 PM	6:07 PM	9:37 PM
103 DEPART UNH HEWITT HALL	6:42 AM	7:47 AM	10:07 AM	12:07 PM	2:07 PM	4:37 PM	6:07 PM	9:37 PM
104 DEPART MAIN STREET @ UNH THOMPSON HALL	6:45 AM	7:50 AM	10:10 AM	12:10 PM	2:10 PM	4:40 PM	6:10 PM	9:40 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	6:47 AM	7:52 AM	10:12 AM	12:12 PM	2:12 PM	4:42 PM	6:12 PM	9:42 PM
117 Madbury Road @ Woodman Rd	6:48 AM	7:53 AM	10:13 AM	12:13 PM	2:13 PM	4:43 PM	6:13 PM	9:43 PM
115 30 Madbury Rd	6:48 AM	7:53 AM	10:13 AM	12:13 PM	2:13 PM	4:43 PM	6:13 PM	9:43 PM
118 Madbury Road @ Bagdad Woods	6:49 AM	7:54 AM	10:14 AM	12:14 PM	2:14 PM	4:44 PM	6:14 PM	9:44 PM
182 Madbury Road @ Davis Court Apartments	6:49 AM	7:54 AM	10:14 AM	12:14 PM	2:14 PM	4:44 PM	6:14 PM	9:44 PM
112 90 Madbury Rd	6:49 AM	7:54 AM	10:14 AM	12:14 PM	2:14 PM	4:44 PM	6:14 PM	9:44 PM
146 Madbury Road @ Emerson Rd	6:49 AM	7:54 AM	10:14 AM	12:14 PM	2:14 PM	4:44 PM	6:14 PM	9:44 PM
110 Madbury Road @ Pendexter Rd	6:51 AM	7:56 AM	10:16 AM	12:16 PM	2:16 PM	4:46 PM	6:16 PM	9:46 PM
802 Madbury Road @ Rte 155	6:54 AM	7:59 AM	10:19 AM	12:19 PM	2:19 PM	4:49 PM	6:19 PM	9:49 PM
804 Rte 155 @ Garlands Garage	6:55 AM	8:00 AM	10:20 AM	12:20 PM	2:20 PM	4:50 PM	6:20 PM	9:50 PM
806 Rte 155 @ 280 Knox Marsh Rd	6:56 AM	8:01 AM	10:21 AM	12:21 PM	2:21 PM	4:51 PM	6:21 PM	9:51 PM
216 Rte 155 @ Olde Madbury Lane Apartments	6:56 AM	8:01 AM	10:21 AM	12:21 PM	2:21 PM	4:51 PM	6:21 PM	9:51 PM
217 Rte 155 @ Lilac Garden Apartments	6:57 AM	8:02 AM	10:22 AM	12:22 PM	2:22 PM	4:52 PM	6:22 PM	9:52 PM
218 Rte 155 @ Westgate Apartments	6:58 AM	8:03 AM	10:23 AM	12:23 PM	2:23 PM	4:53 PM	6:23 PM	9:53 PM
219 Rte 155 @ Trestle Way	6:59 AM	8:04 AM	10:24 AM	12:24 PM	2:24 PM	4:54 PM	6:24 PM	9:54 PM
236 116 Silver Street	7:00 AM	8:05 AM	10:25 AM	12:25 PM	2:25 PM	4:55 PM	6:25 PM	9:55 PM
237 Silver Street @ Elm Street	7:00 AM	8:05 AM	10:25 AM	12:25 PM	2:25 PM	4:55 PM	6:25 PM	9:55 PM
250 Central Ave @ Central Towers	7:02 AM	8:07 AM	10:27 AM	12:27 PM	2:27 PM	4:57 PM	6:27 PM	9:57 PM
239 Main Street @ Janetos	7:05 AM	8:10 AM	10:30 AM	12:30 PM	2:30 PM	5:00 PM	6:30 PM	10:00 PM
209 Central Ave @ New York Street	7:06 AM	8:11 AM	10:31 AM	12:31 PM	2:31 PM	5:01 PM	6:31 PM	10:01 PM
207 Central Ave @ Tasker Funeral Home	7:06 AM	8:11 AM	10:31 AM	12:31 PM	2:31 PM	5:01 PM	6:31 PM	10:01 PM
210 Central Ave @ Oak Street	7:07 AM	8:12 AM	10:32 AM	12:32 PM	2:32 PM	5:02 PM	6:32 PM	10:02 PM
204 Central Ave @ Wentworth Douglass Hospital	7:08 AM	8:13 AM	10:33 AM	12:33 PM	2:33 PM	5:03 PM	6:33 PM	10:03 PM
203 Arrive Shaws	7:11 AM	8:16 AM	10:36 AM	12:36 PM	2:36 PM	5:06 PM	6:36 PM	10:06 PM
Inbound								
203 Depart Shaws	7:11 AM	8:16 AM	10:36 AM	12:36 PM	2:36 PM	5:06 PM	6:36 PM	10:06 PM
205 Central Ave @ Abbott Street	7:13 AM	8:18 AM	10:38 AM	12:38 PM	2:38 PM	5:08 PM	6:38 PM	10:08 PM
206 Central Ave @ Ash Street	7:14 AM	8:19 AM	10:39 AM	12:39 PM	2:39 PM	5:09 PM	6:39 PM	10:09 PM
208 Central Ave @ Hough Street [U-Haul]	7:15 AM	8:20 AM	10:40 AM	12:40 PM	2:40 PM	5:10 PM	6:40 PM	10:10 PM
213 Chestnut Street @ Carswell Auto	7:16 AM	8:21 AM	10:41 AM	12:41 PM	2:41 PM	5:11 PM	6:41 PM	10:11 PM
214 Dover Transportation Center	7:17 AM	8:22 AM	10:42 AM	12:42 PM	2:42 PM	5:12 PM	6:42 PM	10:12 PM
212 Chestnut Street @ Riverview Apartments	7:19 AM	8:24 AM	10:44 AM	12:44 PM	2:44 PM	5:14 PM	6:44 PM	10:14 PM
202 Central Ave @ Dover City Hall	7:21 AM	8:26 AM	10:46 AM	12:46 PM	2:46 PM	5:16 PM	6:46 PM	10:16 PM
222 Locust Street @ Spring Street	7:23 AM	8:28 AM	10:48 AM	12:48 PM	2:48 PM	5:18 PM	6:48 PM	10:18 PM
228 Locust Street @ Dover Children's Home	7:23 AM	8:28 AM	10:48 AM	12:48 PM	2:48 PM	5:18 PM	6:48 PM	10:18 PM
229 Central Ave @ Rutland Street	7:24 AM	8:29 AM	10:49 AM	12:49 PM	2:49 PM	5:19 PM	6:49 PM	10:19 PM
230 Rte 108 @ Dover High School	7:26 AM	8:31 AM	10:51 AM	12:51 PM	2:51 PM	5:21 PM	6:51 PM	10:21 PM
231 Rte 108 @ Bellamy Rd	7:26 AM	8:31 AM	10:51 AM	12:51 PM	2:51 PM	5:21 PM	6:51 PM	10:21 PM
232 Rte 108 @ Grapevine Drive	7:26 AM	8:31 AM	10:51 AM	12:51 PM	2:51 PM	5:21 PM	6:51 PM	10:21 PM
242 Rte 108 @ Farmwood Village	7:27 AM	8:32 AM	10:52 AM	12:52 PM	2:52 PM	5:22 PM	6:52 PM	10:22 PM
809 Rte 108 @ Freshet Rd	7:27 AM	8:32 AM	10:52 AM	12:52 PM	2:52 PM	5:22 PM	6:52 PM	10:22 PM
145 Rte 108 @ Canney Rd	7:29 AM	8:34 AM	10:54 AM	12:54 PM	2:54 PM	5:24 PM	6:54 PM	10:24 PM
119 Rte 108 @ The Pines Inn (#47)	7:30 AM	8:35 AM	10:55 AM	12:55 PM	2:55 PM	5:25 PM	6:55 PM	10:25 PM
108 Rte 108 @ Young Drive	7:31 AM	8:36 AM	10:56 AM	12:56 PM	2:56 PM	5:26 PM	6:56 PM	10:26 PM
117 Madbury Road @ Woodman Rd	7:33 AM	8:38 AM	10:58 AM	12:58 PM	2:58 PM	5:28 PM	6:58 PM	10:28 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	7:34 AM	8:39 AM	10:59 AM	12:59 PM	2:59 PM	5:29 PM	6:59 PM	10:29 PM
105 ARRIVE Holloway Commons Main Street	7:36 AM	8:41 AM	11:01 AM	1:01 PM	3:01 PM	5:31 PM	7:01 PM	10:31 PM
1001 ARRIVE UNH McConnell Hall	7:38 AM	8:43 AM	11:03 AM	1:03 PM	3:03 PM	5:33 PM	7:03 PM	10:33 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

Route 3B Saturday

Dover 3B

UNH/Durham to Dover via Route 155 /

Dover to UNH/Durham via Route 108

Saturday Only

Stop ID # & Location

Outbound

Run 1

Run 2

Run 3

101	DEPART UNH McCONNELL HALL	11:05 AM	4:05 PM	8:05 PM
102	DEPART UNH KINGSBURY HALL	11:07 AM	4:07 PM	8:07 PM
103	DEPART UNH HEWITT HALL	11:07 AM	4:07 PM	8:07 PM
104	DEPART MAIN STREET @ UNH THOMPSON HALL	11:10 AM	4:10 PM	8:10 PM
106	DEPART MAIN STREET @ UNH HETZEL HALL	11:12 AM	4:12 PM	8:12 PM
117	Madbury Road @ Woodman Rd	11:13 AM	4:13 PM	8:13 PM
115	30 Madbury Rd	11:13 AM	4:13 PM	8:13 PM
118	Madbury Road @ Bagdad Woods	11:14 AM	4:14 PM	8:14 PM
182	Madbury Road @ Davis Court Apartments	11:14 AM	4:14 PM	8:14 PM
112	90 Madbury Rd	11:14 AM	4:14 PM	8:14 PM
146	Madbury Road @ Emerson Rd	11:14 AM	4:14 PM	8:14 PM
110	Madbury Road @ Pendexter Rd	11:16 AM	4:16 PM	8:16 PM
802	Madbury Road @ Rte 155	11:19 AM	4:19 PM	8:19 PM
804	Rte 155 @ Garlands Garage	11:20 AM	4:20 PM	8:20 PM
806	Rte 155 @ 280 Knox Marsh Rd	11:21 AM	4:21 PM	8:21 PM
216	Rte 155 @ Olde Madbury Lane Apartments	11:21 AM	4:21 PM	8:21 PM
217	Rte 155 @ Lilac Garden Apartments	11:22 AM	4:22 PM	8:22 PM
218	Rte 155 @ Westgate Apartments	11:23 AM	4:23 PM	8:23 PM
219	Rte 155 @ Trestle Way	11:24 AM	4:24 PM	8:24 PM
236	116 Silver Street	11:25 AM	4:25 PM	8:25 PM
237	Silver Street @ Elm Street	11:25 AM	4:25 PM	8:25 PM
250	Central Ave @ Central Towers	11:27 AM	4:27 PM	8:27 PM
239	Main Street @ Janetos	11:30 AM	4:30 PM	8:30 PM
209	Central Ave @ New York Street	11:31 AM	4:31 PM	8:31 PM
207	Central Ave @ Tasker Funeral Home	11:31 AM	4:31 PM	8:31 PM
210	Central Ave @ Oak Street	11:32 AM	4:32 PM	8:32 PM
204	Central Ave @ Wentworth Douglass Hospital	11:33 AM	4:33 PM	8:33 PM
203	Arrive Shaws	11:36 AM	4:36 PM	8:36 PM

Inbound

203	Depart Shaws	11:36 AM	4:36 PM	8:36 PM
205	Central Ave @ Abbott Street	11:38 AM	4:38 PM	8:38 PM
206	Central Ave @ Ash Street	11:39 AM	4:39 PM	8:39 PM
208	Central Ave @ Hough Street [U-Haul]	11:40 AM	4:40 PM	8:40 PM
213	Chestnut Street @ Carswell Auto	11:41 AM	4:41 PM	8:41 PM
214	Dover Transportation Center	11:42 AM	4:42 PM	8:42 PM
212	Chestnut Street @ Riverview Apartments	11:44 AM	4:44 PM	8:44 PM
202	Central Ave @ Dover City Hall	11:46 AM	4:46 PM	8:46 PM
222	Locust Street @ Spring Street	11:48 AM	4:48 PM	8:48 PM
228	Locust Street @ Dover Children's Home	11:48 AM	4:48 PM	8:48 PM
229	Central Ave @ Rutland Street	11:49 AM	4:49 PM	8:49 PM
230	Rte 108 @ Dover High School	11:51 AM	4:51 PM	8:51 PM
231	Rte 108 @ Bellamy Rd	11:51 AM	4:51 PM	8:51 PM
232	Rte 108 @ Grapevine Drive	11:51 AM	4:51 PM	8:51 PM
242	Rte 108 @ Farmwood Village	11:52 AM	4:52 PM	8:52 PM
809	Rte 108 @ Freshet Rd	11:52 AM	4:52 PM	8:52 PM
145	Rte 108 @ Canney Rd	11:54 AM	4:54 PM	8:54 PM
119	Rte 108 @ The Pines Inn (#47)	11:55 AM	4:55 PM	8:55 PM
108	Rte 108 @ Young Drive	11:56 AM	4:56 PM	8:56 PM
117	Madbury Road @ Woodman Rd	11:58 AM	4:58 PM	8:58 PM
116	ARRIVE Garrison Ave @ Sawyer Hall	11:59 AM	4:59 PM	8:59 PM
105	ARRIVE Holloway Commons Main Street	12:01 PM	5:01 PM	9:01 PM
1001	ARRIVE UNH McConnell Hall	12:03 PM	5:03 PM	9:03 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

There is no service on Sundays

There is no weekend service during periods of "Reduced Service"

Route 3B Weekday

Dover 3B

UNH/Durham to Dover via Route 155 /

Reduced Service

Dover to UNH/Durham via Route 108

Monday - Friday

Stop ID # & Location

Outbound	Run 1	Run 2	Run 3
101 DEPART UNH McCONNELL HALL	6:40 AM	2:05 PM	4:35 PM
102 DEPART UNH KINGSBURY HALL	6:42 AM	2:07 PM	4:37 PM
103 DEPART UNH HEWITT HALL	6:42 AM	2:07 PM	4:37 PM
104 DEPART MAIN STREET @ UNH THOMPSON HALL	6:45 AM	2:10 PM	4:40 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	6:47 AM	2:12 PM	4:42 PM
117 Madbury Road @ Woodman Rd	6:48 AM	2:13 PM	4:43 PM
115 30 Madbury Rd	6:48 AM	2:13 PM	4:43 PM
118 Madbury Road @ Bagdad Woods	6:49 AM	2:14 PM	4:44 PM
182 Madbury Road @ Davis Court Apartments	6:49 AM	2:14 PM	4:44 PM
112 90 Madbury Rd	6:49 AM	2:14 PM	4:44 PM
146 Madbury Road @ Emerson Rd	6:49 AM	2:14 PM	4:44 PM
110 Madbury Road @ Pendexter Rd	6:51 AM	2:16 PM	4:46 PM
802 Madbury Road @ Rte 155	6:54 AM	2:19 PM	4:49 PM
804 Rte 155 @ Garlands Garage	6:55 AM	2:20 PM	4:50 PM
806 Rte 155 @ 280 Knox Marsh Rd	6:56 AM	2:21 PM	4:51 PM
216 Rte 155 @ Olde Madbury Lane Apartments	6:56 AM	2:21 PM	4:51 PM
217 Rte 155 @ Lilac Garden Apartments	6:57 AM	2:22 PM	4:52 PM
218 Rte 155 @ Westgate Apartments	6:58 AM	2:23 PM	4:53 PM
219 Rte 155 @ Trestle Way	6:59 AM	2:24 PM	4:54 PM
236 116 Silver Street	7:00 AM	2:25 PM	4:55 PM
237 Silver Street @ Elm Street	7:00 AM	2:25 PM	4:55 PM
250 Central Ave @ Central Towers	7:02 AM	2:27 PM	4:57 PM
239 Main Street @ Janetos	7:05 AM	2:30 PM	5:00 PM
209 Central Ave @ New York Street	7:06 AM	2:31 PM	5:01 PM
207 Central Ave @ Tasker Funeral Home	7:06 AM	2:31 PM	5:01 PM
210 Central Ave @ Oak Street	7:07 AM	2:32 PM	5:02 PM
204 Central Ave @ Wentworth Douglass Hospital	7:08 AM	2:33 PM	5:03 PM
203 Arrive Shaws	7:11 AM	2:36 PM	5:06 PM
Inbound			
203 Depart Shaws	7:11 AM	2:36 PM	5:06 PM
205 Central Ave @ Abbott Street	7:13 AM	2:38 PM	5:08 PM
206 Central Ave @ Ash Street	7:14 AM	2:39 PM	5:09 PM
208 Central Ave @ Hough Street [U-Haul]	7:15 AM	2:40 PM	5:10 PM
213 Chestnut Street @ Carswell Auto	7:16 AM	2:41 PM	5:11 PM
214 Dover Transportation Center	7:17 AM	2:42 PM	5:12 PM
212 Chestnut Street @ Riverview Apartments	7:19 AM	2:44 PM	5:14 PM
202 Central Ave @ Dover City Hall	7:21 AM	2:46 PM	5:16 PM
222 Locust Street @ Spring Street	7:23 AM	2:48 PM	5:18 PM
228 Locust Street @ Dover Children's Home	7:23 AM	2:48 PM	5:18 PM
229 Central Ave @ Rutland Street	7:24 AM	2:49 PM	5:19 PM
230 Rte 108 @ Dover High School	7:26 AM	2:51 PM	5:21 PM
231 Rte 108 @ Bellamy Rd	7:26 AM	2:51 PM	5:21 PM
232 Rte 108 @ Grapevine Drive	7:26 AM	2:51 PM	5:21 PM
242 Rte 108 @ Farmwood Village	7:27 AM	2:52 PM	5:22 PM
809 Rte 108 @ Freshet Rd	7:27 AM	2:52 PM	5:22 PM
145 Rte 108 @ Canney Road	7:29 AM	2:54 PM	5:24 PM
119 Rte 108 @ The Pines Inn (#47)	7:30 AM	2:55 PM	5:25 PM
108 Rte 108 @ Young Drive	7:31 AM	2:56 PM	5:26 PM
117 Madbury Road @ Woodman Rd	7:33 AM	2:58 PM	5:28 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	7:34 AM	2:59 PM	5:29 PM
105 ARRIVE Holloway Commons Main Street	7:36 AM	3:01 PM	5:31 PM
1001 ARRIVE UNH McConnell Hall	7:38 AM	3:03 PM	5:33 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.



Route 4A Weekday UNH/Durham to Malls & Portsmouth Market Square

Portsmouth 4A Monday - Friday

Stop ID # & Location	AM Express	AM Express						
	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6	Run 7	
Outbound to Portsmouth								
101 DEPART UNH McCONNELL HALL	6:40 AM	7:45 AM	12:05 PM	2:05 PM	6:05 PM	7:05 PM	9:35 PM	
152 DEPART MITCHELL WAY @ McDANIEL DRIVE	6:41 AM	7:46 AM	12:06 PM	2:06 PM	6:06 PM	7:06 PM	9:36 PM	
102 DEPART UNH KINGSBURY HALL	6:42 AM	7:47 AM	12:07 PM	2:07 PM	6:07 PM	7:07 PM	9:37 PM	
103 DEPART UNH HEWITT HALL	6:42 AM	7:47 AM	12:07 PM	2:07 PM	6:07 PM	7:07 PM	9:37 PM	
104 DEPART MAIN ST @ UNH THOMPSON HALL	6:45 AM	7:50 AM	12:10 PM	2:10 PM	6:10 PM	7:10 PM	9:40 PM	
105 DEPART MAIN ST @ HOLLOWAY COMMONS	6:46 AM	7:51 AM	12:11 PM	2:11 PM	6:11 PM	7:11 PM	9:41 PM	
106 DEPART MAIN STREET @ UNH HETZEL HALL	6:47 AM	7:52 AM	12:12 PM	2:12 PM	6:12 PM	7:12 PM	9:42 PM	
107 Rte 108 @ Old Landing Rd	6:49 AM	7:54 AM	12:14 PM	2:14 PM	6:14 PM	7:14 PM	9:44 PM	
109 Rte 108 @ Old Piscataqua Rd	6:49 AM	7:54 AM	12:14 PM	2:14 PM	6:14 PM	7:14 PM	9:44 PM	
121 Rte 4 @ 68 Piscataqua Rd	6:50 AM	7:55 AM	12:15 PM	2:15 PM	6:15 PM	7:15 PM	9:45 PM	
122 Rte 4 @ Riverview Rd	6:51 AM	7:56 AM	12:16 PM	2:16 PM	6:16 PM	7:16 PM	9:46 PM	
192 Rte 4 @ 116 Piscataqua Rd	6:51 AM	7:56 AM	12:16 PM	2:16 PM	6:16 PM	7:16 PM	9:46 PM	
123 Rte 4 @ Wagon Hill Farm	6:52 AM	7:57 AM	12:17 PM	2:17 PM	6:17 PM	7:17 PM	9:47 PM	
124 Rte 4 @ Cedar Point Rd	6:53 AM	7:58 AM	12:18 PM	2:18 PM	6:18 PM	7:18 PM	9:48 PM	
201 Boston Harbor Road @ DMV	On Request Only		On Request Only		On Request Only			
604 Newington Wal-Mart	Not Serviced on These Runs		12:26 PM	2:26 PM	6:26 PM	7:26 PM	9:56 PM	
603 Fox Run Mall (to Portsmouth)	Not Serviced on These Runs		12:28 PM	2:28 PM	6:28 PM	7:28 PM	9:58 PM	
601 Crossings at Fox Run @ Cold Stone Creamery	Not Serviced on These Runs		12:31 PM	2:31 PM	6:31 PM	7:31 PM	10:01 PM	
302 Gosling Rd @ Gosling Meadows	Not Serviced on These Runs		12:33 PM	2:33 PM	6:33 PM	7:33 PM	10:03 PM	
314 1840 Woodbury Ave	7:01 AM	8:06 AM	12:34 PM	2:34 PM	6:34 PM	7:34 PM	10:04 PM	
312 Marshall's Plaza @ Commerce Way	7:03 AM	8:08 AM	12:37 PM	2:37 PM	6:37 PM	7:37 PM	10:07 PM	
336 170 Commerce Way	7:04 AM	8:09 AM	12:38 PM	2:38 PM	6:38 PM	7:38 PM	10:08 PM	
338 Commerce Way / Portsmouth Blvd	7:05 AM	8:10 AM	12:38 PM	2:38 PM	6:38 PM	7:38 PM	10:08 PM	
316 Maplewood Ave @ Fairview Drive	7:08 AM	8:13 AM	12:42 PM	2:42 PM	6:42 PM	7:42 PM	10:10 PM	
317 Maplewood Ave @ I-95 Overpass	7:10 AM	8:15 AM	12:44 PM	2:44 PM	6:44 PM	7:44 PM	10:12 PM	
318 Maplewood Ave @ Dearborn Street	7:11 AM	8:16 AM	12:45 PM	2:45 PM	6:45 PM	7:45 PM	10:13 PM	
319 Maplewood Ave @ North Cemetery	7:12 AM	8:17 AM	12:46 PM	2:46 PM	6:46 PM	7:46 PM	10:14 PM	
303 Arrive Hanover Street @ High-Hanover Parking	7:14 AM	8:19 AM	12:48 PM	2:48 PM	6:48 PM	7:48 PM	10:16 PM	
Inbound to Durham								
303 Depart Hanover Street @ High-Hanover Parking	7:14 AM	8:19 AM	12:48 PM	2:48 PM	6:48 PM	7:48 PM	10:16 PM	
311 Market Square	7:18 AM	8:23 AM	12:52 PM	2:52 PM	6:52 PM	7:52 PM	10:19 PM	
310 Islington Street @ Tanner Street	7:18 AM	8:23 AM	12:52 PM	2:52 PM	6:52 PM	7:52 PM	10:19 PM	
308 Islington Street @ Cornwall Street	7:19 AM	8:24 AM	12:53 PM	2:53 PM	6:53 PM	7:53 PM	10:20 PM	
307 Islington Street @ Dunkin Donuts	7:20 AM	8:25 AM	12:54 PM	2:54 PM	6:54 PM	7:54 PM	10:21 PM	
305 Plaza 800	7:22 AM	8:27 AM	12:56 PM	2:55 PM	6:55 PM	7:55 PM	10:22 PM	
344 3 Cate Street	7:24 AM	8:29 AM	12:58 PM	2:58 PM	6:58 PM	7:58 PM	10:25 PM	
345 35 Hodgdon Way	7:25 AM	8:30 AM	12:58 PM	2:58 PM	6:58 PM	7:58 PM	10:25 PM	
341 Cottage Street @ Portsmouth Senior Center	7:26 AM	8:31 AM	12:59 PM	2:59 PM	6:59 PM	7:59 PM	10:26 PM	
320 Cottage St @ Woodbury Ave	7:26 AM	8:31 AM	1:00 PM	2:59 PM	6:59 PM	7:59 PM	10:26 PM	
321 Woodbury Ave @ Dennett Street	7:27 AM	8:32 AM	1:00 PM	3:00 PM	7:00 PM	8:00 PM	10:27 PM	
201 Boston Harbor Road @ DMV	On Request Only		On Request Only		On Request Only			
125 Rte 4 @ Scammel Bridge (West Side)	7:36 AM	8:41 AM	1:09 PM	3:09 PM	7:09 PM	8:09 PM	10:36 PM	
126 Rte 4 @ Emery Farm	7:37 AM	8:42 AM	1:11 PM	3:11 PM	7:11 PM	8:11 PM	10:37 PM	
193 Rte 4 @ Morgan Way	7:38 AM	8:43 AM	1:11 PM	3:11 PM	7:11 PM	8:11 PM	10:38 PM	
127 Rte 4 @ Shearwater Street	7:38 AM	8:43 AM	1:12 PM	3:12 PM	7:12 PM	8:12 PM	10:38 PM	
120 Rte 4 @ 65 Piscataqua Rd	7:38 AM	8:43 AM	1:12 PM	3:12 PM	7:12 PM	8:12 PM	10:38 PM	
119 Rte 108 @ The Pines Inn (#47)	7:41 AM	8:46 AM	1:15 PM	3:15 PM	7:15 PM	8:15 PM	10:41 PM	
108 Rte 108 @ Young Drive	7:42 AM	8:47 AM	1:15 PM	3:15 PM	7:15 PM	8:15 PM	10:42 PM	
117 Madbury Road @ Woodman Rd	7:44 AM	8:49 AM	1:18 PM	3:18 PM	7:18 PM	8:18 PM	10:44 PM	
116 ARRIVE Garrison Ave @ Sawyer Hall	7:46 AM	8:51 AM	1:20 PM	3:20 PM	7:20 PM	8:20 PM	10:46 PM	
105 ARRIVE Main Street & Holloway Commons	7:47 AM	8:52 AM	1:21 PM	3:21 PM	7:21 PM	8:21 PM	10:47 PM	
1001 ARRIVE UNH McConnell Hall	7:49 AM	8:54 AM	1:23 PM	3:23 PM	7:23 PM	8:23 PM	10:49 PM	

Route 4A WEEKEND Portsmouth 4A
UNH/Durham to Malls & Portsmouth Market Square Saturday - Sunday

Stop ID # & Location		Run 1	Run 2	Run 3
Outbound to Portsmouth				
101	DEPART UNH McCONNELL HALL	11:35 AM	2:35 PM	7:05 PM
152	DEPART MITCHELL WAY @ McDANIEL DRIVE	11:36 AM	2:36 PM	7:06 PM
102	DEPART UNH KINGSBURY HALL	11:37 AM	2:37 PM	7:07 PM
103	DEPART UNH HEWITT HALL	11:37 AM	2:37 PM	7:07 PM
104	DEPART MAIN ST @ UNH THOMPSON HALL	11:40 AM	2:40 PM	7:10 PM
105	DEPART MAIN ST @ HOLLOWAY COMMONS	11:41 AM	2:41 PM	7:11 PM
106	DEPART MAIN STREET @ UNH HETZEL HALL	11:42 AM	2:42 PM	7:12 PM
107	Rte 108 @ Old Landing Rd	11:44 AM	2:44 PM	7:14 PM
109	Rte 108 @ Old Piscataqua Rd	11:44 AM	2:44 PM	7:14 PM
121	Rte 4 @ 68 Piscataqua Rd	11:45 AM	2:45 PM	7:15 PM
122	Rte 4 @ Riverview Rd	11:46 AM	2:46 PM	7:16 PM
192	Rte 4 @ 116 Piscataqua Rd	11:46 AM	2:46 PM	7:16 PM
123	Rte 4 @ Wagon Hill Farm	11:47 AM	2:47 PM	7:17 PM
124	Rte 4 @ Cedar Point Rd	11:48 AM	2:48 PM	7:18 PM
201	Boston Harbor Road @ DMV	On Request Only		
604	Newington Wal-Mart	11:56 AM	2:56 PM	7:26 PM
603	Fox Run Mall (to Portsmouth)	11:58 AM	2:58 PM	7:28 PM
601	Crossings at Fox Run @ Cold Stone Creamery	12:01 PM	3:01 PM	7:30 PM
302	Gosling Rd @ Gosling Meadows	12:03 PM	3:03 PM	7:32 PM
314	1840 Woodbury Ave	12:04 PM	3:04 PM	7:33 PM
312	Marshall's Plaza @ Commerce Way	12:07 PM	3:07 PM	7:36 PM
336	170 Commerce Way	12:08 PM	3:08 PM	7:37 PM
338	Commerce Way / Portsmouth Blvd	12:08 PM	3:08 PM	7:37 PM
316	Maplewood Ave @ Fairview Drive	12:12 PM	3:12 PM	7:39 PM
317	Maplewood Ave @ I-95 Overpass	12:14 PM	3:14 PM	7:41 PM
318	Maplewood Ave @ Dearborn Street	12:15 PM	3:15 PM	7:42 PM
319	Maplewood Ave @ North Cemetery	12:16 PM	3:16 PM	7:43 PM
303	Arrive Hanover Street @ High-Hanover Parking	12:18 PM	3:18 PM	7:45 PM
Inbound to Durham				
303	Depart Hanover Street @ High-Hanover Parking	12:18 PM	3:18 PM	7:45 PM
311	Market Square	12:20 PM	3:20 PM	7:47 PM
310	Islington Street @ Tanner Street	12:21 PM	3:21 PM	7:49 PM
308	Islington Street @ Cornwall Street	12:22 PM	3:22 PM	7:50 PM
307	Islington Street @ Dunkin Donuts	12:24 PM	3:24 PM	7:51 PM
305	Plaza 800	12:25 PM	3:25 PM	7:53 PM
344	3 Cate Street	12:28 PM	3:28 PM	7:55 PM
345	35 Hodgdon Way	12:28 PM	3:28 PM	7:55 PM
341	Cottage Street @ Portsmouth Senior Center	12:29 PM	3:29 PM	7:56 PM
320	Cottage St @ Woodbury Ave	12:29 PM	3:29 PM	7:57 PM
321	Woodbury Ave @ Dennett Street	12:30 PM	3:30 PM	7:57 PM
602	Crossings at Fox Run @ Regal Cinemas	12:37 PM	3:37 PM	8:04 PM
606	Fox Run Mall (to UNH)	12:41 PM	3:41 PM	8:08 PM
605	Fox Run Rd @ Wal-Mart	12:43 PM	3:43 PM	8:10 PM
607	2299 Woodbury Ave	12:43 PM	3:43 PM	8:11 PM
201	Boston Harbor Road @ DMV	On Request Only		
125	Rte 4 @ Scammel Bridge (West Side)	12:49 PM	3:49 PM	8:17 PM
126	Rte 4 @ Emery Farm	12:51 PM	3:51 PM	8:18 PM
193	Rte 4 @ Morgan Way	12:51 PM	3:51 PM	8:19 PM
127	Rte 4 @ Shearwater Street	12:52 PM	3:52 PM	8:20 PM
120	Rte 4 @ 65 Piscataqua Road	12:53 PM	3:53 PM	8:20 PM
119	Rte 108 @ The Pines Inn (#47)	12:56 PM	3:56 PM	8:23 PM
108	Rte 108 @ Young Drive	12:56 PM	3:56 PM	8:24 PM
117	Madbury Road @ Woodman Rd	12:58 PM	3:58 PM	8:26 PM
116	ARRIVE Garrison Ave @ Sawyer Hall	1:00 PM	4:00 PM	8:27 PM
105	ARRIVE Main Street & Holloway Commons	1:01 PM	4:01 PM	8:29 PM
1001	ARRIVE UNH McConnell Hall	1:03 PM	4:03 PM	8:31 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

There is no weekend service during periods of "Reduced Service"

Route 4A WEEKDAY Portsmouth 4A Reduced Service

UNH/Durham to Malls & Portsmouth Market Square

Monday - Friday

Stop ID # & Location	AM Express	
	Run 1	Run 2
Outbound to Portsmouth		
101 DEPART UNH McCONNELL HALL	6:40 AM	6:05 PM
152 DEPART MITCHELL WAY @ McDANIEL DRIVE	6:41 AM	6:06 PM
102 DEPART UNH KINGSBURY HALL	6:42 AM	6:07 PM
103 DEPART UNH HEWITT HALL	6:42 AM	6:07 PM
104 DEPART MAIN ST @ UNH THOMPSON HALL	6:45 AM	6:10 PM
105 DEPART MAIN ST @ HOLLOWAY COMMONS	6:46 AM	6:11 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	6:47 AM	6:12 PM
107 Rte 108 @ Old Landing Rd	6:49 AM	6:14 PM
109 Rte 108 @ Old Piscataqua Rd	6:49 AM	6:14 PM
121 Rte 4 @ 68 Piscataqua Rd	6:50 AM	6:15 PM
122 Rte 4 @ Riverview Rd	6:51 AM	6:16 PM
192 Rte 4 @ 116 Piscataqua Rd	6:51 AM	6:16 PM
123 Rte 4 @ Wagon Hill Farm	6:52 AM	6:17 PM
124 Rte 4 @ Cedar Point Rd	6:53 AM	6:18 PM
201 Boston Harbor Road @ DMV	On Request Only	
604 Newington Wal-Mart	Not Serviced on This Run	6:26 PM
603 Fox Run Mall (to Portsmouth)		6:28 PM
601 Crossings at Fox Run @ Cold Stone Creamery		6:31 PM
302 Gosling Rd @ Gosling Meadows		6:33 PM
314 1840 Woodbury Ave	7:01 AM	6:34 PM
312 Marshall's Plaza @ Commerce Way	7:03 AM	6:37 PM
336 170 Commerce Way	7:04 AM	6:38 PM
338 Commerce Way / Portsmouth Blvd	7:05 AM	6:38 PM
316 Maplewood Ave @ Fairview Drive	7:08 AM	6:42 PM
317 Maplewood Ave @ I-95 Overpass	7:10 AM	6:44 PM
318 Maplewood Ave @ Dearborn Street	7:11 AM	6:45 PM
319 Maplewood Ave @ North Cemetery	7:12 AM	6:46 PM
303 Arrive Hanover Street @ High-Hanover Parking	7:14 AM	6:48 PM
Inbound to Durham		
303 Depart Hanover Street @ High-Hanover Parking	7:14 AM	6:48 PM
311 Market Square	7:16 AM	6:50 PM
310 Islington Street @ Tanner Street	7:17 AM	6:51 PM
308 Islington Street @ Cornwall Street	7:18 AM	6:52 PM
307 Islington Street @ Dunkin Donuts	7:20 AM	6:54 PM
305 Plaza 800	7:21 AM	6:55 PM
344 3 Cate Street	7:24 AM	6:58 PM
345 35 Hodgdon Way	7:24 AM	6:58 PM
341 Cottage Street @ Portsmouth Senior Center	7:25 AM	6:59 PM
320 Cottage St @ Woodbury Ave	7:25 AM	6:59 PM
321 Woodbury Ave @ Dennett Street	7:26 AM	7:00 PM
201 Boston Harbor Road @ DMV	On Request Only	
125 Rte 4 @ Scammel Bridge (West Side)	7:35 AM	7:07 PM
126 Rte 4 @ Emery Farm	7:37 AM	7:09 PM
193 Rte 4 @ Morgan Way	7:38 AM	7:09 PM
127 Rte 4 @ Shearwater Street	7:38 AM	7:10 PM
120 Rte 4 @ 65 Piscataqua Rd	7:38 AM	7:10 PM
119 Rte 108 @ The Pines Inn (#47)	7:41 AM	7:13 PM
108 Rte 108 @ Young Drive	7:41 AM	7:14 PM
117 Madbury Road @ Woodman Rd	7:44 AM	7:16 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	7:45 AM	7:18 PM
105 ARRIVE Main Street & Holloway Commons	7:47 AM	7:19 PM
1001 ARRIVE UNH McConnell Hall	7:49 AM	7:21 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

There is no service on weekends during periods of Reduced Service

Route 4B Weekday

UNH/Durham to Malls & Portsmouth Market Square

Portsmouth 4B

Monday - Friday

Stop ID # & Location

Outbound to Portsmouth	Run 1	Run 2	Run 3	Run 4	Run 5	Run 6
101 DEPART UNH McCONNELL HALL	8:45 AM	10:35 AM	1:05 PM	3:05 PM	4:35 PM	8:05 PM
152 DEPART MITCHELL WAY @ McDANIEL DRIVE	8:46 AM	10:36 AM	1:06 PM	3:06 PM	4:36 PM	8:06 PM
102 DEPART UNH KINGSBURY HALL	8:47 AM	10:37 AM	1:07 PM	3:07 PM	4:37 PM	8:07 PM
103 DEPART UNH HEWITT HALL	8:47 AM	10:37 AM	1:07 PM	3:07 PM	4:37 PM	8:07 PM
104 DEPART MAIN STREET @ UNH THOMPSON HALL	8:50 AM	10:40 AM	1:10 PM	3:10 PM	4:40 PM	8:10 PM
105 DEPART MAIN ST @ HOLLOWAY COMMONS	8:51 AM	10:41 AM	1:11 PM	3:11 PM	4:41 PM	8:11 PM
106 DEPART MAIN STREET @ UNH HETZEL HALL	8:52 AM	10:42 AM	1:12 PM	3:12 PM	4:42 PM	8:12 PM
107 Rte 108 @ Old Landing Rd	8:54 AM	10:44 AM	1:14 PM	3:14 PM	4:44 PM	8:14 PM
109 Rte 108 @ Old Piscataqua Rd	8:54 AM	10:44 AM	1:14 PM	3:14 PM	4:44 PM	8:14 PM
121 Rte 4 @ 68 Piscataqua Rd	8:55 AM	10:45 AM	1:15 PM	3:15 PM	4:45 PM	8:15 PM
122 Rte 4 @ Riverview Rd	8:56 AM	10:46 AM	1:16 PM	3:16 PM	4:46 PM	8:16 PM
192 Rte 4 @ 116 Piscataqua Rd	8:56 AM	10:46 AM	1:16 PM	3:16 PM	4:46 PM	8:16 PM
123 Rte 4 @ Wagon Hill Farm	8:57 AM	10:47 AM	1:17 PM	3:17 PM	4:47 PM	8:17 PM
124 Rte 4 @ Cedar Point Rd	8:58 AM	10:48 AM	1:18 PM	3:18 PM	4:48 PM	8:18 PM
201 Boston Harbor Road @ DMV	On Request Only					
322 Woodbury Ave @ Holiday Inn	9:07 AM	10:57 AM	1:27 PM	3:27 PM	4:57 PM	8:27 PM
323 Woodbury Ave @ Woodbury Manor	9:07 AM	10:57 AM	1:27 PM	3:27 PM	4:57 PM	8:27 PM
315 Woodbury Ave @ Bartlett Street	9:07 AM	10:57 AM	1:27 PM	3:27 PM	4:57 PM	8:27 PM
305 Plaza 800	9:10 AM	11:00 AM	1:30 PM	3:30 PM	5:00 PM	8:30 PM
306 Islington Street @ Cass Street	9:12 AM	11:02 AM	1:32 PM	3:32 PM	5:02 PM	8:32 PM
304 Islington Street @ Goodwin Park	9:13 AM	11:03 AM	1:33 PM	3:33 PM	5:03 PM	8:33 PM
309 Islington Street @ Keefe House	9:14 AM	11:04 AM	1:34 PM	3:34 PM	5:04 PM	8:34 PM
303 Arrive Hanover Street @ High-Hanover Parking	9:16 AM	11:06 AM	1:36 PM	3:36 PM	5:06 PM	8:36 PM
Inbound to Durham						
303 Depart Hanover Street @ High-Hanover Parking	9:16 AM	11:06 AM	1:36 PM	3:36 PM	5:06 PM	8:36 PM
311 Market Square	9:18 AM	11:08 AM	1:38 PM	3:38 PM	5:08 PM	8:38 PM
324 Maplewood Ave @ Vaughan Street	9:20 AM	11:10 AM	1:40 PM	3:40 PM	5:10 PM	8:40 PM
325 Maplewood Ave @ Jackson Hill St	9:21 AM	11:11 AM	1:41 PM	3:41 PM	5:11 PM	8:41 PM
326 651 Maplewood Ave (Odd Fellow's Lodge)	9:22 AM	11:12 AM	1:42 PM	3:42 PM	5:12 PM	8:42 PM
327 Maplewood Ave @ Heritage Hill	9:23 AM	11:13 AM	1:43 PM	3:43 PM	5:13 PM	8:43 PM
333 Portsmouth Blvd @ Shearwater Drive	9:28 AM	11:18 AM	1:48 PM	3:48 PM	5:18 PM	8:48 PM
334 215 Commerce Way	9:29 AM	11:19 AM	1:49 PM	3:49 PM	5:19 PM	8:49 PM
335 175 Commerce Way	9:30 AM	11:20 AM	1:50 PM	3:50 PM	5:20 PM	8:49 PM
339 Commerce Way @ Marshall's Plaza	9:30 AM	11:20 AM	1:50 PM	3:50 PM	5:20 PM	8:50 PM
313 1855 Woodbury Ave @ Starbucks	9:31 AM	11:22 AM	1:52 PM	3:52 PM	5:22 PM	8:51 PM
301 Gosling Road @ Winsor Rd	9:33 AM	11:24 AM	1:54 PM	3:54 PM	5:24 PM	8:53 PM
602 Crossings at Fox Run @ Regal Cinemas	9:35 AM	11:26 AM	1:56 PM	3:56 PM	5:26 PM	8:54 PM
606 Fox Run Mall (to UNH)	9:38 AM	11:29 AM	1:59 PM	3:59 PM	5:29 PM	8:57 PM
605 Fox Run Rd @ Wal-Mart	9:40 AM	11:31 AM	2:01 PM	4:01 PM	5:31 PM	8:59 PM
607 2299 Woodbury Ave	9:42 AM	11:31 AM	2:01 PM	4:01 PM	5:31 PM	8:59 PM
201 Boston Harbor Road @ DMV	On Request Only					
125 Rte 4 @ Scammel Bridge (West Side)	9:50 AM	11:39 AM	2:10 PM	4:10 PM	5:40 PM	9:06 PM
126 Rte 4 @ Emery Farm	9:51 AM	11:41 AM	2:11 PM	4:11 PM	5:41 PM	9:07 PM
193 Rte 4 @ Morgan Way	9:52 AM	11:41 AM	2:12 PM	4:12 PM	5:42 PM	9:08 PM
127 Rte 4 @ Shearwater Street	9:52 AM	11:42 AM	2:12 PM	4:12 PM	5:42 PM	9:08 PM
120 Rte 4 @ 65 Piscataqua Rd	9:53 AM	11:42 AM	2:13 PM	4:13 PM	5:43 PM	9:09 PM
119 Rte 108 @ The Pines Inn (#47)	9:56 AM	11:45 AM	2:16 PM	4:16 PM	5:46 PM	9:12 PM
108 Rte 108 @ Young Drive	9:56 AM	11:46 AM	2:16 PM	4:16 PM	5:46 PM	9:12 PM
117 Madbury Road @ Woodman Rd	9:58 AM	11:48 AM	2:18 PM	4:18 PM	5:48 PM	9:14 PM
116 ARRIVE Garrison Ave @ Sawyer Hall	10:00 AM	11:49 AM	2:20 PM	4:20 PM	5:50 PM	9:16 PM
105 ARRIVE Main Street & Holloway Commons	10:01 AM	11:50 AM	2:21 PM	4:21 PM	5:51 PM	9:17 PM
1001 ARRIVE UNH McConnell Hall	10:03 AM	11:52 AM	2:23 PM	4:23 PM	5:53 PM	9:19 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

Portsmouth 4B

UNH / Durham to Malls & Portsmouth Market Square

Saturday - Sunday

Stop ID # & Location					
Outbound to Portsmouth		Run 1	Run 2	Run 3	Run 4
101	DEPART UNH MCCONNELL HALL	1:05 PM	3:35 PM	5:05 PM	9:05 PM
152	DEPART MITCHELL WAY @ McDANIEL DRIVE	1:06 PM	3:36 PM	5:06 PM	9:06 PM
102	DEPART UNH KINGSBURY HALL	1:07 PM	3:37 PM	5:07 PM	9:07 PM
103	DEPART UNH HEWITT HALL	1:07 PM	3:37 PM	5:07 PM	9:07 PM
104	DEPART MAIN STREET @ UNH THOMPSON HALL	1:10 PM	3:40 PM	5:10 PM	9:10 PM
105	DEPART MAIN ST @ HOLLOWAY COMMONS	1:11 PM	3:41 PM	5:11 PM	9:11 PM
106	DEPART MAIN STREET @ UNH HETZEL HALL	1:12 PM	3:42 PM	5:12 PM	9:12 PM
107	Rte 108 @ Old Landing Rd	1:14 PM	3:44 PM	5:14 PM	9:14 PM
109	Rte 108 @ Old Piscataqua Rd	1:14 PM	3:44 PM	5:14 PM	9:14 PM
121	Rte 4 @ 68 Piscataqua Rd	1:15 PM	3:45 PM	5:15 PM	9:15 PM
122	Rte 4 @ Riverview Rd	1:16 PM	3:46 PM	5:16 PM	9:16 PM
192	Rte 4 @ 116 Piscataqua Rd	1:16 PM	3:46 PM	5:16 PM	9:16 PM
123	Rte 4 @ Wagon Hill Farm	1:17 PM	3:47 PM	5:17 PM	9:17 PM
124	Rte 4 @ Cedar Point Rd	1:18 PM	3:48 PM	5:18 PM	9:18 PM
201	Boston Harbor Road @ DMV	On Request Only			
604	Newington Wal-Mart	1:26 PM	3:56 PM	5:26 PM	9:26 PM
603	Fox Run Mall (To Portsmouth)	1:28 PM	3:58 PM	5:28 PM	9:28 PM
601	Crossings at Fox Run @ Cold Stone Creamery	1:31 PM	4:01 PM	5:31 PM	9:31 PM
322	Woodbury Ave @ Holiday Inn	1:40 PM	4:10 PM	5:40 PM	9:40 PM
323	Woodbury Ave @ Woodbury Manor	1:40 PM	4:10 PM	5:40 PM	9:40 PM
315	Woodbury Ave @ Bartlett Street	1:40 PM	4:10 PM	5:40 PM	9:40 PM
305	Plaza 800	1:43 PM	4:13 PM	5:43 PM	9:43 PM
306	Islington Street @ Cass Street	1:45 PM	4:15 PM	5:45 PM	9:45 PM
304	Islington Street @ Goodwin Park	1:46 PM	4:16 PM	5:46 PM	9:46 PM
309	Islington Street @ Keefe House	1:47 PM	4:17 PM	5:47 PM	9:47 PM
303	Arrive Hanover Street @ High-Hanover Parking	1:49 PM	4:19 PM	5:49 PM	9:49 PM
Inbound to Durham					
303	Depart Hanover Street @ High-Hanover Parking	1:49 PM	4:19 PM	5:49 PM	9:49 PM
311	Market Square	1:51 PM	4:21 PM	5:51 PM	9:51 PM
324	Maplewood Ave @ Vaughan Street	1:53 PM	4:23 PM	5:53 PM	9:53 PM
325	Maplewood Ave @ Jackson Hill St	1:54 PM	4:24 PM	5:54 PM	9:54 PM
326	651 Maplewood Ave (Odd Fellow's Lodge)	1:55 PM	4:25 PM	5:55 PM	9:55 PM
327	Maplewood Ave @ Heritage Hill	1:56 PM	4:26 PM	5:56 PM	9:56 PM
333	Portsmouth Blvd @ Shearwater Drive	2:01 PM	4:31 PM	6:01 PM	10:01 PM
334	215 Commerce Way	2:01 PM	4:31 PM	6:01 PM	10:01 PM
335	175 Commerce Way	2:02 PM	4:32 PM	6:02 PM	10:02 PM
339	Commerce Way @ Marshall's Plaza	2:03 PM	4:33 PM	6:03 PM	10:03 PM
313	1855 Woodbury Ave @ Starbucks	2:04 PM	4:34 PM	6:04 PM	10:04 PM
301	Gosling Road @ Winsor Rd	2:06 PM	4:36 PM	6:06 PM	10:06 PM
602	Crossings at Fox Run @ Regal Cinemas	2:08 PM	4:38 PM	6:08 PM	10:07 PM
606	Fox Run Mall (to UNH)	2:11 PM	4:41 PM	6:11 PM	10:10 PM
605	Fox Run Rd @ Wal-Mart	2:13 PM	4:43 PM	6:13 PM	10:12 PM
607	2299 Wodbury Ave	2:14 PM	4:44 PM	6:14 PM	10:13 PM
201	Boston Harbor Road @ DMV	On Request Only			
125	Rte 4 @ Scammel Bridge (West Side)	2:21 PM	4:51 PM	6:21 PM	10:20 PM
126	Rte 4 @ Emery Farm	2:23 PM	4:53 PM	6:23 PM	10:22 PM
193	Rte 4 @ Morgan Way	2:23 PM	4:53 PM	6:23 PM	10:23 PM
127	Rte 4 @ Shearwater Street	2:24 PM	4:54 PM	6:24 PM	10:23 PM
120	Rte 4 @ 65 Piscataqua Road	2:25 PM	4:55 PM	6:25 PM	10:24 PM
119	Rte 108 @ The Pines Inn (#47)	2:28 PM	4:58 PM	6:28 PM	10:27 PM
108	Rte 108 @ Young Drive	2:28 PM	4:58 PM	6:28 PM	10:28 PM
117	Madbury Road @ Woodman Rd	2:30 PM	5:00 PM	6:30 PM	10:30 PM
116	ARRIVE Garrison Ave @ Sawyer Hall	2:32 PM	5:02 PM	6:32 PM	10:31 PM
105	ARRIVE Main Street & Holloway Commons	2:33 PM	5:03 PM	6:33 PM	10:32 PM
1001	ARRIVE UNH McConnell Hall	2:35 PM	5:05 PM	6:35 PM	10:34 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

There is no weekend service during periods of "Reduced Service"

Route 4B WEEKDAY**Portsmouth 4B
Reduced Service****UNH/Durham to Malls & Portsmouth Market Square****Monday - Friday**

Stop ID # & Location				
Outbound to Portsmouth		Run 1	Run 2	Run 3
				Run 4
101	DEPART UNH McCONNELL HALL	9:35 AM	1:05 PM	3:05 PM
152	DEPART MITCHELL WAY @ McDANIEL DRIVE	9:36 AM	1:06 PM	3:06 PM
102	DEPART UNH KINGSBURY HALL	9:37 AM	1:07 PM	3:07 PM
103	DEPART UNH HEWITT HALL	9:37 AM	1:07 PM	3:07 PM
104	DEPART MAIN STREET @ UNH THOMPSON HALL	9:40 AM	1:10 PM	3:10 PM
105	DEPART MAIN ST @ HOLLOWAY COMMONS	9:41 AM	1:11 PM	3:11 PM
106	DEPART MAIN STREET @ UNH HETZEL HALL	9:42 AM	1:12 PM	3:12 PM
107	Rte 108 @ Old Landing Rd	9:44 AM	1:14 PM	3:14 PM
109	Rte 108 @ Old Piscataqua Rd	9:44 AM	1:14 PM	3:14 PM
121	Rte 4 @ 68 Piscataqua Rd	9:45 AM	1:15 PM	3:15 PM
122	Rte 4 @ Riverview Rd	9:46 AM	1:16 PM	3:16 PM
192	Rte 4 @ 116 Piscataqua Rd	9:46 AM	1:16 PM	3:16 PM
123	Rte 4 @ Wagon Hill Farm	9:47 AM	1:17 PM	3:17 PM
124	Rte 4 @ Cedar Point Rd	9:48 AM	1:18 PM	3:18 PM
201	Boston Harbor Road @ DMV	On Request Only		
322	Woodbury Ave @ Holiday Inn	10:03 AM	1:25 PM	3:25 PM
323	Woodbury Ave @ Woodbury Manor	10:04 AM	1:26 PM	3:26 PM
315	Woodbury Ave @ Bartlett Street	10:04 AM	1:26 PM	3:26 PM
305	Plaza 800	10:06 AM	1:28 PM	3:28 PM
306	Islington Street @ Cass Street	10:08 AM	1:30 PM	3:30 PM
304	Islington Street @ Goodwin Park	10:09 AM	1:31 PM	3:31 PM
309	Islington Street @ Keefe House	10:10 AM	1:32 PM	3:32 PM
303	Arrive Hanover Street @ High-Hanover Parking	10:12 AM	1:34 PM	3:34 PM
Inbound to Durham				
303	Depart Hanover Street @ High-Hanover Parking	10:12 AM	1:34 PM	3:34 PM
311	Market Square	10:14 AM	1:36 PM	3:36 PM
324	Maplewood Ave @ Vaughan Street	10:16 AM	1:38 PM	3:38 PM
325	Maplewood Ave @ Jackson Hill St	10:17 AM	1:39 PM	3:39 PM
326	651 Maplewood Ave (Odd Fellow's Lodge)	10:18 AM	1:40 PM	3:40 PM
327	Maplewood Ave @ Heritage Hill	10:19 AM	1:41 PM	3:41 PM
333	Portsmouth Blvd @ Shearwater Drive	10:24 AM	1:46 PM	3:46 PM
334	215 Commerce Way	10:24 AM	1:46 PM	3:46 PM
335	175 Commerce Way	10:25 AM	1:47 PM	3:47 PM
339	Commerce Way @ Marshall's Plaza	10:25 AM	1:48 PM	3:48 PM
313	1855 Woodbury Ave @ Starbucks	10:27 AM	1:49 PM	3:49 PM
301	Gosling Road @ Winsor Rd	10:29 AM	1:51 PM	3:51 PM
602	Crossings at Fox Run @ Regal Cinemas	10:31 AM	1:53 PM	3:53 PM
606	Fox Run Mall (to UNH)	10:34 AM	1:56 PM	3:56 PM
605	Fox Run Rd @ Wal-Mart	10:36 AM	1:58 PM	3:58 PM
607	2299 Woodbury Ave	10:36 AM	1:59 PM	3:59 PM
201	Boston Harbor Road @ DMV	On Request Only		
125	Rte 4 @ Scammel Bridge (West Side)	10:44 AM	2:07 PM	4:07 PM
126	Rte 4 @ Emery Farm	10:45 AM	2:09 PM	4:09 PM
193	Rte 4 @ Morgan Way	10:46 AM	2:09 PM	4:09 PM
127	Rte 4 @ Shearwater Street	10:46 AM	2:10 PM	4:10 PM
120	Rte 4 @ 65 Piscataqua Rd	10:47 AM	2:10 PM	4:10 PM
119	Rte 108 @ The Pines Inn (#47)	10:50 AM	2:13 PM	4:13 PM
108	Rte 108 @ Young Drive	10:50 AM	2:14 PM	4:14 PM
117	Madbury Road @ Woodman Rd	10:52 AM	2:16 PM	4:16 PM
116	ARRIVE Garrison Ave @ Sawyer Hall	10:54 AM	2:17 PM	4:17 PM
105	ARRIVE Main Street & Holloway Commons	10:55 AM	2:18 PM	4:18 PM
1001	ARRIVE UNH McConnell Hall	10:57 AM	2:20 PM	4:20 PM

These times are approximate. Please be at the bus stop 5 minutes before the scheduled time.

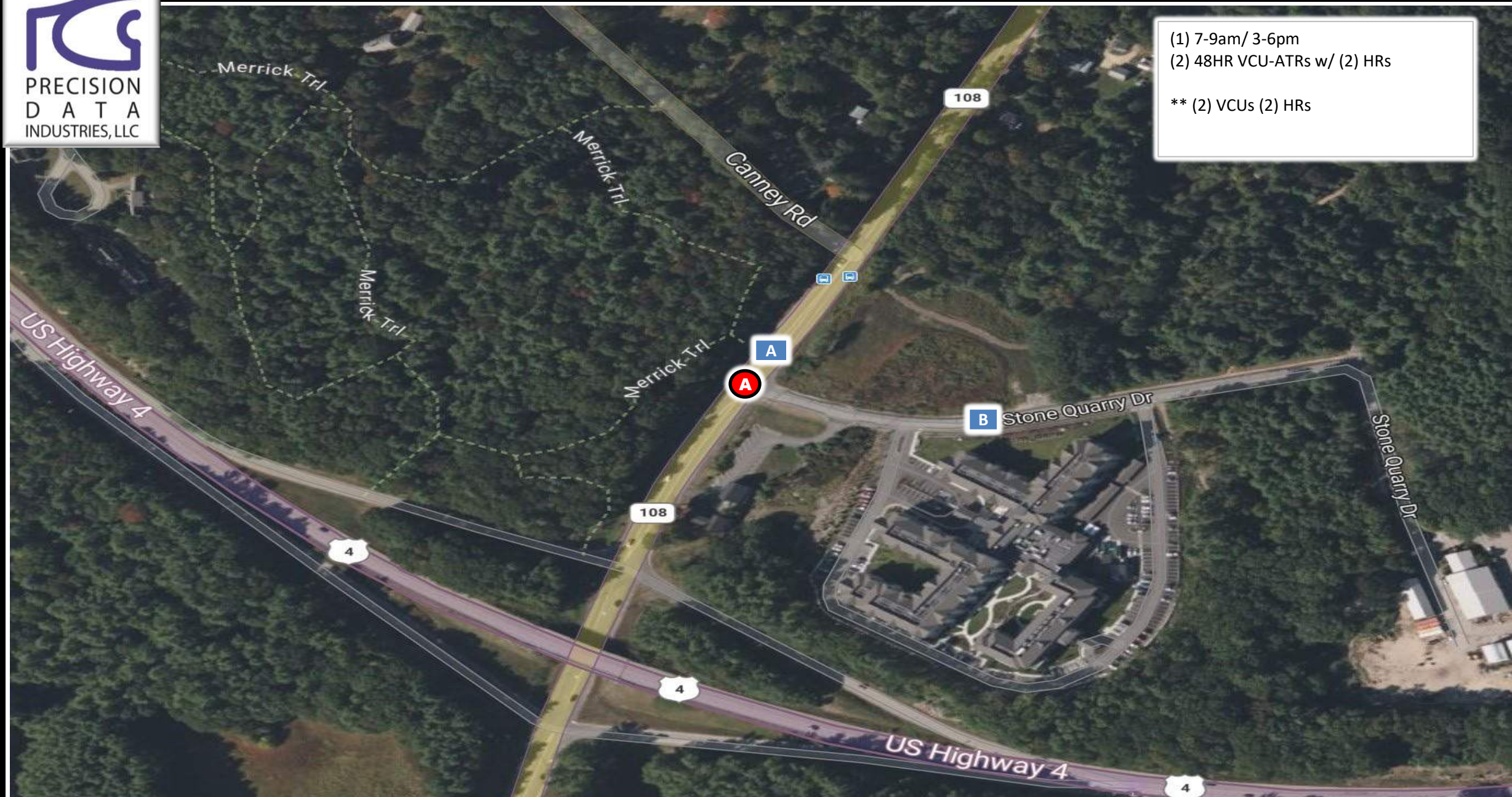
There is no service on weekends during periods of Reduced Service.

TRAFFIC COUNT DATA



Location Map: 250559 Durham, NH

Precision Data Industries, LLC 157 Washington Street, Suite 2, Hudson, MA 01749 ph: 508-875-0100 email: datarequests@pdillc.com



(1) 7-9am/ 3-6pm
(2) 48HR VCU-ATRs w/ (2) HRs

** (2) VCUs (2) HRs

Client:
GPI

Engineer:
C. Donaldson

Site Code:
NEX-250003

Date:
Wed 4/23 thru Thurs 4/24/2025

PDI Job #
250559

City, State:
Durham, NH

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Cars and Heavy Vehicles (Combined)

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	99	2	0	101	1	5	0	6	2	90	0	92	199
7:15 AM	92	3	0	95	3	4	0	7	2	77	0	79	181
7:30 AM	108	3	0	111	0	2	0	2	4	97	0	101	214
7:45 AM	126	5	0	131	0	2	0	2	7	119	0	126	259
Total	425	13	0	438	4	13	0	17	15	383	0	398	853
8:00 AM	140	2	0	142	1	2	0	3	6	107	0	113	258
8:15 AM	132	6	0	138	3	3	0	6	10	84	0	94	238
8:30 AM	130	2	0	132	3	4	0	7	11	101	0	112	251
8:45 AM	105	2	0	107	1	2	0	3	4	78	0	82	192
Total	507	12	0	519	8	11	0	19	31	370	0	401	939
Grand Total	932	25	0	957	12	24	0	36	46	753	0	799	1792
Approach %	97.4	2.6	0.0		33.3	66.7	0.0		5.8	94.2	0.0		
Total %	52.0	1.4	0.0	53.4	0.7	1.3	0.0	2.0	2.6	42.0	0.0	44.6	
Exiting Leg Total				765				71				956	1792
Cars	901	25	0	926	10	22	0	32	45	721	0	766	1724
% Cars	96.7	100.0	0.0	96.8	83.3	91.7	0.0	88.9	97.8	95.8	0.0	95.9	96.2
Exiting Leg Total				731				70				923	1724
Heavy Vehicles	31	0	0	31	2	2	0	4	1	32	0	33	68
% Heavy Vehicles	3.3	0.0	0.0	3.2	16.7	8.3	0.0	11.1	2.2	4.2	0.0	4.1	3.8
Exiting Leg Total				34				1				33	68

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:45 AM	126	5	0	131	0	2	0	2	7	119	0	126	259
8:00 AM	140	2	0	142	1	2	0	3	6	107	0	113	258
8:15 AM	132	6	0	138	3	3	0	6	10	84	0	94	238
8:30 AM	130	2	0	132	3	4	0	7	11	101	0	112	251
Total Volume	528	15	0	543	7	11	0	18	34	411	0	445	1006
% Approach Total	97.2	2.8	0.0		38.9	61.1	0.0		7.6	92.4	0.0		
PHF	0.943	0.625	0.000	0.956	0.583	0.688	0.000	0.643	0.773	0.863	0.000	0.883	0.971
Cars	513	15	0	528	6	11	0	17	33	392	0	425	970
Cars %	97.2	100.0	0.0	97.2	85.7	100.0	0.0	94.4	97.1	95.4	0.0	95.5	96.4
Heavy Vehicles	15	0	0	15	1	0	0	1	1	19	0	20	36
Heavy Vehicles %	2.8	0.0	0.0	2.8	14.3	0.0	0.0	5.6	2.9	4.6	0.0	4.5	3.6
Cars Enter Leg	513	15	0	528	6	11	0	17	33	392	0	425	970
Heavy Enter Leg	15	0	0	15	1	0	0	1	1	19	0	20	36
Total Entering Leg	528	15	0	543	7	11	0	18	34	411	0	445	1006
Cars Exiting Leg				398				48				524	970
Heavy Exiting Leg				20				1				15	36
Total Exiting Leg				418				49				539	1006

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Cars

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	98	2	0	100	1	5	0	6	2	88	0	90	196
7:15 AM	86	3	0	89	3	3	0	6	2	76	0	78	173
7:30 AM	105	3	0	108	0	2	0	2	4	91	0	95	205
7:45 AM	121	5	0	126	0	2	0	2	7	111	0	118	246
Total	410	13	0	423	4	12	0	16	15	366	0	381	820
8:00 AM	138	2	0	140	1	2	0	3	6	103	0	109	252
8:15 AM	128	6	0	134	2	3	0	5	10	82	0	92	231
8:30 AM	126	2	0	128	3	4	0	7	10	96	0	106	241
8:45 AM	99	2	0	101	0	1	0	1	4	74	0	78	180
Total	491	12	0	503	6	10	0	16	30	355	0	385	904
Grand Total	901	25	0	926	10	22	0	32	45	721	0	766	1724
Approach %	97.3	2.7	0.0		31.3	68.8	0.0		5.9	94.1	0.0		
Total %	52.3	1.5	0.0	53.7	0.6	1.3	0.0	1.9	2.6	41.8	0.0	44.4	
Exiting Leg Total	731				70				923				1724

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:45 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:45 AM	121	5	0	126	0	2	0	2	7	111	0	118	246
8:00 AM	138	2	0	140	1	2	0	3	6	103	0	109	252
8:15 AM	128	6	0	134	2	3	0	5	10	82	0	92	231
8:30 AM	126	2	0	128	3	4	0	7	10	96	0	106	241
Total Volume	513	15	0	528	6	11	0	17	33	392	0	425	970
% Approach Total	97.2	2.8	0.0		35.3	64.7	0.0		7.8	92.2	0.0		
PHF	0.929	0.625	0.000	0.943	0.500	0.688	0.000	0.607	0.825	0.883	0.000	0.900	0.962
Entering Leg	513	15	0	528	6	11	0	17	33	392	0	425	970
Exiting Leg				398				48				524	970
Total				926				65				949	1940

PDI File #: **250559 A**
Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
Location: **E: Stone Quarry Drive**
City, State: **Durham, NH**
Client: **GPI/ C. Donaldson**
Site Code: **NEX-250003**
Count Date: **Wednesday, April 23, 2025**
Start Time: **7:00 AM**
End Time: **9:00 AM**
Class:



Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	1	0	0	1	0	0	0	0	0	2	0	2	3
7:15 AM	6	0	0	6	0	1	0	1	0	1	0	1	8
7:30 AM	3	0	0	3	0	0	0	0	0	6	0	6	9
7:45 AM	5	0	0	5	0	0	0	0	0	8	0	8	13
Total	15	0	0	15	0	1	0	1	0	17	0	17	33
8:00 AM	2	0	0	2	0	0	0	0	0	4	0	4	6
8:15 AM	4	0	0	4	1	0	0	1	0	2	0	2	7
8:30 AM	4	0	0	4	0	0	0	0	1	5	0	6	10
8:45 AM	6	0	0	6	1	1	0	2	0	4	0	4	12
Total	16	0	0	16	2	1	0	3	1	15	0	16	35
Grand Total	31	0	0	31	2	2	0	4	1	32	0	33	68
Approach %	100.0	0.0	0.0		50.0	50.0	0.0		3.0	97.0	0.0		
Total %	45.6	0.0	0.0	45.6	2.9	2.9	0.0	5.9	1.5	47.1	0.0	48.5	
Exiting Leg Total	34				1				33				68
Buses	4	0	0	4	0	0	0	0	0	10	0	10	14
% Buses	12.9	0.0	0.0	12.9	0.0	0.0	0.0	0.0	0.0	31.3	0.0	30.3	20.6
Exiting Leg Total	10				0				4				14
Single-Unit Trucks	22	0	0	22	2	2	0	4	1	18	0	19	45
% Single-Unit	71.0	0.0	0.0	71.0	100.0	100.0	0.0	100.0	100.0	56.3	0.0	57.6	66.2
Exiting Leg Total	20				1				24				45
Articulated Trucks	5	0	0	5	0	0	0	0	0	4	0	4	9
% Articulated	16.1	0.0	0.0	16.1	0.0	0.0	0.0	0.0	0.0	12.5	0.0	12.1	13.2
Exiting Leg Total	4				0				5				9

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:15 AM	6	0	0	6	0	1	0	1	0	1	0	1	8
7:30 AM	3	0	0	3	0	0	0	0	0	6	0	6	9
7:45 AM	5	0	0	5	0	0	0	0	0	8	0	8	13
8:00 AM	2	0	0	2	0	0	0	0	0	4	0	4	6
Total Volume	16	0	0	16	0	1	0	1	0	19	0	19	36
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
PHF	0.667	0.000	0.000	0.667	0.000	0.250	0.000	0.250	0.000	0.594	0.000	0.594	0.692
Buses	3	0	0	3	0	0	0	0	0	9	0	9	12
Buses %	18.8	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0	47.4	0.0	47.4	33.3
Single-Unit Trucks	11	0	0	11	0	1	0	1	0	7	0	7	19
Single-Unit %	68.8	0.0	0.0	68.8	0.0	100.0	0.0	100.0	0.0	36.8	0.0	36.8	52.8
Articulated Trucks	2	0	0	2	0	0	0	0	0	3	0	3	5
Articulated %	12.5	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	15.8	0.0	15.8	13.9
Buses	3	0	0	3	0	0	0	0	0	9	0	9	12
Single-Unit Trucks	11	0	0	11	0	1	0	1	0	7	0	7	19
Articulated Trucks	2	0	0	2	0	0	0	0	0	3	0	3	5
Total Entering Leg	16	0	0	16	0	1	0	1	0	19	0	19	36
Buses				9				0				3	12
Single-Unit Trucks				7				0				12	19
Articulated Trucks				3				0				2	5
Total Exiting Leg				19				0				17	36

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Buses

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
7:30 AM	1	0	0	1	0	0	0	0	0	2	0	2	3
7:45 AM	2	0	0	2	0	0	0	0	0	5	0	5	7
Total	3	0	0	3	0	0	0	0	0	8	0	8	11
8:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
8:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
8:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	2	0	2	3
Grand Total	4	0	0	4	0	0	0	0	0	10	0	10	14
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	100.0	0.0		
Total %	28.6	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	71.4	0.0	71.4	
Exiting Leg Total	10				0				4				14

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:15 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
7:30 AM	1	0	0	1	0	0	0	0	0	2	0	2	3
7:45 AM	2	0	0	2	0	0	0	0	0	5	0	5	7
8:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
Total Volume	3	0	0	3	0	0	0	0	0	9	0	9	12
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	100.0	0.0		
PHF	0.375	0.000	0.000	0.375	0.000	0.000	0.000	0.000	0.000	0.450	0.000	0.450	0.429
Entering Leg	3	0	0	3	0	0	0	0	0	9	0	9	12
Exiting Leg				9				0				3	12
Total				12				0				12	24

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Single-Unit Trucks

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total	
	from North				from East				from South					
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total		
7:00 AM	1	0	0	1	0	0	0	0	0	1	0	0	1	2
7:15 AM	4	0	0	4	0	1	0	1	0	0	0	0	0	5
7:30 AM	2	0	0	2	0	0	0	0	0	3	0	0	3	5
7:45 AM	3	0	0	3	0	0	0	0	0	3	0	0	3	6
Total	10	0	0	10	0	1	0	1	0	7	0	0	7	18
8:00 AM	2	0	0	2	0	0	0	0	0	1	0	0	1	3
8:15 AM	3	0	0	3	1	0	0	1	0	1	0	0	1	5
8:30 AM	2	0	0	2	0	0	0	0	1	5	0	0	6	8
8:45 AM	5	0	0	5	1	1	0	2	0	4	0	0	4	11
Total	12	0	0	12	2	1	0	3	1	11	0	0	12	27
Grand Total	22	0	0	22	2	2	0	4	1	18	0	0	19	45
Approach %	100.0	0.0	0.0		50.0	50.0	0.0		5.3	94.7	0.0			
Total %	48.9	0.0	0.0	48.9	4.4	4.4	0.0	8.9	2.2	40.0	0.0		42.2	
Exiting Leg Total	20				1				24				45	

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

8:00 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
8:00 AM	2	0	0	2	0	0	0	0	0	1	0	1	3
8:15 AM	3	0	0	3	1	0	0	1	0	1	0	1	5
8:30 AM	2	0	0	2	0	0	0	0	1	5	0	6	8
8:45 AM	5	0	0	5	1	1	0	2	0	4	0	4	11
Total Volume	12	0	0	12	2	1	0	3	1	11	0	12	27
% Approach Total	100.0	0.0	0.0		66.7	33.3	0.0		8.3	91.7	0.0		
PHF	0.600	0.000	0.000	0.600	0.500	0.250	0.000	0.375	0.250	0.550	0.000	0.500	0.614
Entering Leg	12	0	0	12	2	1	0	3	1	11	0	12	27
Exiting Leg				13				1				13	27
Total				25				4				25	54

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Articulated Trucks

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:00 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
7:15 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	2	0	0	0	0	0	2	0	2	4
8:00 AM	0	0	0	0	0	0	0	0	0	2	0	2	2
8:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
8:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	3	0	0	3	0	0	0	0	0	2	0	2	5
Grand Total	5	0	0	5	0	0	0	0	0	4	0	4	9
Approach %	100.0	0.0	0.0		0.0	0.0	0.0		0.0	100.0	0.0		
Total %	55.6	0.0	0.0	55.6	0.0	0.0	0.0	0.0	0.0	44.4	0.0	44.4	
Exiting Leg Total	4				0				5				9

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
7:15 AM	2	0	0	2	0	0	0	0	0	0	0	0	2
7:30 AM	0	0	0	0	0	0	0	0	0	1	0	1	1
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	2	0	2	2
Total Volume	2	0	0	2	0	0	0	0	0	3	0	3	5
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	100.0	0.0		
PHF	0.250	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.375	0.000	0.375	0.625
Entering Leg	2	0	0	2	0	0	0	0	0	3	0	3	5
Exiting Leg				3				0				2	5
Total				5				0				5	10

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**



Bicycles (on Roadway and Crosswalks)

	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Grand Total	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Approach %	100.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		
Total %	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Exiting Leg Total	0						0						2						2

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:00 AM	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
% Approach Total	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PHF	0.250	0.000	0.000	0.000	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250
Entering Leg	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Exiting Leg	0						0						1						1
Total	1						0						1						2

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **7:00 AM**
 End Time: **9:00 AM**
 Class:



Pedestrians

	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2
Grand Total	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	2
Approach %	0	0	0	0	100		0	0	0	0	100		0	0	0	0	0		
Total %	0	0	0	0	50	50	0	0	0	0	50	50	0	0	0	0	0	0	
Exiting Leg Total	1						1						0						2

Peak Hour Analysis from 07:00 AM to 09:00 AM begins at:

7:15 AM	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
7:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	2
Total Volume	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	2
% Approach Total	0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0	100.0		0.0	0.0	0.0	0.0	0.0	
PHF	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.000	0.250	0.250		0.000	0.000	0.000	0.000	0.000	0.250
Entering Leg	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	2
Exiting Leg	1						1						0						2
Total	2						2						0						4

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Cars and Heavy Vehicles (Combined)

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	158	4	0	162	10	15	0	25	8	95	0	103	290
3:15 PM	113	2	0	115	8	4	0	12	3	96	0	99	226
3:30 PM	125	3	0	128	10	15	0	25	5	127	0	132	285
3:45 PM	120	2	0	122	3	8	0	11	12	145	0	157	290
Total	516	11	0	527	31	42	0	73	28	463	0	491	1091
4:00 PM	106	3	0	109	9	4	0	13	12	127	0	139	261
4:15 PM	115	3	1	119	1	6	0	7	10	122	0	132	258
4:30 PM	106	3	0	109	5	4	0	9	3	149	0	152	270
4:45 PM	117	4	0	121	7	6	0	13	3	137	1	141	275
Total	444	13	1	458	22	20	0	42	28	535	1	564	1064
5:00 PM	128	0	0	128	4	6	0	10	1	143	0	144	282
5:15 PM	110	2	0	112	1	4	0	5	5	149	0	154	271
5:30 PM	90	3	0	93	2	6	0	8	3	145	0	148	249
5:45 PM	93	0	0	93	0	2	0	2	0	119	0	119	214
Total	421	5	0	426	7	18	0	25	9	556	0	565	1016
Grand Total	1381	29	1	1411	60	80	0	140	65	1554	1	1620	3171
Approach %	97.9	2.1	0.1		42.9	57.1	0.0		4.0	95.9	0.1		
Total %	43.6	0.9	0.0	44.5	1.9	2.5	0.0	4.4	2.0	49.0	0.0	51.1	
Exiting Leg Total				1615				94				1462	3171
Cars	1352	28	1	1381	58	77	0	135	62	1527	1	1590	3106
% Cars	97.9	96.6	100.0	97.9	96.7	96.3	0.0	96.4	95.4	98.3	100.0	98.1	98.0
Exiting Leg Total				1586				90				1430	3106
Heavy Vehicles	29	1	0	30	2	3	0	5	3	27	0	30	65
% Heavy Vehicles	2.1	3.4	0.0	2.1	3.3	3.8	0.0	3.6	4.6	1.7	0.0	1.9	2.0
Exiting Leg Total				29				4				32	65

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

4:30 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:30 PM	106	3	0	109	5	4	0	9	3	149	0	152	270
4:45 PM	117	4	0	121	7	6	0	13	3	137	1	141	275
5:00 PM	128	0	0	128	4	6	0	10	1	143	0	144	282
5:15 PM	110	2	0	112	1	4	0	5	5	149	0	154	271
Total Volume	461	9	0	470	17	20	0	37	12	578	1	591	1098
% Approach Total	98.1	1.9	0.0		45.9	54.1	0.0		2.0	97.8	0.2		
PHF	0.900	0.563	0.000	0.918	0.607	0.833	0.000	0.712	0.600	0.970	0.250	0.959	0.973
Cars	458	9	0	467	16	19	0	35	11	573	1	585	1087
Cars %	99.3	100.0	0.0	99.4	94.1	95.0	0.0	94.6	91.7	99.1	100.0	99.0	99.0
Heavy Vehicles	3	0	0	3	1	1	0	2	1	5	0	6	11
Heavy Vehicles %	0.7	0.0	0.0	0.6	5.9	5.0	0.0	5.4	8.3	0.9	0.0	1.0	1.0
Cars Enter Leg	458	9	0	467	16	19	0	35	11	573	1	585	1087
Heavy Enter Leg	3	0	0	3	1	1	0	2	1	5	0	6	11
Total Entering Leg	461	9	0	470	17	20	0	37	12	578	1	591	1098
Cars Exiting Leg				589				20				478	1087
Heavy Exiting Leg				6				1				4	11
Total Exiting Leg				595				21				482	1098

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Cars

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	148	4	0	152	10	14	0	24	8	93	0	101	277
3:15 PM	108	2	0	110	8	4	0	12	3	94	0	97	219
3:30 PM	122	3	0	125	10	15	0	25	5	119	0	124	274
3:45 PM	118	2	0	120	3	8	0	11	11	141	0	152	283
Total	496	11	0	507	31	41	0	72	27	447	0	474	1053
4:00 PM	104	3	0	107	8	4	0	12	12	126	0	138	257
4:15 PM	115	3	1	119	1	6	0	7	9	120	0	129	255
4:30 PM	106	3	0	109	5	4	0	9	2	147	0	149	267
4:45 PM	117	4	0	121	6	6	0	12	3	137	1	141	274
Total	442	13	1	456	20	20	0	40	26	530	1	557	1053
5:00 PM	127	0	0	127	4	6	0	10	1	143	0	144	281
5:15 PM	108	2	0	110	1	3	0	4	5	146	0	151	265
5:30 PM	88	2	0	90	2	5	0	7	3	144	0	147	244
5:45 PM	91	0	0	91	0	2	0	2	0	117	0	117	210
Total	414	4	0	418	7	16	0	23	9	550	0	559	1000
Grand Total	1352	28	1	1381	58	77	0	135	62	1527	1	1590	3106
Approach %	97.9	2.0	0.1		43.0	57.0	0.0		3.9	96.0	0.1		
Total %	43.5	0.9	0.0	44.5	1.9	2.5	0.0	4.3	2.0	49.2	0.0	51.2	
Exiting Leg Total	1586				90				1430				3106

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

4:30 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
4:30 PM	106	3	0	109	5	4	0	9	2	147	0	149	267
4:45 PM	117	4	0	121	6	6	0	12	3	137	1	141	274
5:00 PM	127	0	0	127	4	6	0	10	1	143	0	144	281
5:15 PM	108	2	0	110	1	3	0	4	5	146	0	151	265
Total Volume	458	9	0	467	16	19	0	35	11	573	1	585	1087
% Approach Total	98.1	1.9	0.0		45.7	54.3	0.0		1.9	97.9	0.2		
PHF	0.902	0.563	0.000	0.919	0.667	0.792	0.000	0.729	0.550	0.974	0.250	0.969	0.967
Entering Leg	458	9	0	467	16	19	0	35	11	573	1	585	1087
Exiting Leg				589				20				478	1087
Total				1056				55				1063	2174

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**



Class: **Heavy Vehicles-Combined (Buses, Single-Unit Trucks, Articulated Trucks)**

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	10	0	0	10	0	1	0	1	0	2	0	2	13
3:15 PM	5	0	0	5	0	0	0	0	0	2	0	2	7
3:30 PM	3	0	0	3	0	0	0	0	0	8	0	8	11
3:45 PM	2	0	0	2	0	0	0	0	1	4	0	5	7
Total	20	0	0	20	0	1	0	1	1	16	0	17	38
4:00 PM	2	0	0	2	1	0	0	1	0	1	0	1	4
4:15 PM	0	0	0	0	0	0	0	0	1	2	0	3	3
4:30 PM	0	0	0	0	0	0	0	0	1	2	0	3	3
4:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	1
Total	2	0	0	2	2	0	0	2	2	5	0	7	11
5:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
5:15 PM	2	0	0	2	0	1	0	1	0	3	0	3	6
5:30 PM	2	1	0	3	0	1	0	1	0	1	0	1	5
5:45 PM	2	0	0	2	0	0	0	0	0	2	0	2	4
Total	7	1	0	8	0	2	0	2	0	6	0	6	16
Grand Total	29	1	0	30	2	3	0	5	3	27	0	30	65
Approach %	96.7	3.3	0.0		40.0	60.0	0.0		10.0	90.0	0.0		
Total %	44.6	1.5	0.0	46.2	3.1	4.6	0.0	7.7	4.6	41.5	0.0	46.2	
Exiting Leg Total	29				4				32				65
Buses	9	0	0	9	0	1	0	1	1	4	0	5	15
% Buses	31.0	0.0	0.0	30.0	0.0	33.3	0.0	20.0	33.3	14.8	0.0	16.7	23.1
Exiting Leg Total	4				1				10				15
Single-Unit Trucks	14	1	0	15	2	1	0	3	2	17	0	19	37
% Single-Unit	48.3	100.0	0.0	50.0	100.0	33.3	0.0	60.0	66.7	63.0	0.0	63.3	56.9
Exiting Leg Total	19				3				15				37
Articulated Trucks	6	0	0	6	0	1	0	1	0	6	0	6	13
% Articulated	20.7	0.0	0.0	20.0	0.0	33.3	0.0	20.0	0.0	22.2	0.0	20.0	20.0
Exiting Leg Total	6				0				7				13

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:00 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	10	0	0	10	0	1	0	1	0	2	0	2	13
3:15 PM	5	0	0	5	0	0	0	0	0	2	0	2	7
3:30 PM	3	0	0	3	0	0	0	0	0	8	0	8	11
3:45 PM	2	0	0	2	0	0	0	0	1	4	0	5	7
Total Volume	20	0	0	20	0	1	0	1	1	16	0	17	38
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		5.9	94.1	0.0		
PHF	0.500	0.000	0.000	0.500	0.000	0.250	0.000	0.250	0.250	0.500	0.000	0.531	0.731
Buses	7	0	0	7	0	0	0	0	0	1	0	1	8
Buses %	35.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	5.9	21.1
Single-Unit Trucks	11	0	0	11	0	0	0	0	1	10	0	11	22
Single-Unit %	55.0	0.0	0.0	55.0	0.0	0.0	0.0	0.0	100.0	62.5	0.0	64.7	57.9
Articulated Trucks	2	0	0	2	0	1	0	1	0	5	0	5	8
Articulated %	10.0	0.0	0.0	10.0	0.0	100.0	0.0	100.0	0.0	31.3	0.0	29.4	21.1
Buses	7	0	0	7	0	0	0	0	0	1	0	1	8
Single-Unit Trucks	11	0	0	11	0	0	0	0	1	10	0	11	22
Articulated Trucks	2	0	0	2	0	1	0	1	0	5	0	5	8
Total Entering Leg	20	0	0	20	0	1	0	1	1	16	0	17	38
Buses				1				0				7	8
Single-Unit Trucks				10				1				11	22
Articulated Trucks				5				0				3	8
Total Exiting Leg				16				1				21	38

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Buses

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	4	0	0	4	0	0	0	0	0	0	0	0	4
3:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
3:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
3:45 PM	1	0	0	1	0	0	0	0	0	1	0	1	2
Total	7	0	0	7	0	0	0	0	0	1	0	1	8
4:00 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
4:15 PM	0	0	0	0	0	0	0	0	1	0	0	1	1
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	2	2
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	1	0	1	0	1	0	1	2
5:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
5:45 PM	1	0	0	1	0	0	0	0	0	1	0	1	2
Total	2	0	0	2	0	1	0	1	0	2	0	2	5
Grand Total	9	0	0	9	0	1	0	1	1	4	0	5	15
Approach %	100.0	0.0	0.0		0.0	100.0	0.0		20.0	80.0	0.0		
Total %	60.0	0.0	0.0	60.0	0.0	6.7	0.0	6.7	6.7	26.7	0.0	33.3	
Exiting Leg Total	4				1				10				15

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:00 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	4	0	0	4	0	0	0	0	0	0	0	0	4
3:15 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
3:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
3:45 PM	1	0	0	1	0	0	0	0	0	1	0	1	2
Total Volume	7	0	0	7	0	0	0	0	0	1	0	1	8
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		0.0	100.0	0.0		
PHF	0.438	0.000	0.000	0.438	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.250	0.500
Entering Leg	7	0	0	7	0	0	0	0	0	1	0	1	8
Exiting Leg				1				0				7	8
Total				8				0				8	16

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Single-Unit Trucks

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	4	0	0	4	0	0	0	0	0	2	0	2	6
3:15 PM	4	0	0	4	0	0	0	0	0	2	0	2	6
3:30 PM	2	0	0	2	0	0	0	0	0	3	0	3	5
3:45 PM	1	0	0	1	0	0	0	0	1	3	0	4	5
Total	11	0	0	11	0	0	0	0	1	10	0	11	22
4:00 PM	1	0	0	1	1	0	0	1	0	0	0	0	2
4:15 PM	0	0	0	0	0	0	0	0	0	2	0	2	2
4:30 PM	0	0	0	0	0	0	0	0	1	2	0	3	3
4:45 PM	0	0	0	0	1	0	0	1	0	0	0	0	1
Total	1	0	0	1	2	0	0	2	1	4	0	5	8
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	2	0	2	2
5:30 PM	1	1	0	2	0	1	0	1	0	0	0	0	3
5:45 PM	1	0	0	1	0	0	0	0	0	1	0	1	2
Total	2	1	0	3	0	1	0	1	0	3	0	3	7
Grand Total	14	1	0	15	2	1	0	3	2	17	0	19	37
Approach %	93.3	6.7	0.0		66.7	33.3	0.0		10.5	89.5	0.0		
Total %	37.8	2.7	0.0	40.5	5.4	2.7	0.0	8.1	5.4	45.9	0.0	51.4	
Exiting Leg Total	19				3				15				37

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:00 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	4	0	0	4	0	0	0	0	0	2	0	2	6
3:15 PM	4	0	0	4	0	0	0	0	0	2	0	2	6
3:30 PM	2	0	0	2	0	0	0	0	0	3	0	3	5
3:45 PM	1	0	0	1	0	0	0	0	1	3	0	4	5
Total Volume	11	0	0	11	0	0	0	0	1	10	0	11	22
% Approach Total	100.0	0.0	0.0		0.0	0.0	0.0		9.1	90.9	0.0		
PHF	0.688	0.000	0.000	0.688	0.000	0.000	0.000	0.000	0.250	0.833	0.000	0.688	0.917
Entering Leg	11	0	0	11	0	0	0	0	1	10	0	11	22
Exiting Leg				10				1				11	22
Total				21				1				22	44

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Articulated Trucks

	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	2	0	0	2	0	1	0	1	0	0	0	0	3
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	5	0	5	5
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	2	0	1	0	1	0	5	0	5	8
4:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
5:00 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
5:15 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
5:30 PM	0	0	0	0	0	0	0	0	0	1	0	1	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	0	0	3	0	0	0	0	0	1	0	1	4
Grand Total	6	0	0	6	0	1	0	1	0	6	0	6	13
Approach %	100.0	0.0	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
Total %	46.2	0.0	0.0	46.2	0.0	7.7	0.0	7.7	0.0	46.2	0.0	46.2	
Exiting Leg Total	6				0				7				13

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:00 PM	Dover Road (Route 108)				Stone Quarry Drive				Dover Road (Route 108)				Total
	from North				from East				from South				
	Thru	Left	U-Turn	Total	Right	Left	U-Turn	Total	Right	Thru	U-Turn	Total	
3:00 PM	2	0	0	2	0	1	0	1	0	0	0	0	3
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	5	0	5	5
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	2	0	0	2	0	1	0	1	0	5	0	5	8
% Approach Total	100.0	0.0	0.0		0.0	100.0	0.0		0.0	100.0	0.0		
PHF	0.250	0.000	0.000	0.250	0.000	0.250	0.000	0.250	0.000	0.250	0.000	0.250	0.400
Entering Leg	2	0	0	2	0	1	0	1	0	5	0	5	8
Exiting Leg				5				0				3	8
Total				7				1				8	16

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**



Class: **Bicycles (on Roadway and Crosswalks)**

	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2
3:15 PM	1	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	1	3
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	3	5
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
4:45 PM	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	2
Total	1	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	2	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Grand Total	2	0	0	0	0	2	1	0	0	0	0	1	1	5	0	0	0	6	9
Approach %	100.0	0.0	0.0	0.0	0.0		100.0	0.0	0.0	0.0	0.0		16.7	83.3	0.0	0.0	0.0		
Total %	22.2	0.0	0.0	0.0	0.0	22.2	11.1	0.0	0.0	0.0	0.0	11.1	11.1	55.6	0.0	0.0	0.0	66.7	
Exiting Leg Total	6						1						2						9

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:00 PM	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total	
	from North						from East						from South							
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total		
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	2
3:15 PM	1	0	0	0	0	1	1	0	0	0	0	1	0	1	0	0	0	0	1	3
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Volume	1	0	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	3	5
% Approach Total	100.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	33.3	66.7	0.0	0.0	0.0	0.0		
PHF	0.250	0.000	0.000	0.000	0.000	0.250	0.250	0.000	0.000	0.000	0.000	0.250	0.250	0.500	0.000	0.000	0.000	0.375		0.417
Entering Leg	1	0	0	0	0	1	1	0	0	0	0	1	1	2	0	0	0	0	3	5
Exiting Leg						3						1							1	5
Total						4						2							4	10

PDI File #: **250559 A**
 Location: **N: Dover Road (Route 108) S: Dover Road (Route 108)**
 Location: **E: Stone Quarry Drive**
 City, State: **Durham, NH**
 Client: **GPI/ C. Donaldson**
 Site Code: **NEX-250003**
 Count Date: **Wednesday, April 23, 2025**
 Start Time: **3:00 PM**
 End Time: **6:00 PM**
 Class:



Pedestrians

	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
3:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Approach %	0	0	0	100	0		0	0	0	0	0		0	0	0	0	0		
Total %	0	0	0	100	0	100	0	0	0	0	0	0	0	0	0	0	0	0	
Exiting Leg Total	3						0						0						3

Peak Hour Analysis from 03:00 PM to 06:00 PM begins at:

3:45 PM	Dover Road (Route 108)						Stone Quarry Drive						Dover Road (Route 108)						Total
	from North						from East						from South						
	Thru	Left	U-Turn	CW-EB	CW-WB	Total	Right	Left	U-Turn	CW-SB	CW-NB	Total	Right	Thru	U-Turn	CW-WB	CW-EB	Total	
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Total Volume	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
% Approach Total	0.0	0.0	0.0	100.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	
PHF	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.250
Entering Leg	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3
Exiting Leg	3						0						0						3
Total	6						0						0						6

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File # 250559 ATR-A

Count Date: Wednesday, April 23, 2025
Direction: NB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	8	0	0	8	12:00 PM	71	0	1	72
12:15 AM	6	0	0	6	12:15 PM	85	0	1	86
12:30 AM	3	0	0	3	12:30 PM	67	0	3	70
12:45 AM	4	0	0	4	12:45 PM	94	0	1	95
1:00 AM	1	0	0	1	1:00 PM	95	0	0	95
1:15 AM	2	0	0	2	1:15 PM	90	0	0	90
1:30 AM	3	0	0	3	1:30 PM	87	0	0	87
1:45 AM	4	0	0	4	1:45 PM	83	0	0	83
2:00 AM	3	0	0	3	2:00 PM	88	0	0	88
2:15 AM	1	0	0	1	2:15 PM	123	0	1	124
2:30 AM	0	0	0	0	2:30 PM	101	0	0	101
2:45 AM	2	0	0	2	2:45 PM	102	0	0	102
3:00 AM	1	0	0	1	3:00 PM	110	0	0	110
3:15 AM	0	0	0	0	3:15 PM	103	0	0	103
3:30 AM	2	0	0	2	3:30 PM	138	0	4	142
3:45 AM	3	0	0	3	3:45 PM	148	0	0	148
4:00 AM	1	0	0	1	4:00 PM	128	0	0	128
4:15 AM	1	0	0	1	4:15 PM	123	0	0	123
4:30 AM	5	0	0	5	4:30 PM	150	0	0	150
4:45 AM	3	0	0	3	4:45 PM	140	0	0	140
5:00 AM	7	0	0	7	5:00 PM	148	0	0	148
5:15 AM	15	0	1	16	5:15 PM	148	0	0	148
5:30 AM	16	0	0	16	5:30 PM	147	0	1	148
5:45 AM	20	0	0	20	5:45 PM	119	0	0	119
6:00 AM	30	0	0	30	6:00 PM	109	0	0	109
6:15 AM	44	0	0	44	6:15 PM	117	0	0	117
6:30 AM	52	0	1	53	6:30 PM	86	0	0	86
6:45 AM	86	0	1	87	6:45 PM	90	0	0	90
7:00 AM	91	0	1	92	7:00 PM	60	0	0	60
7:15 AM	80	0	0	80	7:15 PM	64	0	0	64
7:30 AM	93	0	0	93	7:30 PM	57	0	0	57
7:45 AM	114	0	0	114	7:45 PM	62	0	0	62
8:00 AM	103	0	2	105	8:00 PM	56	0	0	56
8:15 AM	85	0	0	85	8:15 PM	51	0	0	51
8:30 AM	97	0	0	97	8:30 PM	49	0	0	49
8:45 AM	73	0	0	73	8:45 PM	35	0	1	36
9:00 AM	70	0	2	72	9:00 PM	39	0	0	39
9:15 AM	61	0	0	61	9:15 PM	48	0	0	48
9:30 AM	75	0	0	75	9:30 PM	31	0	0	31
9:45 AM	81	0	2	83	9:45 PM	25	0	0	25
10:00 AM	77	0	3	80	10:00 PM	32	0	0	32
10:15 AM	75	0	1	76	10:15 PM	27	0	0	27
10:30 AM	68	0	1	69	10:30 PM	21	0	0	21
10:45 AM	61	0	3	64	10:45 PM	17	0	0	17
11:00 AM	72	0	1	73	11:00 PM	19	0	0	19
11:15 AM	86	0	0	86	11:15 PM	18	0	0	18
11:30 AM	68	0	0	68	11:30 PM	7	0	0	7
11:45 AM	83	0	1	84	11:45 PM	8	0	0	8
AM Total	1936	0	20	1956	PM Total	3816	0	13	3829
Percentage	98.98%	0.00%	1.02%		Percentage	99.66%	0.00%	0.34%	
AM Peak	7:45 AM	12:00 AM	10:00 AM	7:45 AM	PM Peak	4:30 PM	12:00 PM	12:00 PM	4:30 PM
Volume	399	0	8	401	Volume	586	0	6	586
					Day Total	5752	0	33	5785
					Percentage	99.43%	0.00%	0.57%	

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



Count Date: Thursday, April 24, 2025
Direction: NB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	14	0	0	14	12:00 PM	78	0	1	79
12:15 AM	11	0	0	11	12:15 PM	76	0	1	77
12:30 AM	9	0	0	9	12:30 PM	102	0	0	102
12:45 AM	10	0	0	10	12:45 PM	92	0	0	92
1:00 AM	3	0	0	3	1:00 PM	105	0	0	105
1:15 AM	8	0	0	8	1:15 PM	85	0	1	86
1:30 AM	5	0	1	6	1:30 PM	82	0	0	82
1:45 AM	5	0	0	5	1:45 PM	81	0	2	83
2:00 AM	1	0	0	1	2:00 PM	102	0	0	102
2:15 AM	2	0	0	2	2:15 PM	111	0	1	112
2:30 AM	2	0	0	2	2:30 PM	93	0	2	95
2:45 AM	2	0	0	2	2:45 PM	104	0	0	104
3:00 AM	3	0	0	3	3:00 PM	100	0	0	100
3:15 AM	0	0	0	0	3:15 PM	127	0	1	128
3:30 AM	0	0	1	1	3:30 PM	149	0	0	149
3:45 AM	1	0	0	1	3:45 PM	149	0	0	149
4:00 AM	1	0	0	1	4:00 PM	142	0	1	143
4:15 AM	2	0	0	2	4:15 PM	152	0	2	154
4:30 AM	5	0	0	5	4:30 PM	163	0	1	164
4:45 AM	7	0	0	7	4:45 PM	165	0	0	165
5:00 AM	3	0	0	3	5:00 PM	171	0	1	172
5:15 AM	14	0	0	14	5:15 PM	167	0	0	167
5:30 AM	22	0	0	22	5:30 PM	122	0	0	122
5:45 AM	26	0	0	26	5:45 PM	123	0	0	123
6:00 AM	38	0	0	38	6:00 PM	110	0	0	110
6:15 AM	45	0	0	45	6:15 PM	102	0	0	102
6:30 AM	60	0	0	60	6:30 PM	87	0	0	87
6:45 AM	84	0	1	85	6:45 PM	86	0	0	86
7:00 AM	77	0	1	78	7:00 PM	81	0	0	81
7:15 AM	102	0	1	103	7:15 PM	61	0	0	61
7:30 AM	90	0	2	92	7:30 PM	74	0	0	74
7:45 AM	113	0	0	113	7:45 PM	59	0	0	59
8:00 AM	113	0	0	113	8:00 PM	52	0	0	52
8:15 AM	78	0	0	78	8:15 PM	46	0	0	46
8:30 AM	70	0	1	71	8:30 PM	42	0	0	42
8:45 AM	78	0	1	79	8:45 PM	38	0	0	38
9:00 AM	65	0	0	65	9:00 PM	42	0	0	42
9:15 AM	71	0	0	71	9:15 PM	50	0	0	50
9:30 AM	76	0	1	77	9:30 PM	30	0	0	30
9:45 AM	85	0	1	86	9:45 PM	24	0	0	24
10:00 AM	54	0	0	54	10:00 PM	35	0	0	35
10:15 AM	88	0	0	88	10:15 PM	25	0	0	25
10:30 AM	62	0	2	64	10:30 PM	40	0	0	40
10:45 AM	82	0	1	83	10:45 PM	25	0	0	25
11:00 AM	76	0	0	76	11:00 PM	17	0	0	17
11:15 AM	86	0	0	86	11:15 PM	16	0	0	16
11:30 AM	59	0	0	59	11:30 PM	9	0	0	9
11:45 AM	74	0	1	75	11:45 PM	13	0	0	13
AM Total	1982	0	15	1997	PM Total	4005	0	14	4019
Percentage	99.25%	0.00%	0.75%		Percentage	99.65%	0.00%	0.35%	
AM Peak	7:15 AM	12:00 AM	6:45 AM	7:15 AM	PM Peak	4:30 PM	12:00 PM	1:45 PM	4:30 PM
Volume	418	0	5	421	Volume	666	0	5	668
					Day Total	5987	0	29	6016
					Percentage	99.52%	0.00%	0.48%	

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



Count Date: Wednesday, April 23, 2025
Direction: SB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	6	0	0	6	12:00 PM	82	0	2	84
12:15 AM	3	0	0	3	12:15 PM	91	0	0	91
12:30 AM	6	0	0	6	12:30 PM	95	0	0	95
12:45 AM	6	0	0	6	12:45 PM	80	0	3	83
1:00 AM	4	0	0	4	1:00 PM	77	0	0	77
1:15 AM	3	0	0	3	1:15 PM	74	0	0	74
1:30 AM	2	0	0	2	1:30 PM	79	0	0	79
1:45 AM	1	0	0	1	1:45 PM	75	0	4	79
2:00 AM	0	0	0	0	2:00 PM	86	0	0	86
2:15 AM	3	0	0	3	2:15 PM	92	0	0	92
2:30 AM	1	0	0	1	2:30 PM	107	0	1	108
2:45 AM	2	0	0	2	2:45 PM	105	0	1	106
3:00 AM	1	0	0	1	3:00 PM	151	0	2	153
3:15 AM	0	0	0	0	3:15 PM	108	0	0	108
3:30 AM	4	0	0	4	3:30 PM	116	0	0	116
3:45 AM	2	0	0	2	3:45 PM	116	0	1	117
4:00 AM	3	0	1	4	4:00 PM	105	0	1	106
4:15 AM	8	0	0	8	4:15 PM	118	0	0	118
4:30 AM	13	0	0	13	4:30 PM	106	0	0	106
4:45 AM	14	0	1	15	4:45 PM	120	0	0	120
5:00 AM	17	0	0	17	5:00 PM	130	0	1	131
5:15 AM	26	0	0	26	5:15 PM	119	0	2	121
5:30 AM	27	0	0	27	5:30 PM	103	0	0	103
5:45 AM	42	0	0	42	5:45 PM	97	0	0	97
6:00 AM	36	0	0	36	6:00 PM	83	0	2	85
6:15 AM	53	0	1	54	6:15 PM	105	0	0	105
6:30 AM	75	0	1	76	6:30 PM	70	0	0	70
6:45 AM	82	0	0	82	6:45 PM	93	0	0	93
7:00 AM	98	0	0	98	7:00 PM	66	0	0	66
7:15 AM	90	0	2	92	7:15 PM	62	0	0	62
7:30 AM	106	0	0	106	7:30 PM	47	0	0	47
7:45 AM	127	0	0	127	7:45 PM	57	0	0	57
8:00 AM	141	0	2	143	8:00 PM	65	0	0	65
8:15 AM	127	0	1	128	8:15 PM	69	0	0	69
8:30 AM	129	0	1	130	8:30 PM	35	0	0	35
8:45 AM	102	0	1	103	8:45 PM	55	0	0	55
9:00 AM	84	0	1	85	9:00 PM	38	0	0	38
9:15 AM	79	0	3	82	9:15 PM	38	0	0	38
9:30 AM	80	0	0	80	9:30 PM	22	0	0	22
9:45 AM	85	0	0	85	9:45 PM	18	0	0	18
10:00 AM	70	0	0	70	10:00 PM	23	0	0	23
10:15 AM	80	0	2	82	10:15 PM	17	0	0	17
10:30 AM	89	0	1	90	10:30 PM	14	0	0	14
10:45 AM	78	0	0	78	10:45 PM	10	0	0	10
11:00 AM	86	0	2	88	11:00 PM	12	0	0	12
11:15 AM	86	0	3	89	11:15 PM	8	0	0	8
11:30 AM	78	0	0	78	11:30 PM	11	0	0	11
11:45 AM	84	0	2	86	11:45 PM	7	0	0	7
AM Total	2339	0	25	2364	PM Total	3457	0	20	3477
Percentage	98.94%	0.00%	1.06%		Percentage	99.42%	0.00%	0.58%	
AM Peak	7:45 AM	12:00 AM	11:00 AM	7:45 AM	PM Peak	3:00 PM	12:00 PM	12:00 PM	3:00 PM
Volume	524	0	7	528	Volume	491	0	5	494
					Day Total	5796	0	45	5841
					Percentage	99.23%	0.00%	0.77%	

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



Count Date: Thursday, April 24, 2025
Direction: SB

AM	Cars	Single Unit Heavy	Multi Unit Heavy	Total	PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 AM	7	0	0	7	12:00 PM	81	0	0	81
12:15 AM	3	0	0	3	12:15 PM	98	0	0	98
12:30 AM	2	0	0	2	12:30 PM	94	0	0	94
12:45 AM	4	0	0	4	12:45 PM	97	0	1	98
1:00 AM	2	0	0	2	1:00 PM	85	0	1	86
1:15 AM	7	0	0	7	1:15 PM	78	0	0	78
1:30 AM	5	0	0	5	1:30 PM	75	0	1	76
1:45 AM	1	0	0	1	1:45 PM	94	0	1	95
2:00 AM	2	0	0	2	2:00 PM	87	0	0	87
2:15 AM	3	0	0	3	2:15 PM	81	0	1	82
2:30 AM	2	0	0	2	2:30 PM	117	0	1	118
2:45 AM	4	0	0	4	2:45 PM	191	0	2	193
3:00 AM	0	0	0	0	3:00 PM	159	0	1	160
3:15 AM	3	0	0	3	3:15 PM	151	0	0	151
3:30 AM	2	0	0	2	3:30 PM	103	0	1	104
3:45 AM	2	0	0	2	3:45 PM	112	0	0	112
4:00 AM	2	0	0	2	4:00 PM	128	0	0	128
4:15 AM	9	0	0	9	4:15 PM	114	0	0	114
4:30 AM	6	0	0	6	4:30 PM	128	0	0	128
4:45 AM	16	0	0	16	4:45 PM	111	0	0	111
5:00 AM	16	0	0	16	5:00 PM	126	0	0	126
5:15 AM	24	0	0	24	5:15 PM	121	0	0	121
5:30 AM	28	0	0	28	5:30 PM	118	0	0	118
5:45 AM	35	0	0	35	5:45 PM	107	0	1	108
6:00 AM	39	0	0	39	6:00 PM	88	0	0	88
6:15 AM	51	0	0	51	6:15 PM	100	0	1	101
6:30 AM	80	0	0	80	6:30 PM	83	0	0	83
6:45 AM	83	0	0	83	6:45 PM	66	0	0	66
7:00 AM	99	0	0	99	7:00 PM	65	0	0	65
7:15 AM	98	0	1	99	7:15 PM	52	0	0	52
7:30 AM	140	0	0	140	7:30 PM	68	0	0	68
7:45 AM	143	0	0	143	7:45 PM	56	0	0	56
8:00 AM	140	0	0	140	8:00 PM	89	0	0	89
8:15 AM	128	0	2	130	8:15 PM	61	0	0	61
8:30 AM	106	0	0	106	8:30 PM	47	0	0	47
8:45 AM	110	0	1	111	8:45 PM	42	0	0	42
9:00 AM	102	0	0	102	9:00 PM	36	0	0	36
9:15 AM	91	0	1	92	9:15 PM	33	0	1	34
9:30 AM	98	0	1	99	9:30 PM	27	0	0	27
9:45 AM	79	0	0	79	9:45 PM	26	0	0	26
10:00 AM	71	0	1	72	10:00 PM	16	0	0	16
10:15 AM	76	0	0	76	10:15 PM	15	0	0	15
10:30 AM	83	0	3	86	10:30 PM	20	0	0	20
10:45 AM	84	0	0	84	10:45 PM	20	0	0	20
11:00 AM	68	0	1	69	11:00 PM	10	0	0	10
11:15 AM	68	0	0	68	11:15 PM	7	0	0	7
11:30 AM	88	0	1	89	11:30 PM	8	0	0	8
11:45 AM	91	0	0	91	11:45 PM	7	0	0	7
AM Total	2401	0	12	2413	PM Total	3698	0	13	3711
Percentage	99.50%	0.00%	0.50%		Percentage	99.65%	0.00%	0.35%	
AM Peak	7:30 AM	12:00 AM	9:45 AM	7:30 AM	PM Peak	2:30 PM	12:00 PM	2:15 PM	2:30 PM
Volume	551	0	4	553	Volume	618	0	5	622
					Day Total	6099	0	25	6124
					Percentage	99.59%	0.00%	0.41%	



PRECISION
DATA
INDUSTRIES, LLC

157 Washington Street, Suite 2
Hudson, MA 01749
508-875-0100 datarequests@pdillc.com

Direction: NB

[illegible]



PRECISION
DATA
INDUSTRIES, LLC

157 Washington Street, Suite 2
Hudson, MA 01749
508-875-0100 datarequests@pdillc.com

PDI File # 250559 ATR-A

Direction: SB

Weekly Report

[illegible]

Dover Road (Route 108)
north of Stone Quarry Drive

City, State: Durham, NH

Client: GPI/ C. Donaldson

Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date

Wednesday, April 23, 2025

Speed (60-minute)

NB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	2	1	4	8	4	2	1	0	0	0	0	22	42.9	36.5
1:00 AM	0	0	0	1	0	3	5	1	0	0	0	0	0	10	42.7	38.6
2:00 AM	0	0	0	0	2	0	1	1	1	0	0	0	0	5	48.8	41.6
3:00 AM	0	0	0	0	1	4	1	0	0	0	0	0	0	6	39.5	37.0
4:00 AM	0	0	0	0	2	4	3	2	0	0	0	0	0	11	45.0	39.8
5:00 AM	2	0	0	1	6	14	30	8	1	0	0	0	0	62	44.0	39.4
6:00 AM	2	4	1	8	23	65	85	29	3	3	0	0	0	223	45.0	38.9
7:00 AM	17	14	7	33	85	121	75	18	2	0	0	0	0	372	41.0	34.3
8:00 AM	23	20	16	35	90	126	59	15	2	1	0	0	0	387	41.0	33.1
9:00 AM	7	6	9	19	56	121	70	11	4	0	0	0	0	303	42.0	35.8
10:00 AM	7	6	7	29	55	106	60	12	2	0	0	0	0	284	41.0	35.2
11:00 AM	7	8	7	23	70	118	70	7	0	0	0	0	0	310	41.0	35.1
12:00 PM	8	5	13	37	85	111	54	20	1	0	0	0	0	334	41.0	34.6
1:00 PM	4	7	1	34	73	141	70	20	1	0	0	0	0	351	41.0	35.9
2:00 PM	10	11	17	30	93	132	86	13	2	0	0	0	0	394	41.0	34.9
3:00 PM	13	13	15	39	116	182	71	8	0	1	0	0	0	458	40.0	34.2
4:00 PM	8	12	11	43	144	170	83	11	0	0	0	0	0	482	40.0	34.4
5:00 PM	13	11	20	48	120	199	92	11	1	0	0	0	0	515	40.0	34.4
6:00 PM	11	7	2	23	90	154	88	22	0	1	0	0	0	398	42.0	35.9
7:00 PM	1	3	5	13	58	90	45	11	1	0	0	0	0	227	41.0	36.1
8:00 PM	0	2	5	17	41	93	37	6	1	0	0	0	0	202	40.9	35.8
9:00 PM	0	2	0	11	29	68	32	6	0	0	0	0	0	148	42.0	36.7
10:00 PM	0	0	2	7	21	42	22	3	0	0	0	0	0	97	41.0	36.2
11:00 PM	0	0	3	7	7	22	11	4	1	0	0	0	0	55	43.9	36.4
Total	133	131	143	459	1271	2094	1154	241	24	6	0	0	0	5656	41.0	35.2
Percent	2.35%	2.32%	2.53%	8.12%	22.47%	37.02%	20.40%	4.26%	0.42%	0.11%	0.00%	0.00%	0.00%			

AM Peak	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	6:00 AM	6:00 AM	9:00 AM	6:00 AM				8:00 AM
Volume	23	20	16	35	90	126	85	29	4	3	0	0	0	387

PM Peak	3:00 PM	3:00 PM	5:00 PM	5:00 PM	4:00 PM	5:00 PM	5:00 PM	6:00 PM	2:00 PM	3:00 PM				5:00 PM
Volume	13	13	20	48	144	199	92	22	2	1	0	0	0	515

15th Percentile:	29.0 MPH	Average Speed:	35.2 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	36.0 MPH	10 MPH Pace:	32 to 41 MPH	Number of Vehicles > 35 MPH:	3166
85th Percentile:	41.0 MPH	Number in Pace:	3688	Percent of Vehicles > 35 MPH:	56.0%
95th Percentile:	44.0 MPH	Percent in Pace:	65.2%		

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date
Wednesday, April 23, 2025

Speed (60-minute)

SB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	2	6	10	4	0	0	0	0	0	22	44.9	40.4
1:00 AM	0	0	0	0	0	2	8	0	0	0	0	0	0	10	43.3	41.1
2:00 AM	0	0	0	0	1	3	2	0	0	0	0	0	0	6	41.5	37.5
3:00 AM	0	0	0	0	0	2	6	0	0	0	0	0	0	8	42.9	40.8
4:00 AM	0	0	0	0	6	14	15	3	1	0	0	0	0	39	43.3	39.4
5:00 AM	0	0	0	1	15	38	49	10	0	0	0	0	0	113	44.0	39.4
6:00 AM	0	0	0	11	23	55	106	32	8	0	0	0	0	235	45.0	40.1
7:00 AM	0	0	3	19	62	172	127	25	3	2	0	0	0	413	43.0	38.1
8:00 AM	0	0	5	27	94	175	171	24	2	0	0	0	0	498	43.0	37.6
9:00 AM	2	0	4	24	36	123	124	27	0	0	0	0	0	340	43.0	38.1
10:00 AM	0	0	2	11	54	131	101	22	2	0	0	0	0	323	43.0	38.1
11:00 AM	0	0	2	12	54	150	111	16	1	0	0	0	0	346	42.0	37.9
12:00 PM	1	0	3	17	53	136	106	24	2	0	0	0	0	342	43.0	37.7
1:00 PM	0	0	1	15	44	120	101	26	2	0	0	0	0	309	42.0	38.2
2:00 PM	0	1	2	24	53	148	123	26	1	0	0	0	0	378	43.0	38.0
3:00 PM	8	6	19	51	115	162	89	12	0	0	0	0	0	462	41.0	34.6
4:00 PM	2	2	2	25	74	164	140	20	0	0	0	0	0	429	42.0	37.2
5:00 PM	0	1	2	19	90	177	113	20	1	0	0	0	0	423	42.0	37.3
6:00 PM	2	1	1	12	50	135	96	21	0	0	0	0	0	318	42.0	37.8
7:00 PM	0	0	0	5	22	96	95	11	4	0	0	0	0	233	43.0	39.1
8:00 PM	0	0	0	19	62	73	60	7	1	0	0	0	0	222	42.0	36.4
9:00 PM	0	0	1	1	9	60	33	7	1	0	0	0	0	112	43.0	38.7
10:00 PM	0	1	1	1	7	25	25	5	0	0	0	0	0	65	43.0	38.4
11:00 PM	0	0	0	0	6	13	13	4	1	0	0	0	0	37	44.0	39.6
Total	15	12	48	294	932	2180	1824	346	30	2	0	0	0	5683	43.0	37.7
Percent	0.26%	0.21%	0.84%	5.17%	16.40%	38.36%	32.10%	6.09%	0.53%	0.04%	0.00%	0.00%	0.00%			

AM Peak	9:00 AM		8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	6:00 AM	6:00 AM	7:00 AM				8:00 AM
Volume	2	0	5	27	94	175	171	32	8	2	0	0	0	498

PM Peak	3:00 PM	3:00 PM	3:00 PM	3:00 PM	3:00 PM	5:00 PM	4:00 PM	1:00 PM	7:00 PM					3:00 PM
Volume	8	6	19	51	115	177	140	26	4	0	0	0	0	462

15th Percentile:	33.0 MPH	Average Speed:	37.7 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	38.0 MPH	10 MPH Pace:	34 to 43 MPH	Number of Vehicles > 35 MPH:	4046
85th Percentile:	43.0 MPH	Number in Pace:	4023	Percent of Vehicles > 35 MPH:	71.2%
95th Percentile:	45.0 MPH	Percent in Pace:	70.8%		

Dover Road (Route 108)
north of Stone Quarry Drive

City, State: Durham, NH

Client: GPI/ C. Donaldson

Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date

Wednesday, April 23, 2025

Speed (60-minute)

Combined NB and SB

Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	2	1	6	14	14	6	1	0	0	0	0	44	44.6	38.4
1:00 AM	0	0	0	1	0	5	13	1	0	0	0	0	0	20	43.2	39.9
2:00 AM	0	0	0	0	3	3	3	1	1	0	0	0	0	11	44.5	39.4
3:00 AM	0	0	0	0	1	6	7	0	0	0	0	0	0	14	41.1	39.1
4:00 AM	0	0	0	0	8	18	18	5	1	0	0	0	0	50	43.7	39.5
5:00 AM	2	0	0	2	21	52	79	18	1	0	0	0	0	175	44.0	39.4
6:00 AM	2	4	1	19	46	120	191	61	11	3	0	0	0	458	45.0	39.5
7:00 AM	17	14	10	52	147	293	202	43	5	2	0	0	0	785	42.0	36.3
8:00 AM	23	20	21	62	184	301	230	39	4	1	0	0	0	885	42.0	35.6
9:00 AM	9	6	13	43	92	244	194	38	4	0	0	0	0	643	43.0	37.0
10:00 AM	7	6	9	40	109	237	161	34	4	0	0	0	0	607	42.0	36.8
11:00 AM	7	8	9	35	124	268	181	23	1	0	0	0	0	656	42.0	36.6
12:00 PM	9	5	16	54	138	247	160	44	3	0	0	0	0	676	42.0	36.2
1:00 PM	4	7	2	49	117	261	171	46	3	0	0	0	0	660	42.0	37.0
2:00 PM	10	12	19	54	146	280	209	39	3	0	0	0	0	772	42.0	36.4
3:00 PM	21	19	34	90	231	344	160	20	0	1	0	0	0	920	40.0	34.4
4:00 PM	10	14	13	68	218	334	223	31	0	0	0	0	0	911	41.0	35.7
5:00 PM	13	12	22	67	210	376	205	31	2	0	0	0	0	938	41.0	35.7
6:00 PM	13	8	3	35	140	289	184	43	0	1	0	0	0	716	42.0	36.7
7:00 PM	1	3	5	18	80	186	140	22	5	0	0	0	0	460	43.0	37.7
8:00 PM	0	2	5	36	103	166	97	13	2	0	0	0	0	424	41.0	36.1
9:00 PM	0	2	1	12	38	128	65	13	1	0	0	0	0	260	42.0	37.6
10:00 PM	0	1	3	8	28	67	47	8	0	0	0	0	0	162	42.0	37.1
11:00 PM	0	0	3	7	13	35	24	8	2	0	0	0	0	92	44.0	37.7
Total	148	143	191	753	2203	4274	2978	587	54	8	0	0	0	11339	42.0	36.5
Percent	1.31%	1.26%	1.68%	6.64%	19.43%	37.69%	26.26%	5.18%	0.48%	0.07%	0.00%	0.00%	0.00%			

AM Peak	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	8:00 AM	6:00 AM	6:00 AM	6:00 AM				8:00 AM
Volume	23	20	21	62	184	301	230	61	11	3	0	0	0	885

PM Peak	3:00 PM	3:00 PM	3:00 PM	3:00 PM	3:00 PM	5:00 PM	4:00 PM	1:00 PM	7:00 PM	3:00 PM				5:00 PM
Volume	21	19	34	90	231	376	223	46	5	1	0	0	0	938

15th Percentile:	31.0 MPH	Average Speed:	36.5 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	37.0 MPH	10 MPH Pace:	33 to 42 MPH	Number of Vehicles > 35 MPH:	7212
85th Percentile:	42.0 MPH	Number in Pace:	7598	Percent of Vehicles > 35 MPH:	63.6%
95th Percentile:	45.0 MPH	Percent in Pace:	67.0%		

Dover Road (Route 108)
north of Stone Quarry Drive

City, State: Durham, NH

Client: GPI/ C. Donaldson

Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date

Thursday, April 24, 2025

Speed (60-minute)

NB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	1	2	9	20	8	4	1	0	0	0	0	45	43.0	37.6
1:00 AM	0	0	0	1	4	11	4	1	0	1	0	0	0	22	41.0	37.7
2:00 AM	0	0	0	0	1	2	3	1	0	0	0	0	0	7	44.2	40.4
3:00 AM	0	0	0	0	1	2	1	1	0	0	0	0	0	5	43.0	39.0
4:00 AM	0	0	0	1	1	6	3	2	0	1	0	0	0	14	47.0	40.4
5:00 AM	0	1	1	3	14	23	21	4	0	0	0	0	0	67	43.0	37.3
6:00 AM	2	2	1	6	32	66	75	37	4	0	0	0	0	225	45.0	39.2
7:00 AM	14	19	9	31	84	116	84	21	0	0	0	0	0	378	41.0	34.4
8:00 AM	12	17	16	27	81	114	72	17	0	0	0	0	1	357	41.0	34.2
9:00 AM	0	4	10	17	47	93	86	15	0	0	0	0	0	272	43.0	36.9
10:00 AM	12	10	9	16	75	112	61	13	1	0	0	0	0	309	41.0	34.7
11:00 AM	6	7	5	14	45	105	87	21	2	1	0	0	0	293	43.0	36.7
12:00 PM	9	12	5	27	88	119	76	20	1	0	0	0	0	357	42.0	35.1
1:00 PM	4	5	10	26	59	153	86	9	1	0	0	0	0	353	41.0	35.9
2:00 PM	13	6	5	39	90	126	103	15	1	0	0	0	0	398	42.0	35.1
3:00 PM	9	10	16	29	109	192	107	10	2	0	0	0	0	484	41.0	35.1
4:00 PM	23	8	16	52	190	219	69	16	0	0	0	0	0	593	39.0	33.7
5:00 PM	10	12	13	45	136	220	85	10	2	0	0	0	0	533	40.0	34.7
6:00 PM	6	9	8	24	92	135	69	18	2	0	0	0	0	363	41.0	35.4
7:00 PM	1	2	4	18	57	111	81	7	1	1	1	0	0	284	41.0	36.8
8:00 PM	3	6	4	25	50	73	23	4	0	0	0	0	0	188	39.0	33.8
9:00 PM	0	0	4	10	38	63	27	4	2	1	0	0	0	149	40.0	36.1
10:00 PM	0	0	0	8	42	56	18	4	0	0	0	0	0	128	40.0	35.9
11:00 PM	0	0	2	5	8	24	13	3	1	0	0	0	0	56	42.8	36.8
Total	124	130	139	426	1353	2161	1262	257	21	5	1	0	1	5880	41.0	35.4
Percent	2.11%	2.21%	2.36%	7.24%	23.01%	36.75%	21.46%	4.37%	0.36%	0.09%	0.02%	0.00%	0.02%			

AM Peak	7:00 AM	7:00 AM	8:00 AM	7:00 AM	7:00 AM	7:00 AM	11:00 AM	6:00 AM	6:00 AM	1:00 AM				8:00 AM	7:00 AM
Volume	14	19	16	31	84	116	87	37	4	1	0	0		1	378

PM Peak	4:00 PM	12:00 PM	3:00 PM	4:00 PM	4:00 PM	5:00 PM	3:00 PM	12:00 PM	3:00 PM	7:00 PM	7:00 PM				4:00 PM
Volume	23	12	16	52	190	220	107	20	2	1	1	0	0		593

15th Percentile:	30.0 MPH	Average Speed:	35.4 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	36.0 MPH	10 MPH Pace:	32 to 41 MPH	Number of Vehicles > 35 MPH:	3300
85th Percentile:	41.0 MPH	Number in Pace:	3860	Percent of Vehicles > 35 MPH:	56.1%
95th Percentile:	44.0 MPH	Percent in Pace:	65.6%		

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH

Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date
Thursday, April 24, 2025

Speed (60-minute)

SB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	2	7	5	1	1	0	0	0	0	16	43.8	39.2
1:00 AM	0	0	0	1	1	5	7	1	0	0	0	0	0	15	42.9	39.1
2:00 AM	0	0	0	0	3	2	2	2	2	0	0	0	0	11	49.5	41.1
3:00 AM	0	0	0	0	1	2	2	1	2	0	0	0	0	8	49.8	42.6
4:00 AM	0	0	0	0	6	11	12	4	0	0	0	0	0	33	43.2	39.5
5:00 AM	0	0	0	1	14	33	36	16	3	1	0	0	0	104	45.0	40.0
6:00 AM	0	0	1	8	25	86	106	27	2	1	0	0	0	256	44.0	39.4
7:00 AM	0	2	4	39	66	162	159	24	1	0	0	0	0	457	43.0	37.5
8:00 AM	1	0	3	27	97	173	133	18	0	0	0	0	0	452	42.0	37.1
9:00 AM	1	2	4	10	47	143	152	8	1	0	0	0	0	368	42.0	38.1
10:00 AM	1	0	1	18	59	124	89	14	3	0	0	0	0	309	42.0	37.3
11:00 AM	1	0	2	12	53	122	102	16	0	0	0	0	0	308	42.0	37.7
12:00 PM	1	2	3	16	66	164	100	21	0	1	1	0	0	375	42.0	37.4
1:00 PM	2	0	4	9	46	153	96	24	2	0	0	0	0	336	42.0	37.8
2:00 PM	2	2	8	41	126	156	109	17	0	0	0	0	0	461	41.0	35.8
3:00 PM	2	15	29	35	96	136	92	12	1	0	0	0	0	418	41.0	34.5
4:00 PM	0	0	6	36	95	170	133	21	0	0	0	0	0	461	42.0	36.8
5:00 PM	2	2	6	19	71	179	149	19	0	0	0	0	0	447	42.0	37.4
6:00 PM	0	0	1	11	52	138	109	20	2	0	0	0	0	333	43.0	38.1
7:00 PM	0	0	0	7	43	96	80	12	1	0	0	0	0	239	42.0	38.0
8:00 PM	0	0	3	18	52	107	44	2	1	0	0	0	0	227	40.0	36.0
9:00 PM	0	0	0	2	14	64	33	5	0	0	0	0	0	118	42.0	38.0
10:00 PM	0	0	1	3	8	34	22	5	0	0	0	0	0	73	42.0	38.1
11:00 PM	0	0	0	0	5	18	5	2	0	0	0	0	0	30	40.7	37.3
Total	13	25	76	313	1048	2285	1777	292	22	3	1	0	0	5855	42.0	37.3
Percent	0.22%	0.43%	1.30%	5.35%	17.90%	39.03%	30.35%	4.99%	0.38%	0.05%	0.02%	0.00%	0.00%			

AM Peak	8:00 AM	7:00 AM	7:00 AM	7:00 AM	8:00 AM	8:00 AM	7:00 AM	6:00 AM	5:00 AM	5:00 AM				7:00 AM
Volume	1	2	4	39	97	173	159	27	3	1	0	0	0	457

PM Peak	1:00 PM	3:00 PM	3:00 PM	2:00 PM	2:00 PM	5:00 PM	5:00 PM	1:00 PM	1:00 PM	12:00 PM	12:00 PM			2:00 PM
Volume	2	15	29	41	126	179	149	24	2	1	1	0	0	461

15th Percentile:	32.0 MPH	Average Speed:	37.3 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	38.0 MPH	10 MPH Pace:	34 to 43 MPH	Number of Vehicles > 35 MPH:	4046
85th Percentile:	42.0 MPH	Number in Pace:	4141	Percent of Vehicles > 35 MPH:	69.1%
95th Percentile:	45.0 MPH	Percent in Pace:	70.7%		

Dover Road (Route 108)
north of Stone Quarry Drive
City, State: Durham, NH

Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-A (Speed)

Count Date
Thursday, April 24, 2025

Speed (60-minute)																
Combined NB and SB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	1	2	11	27	13	5	2	0	0	0	0	61	43.0	38.0
1:00 AM	0	0	0	2	5	16	11	2	0	1	0	0	0	37	42.0	38.3
2:00 AM	0	0	0	0	4	4	5	3	2	0	0	0	0	18	47.4	40.8
3:00 AM	0	0	0	0	2	4	3	2	2	0	0	0	0	13	46.8	41.2
4:00 AM	0	0	0	1	7	17	15	6	0	1	0	0	0	47	44.1	39.8
5:00 AM	0	1	1	4	28	56	57	20	3	1	0	0	0	171	44.0	39.0
6:00 AM	2	2	2	14	57	152	181	64	6	1	0	0	0	481	44.0	39.3
7:00 AM	14	21	13	70	150	278	243	45	1	0	0	0	0	835	42.0	36.1
8:00 AM	13	17	19	54	178	287	205	35	0	0	0	0	1	809	41.0	35.8
9:00 AM	1	6	14	27	94	236	238	23	1	0	0	0	0	640	42.0	37.6
10:00 AM	13	10	10	34	134	236	150	27	4	0	0	0	0	618	41.4	36.0
11:00 AM	7	7	7	26	98	227	189	37	2	1	0	0	0	601	43.0	37.2
12:00 PM	10	14	8	43	154	283	176	41	1	1	1	0	0	732	42.0	36.3
1:00 PM	6	5	14	35	105	306	182	33	3	0	0	0	0	689	42.0	36.8
2:00 PM	15	8	13	80	216	282	212	32	1	0	0	0	0	859	41.0	35.5
3:00 PM	11	25	45	64	205	328	199	22	3	0	0	0	0	902	41.0	34.8
4:00 PM	23	8	22	88	285	389	202	37	0	0	0	0	0	1054	41.0	35.1
5:00 PM	12	14	19	64	207	399	234	29	2	0	0	0	0	980	41.0	36.0
6:00 PM	6	9	9	35	144	273	178	38	4	0	0	0	0	696	42.0	36.7
7:00 PM	1	2	4	25	100	207	161	19	2	1	1	0	0	523	42.0	37.4
8:00 PM	3	6	7	43	102	180	67	6	1	0	0	0	0	415	40.0	35.0
9:00 PM	0	0	4	12	52	127	60	9	2	1	0	0	0	267	41.0	36.9
10:00 PM	0	0	1	11	50	90	40	9	0	0	0	0	0	201	41.0	36.7
11:00 PM	0	0	2	5	13	42	18	5	1	0	0	0	0	86	41.3	36.9
Total	137	155	215	739	2401	4446	3039	549	43	8	2	0	1	11735	42.0	36.3
Percent	1.17%	1.32%	1.83%	6.30%	20.46%	37.89%	25.90%	4.68%	0.37%	0.07%	0.02%	0.00%	0.01%			

AM Peak	7:00 AM	7:00 AM	8:00 AM	7:00 AM	8:00 AM	8:00 AM	7:00 AM	6:00 AM	6:00 AM	1:00 AM				8:00 AM	7:00 AM
Volume	14	21	19	70	178	287	243	64	6	1	0	0	1	835	
PM Peak	4:00 PM	3:00 PM	3:00 PM	4:00 PM	4:00 PM	5:00 PM	5:00 PM	12:00 PM	6:00 PM	12:00 PM	12:00 PM				4:00 PM
Volume	23	25	45	88	285	399	234	41	4	1	1	0	0	1054	

15th Percentile:	31.0 MPH	Average Speed:	36.3 MPH	Posted Speed Limit:	35 MPH
50th Percentile:	37.0 MPH	10 MPH Pace:	33 to 42 MPH	Number of Vehicles > 35 MPH:	7346
85th Percentile:	42.0 MPH	Number in Pace:	7917	Percent of Vehicles > 35 MPH:	62.6%
95th Percentile:	45.0 MPH	Percent in Pace:	67.5%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



Count Date: Wednesday, April 23, 2025
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	4	0	0	4
12:15 AM	0	0	0	0	12:15 PM	6	0	0	6
12:30 AM	0	0	0	0	12:30 PM	8	0	0	8
12:45 AM	0	0	0	0	12:45 PM	9	0	0	9
1:00 AM	0	0	0	0	1:00 PM	7	0	0	7
1:15 AM	0	0	0	0	1:15 PM	5	0	0	5
1:30 AM	0	0	0	0	1:30 PM	5	0	0	5
1:45 AM	0	0	0	0	1:45 PM	4	0	0	4
2:00 AM	1	0	0	1	2:00 PM	4	0	0	4
2:15 AM	1	0	0	1	2:15 PM	7	0	0	7
2:30 AM	0	0	0	0	2:30 PM	6	0	0	6
2:45 AM	0	0	0	0	2:45 PM	7	0	1	8
3:00 AM	0	0	0	0	3:00 PM	7	0	0	7
3:15 AM	0	0	0	0	3:15 PM	4	0	0	4
3:30 AM	0	0	0	0	3:30 PM	7	0	0	7
3:45 AM	0	0	0	0	3:45 PM	7	0	0	7
4:00 AM	0	0	0	0	4:00 PM	8	0	0	8
4:15 AM	0	0	0	0	4:15 PM	11	0	0	11
4:30 AM	0	0	0	0	4:30 PM	3	0	0	3
4:45 AM	0	0	0	0	4:45 PM	2	0	0	2
5:00 AM	0	0	0	0	5:00 PM	1	0	0	1
5:15 AM	1	0	0	1	5:15 PM	3	0	0	3
5:30 AM	0	0	0	0	5:30 PM	4	0	0	4
5:45 AM	3	0	0	3	5:45 PM	0	0	0	0
6:00 AM	3	0	0	3	6:00 PM	0	0	0	0
6:15 AM	6	0	0	6	6:15 PM	1	0	0	1
6:30 AM	13	0	0	13	6:30 PM	0	0	0	0
6:45 AM	14	0	0	14	6:45 PM	2	0	0	2
7:00 AM	4	0	0	4	7:00 PM	1	0	0	1
7:15 AM	3	0	0	3	7:15 PM	1	0	0	1
7:30 AM	5	0	0	5	7:30 PM	0	0	0	0
7:45 AM	8	0	0	8	7:45 PM	1	0	0	1
8:00 AM	6	0	0	6	8:00 PM	0	0	0	0
8:15 AM	10	0	0	10	8:15 PM	0	0	0	0
8:30 AM	4	0	0	4	8:30 PM	0	0	0	0
8:45 AM	5	0	0	5	8:45 PM	1	0	0	1
9:00 AM	7	0	0	7	9:00 PM	1	0	0	1
9:15 AM	2	0	1	3	9:15 PM	0	0	0	0
9:30 AM	3	0	0	3	9:30 PM	0	0	0	0
9:45 AM	1	0	0	1	9:45 PM	0	0	0	0
10:00 AM	3	0	0	3	10:00 PM	0	0	0	0
10:15 AM	5	0	0	5	10:15 PM	0	0	0	0
10:30 AM	1	0	0	1	10:30 PM	3	0	0	3
10:45 AM	11	0	0	11	10:45 PM	2	0	0	2
11:00 AM	7	0	0	7	11:00 PM	0	0	0	0
11:15 AM	4	0	0	4	11:15 PM	0	0	0	0
11:30 AM	2	0	0	2	11:30 PM	0	0	0	0
11:45 AM	8	0	0	8	11:45 PM	1	0	0	1
AM Total	141	0	1	142	PM Total	143	0	1	144
Percentage	99.30%	0.00%	0.70%		Percentage	99.31%	0.00%	0.69%	
AM Peak	6:15 AM	12:00 AM	8:30 AM	6:15 AM	PM Peak	3:30 PM	12:00 PM	2:00 PM	3:30 PM
Volume	37	0	1	37	Volume	33	0	1	33
					Day Total	284	0	2	286
					Percentage	99.30%	0.00%	0.70%	

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File # 250559 ATR-B

Count Date: Thursday, April 24, 2025
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	2	0	0	2
12:15 AM	0	0	0	0	12:15 PM	6	0	0	6
12:30 AM	0	0	0	0	12:30 PM	2	0	0	2
12:45 AM	0	0	0	0	12:45 PM	6	0	0	6
1:00 AM	0	0	0	0	1:00 PM	5	0	0	5
1:15 AM	0	0	0	0	1:15 PM	2	0	0	2
1:30 AM	0	0	0	0	1:30 PM	2	0	0	2
1:45 AM	0	0	0	0	1:45 PM	6	0	0	6
2:00 AM	1	0	0	1	2:00 PM	5	0	0	5
2:15 AM	0	0	0	0	2:15 PM	5	0	0	5
2:30 AM	0	0	0	0	2:30 PM	12	0	0	12
2:45 AM	0	0	0	0	2:45 PM	11	0	0	11
3:00 AM	0	0	0	0	3:00 PM	7	0	0	7
3:15 AM	0	0	0	0	3:15 PM	4	0	0	4
3:30 AM	0	0	0	0	3:30 PM	2	0	0	2
3:45 AM	0	0	0	0	3:45 PM	5	0	0	5
4:00 AM	0	0	1	1	4:00 PM	7	0	0	7
4:15 AM	0	0	0	0	4:15 PM	7	0	0	7
4:30 AM	0	0	0	0	4:30 PM	4	0	0	4
4:45 AM	0	0	0	0	4:45 PM	2	0	0	2
5:00 AM	0	0	0	0	5:00 PM	0	0	0	0
5:15 AM	0	0	0	0	5:15 PM	2	0	0	2
5:30 AM	0	0	0	0	5:30 PM	1	0	0	1
5:45 AM	4	0	0	4	5:45 PM	1	0	0	1
6:00 AM	3	0	0	3	6:00 PM	2	0	0	2
6:15 AM	7	0	0	7	6:15 PM	1	0	0	1
6:30 AM	16	0	0	16	6:30 PM	1	0	0	1
6:45 AM	11	0	0	11	6:45 PM	3	0	0	3
7:00 AM	5	0	0	5	7:00 PM	1	0	0	1
7:15 AM	1	0	0	1	7:15 PM	0	0	0	0
7:30 AM	6	0	0	6	7:30 PM	0	0	0	0
7:45 AM	8	0	0	8	7:45 PM	0	0	0	0
8:00 AM	3	0	0	3	8:00 PM	0	0	0	0
8:15 AM	5	0	0	5	8:15 PM	1	0	0	1
8:30 AM	7	0	0	7	8:30 PM	1	0	0	1
8:45 AM	11	0	0	11	8:45 PM	0	0	0	0
9:00 AM	1	0	0	1	9:00 PM	0	0	0	0
9:15 AM	2	0	0	2	9:15 PM	0	0	0	0
9:30 AM	5	0	0	5	9:30 PM	2	0	0	2
9:45 AM	4	0	0	4	9:45 PM	0	0	0	0
10:00 AM	5	0	0	5	10:00 PM	0	0	0	0
10:15 AM	5	0	0	5	10:15 PM	0	0	0	0
10:30 AM	4	0	0	4	10:30 PM	1	0	0	1
10:45 AM	6	0	0	6	10:45 PM	2	0	0	2
11:00 AM	5	0	0	5	11:00 PM	0	0	0	0
11:15 AM	5	0	0	5	11:15 PM	0	0	0	0
11:30 AM	7	0	0	7	11:30 PM	1	0	0	1
11:45 AM	4	0	0	4	11:45 PM	0	0	0	0
AM Total	141	0	1	142	PM Total	122	0	0	122
Percentage	99.30%	0.00%	0.70%		Percentage	100.00%	0.00%	0.00%	
AM Peak	6:15 AM	12:00 AM	3:15 AM	6:15 AM	PM Peak	2:15 PM	12:00 PM	12:00 PM	2:15 PM
Volume	39	0	1	39	Volume	35	0	0	35
					Day Total	263	0	1	264
					Percentage	99.62%	0.00%	0.38%	

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File # 250559 ATR-B

Count Date: Wednesday, April 23, 2025
Direction: WB

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

AM Total	78	0	2	80
Percentage	97.50%	0.00%	2.50%	
AM Peak	9:30 AM	12:00 AM	10:15 AM	9:30 AM
Volume	18	0	2	19

PM	Cars	Single Unit Heavy	Multi Unit Heavy	Total
12:00 PM	6	0	0	6
12:15 PM	8	0	0	8
12:30 PM	6	0	0	6
12:45 PM	3	0	0	3
1:00 PM	8	0	0	8
1:15 PM	7	0	0	7
1:30 PM	2	0	0	2
1:45 PM	7	0	0	7
2:00 PM	4	0	0	4
2:15 PM	2	0	1	3
2:30 PM	10	0	0	10
2:45 PM	1	0	0	1
3:00 PM	18	0	1	19
3:15 PM	9	0	0	9
3:30 PM	19	0	0	19
3:45 PM	7	0	0	7
4:00 PM	11	0	0	11
4:15 PM	5	0	0	5
4:30 PM	5	0	0	5
4:45 PM	8	0	0	8
5:00 PM	9	0	0	9
5:15 PM	1	0	0	1
5:30 PM	0	0	0	0
5:45 PM	1	0	0	1
6:00 PM	2	0	0	2
6:15 PM	1	0	0	1
6:30 PM	0	0	0	0
6:45 PM	4	0	0	4
7:00 PM	6	0	0	6
7:15 PM	5	0	0	5
7:30 PM	8	0	0	8
7:45 PM	2	0	0	2
8:00 PM	0	0	0	0
8:15 PM	1	0	0	1
8:30 PM	0	0	0	0
8:45 PM	0	0	0	0
9:00 PM	2	0	0	2
9:15 PM	0	0	0	0
9:30 PM	0	0	0	0
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	4	0	0	4
11:15 PM	5	0	0	5
11:30 PM	1	0	0	1
11:45 PM	1	0	0	1

PM Total	201	0	2	203
Percentage	99.01%	0.00%	0.99%	
PM Peak	3:00 PM	12:00 PM	2:15 PM	3:00 PM
Volume	53	0	2	54

Day Total	279	0	4	283
Percentage	98.59%	0.00%	1.41%	

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File # 250559 ATR-B

Count Date: Thursday, April 24, 2025
Direction: WB

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

AM Total	79	0	3	82
Percentage	96.34%	0.00%	3.66%	
AM Peak	10:15 AM	12:00 AM	8:00 AM	10:00 AM
Volume	19	0	1	19

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

PM Total	180	0	0	180
Percentage	100.00%	0.00%	0.00%	
PM Peak	2:45 PM	12:00 PM	12:00 PM	2:45 PM
Volume	44	0	0	44

Day Total	259	0	3	262
Percentage	98.85%	0.00%	1.15%	



PRECISION
DATA
INDUSTRIES, LLC

157 Washington Street, Suite 2
Hudson, MA 01749
508-875-0100 datarequests@pdillc.com

Direction: EB

Day Date	Wednesday 04/23/25		Thursday 04/24/25												Week Ave	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
12:00	0	4	0	2	0	0	0	0	0	0	0	0	0	0	0	3
12:15	0	6	0	6	0	0	0	0	0	0	0	0	0	0	0	6
12:30	0	8	0	2	0	0	0	0	0	0	0	0	0	0	0	5
12:45	0	9	0	6	0	0	0	0	0	0	0	0	0	0	0	8
1:00	0	7	0	5	0	0	0	0	0	0	0	0	0	0	0	6
1:15	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0	4
1:30	0	5	0	2	0	0	0	0	0	0	0	0	0	0	0	4
1:45	0	4	0	6	0	0	0	0	0	0	0	0	0	0	0	5
2:00	1	4	1	5	0	0	0	0	0	0	0	0	0	0	1	5
2:15	1	7	0	5	0	0	0	0	0	0	0	0	0	0	1	6
2:30	0	6	0	12	0	0	0	0	0	0	0	0	0	0	0	9
2:45	0	8	0	11	0	0	0	0	0	0	0	0	0	0	0	10
3:00	0	7	0	7	0	0	0	0	0	0	0	0	0	0	0	7
3:15	0	4	0	4	0	0	0	0	0	0	0	0	0	0	0	4
3:30	0	7	0	2	0	0	0	0	0	0	0	0	0	0	0	5
3:45	0	7	0	5	0	0	0	0	0	0	0	0	0	0	0	6
4:00	0	8	1	7	0	0	0	0	0	0	0	0	0	0	1	8
4:15	0	11	0	7	0	0	0	0	0	0	0	0	0	0	0	9
4:30	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	4
4:45	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2
5:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15	1	3	0	2	0	0	0	0	0	0	0	0	0	0	1	3
5:30	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	3
5:45	3	0	4	1	0	0	0	0	0	0	0	0	0	0	4	1
6:00	3	0	3	2	0	0	0	0	0	0	0	0	0	0	3	1
6:15	6	1	7	1	0	0	0	0	0	0	0	0	0	0	7	1
6:30	13	0	16	1	0	0	0	0	0	0	0	0	0	0	15	1
6:45	14	2	11	3	0	0	0	0	0	0	0	0	0	0	13	3
7:00	4	1	5	1	0	0	0	0	0	0	0	0	0	0	5	1
7:15	3	1	1	0	0	0	0	0	0	0	0	0	0	0	2	1
7:30	5	0	6	0	0	0	0	0	0	0	0	0	0	0	6	0
7:45	8	1	8	0	0	0	0	0	0	0	0	0	0	0	8	1
8:00	6	0	3	0	0	0	0	0	0	0	0	0	0	0	5	0
8:15	10	0	5	1	0	0	0	0	0	0	0	0	0	0	8	1
8:30	4	0	7	1	0	0	0	0	0	0	0	0	0	0	6	1
8:45	5	1	11	0	0	0	0	0								



PRECISION
DATA
INDUSTRIES, LLC

157 Washington Street, Suite 2
Hudson, MA 01749
508-875-0100 datarequests@pdillc.com

Direction: WB

Day Date	Wednesday 04/23/25		Thursday 04/24/25												Week Ave	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
12:00	1	6	1	4	0	0	0	0	0	0	0	0	0	0	1	5
12:15	0	8	0	4	0	0	0	0	0	0	0	0	0	0	0	6
12:30	0	6	1	3	0	0	0	0	0	0	0	0	0	0	1	5
12:45	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	3
1:00	0	8	0	5	0	0	0	0	0	0	0	0	0	0	0	7
1:15	0	7	0	4	0	0	0	0	0	0	0	0	0	0	0	6
1:30	0	2	0	7	0	0	0	0	0	0	0	0	0	0	0	5
1:45	0	7	0	6	0	0	0	0	0	0	0	0	0	0	0	7
2:00	1	4	1	2	0	0	0	0	0	0	0	0	0	0	1	3
2:15	0	3	0	4	0	0	0	0	0	0	0	0	0	0	0	4
2:30	0	10	0	3	0	0	0	0	0	0	0	0	0	0	0	7
2:45	1	1	0	5	0	0	0	0	0	0	0	0	0	0	1	3
3:00	0	19	0	13	0	0	0	0	0	0	0	0	0	0	0	16
3:15	1	9	0	10	0	0	0	0	0	0	0	0	0	0	1	10
3:30	0	19	0	16	0	0	0	0	0	0	0	0	0	0	0	18
3:45	0	7	0	5	0	0	0	0	0	0	0	0	0	0	0	6
4:00	0	11	0	7	0	0	0	0	0	0	0	0	0	0	0	9
4:15	0	5	0	6	0	0	0	0	0	0	0	0	0	0	0	6
4:30	1	5	1	12	0	0	0	0	0	0	0	0	0	0	1	9
4:45	0	8	0	4	0	0	0	0	0	0	0	0	0	0	0	6
5:00	0	9	0	9	0	0	0	0	0	0	0	0	0	0	0	9
5:15	0	1	1	2	0	0	0	0	0	0	0	0	0	0	1	2
5:30	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1
5:45	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00	2	2	0	4	0	0	0	0	0	0	0	0	0	0	1	3
6:15	0	1	2	1	0	0	0	0	0	0	0	0	0	0	1	1
6:30	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
6:45	2	4	4	2	0	0	0	0	0	0	0	0	0	0	3	3
7:00	6	6	7	7	0	0	0	0	0	0	0	0	0	0	7	7
7:15	5	5	2	6	0	0	0	0	0	0	0	0	0	0	4	6
7:30	2	8	4	3	0	0	0	0	0	0	0	0	0	0	3	6
7:45	2	2	2	3	0	0	0	0	0	0	0	0	0	0	2	3
8:00	3	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1
8:15	2	1	1	1	0	0	0	0	0	0	0	0	0	0	2	1
8:30	4	0	3	2	0	0	0	0	0	0	0	0	0	0	4	1
8:45	1	0	6	0	0	0	0	0								

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Wednesday, April 23, 2025

Speed (60-minute)

EB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	24.0	24.0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
5:00 AM	0	0	0	3	0	0	0	0	0	0	0	0	0	3	26.7	26.3
6:00 AM	0	1	11	18	5	0	0	0	0	0	0	0	0	35	29.0	25.9
7:00 AM	0	1	7	9	2	0	0	0	0	0	0	0	0	19	28.0	24.8
8:00 AM	0	1	8	14	2	0	0	0	0	0	0	0	0	25	29.0	26.4
9:00 AM	0	2	6	5	0	0	0	0	0	0	0	0	0	13	27.2	23.8
10:00 AM	0	3	9	7	2	0	0	0	0	0	0	0	0	21	26.0	23.4
11:00 AM	0	4	7	5	3	0	0	0	0	0	0	0	0	19	28.9	23.8
12:00 PM	2	2	15	4	2	0	0	0	0	0	0	0	0	25	26.4	21.6
1:00 PM	0	6	11	3	2	0	0	0	0	0	0	0	0	22	26.7	22.4
2:00 PM	1	2	14	5	0	0	0	0	0	0	0	0	0	22	25.0	22.0
3:00 PM	0	1	8	8	4	0	0	0	0	0	0	0	0	21	30.0	25.8
4:00 PM	0	1	8	14	2	0	0	0	0	0	0	0	0	25	28.0	25.3
5:00 PM	0	1	4	2	1	0	0	0	0	0	0	0	0	8	28.9	24.5
6:00 PM	0	0	1	1	1	0	0	0	0	0	0	0	0	3	30.4	27.7
7:00 PM	0	0	2	0	1	0	0	0	0	0	0	0	0	3	27.6	24.0
8:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	20.0	20.0
9:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0	2	19.7	19.0
10:00 PM	0	1	1	3	0	0	0	0	0	0	0	0	0	5	26.8	23.8
11:00 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26.0	26.0
Total	3	27	115	102	27	0	0	0	0	0	0	0	0	274	28.0	24.2
Percent	1.09%	9.85%	41.97%	37.23%	9.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	11:00 AM	6:00 AM	6:00 AM	6:00 AM										6:00 AM
Volume	0	4	11	18	5	0	0	0	0	0	0	0	0	35

PM Peak	12:00 PM	1:00 PM	12:00 PM	4:00 PM	3:00 PM									12:00 PM
Volume	2	6	15	14	4	0	0	0	0	0	0	0	0	25

15th Percentile:	20.0 MPH	Average Speed:	24.2 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	24.0 MPH	10 MPH Pace:	19 to 28 MPH	Number of Vehicles > 25 MPH:	105
85th Percentile:	28.0 MPH	Number in Pace:	218	Percent of Vehicles > 25 MPH:	38.3%
95th Percentile:	30.4 MPH	Percent in Pace:	79.6%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Wednesday, April 23, 2025

Speed (60-minute)

WB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	25.0	25.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29.6	28.5
3:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	36.0	36.0
4:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33.0	33.0
5:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	27.0	27.0
6:00 AM	0	0	0	3	2	0	0	0	0	0	0	0	0	5	31.0	29.2
7:00 AM	1	1	2	5	6	1	0	0	0	0	0	0	0	16	33.8	28.0
8:00 AM	0	0	1	5	3	2	0	0	0	0	0	0	0	11	34.5	30.5
9:00 AM	1	2	3	7	4	0	0	0	0	0	0	0	0	17	30.0	25.4
10:00 AM	0	1	9	5	3	0	0	0	0	0	0	0	0	18	29.5	25.3
11:00 AM	0	0	4	4	5	0	0	0	0	0	0	0	0	13	32.0	26.8
12:00 PM	2	0	6	8	4	2	0	0	0	0	0	0	0	22	32.7	26.0
1:00 PM	0	3	7	8	7	0	1	0	0	0	0	0	0	26	31.3	26.8
2:00 PM	0	1	7	0	5	4	0	0	0	0	0	0	0	17	35.0	27.8
3:00 PM	2	3	10	19	13	1	0	0	0	0	0	0	0	48	31.0	26.5
4:00 PM	0	1	10	11	4	2	0	0	0	0	0	0	0	28	31.0	26.1
5:00 PM	0	0	0	6	2	0	1	1	0	0	0	0	0	10	37.6	31.1
6:00 PM	1	0	1	2	2	2	0	0	0	0	0	0	0	8	38.8	28.9
7:00 PM	0	1	1	12	5	2	0	0	0	0	0	0	0	21	32.0	27.8
8:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21.0	21.0
9:00 PM	0	0	2	1	0	0	0	0	0	0	0	0	0	3	25.2	23.0
10:00 PM	0	0	0	1	1	0	0	0	0	0	0	0	0	2	32.8	30.0
11:00 PM	0	0	1	5	1	3	0	0	0	0	0	0	0	10	35.7	30.0
Total	7	13	65	105	69	20	2	1	0	0	0	0	0	282	33.0	27.2
Percent	2.48%	4.61%	23.05%	37.23%	24.47%	7.09%	0.71%	0.35%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	7:00 AM	9:00 AM	10:00 AM	9:00 AM	7:00 AM	8:00 AM								10:00 AM
Volume	1	2	9	7	6	2	0	0	0	0	0	0	0	18

PM Peak	12:00 PM	1:00 PM	3:00 PM	3:00 PM	3:00 PM	2:00 PM	1:00 PM	5:00 PM						3:00 PM
Volume	2	3	10	19	13	4	1	1	0	0	0	0	0	48

15th Percentile:	21.2 MPH	Average Speed:	27.2 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	27.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	177
85th Percentile:	33.0 MPH	Number in Pace:	183	Percent of Vehicles > 25 MPH:	62.8%
95th Percentile:	36.0 MPH	Percent in Pace:	64.9%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Wednesday, April 23, 2025

Speed (60-minute)																
Combined EB and WB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	25.0	25.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	1	1	1	0	0	0	0	0	0	0	0	3	29.1	27.0
3:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1	36.0	36.0
4:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33.0	33.0
5:00 AM	0	0	0	4	0	0	0	0	0	0	0	0	0	4	27.0	26.5
6:00 AM	0	1	11	21	7	0	0	0	0	0	0	0	0	40	30.0	26.3
7:00 AM	1	2	9	14	8	1	0	0	0	0	0	0	0	35	30.0	26.3
8:00 AM	0	1	9	19	5	2	0	0	0	0	0	0	0	36	31.0	27.6
9:00 AM	1	4	9	12	4	0	0	0	0	0	0	0	0	30	29.0	24.7
10:00 AM	0	4	18	12	5	0	0	0	0	0	0	0	0	39	29.0	24.3
11:00 AM	0	4	11	9	8	0	0	0	0	0	0	0	0	32	31.0	25.1
12:00 PM	4	2	21	12	6	2	0	0	0	0	0	0	0	47	30.0	23.6
1:00 PM	0	9	18	11	9	0	1	0	0	0	0	0	0	48	30.0	24.8
2:00 PM	1	3	21	5	5	4	0	0	0	0	0	0	0	39	31.3	24.6
3:00 PM	2	4	18	27	17	1	0	0	0	0	0	0	0	69	31.0	26.3
4:00 PM	0	2	18	25	6	2	0	0	0	0	0	0	0	53	29.2	25.8
5:00 PM	0	1	4	8	3	0	1	1	0	0	0	0	0	18	32.5	28.2
6:00 PM	1	0	2	3	3	2	0	0	0	0	0	0	0	11	36.5	28.5
7:00 PM	0	1	3	12	6	2	0	0	0	0	0	0	0	24	31.6	27.3
8:00 PM	0	0	2	0	0	0	0	0	0	0	0	0	0	2	20.9	20.5
9:00 PM	0	1	3	1	0	0	0	0	0	0	0	0	0	5	23.4	21.4
10:00 PM	0	1	1	4	1	0	0	0	0	0	0	0	0	7	28.6	25.6
11:00 PM	0	0	1	6	1	3	0	0	0	0	0	0	0	11	35.5	29.6
Total	10	40	180	207	96	20	2	1	0	0	0	0	0	556	31.0	25.7
Percent	1.80%	7.19%	32.37%	37.23%	17.27%	3.60%	0.36%	0.18%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	7:00 AM	9:00 AM	10:00 AM	6:00 AM	7:00 AM	8:00 AM									6:00 AM
Volume	1	4	18	21	8	2	0	0	0	0	0	0	0	40	

PM Peak	12:00 PM	1:00 PM	12:00 PM	3:00 PM	3:00 PM	2:00 PM	1:00 PM	5:00 PM							3:00 PM
Volume	4	9	21	27	17	4	1	1	0	0	0	0	0	69	

15th Percentile:	21.0 MPH	Average Speed:	25.7 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	26.0 MPH	10 MPH Pace:	21 to 30 MPH	Number of Vehicles > 25 MPH:	282
85th Percentile:	31.0 MPH	Number in Pace:	391	Percent of Vehicles > 25 MPH:	50.7%
95th Percentile:	34.0 MPH	Percent in Pace:	70.3%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Thursday, April 24, 2025

Speed (60-minute)

EB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	30.0	30.0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
5:00 AM	0	0	1	2	1	0	0	0	0	0	0	0	0	4	29.1	27.0
6:00 AM	0	2	17	16	3	0	0	0	0	0	0	0	0	38	29.0	25.2
7:00 AM	0	1	5	11	2	0	0	0	0	0	0	0	0	19	28.3	25.5
8:00 AM	0	1	7	12	4	0	0	0	0	0	0	0	0	24	29.6	25.8
9:00 AM	0	1	5	7	1	0	0	0	0	0	0	0	0	14	29.0	25.0
10:00 AM	0	2	9	5	0	1	0	0	0	0	0	0	0	17	28.6	24.3
11:00 AM	0	4	8	7	0	0	0	0	0	0	0	0	0	19	27.0	23.2
12:00 PM	0	1	4	9	0	0	0	0	0	0	0	0	0	14	28.0	25.0
1:00 PM	0	1	7	5	1	0	0	0	0	0	0	0	0	14	27.1	23.4
2:00 PM	2	2	12	13	4	0	0	0	0	0	0	0	0	33	28.2	24.2
3:00 PM	0	1	9	4	3	0	0	0	0	0	0	0	0	17	29.2	25.1
4:00 PM	1	0	6	8	4	0	0	0	0	0	0	0	0	19	31.0	26.2
5:00 PM	0	1	0	2	1	0	0	0	0	0	0	0	0	4	28.9	25.3
6:00 PM	0	0	5	2	0	0	0	0	0	0	0	0	0	7	27.1	23.6
7:00 PM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	27.0	27.0
8:00 PM	0	1	0	1	0	0	0	0	0	0	0	0	0	2	25.5	22.0
9:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0	2	20.6	19.5
10:00 PM	0	1	3	0	0	0	0	0	0	0	0	0	0	4	23.1	21.3
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
Total	3	20	99	105	25	1	0	0	0	0	0	0	0	253	29.0	24.7
Percent	1.19%	7.91%	39.13%	41.50%	9.88%	0.40%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	11:00 AM	6:00 AM	6:00 AM	8:00 AM	10:00 AM	6:00 AM								
Volume	0	4	17	16	4	1	0	0	0	0	0	0	0	38

PM Peak	2:00 PM	2:00 PM	2:00 PM	2:00 PM	2:00 PM	2:00 PM								
Volume	2	2	12	13	4	0	0	0	0	0	0	0	0	33

15th Percentile:	21.0 MPH	Average Speed:	24.7 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	25.0 MPH	10 MPH Pace:	20 to 29 MPH	Number of Vehicles > 25 MPH:	115
85th Percentile:	29.0 MPH	Number in Pace:	204	Percent of Vehicles > 25 MPH:	45.5%
95th Percentile:	31.0 MPH	Percent in Pace:	80.6%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Thursday, April 24, 2025

Speed (60-minute)

WB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29.4	28.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	29.0	29.0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
4:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33.0	33.0
5:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1	26.0	26.0
6:00 AM	0	0	2	3	0	0	1	0	0	0	0	0	0	6	32.0	28.2
7:00 AM	0	1	3	4	6	3	0	0	0	0	0	0	0	17	33.4	28.6
8:00 AM	1	1	2	5	2	2	0	0	0	0	0	0	0	13	32.8	26.3
9:00 AM	1	1	3	1	3	0	0	0	0	0	0	0	0	9	31.8	24.8
10:00 AM	0	1	8	5	5	0	0	0	0	0	0	0	0	19	31.3	25.8
11:00 AM	0	0	6	9	1	0	0	0	0	0	0	0	0	16	28.0	25.5
12:00 PM	0	1	3	6	4	2	0	0	0	0	0	0	0	16	31.8	27.9
1:00 PM	0	3	5	8	3	1	1	0	0	0	0	0	0	21	30.0	26.1
2:00 PM	0	0	3	6	7	0	0	0	0	0	0	0	0	16	31.8	28.6
3:00 PM	0	0	8	20	6	5	0	0	0	0	0	0	0	39	32.6	28.1
4:00 PM	0	1	5	14	6	3	0	0	0	0	0	0	0	29	32.0	27.7
5:00 PM	0	0	1	4	7	0	0	0	0	0	0	0	0	12	32.4	29.2
6:00 PM	0	0	1	2	3	2	0	0	0	0	0	0	0	8	35.9	30.8
7:00 PM	0	0	4	11	4	0	0	0	0	0	0	0	0	19	31.3	27.5
8:00 PM	0	1	1	0	1	0	0	0	0	0	0	0	0	3	28.6	23.3
9:00 PM	0	0	1	1	2	0	0	0	0	0	0	0	0	4	32.1	27.8
10:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	1	21.0	21.0
11:00 PM	0	0	1	7	1	0	0	0	0	0	0	0	0	9	29.0	27.1
Total	2	10	58	109	63	18	2	0	0	0	0	0	0	262	32.0	27.4
Percent	0.76%	3.82%	22.14%	41.60%	24.05%	6.87%	0.76%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	8:00 AM	7:00 AM	10:00 AM	11:00 AM	7:00 AM	7:00 AM	6:00 AM								10:00 AM
Volume	1	1	8	9	6	3	1	0	0	0	0	0	0	0	19

PM Peak		1:00 PM	3:00 PM	3:00 PM	2:00 PM	3:00 PM	1:00 PM								3:00 PM
Volume	0	3	8	20	7	5	1	0	0	0	0	0	0	0	39

15th Percentile:	23.0 MPH	Average Speed:	27.4 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	27.0 MPH	10 MPH Pace:	23 to 32 MPH	Number of Vehicles > 25 MPH:	174
85th Percentile:	32.0 MPH	Number in Pace:	192	Percent of Vehicles > 25 MPH:	66.4%
95th Percentile:	36.0 MPH	Percent in Pace:	73.3%		

Stone Quarry Drive
between Riverwoods Driveways
City, State: Durham, NH
Client: GPI/ C. Donaldson
Site Code: NEX-250003



PDI File #: 250559 ATR-B (Speed)

Count Date
Thursday, April 24, 2025

Speed (60-minute)																
Combined EB and WB																
Start Time:	1 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70+	Total	85th %ile	Ave Speed
12:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29.4	28.0
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
2:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2	29.9	29.5
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0
4:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1	33.0	33.0
5:00 AM	0	0	1	3	1	0	0	0	0	0	0	0	0	5	28.8	26.8
6:00 AM	0	2	19	19	3	0	1	0	0	0	0	0	0	44	29.0	25.6
7:00 AM	0	2	8	15	8	3	0	0	0	0	0	0	0	36	31.0	26.9
8:00 AM	1	2	9	17	6	2	0	0	0	0	0	0	0	37	30.0	26.0
9:00 AM	1	2	8	8	4	0	0	0	0	0	0	0	0	23	29.7	24.9
10:00 AM	0	3	17	10	5	1	0	0	0	0	0	0	0	36	30.5	25.1
11:00 AM	0	4	14	16	1	0	0	0	0	0	0	0	0	35	27.9	24.2
12:00 PM	0	2	7	15	4	2	0	0	0	0	0	0	0	30	30.7	26.5
1:00 PM	0	4	12	13	4	1	1	0	0	0	0	0	0	35	29.9	25.0
2:00 PM	2	2	15	19	11	0	0	0	0	0	0	0	0	49	30.0	25.6
3:00 PM	0	1	17	24	9	5	0	0	0	0	0	0	0	56	31.0	27.2
4:00 PM	1	1	11	22	10	3	0	0	0	0	0	0	0	48	32.0	27.1
5:00 PM	0	1	1	6	8	0	0	0	0	0	0	0	0	16	32.0	28.2
6:00 PM	0	0	6	4	3	2	0	0	0	0	0	0	0	15	32.8	27.4
7:00 PM	0	0	4	12	4	0	0	0	0	0	0	0	0	20	31.2	27.5
8:00 PM	0	2	1	1	1	0	0	0	0	0	0	0	0	5	28.6	22.8
9:00 PM	0	1	2	1	2	0	0	0	0	0	0	0	0	6	31.5	25.0
10:00 PM	0	1	4	0	0	0	0	0	0	0	0	0	0	5	22.8	21.2
11:00 PM	0	0	1	7	1	0	0	0	0	0	0	0	0	9	29.0	27.1
Total	5	30	157	214	88	19	2	0	0	0	0	0	0	515	31.0	26.1
Percent	0.97%	5.83%	30.49%	41.55%	17.09%	3.69%	0.39%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%			

AM Peak	8:00 AM	11:00 AM	6:00 AM	6:00 AM	7:00 AM	7:00 AM	6:00 AM							6:00 AM
Volume	1	4	19	19	8	3	1	0	0	0	0	0	0	44
PM Peak	2:00 PM	1:00 PM	3:00 PM	3:00 PM	2:00 PM	3:00 PM	1:00 PM							3:00 PM
Volume	2	4	17	24	11	5	1	0	0	0	0	0	0	56

15th Percentile:	21.0 MPH	Average Speed:	26.1 MPH	Posted Speed Limit:	25 MPH
50th Percentile:	26.0 MPH	10 MPH Pace:	22 to 31 MPH	Number of Vehicles > 25 MPH:	289
85th Percentile:	31.0 MPH	Number in Pace:	381	Percent of Vehicles > 25 MPH:	56.1%
95th Percentile:	34.0 MPH	Percent in Pace:	74.0%		

TRAFFIC VOLUME ADJUSTMENT DATA

Year 2023 Monthly Data

Town: Durham
Station: 02133021
Location: US 4 east of NH 108
Group: 4

Month	MADT	Adjustment to Average	Adjustment to Peak
January	12,373	1.34	1.49
February	15,192	1.09	1.22
March	15,249	1.09	1.21
April	17,288	0.96	1.07
May	17,801	0.93	1.04
June	16,607	1.00	1.11
July	16,914	0.98	1.09
August	17,612	0.94	1.05
September	18,235	0.91	1.01
October	18,490	0.90	1.00
November	16,842	0.99	1.10
December	17,008	0.98	1.09

AADT: 16,634
Peak Month: 18,490

Traffic Growth Rate^a

Location	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Annual Rate
STATION 22133022 - DURHAM - DOVER ROAD NORTH OF US 4			11,000			11,000			10,785		-0.33%
STATION 82133057 - DURHAM - DOVER ROAD SOUTH OF US 4			17,000			17,000			16,101		-0.90%
STATION 02133021 - DURHAM - PISCATAQUA ROAD (US 4) EAST OF DOVER ROAD	16,682	16,000	12,152	15,989	15,969	16,208	16,591	16,450	16,021	15,596	0.12%
STATION 82133091 - DURHAM - PISCATAQUA ROAD (US 4) EAST OF DOVER ROAD			17,000			15,000			17,076		0.16%
STATION 82133058 - DURHAM - PISCATAQUA ROAD (US 4) WEST OF DOVER ROAD	9,500			10,000			11,571			11,305	1.98%

Average Annual Growth Rate = 0.21%

^a Source: Based upon historical data; NHDOT Transportation Data Management System.

USE 1%

Per NHDOT current threshold

SIGHT DISTANCE CALCULATIONS

AASHTO Recommended Sight Distance Summary (Passenger Vehicles)

LOCATION: Dover Road at Stone Quarry Drive

Side Street Direction: WB
 Number of Lanes on Mainline = 2
 Median Width (Feet) = 0

STOPPING SIGHT DISTANCE

Mainline Direction: NB
 85th Percentile Speed (V) = 41 MPH
 Grade (G) = 3.7%
 Apply Grade Adjustment Yes
 Brake Reaction Time (T) = 2.5 seconds
 Deceleration Rate (A) = 11.2 ft/s²
 SSD = 1.47 V * T + 1.075 V²/A = 297 FT

SSD =	300 FT
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Mainline Direction: SB
 85th Percentile Speed (V) = 43 MPH
 Grade (G) = -3.7%
 Apply Grade Adjustment Yes
 Brake Reaction Time (T) = 2.5 seconds
 Deceleration Rate (A) = 11.2 ft/s²
 SSD = 1.47 V * T + 1.075 V²/A = 357 FT

SSD =	360 FT
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INTERSECTION SIGHT DISTANCE

RIGHT TURN FROM STOP: South of Driveway
 Posted Speed (V) = 35 MPH
 Minor Street Approach Grade (G) = 0.0%
 Apply Grade Adjustment No
 Time Gap (t_g) = 6.5 seconds
 ISD (Right Turn from Stop) = 1.47 * t_g * V = 335 FT

ISD (Right Turn from Stop) =	335 FT
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LEFT TURN FROM STOP: North of Driveway
 Posted Speed (V) = 35 MPH
 Minor Street Approach Grade (G) = 0.0%
 Apply Grade Adjustment No
 Time Gap (t_g) = 7.5 seconds
 ISD (Left Turn from Stop) = 1.47 * t_g * V = 386 FT

ISD (Left Turn from Stop) =	390 FT
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TRIP GENERATION CALCULATIONS

Institute of Transportation Engineers (ITE)

Land Use Code (LUC) 252 - Senior Adult Housing - Multifamily

General Urban/Suburban

Average Vehicle Trips Ends vs: Dwelling Units

Independent Variable (X): 55

AVERAGE WEEKDAY DAILY

$$T = 2.89 * (X) + 24.82$$

$$T = 2.89 * (55) + 24.82$$

$$T = 183.77$$

$$T = 184 \text{ vehicle trips}$$

with 50% (92 vph) entering and 50% (92 vph) exiting.

WEEKDAY MORNING PEAK HOUR OF ADJACENT STREET TRAFFIC

$$T = 0.19 * (X) + 0.90$$

$$T = 0.19 * (55) + 0.90$$

$$T = 11.35$$

$$T = 11 \text{ vehicle trips}$$

with 34% (4 vph) entering and 66% (7 vph) exiting.

WEEKDAY EVENING PEAK HOUR OF ADJACENT STREET TRAFFIC

$$T = 0.25 * (X) + 0.07$$

$$T = 0.25 * (55) + 0.07$$

$$T = 13.82$$

$$T = 14 \text{ vehicle trips}$$

with 56% (8 vph) entering and 44% (6 vph) exiting.

AUXILIARY TURN LANE WARRANTS

Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V _A), %:	3%
Advancing volume (V _A), veh/h:	586
Opposing volume (V _O), veh/h:	478

OUTPUT

Variable	Value
Limiting advancing volume (V _A), veh/h:	619
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

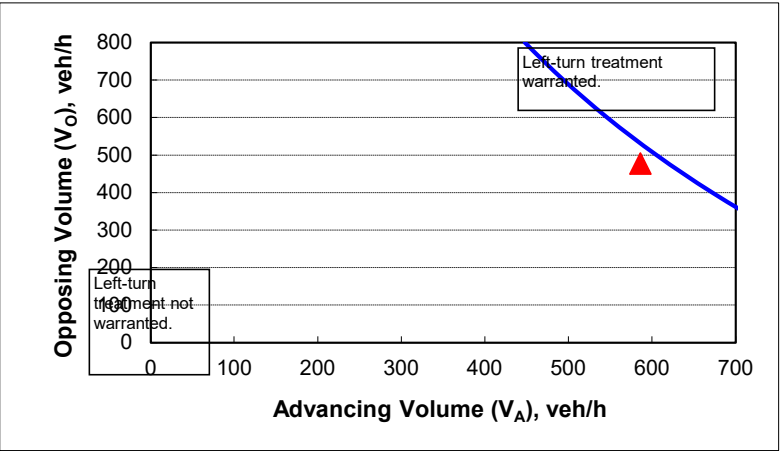


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V _A), %:	2%
Advancing volume (V _A), veh/h:	507
Opposing volume (V _O), veh/h:	636

OUTPUT

Variable	Value
Limiting advancing volume (V _A), veh/h:	630
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

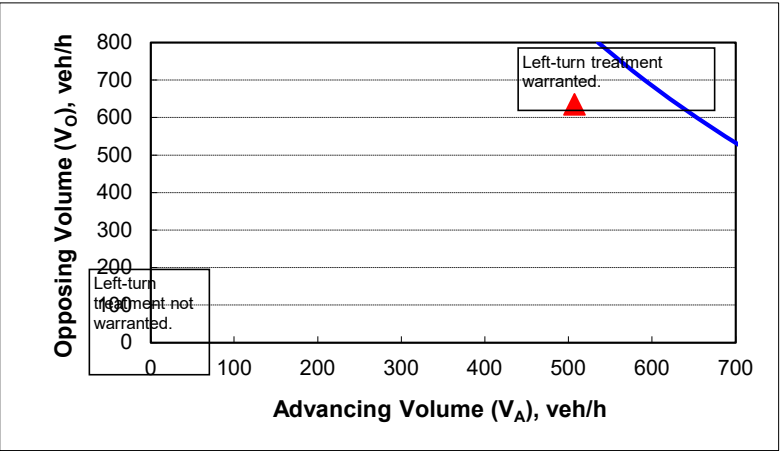


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

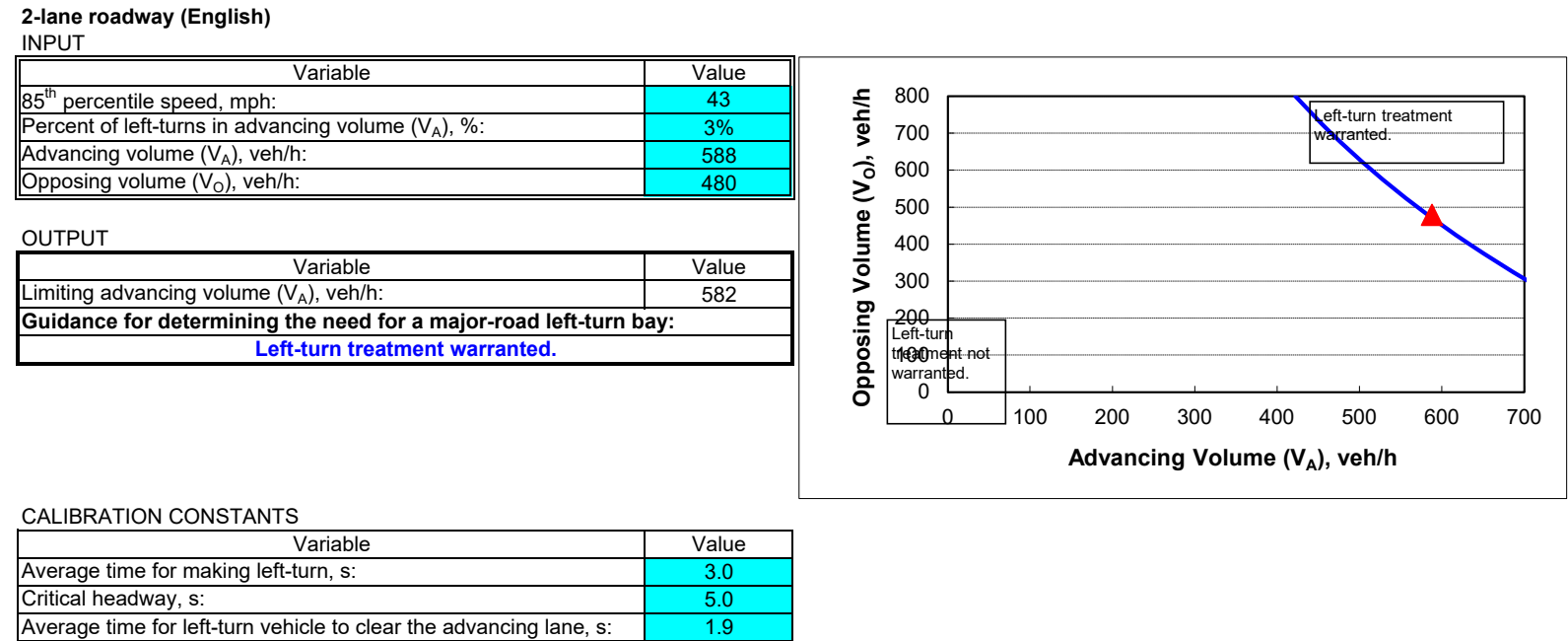


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V _A), %:	2%
Advancing volume (V _A), veh/h:	510
Opposing volume (V _O), veh/h:	641

OUTPUT

Variable	Value
Limiting advancing volume (V _A), veh/h:	546
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

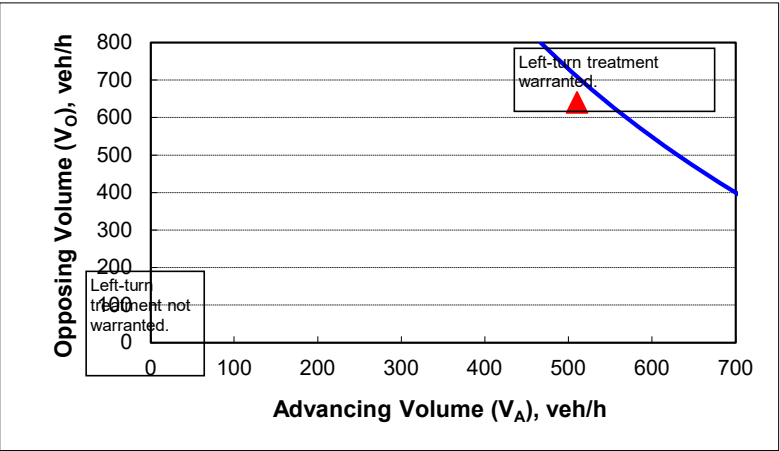


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V _A), %:	2%
Advancing volume (V _A), veh/h:	645
Opposing volume (V _O), veh/h:	525

OUTPUT

Variable	Value
Limiting advancing volume (V _A), veh/h:	618
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

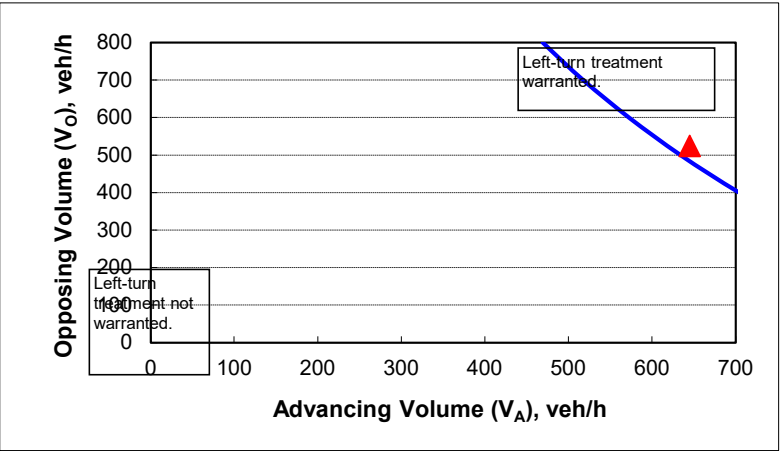


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V _A), %:	2%
Advancing volume (V _A), veh/h:	559
Opposing volume (V _O), veh/h:	701

OUTPUT

Variable	Value
Limiting advancing volume (V _A), veh/h:	620
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment NOT warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

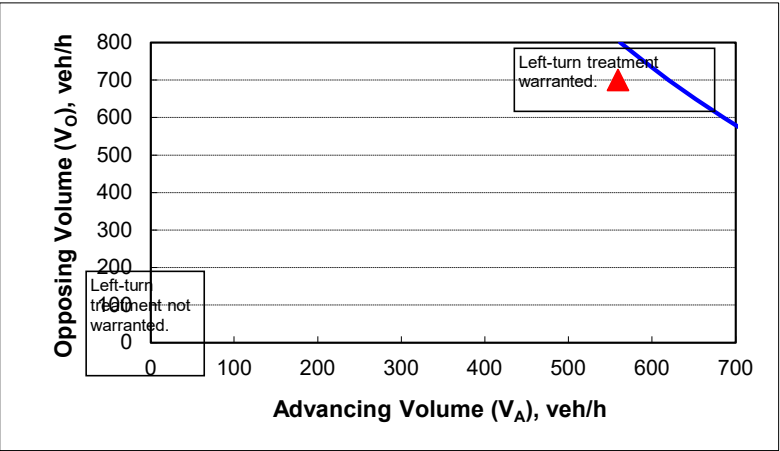


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

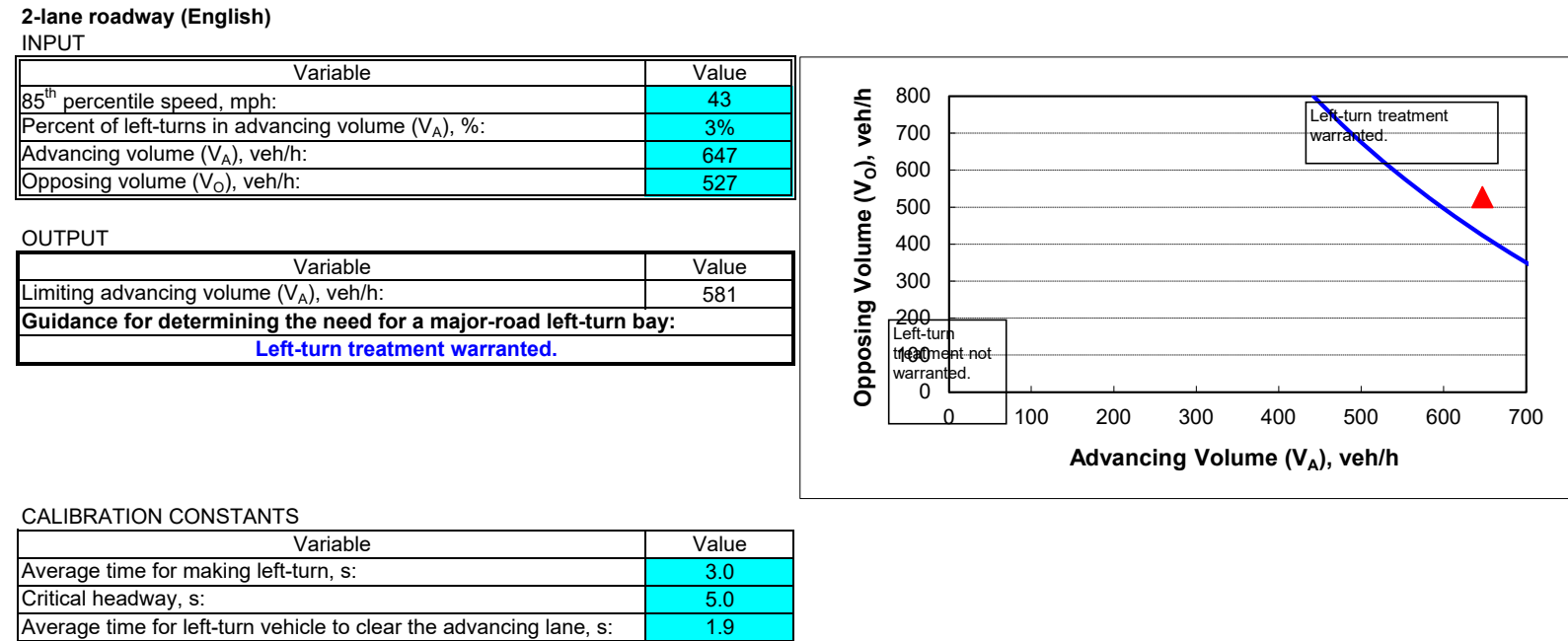


Figure 2 - 5. Guideline for determining the need for a major-road left-turn bay at a two-way stop-controlled intersection

2-lane roadway (English)

INPUT

Variable	Value
85 th percentile speed, mph:	43
Percent of left-turns in advancing volume (V_A), %:	2%
Advancing volume (V_A), veh/h:	562
Opposing volume (V_O), veh/h:	706

OUTPUT

Variable	Value
Limiting advancing volume (V_A), veh/h:	537
Guidance for determining the need for a major-road left-turn bay:	
Left-turn treatment warranted.	

CALIBRATION CONSTANTS

Variable	Value
Average time for making left-turn, s:	3.0
Critical headway, s:	5.0
Average time for left-turn vehicle to clear the advancing lane, s:	1.9

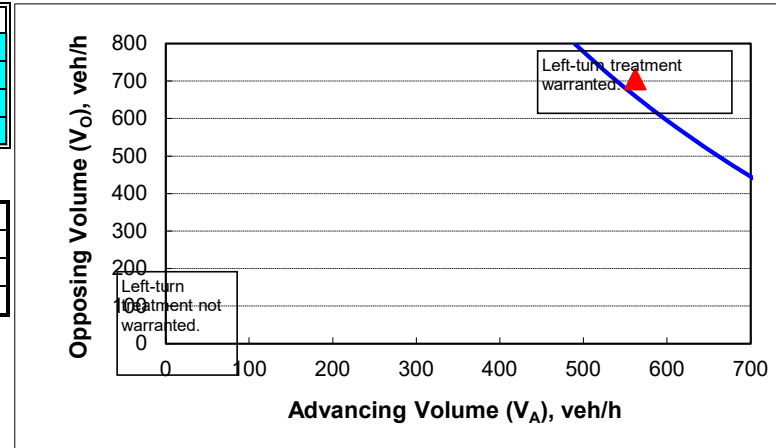


Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	2-lane roadway
Variable	Value
Major-road speed, mph:	41
Major-road volume (one direction), veh/h:	527
Right-turn volume, veh/h:	36

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	66
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	

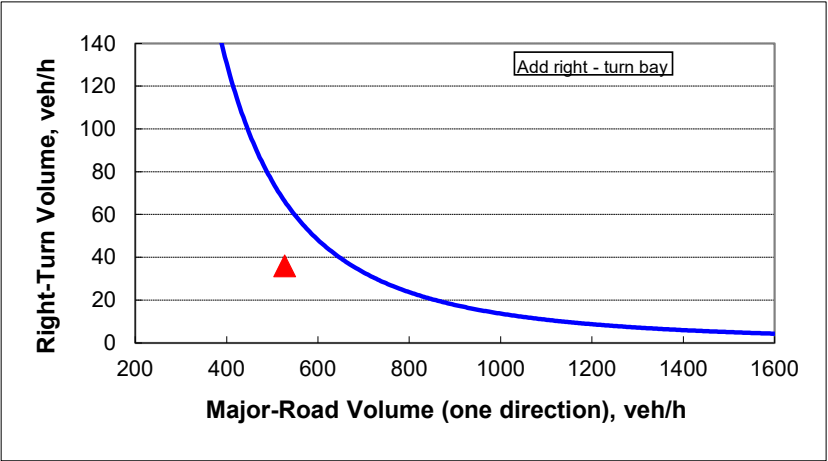


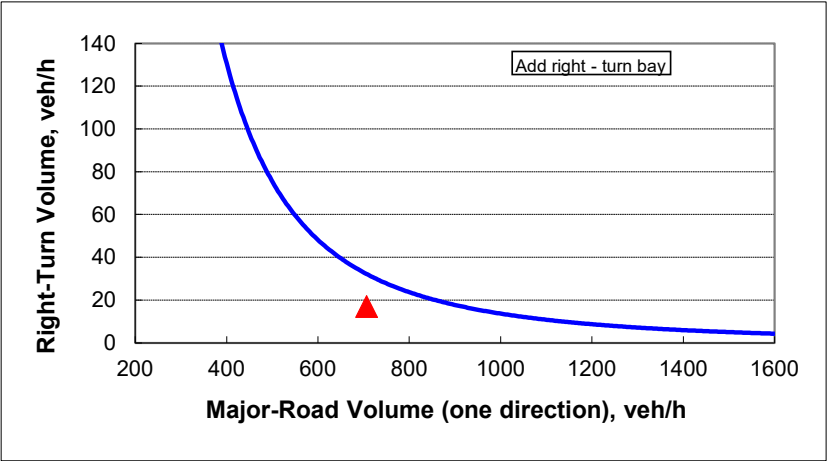
Figure 2 - 6. Guideline for determining the need for a major-road right-turn bay at a two-way stop-controlled intersection.

INPUT

Roadway geometry:	2-lane roadway
Variable	Value
Major-road speed, mph:	41
Major-road volume (one direction), veh/h:	706
Right-turn volume, veh/h:	17

OUTPUT

Variable	Value
Limiting right-turn volume, veh/h:	32
Guidance for determining the need for a major-road right-turn bay for a 2-lane roadway:	
Do NOT add right-turn bay.	



CAPACITY ANALYSIS METHODOLOGY

CAPACITY ANALYSIS METHODOLOGY

A primary result of capacity analysis is the assignment of levels of service to traffic facilities under various traffic flow conditions. The capacity analysis methodology is based on the concepts and procedures in the *Highway Capacity Manual* (HCM).⁸ The concept of level of service (LOS) is defined as a qualitative measure describing operational conditions within a traffic stream and their perception by motorists and/or passengers. A level-of-service definition provides an index to quality of traffic flow in terms of such factors as speed, travel time, freedom to maneuver, traffic interruptions, comfort, convenience, and safety.

Six levels of service are defined for each type of facility. They are given letter designations from A to F, with LOS A representing the best operating conditions and LOS F the worst. Since the level of service of a traffic facility is a function of the traffic flows placed upon it, such a facility may operate at a wide range of levels of service, depending on the time of day, day of week, or period of year. A description of the operating condition under each level of service is provided below:

- *LOS A* describes conditions with little to no delay to motorists.
- *LOS B* represents a desirable level with relatively low delay to motorists.
- *LOS C* describes conditions with average delays to motorists.
- *LOS D* describes operations where the influence of congestion becomes more noticeable. Delays are still within an acceptable range.
- *LOS E* represents operating conditions with high delay values. This level is considered by many agencies to be the limit of acceptable delay.
- *LOS F* is considered to be unacceptable to most drivers with high delay values that often occur, when arrival flow rates exceed the capacity of the intersection.

Unsignalized Intersections

Levels of service for unsignalized intersections are calculated using the operational analysis methodology of the HCM. The procedure accounts for lane configuration on both the minor and major street approaches, conflicting traffic stream volumes, and the type of intersection control (STOP, YIELD, or all-way STOP control). The definition of level of service for unsignalized intersections is a function of average *control* delay. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. The level-of-service criteria for unsignalized intersections are shown in Table A-1.

Signalized Intersections

Levels of service for signalized intersections are also calculated using the operational analysis methodology of the HCM. The methodology for signalized intersections assesses the effects of signal type, timing, phasing, and progression; vehicle mix; and geometrics on average *control* delay. Control delay includes initial deceleration delay, queue move-up time, stopped delay, and final acceleration delay. Table A-1 summarizes the relationship between level of service and average control delay.

⁸ *Highway Capacity Manual 7th Edition*, Transportation Research Board; Washington, D.C.; 2022.

TABLE A-1
Level-of-Service Criteria for Intersections

Level of Service	Unsignalized Intersection Criteria Average Control Delay (Seconds per Vehicle)	Signalized Intersection Criteria Average Control Delay (Seconds per Vehicle)
A	≤10	≤10
B	>10 and ≤15	>10 and ≤20
C	>15 and ≤25	>20 and ≤35
D	>25 and ≤35	>35 and ≤55
E	>35 and ≤50	>55 and ≤80
F	>50 or v/c > 1.0	>80 or v/c > 1.0

Source *Highway Capacity Manual 7th Edition*, Transportation Research Board; Washington, D.C.; 2022.
Pages 19-23, 20-11, and 21-17.

For signalized intersections, this delay criterion may be applied in assigning level-of-service designations to individual lane groups, to individual intersection approaches, or to the entire intersection. For unsignalized intersections, this delay criterion may be applied in assigning level-of-service designations to individual lane groups or to individual intersection approaches.

CAPACITY AND QUEUE ANALYSIS WORKSHEETS

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2025 Existing
Timing Plan: Weekday AM

Intersection

Int Delay, s/veh 0.6

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 11 7 440 34 15 565

Future Vol, veh/h 11 7 440 34 15 565

Conflicting Peds, #/hr 0 1 0 1 1 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 64 64 88 88 96 96

Heavy Vehicles, % 6 6 5 5 3 3

Mvmt Flow 17 11 500 39 16 589

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1140 521 0 0 540 0

Stage 1 520 - - - - -

Stage 2 620 - - - - -

Critical Hdwy 6.46 6.26 - - 4.13 -

Critical Hdwy Stg 1 5.46 - - - - -

Critical Hdwy Stg 2 5.46 - - - - -

Follow-up Hdwy 3.554 3.354 - - 2.227 -

Pot Cap-1 Maneuver 218 547 - - 1024 -

Stage 1 588 - - - - -

Stage 2 529 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 213 546 - - 1023 -

Mov Cap-2 Maneuver 213 - - - - -

Stage 1 588 - - - - -

Stage 2 517 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 19.33 0 0.22

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 279 47 -

HCM Lane V/C Ratio - - 0.101 0.015 -

HCM Ctrl Dly (s/v) - - 19.3 8.6 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.3 0 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2025 Existing
Timing Plan: Weekday PM

Intersection

Int Delay, s/veh 1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	20	17	618	12	9	493
Future Vol, veh/h	20	17	618	12	9	493
Conflicting Peds, #/hr	0	3	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	96	96	92	92
Heavy Vehicles, %	5	5	1	1	1	1
Mvmt Flow	28	24	644	13	10	536

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	1205	653	0
Stage 1	650	-	-
Stage 2	555	-	-
Critical Hdwy	6.45	6.25	-
Critical Hdwy Stg 1	5.45	-	-
Critical Hdwy Stg 2	5.45	-	-
Follow-up Hdwy	3.545	3.345	-
Pot Cap-1 Maneuver	200	462	-
Stage 1	514	-	-
Stage 2	569	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	197	461	-
Mov Cap-2 Maneuver	197	-	-
Stage 1	514	-	-
Stage 2	560	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	21.69	0	0.16
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	267	32
HCM Lane V/C Ratio	-	-	0.195	0.01
HCM Ctrl Dly (s/v)	-	-	21.7	8.9
HCM Lane LOS	-	-	C	A
HCM 95th %tile Q(veh)	-	-	0.7	0

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2026 No-Build
Timing Plan: Weekday AM

Intersection

Int Delay, s/veh 0.6

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 11 7 444 34 15 571

Future Vol, veh/h 11 7 444 34 15 571

Conflicting Peds, #/hr 0 1 0 1 1 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 64 64 88 88 96 96

Heavy Vehicles, % 6 6 5 5 3 3

Mvmt Flow 17 11 505 39 16 595

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1151 526 0 0 544 0

Stage 1 525 - - - - -

Stage 2 626 - - - - -

Critical Hdwy 6.46 6.26 - - 4.13 -

Critical Hdwy Stg 1 5.46 - - - - -

Critical Hdwy Stg 2 5.46 - - - - -

Follow-up Hdwy 3.554 3.354 - - 2.227 -

Pot Cap-1 Maneuver 215 544 - - 1020 -

Stage 1 586 - - - - -

Stage 2 525 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 210 543 - - 1019 -

Mov Cap-2 Maneuver 210 - - - - -

Stage 1 585 - - - - -

Stage 2 513 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 19.54 0 0.22

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 276 46 -

HCM Lane V/C Ratio - - 0.102 0.015 -

HCM Ctrl Dly (s/v) - - 19.5 8.6 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.3 0 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2026 No-Build
Timing Plan: Weekday PM

Intersection

Int Delay, s/veh 1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	20	17	624	12	9	498
Future Vol, veh/h	20	17	624	12	9	498
Conflicting Peds, #/hr	0	3	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	96	96	92	92
Heavy Vehicles, %	5	5	1	1	1	1
Mvmt Flow	28	24	650	13	10	541

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	1217	659	0
Stage 1	656	-	-
Stage 2	561	-	-
Critical Hdwy	6.45	6.25	-
Critical Hdwy Stg 1	5.45	-	-
Critical Hdwy Stg 2	5.45	-	-
Follow-up Hdwy	3.545	3.345	-
Pot Cap-1 Maneuver	197	458	-
Stage 1	511	-	-
Stage 2	565	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	194	457	-
Mov Cap-2 Maneuver	194	-	-
Stage 1	511	-	-
Stage 2	557	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	21.99	0	0.16
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	264	32
HCM Lane V/C Ratio	-	-	0.198	0.011
HCM Ctrl Dly (s/v)	-	-	22	8.9
HCM Lane LOS	-	-	C	A
HCM 95th %tile Q(veh)	-	-	0.7	0

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2036 No-Build
Timing Plan: Weekday AM

Intersection

Int Delay, s/veh 0.4

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 11 7 491 34 15 630

Future Vol, veh/h 11 7 491 34 15 630

Conflicting Peds, #/hr 0 1 0 1 1 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 90 90 90 90 96 96

Heavy Vehicles, % 6 6 5 5 3 3

Mvmt Flow 12 8 546 38 16 656

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1253 566 0 0 584 0

Stage 1 565 - - - - -

Stage 2 688 - - - - -

Critical Hdwy 6.46 6.26 - - 4.13 -

Critical Hdwy Stg 1 5.46 - - - - -

Critical Hdwy Stg 2 5.46 - - - - -

Follow-up Hdwy 3.554 3.354 - - 2.227 -

Pot Cap-1 Maneuver 186 516 - - 985 -

Stage 1 561 - - - - -

Stage 2 492 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 182 515 - - 985 -

Mov Cap-2 Maneuver 182 - - - - -

Stage 1 560 - - - - -

Stage 2 480 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 21.16 0 0.2

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 243 42 -

HCM Lane V/C Ratio - - 0.082 0.016 -

HCM Ctrl Dly (s/v) - - 21.2 8.7 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.3 0 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2036 No-Build
Timing Plan: Weekday PM

Intersection

Int Delay, s/veh 0.8

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 20 17 689 12 9 550

Future Vol, veh/h 20 17 689 12 9 550

Conflicting Peds, #/hr 0 3 0 0 0 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 90 90 96 96 92 92

Heavy Vehicles, % 5 5 1 1 1 1

Mvmt Flow 22 19 718 13 10 598

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1341 727 0 0 730 0

Stage 1 724 - - - - -

Stage 2 617 - - - - -

Critical Hdwy 6.45 6.25 - - 4.11 -

Critical Hdwy Stg 1 5.45 - - - - -

Critical Hdwy Stg 2 5.45 - - - - -

Follow-up Hdwy 3.545 3.345 - - 2.209 -

Pot Cap-1 Maneuver 165 419 - - 878 -

Stage 1 475 - - - - -

Stage 2 532 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 163 418 - - 878 -

Mov Cap-2 Maneuver 163 - - - - -

Stage 1 475 - - - - -

Stage 2 523 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 24.42 0 0.15

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 226 29 -

HCM Lane V/C Ratio - - 0.182 0.011 -

HCM Ctrl Dly (s/v) - - 24.4 9.1 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.6 0 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2026 Build
Timing Plan: Weekday AM

Intersection

Int Delay, s/veh 0.8

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 15 10 444 36 17 571

Future Vol, veh/h 15 10 444 36 17 571

Conflicting Peds, #/hr 0 1 0 1 1 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 64 64 88 88 96 96

Heavy Vehicles, % 6 6 5 5 3 3

Mvmt Flow 23 16 505 41 18 595

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1156 527 0 0 546 0

Stage 1 526 - - - - -

Stage 2 630 - - - - -

Critical Hdwy 6.46 6.26 - - 4.13 -

Critical Hdwy Stg 1 5.46 - - - - -

Critical Hdwy Stg 2 5.46 - - - - -

Follow-up Hdwy 3.554 3.354 - - 2.227 -

Pot Cap-1 Maneuver 213 543 - - 1018 -

Stage 1 585 - - - - -

Stage 2 523 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 208 542 - - 1017 -

Mov Cap-2 Maneuver 208 - - - - -

Stage 1 584 - - - - -

Stage 2 510 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 20.2 0 0.25

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 276 52 -

HCM Lane V/C Ratio - - 0.142 0.017 -

HCM Ctrl Dly (s/v) - - 20.2 8.6 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.5 0.1 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2026 Build
Timing Plan: Weekday PM

Intersection

Int Delay, s/veh 1.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	24	19	624	17	12	498
Future Vol, veh/h	24	19	624	17	12	498
Conflicting Peds, #/hr	0	3	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	71	71	96	96	92	92
Heavy Vehicles, %	5	5	1	1	1	1
Mvmt Flow	34	27	650	18	13	541

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	1226	662	0
Stage 1	659	-	-
Stage 2	567	-	-
Critical Hdwy	6.45	6.25	-
Critical Hdwy Stg 1	5.45	-	-
Critical Hdwy Stg 2	5.45	-	-
Follow-up Hdwy	3.545	3.345	-
Pot Cap-1 Maneuver	194	457	-
Stage 1	509	-	-
Stage 2	561	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	190	456	-
Mov Cap-2 Maneuver	190	-	-
Stage 1	509	-	-
Stage 2	550	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	23.33	0	0.21
HCM LOS	C		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	256	42
HCM Lane V/C Ratio	-	-	0.236	0.014
HCM Ctrl Dly (s/v)	-	-	23.3	8.9
HCM Lane LOS	-	-	C	A
HCM 95th %tile Q(veh)	-	-	0.9	0

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2036 Build
Timing Plan: Weekday AM

Intersection

Int Delay, s/veh 0.6

Movement WBL WBR NBT NBR SBL SBT

Lane Configurations 

Traffic Vol, veh/h 15 10 491 36 17 630

Future Vol, veh/h 15 10 491 36 17 630

Conflicting Peds, #/hr 0 1 0 1 1 0

Sign Control Stop Stop Free Free Free Free

RT Channelized - None - None - None

Storage Length 0 - - - - -

Veh in Median Storage, # 0 - 0 - - 0

Grade, % 0 - 0 - - 0

Peak Hour Factor 90 90 90 90 96 96

Heavy Vehicles, % 6 6 5 5 3 3

Mvmt Flow 17 11 546 40 18 656

Major/Minor Minor1 Major1 Major2

Conflicting Flow All 1258 568 0 0 587 0

Stage 1 567 - - - - -

Stage 2 692 - - - - -

Critical Hdwy 6.46 6.26 - - 4.13 -

Critical Hdwy Stg 1 5.46 - - - - -

Critical Hdwy Stg 2 5.46 - - - - -

Follow-up Hdwy 3.554 3.354 - - 2.227 -

Pot Cap-1 Maneuver 185 515 - - 983 -

Stage 1 560 - - - - -

Stage 2 490 - - - - -

Platoon blocked, % - - - - -

Mov Cap-1 Maneuver 180 514 - - 983 -

Mov Cap-2 Maneuver 180 - - - - -

Stage 1 560 - - - - -

Stage 2 476 - - - - -

Approach WB NB SB

HCM Ctrl Dly, s/v 21.73 0 0.23

HCM LOS C

Minor Lane/Major Mvmt NBT NBRWBLn1 SBL SBT

Capacity (veh/h) - - 243 47 -

HCM Lane V/C Ratio - - 0.114 0.018 -

HCM Ctrl Dly (s/v) - - 21.7 8.7 0

HCM Lane LOS - - C A A

HCM 95th %tile Q(veh) - - 0.4 0.1 -

1: Dover Road & Stone Quarry Drive
HCM 7th TWSC

2036 Build
Timing Plan: Weekday PM

Intersection

Int Delay, s/veh 1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Lane Configurations						
Traffic Vol, veh/h	24	19	689	17	12	550
Future Vol, veh/h	24	19	689	17	12	550
Conflicting Peds, #/hr	0	3	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	90	90	96	96	92	92
Heavy Vehicles, %	5	5	1	1	1	1
Mvmt Flow	27	21	718	18	13	598

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	1350	730	0
Stage 1	727	-	-
Stage 2	624	-	-
Critical Hdwy	6.45	6.25	-
Critical Hdwy Stg 1	5.45	-	-
Critical Hdwy Stg 2	5.45	-	-
Follow-up Hdwy	3.545	3.345	-
Pot Cap-1 Maneuver	163	418	-
Stage 1	473	-	-
Stage 2	529	-	-
Platoon blocked, %		-	-
Mov Cap-1 Maneuver	160	417	-
Mov Cap-2 Maneuver	160	-	-
Stage 1	473	-	-
Stage 2	517	-	-

Approach	WB	NB	SB
HCM Ctrl Dly, s/v	25.91	0	0.2
HCM LOS	D		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	219	38
HCM Lane V/C Ratio	-	-	0.218	0.015
HCM Ctrl Dly (s/v)	-	-	25.9	9.2
HCM Lane LOS	-	-	D	A
HCM 95th %tile Q(veh)	-	-	0.8	0