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BELMONT, MA**

DATE: February 6, 2023  
TIME: 10:38 AM

## **Belmont Transportation Advisory Committee (TAC) Meeting**

Minutes for Thursday, 1 December, 2022

**Present:** David Coleman (Chair), Larry Link (Vice Chair), Heather Barr, Daniel Eldridge, Richard Hartley, Jane Lappin, Ken Lind, Jeffrey Roth (Secretary)

**Absent:** Chip Gaysunas

**Also present:**

**Town Staff:** Glenn Clancy (Belmont Office of Community Development (CD) Director), Sergeant Paul Garabedian (Belmont Police Department (BPD)), Jay Marcotte (Belmont Department of Public Works (DPW)), Roy Epstein (Belmont Office of Select Board)

**Town Public Residents:** Anne-Marie Mahoney, Anne Paulsen, Bill <no last name provided>, Chi-Ting Huang, Deborah Galli, Mary Wybieralla, David & Jane Otte, Deborah Kahn, Deborah Talanian, Erika Wolf, Jim <no last name provided>

***Final*** minutes, compiled on date: 2023-02-01; finalized on 2 Feb., 2023.

### **Announcements**

1. Tonight's public meeting occurred online using a zoom video conference forum.

*In keeping with Governor Baker's Executive Order of March 12, 2020, "Order Suspending Certain Provisions of the Open Meeting Law" — The Transportation Advisory Committee Meeting of 1 April, 2021, was held by Remote Access through Zoom.*

The meeting was called to order at 7:00p by Chairperson David Coleman.

### **Review and Approval of Minutes (November 3, 2022); New TAC Member**

***11/03/2022***

The Committee reviewed the draft meeting minutes from the TAC meeting on the 3rd of November, 2022. These TAC meeting minutes were reviewed, and minor corrections were suggested by David Coleman, Ken Lind, and Heather Barr. Daniel Eldridge made a motion to approve the minutes as amended. Ken Lind seconded the motion. A vote by roll call was made to approve these minutes as amended, and all voted unanimously in favor of approving the minutes.

New TAC member Richard Hartley was introduced and welcomed to the board.

## Washington/Dalton-Sharpe Crosswalk Safety Discussion

*David Coleman (TAC Chair)* — David Coleman presented an overview and background on this topic, and discussed the recommendation of a new traffic signal, which would be a cost of approximately \$7K. David made a motion to vote on approving this recommendation, with the proviso that funding has not yet been identified. Daniel Eldridge seconded the motion. David said he would have a discussion with Patrice Garvin the Town Administrator about funding options and budgeting for projects like this.

All TAC members voted in favor of this measure, with the exception of Richard Hartley who abstained because as a first-time TAC member attending tonight's meeting he was not knowledgeable of the earlier discussions.

Appendix 1-A and Appendix 1-B include a photo and pricing quotation for this product.

## Goden St. Neighborhood

*David Coleman (TAC Chair)* — David Coleman gave an overview of the previous study by BSC on Goden St. done in 2019. This briefing is included in Appendix 2-A. From the BSC study, 132 cars were reported going southbound on Goden in morning during the 7:15a – 8:15a time-slot, and he talked about the general observations from the BSC analysis.

*Glenn Clancy (CD Director)* — Glenn Clancy discussed the more recent 2022 car traffic data collection on Goden St. by Paul Garabedian. These documents are both included in Appendix 2-B and Appendix 2-C below. Glenn said that this data reveals that the northbound cut through traffic exceeds the threshold we have adopted to qualify as cut-through car-traffic problem.

*Roy Epstein (Belmont Office of Select Board)* — Roy Epstein asked Glenn to reiterate the cut-through traffic criteria in the Traffic Policy.

*Glenn Clancy (CD Director)* — Glenn Clancy said that the threshold in the Traffic-Calming Policy is as follows: If you have hourly count that is 10% or greater than the total average daily count for the period, then this qualifies as a cut-through traffic problem. This metric is exceeded in most afternoon hours between 2p and 5p. He said this is not a speeding problem, but there is a cut-through problem caused by the car traffic. Glenn also mentioned that the speed trailer can be used in places like Goden St. and Washington St. to alert drivers to slow down by reporting their speeds.

*David Coleman (TAC Chair)* — David Coleman discussed the south-bound traffic flow, which is also significant, like the northbound traffic volume. He said that we need to take a systematic approach about the restrictions, encompassing all the roads from Cottage St. down to Orchard St.

*Ken Lind (TAC)* — Ken Lind pointed out that the southbound traffic is actually less now than it was with the BSC study in 2019, so things have gotten better somewhat.

*David Coleman (TAC Chair)* — David Coleman asked about doing another comprehensive study like this.

*Glenn Clancy (CD Director)* — Glenn Clancy said he would look up the costs of the previous 2019 BSC study. Some of the items from that study were implemented like the speed tables on School St. and four-way stops on School St., which may have helped ameliorate traffic problems to some degree. Glenn said there is not a dramatic difference

between speeds during mid-day and mornings, so there is not even as much high speeds during mid-day times even though there are less traffic on the road.

*Dan Eldridge (TAC)* — Dan Eldridge asked about how measurements are done, and whether cars that are stopped are counted properly.

*Sergeant Paul Garabedian (BPD)* — Sergeant Paul Garabedian said they record any car that passes through the counting sensor, so it does not corrupt the data to have stopped traffic. Every single car that goes by is counted by the sensor.

### ***Public Comments Session***

The meeting now moved into a public-comment session on this topic.

*Erika Wolf (Resident)* — Erika Wolf said that the average speed is questionable. She also said that she is grateful that committee is looking at this topic. She hopes that now is the time to look at this, or at least try to do something. Regarding recommendations about no right-hand turns, she asked how this would address cars unsafely u-turning, and a one-way implementation could solve that problem.

*Anne-Marie Mahoney (Resident)* — Anne-Marie Mahoney said the Belmont Middle School opening could create more problems. She said that the volume is the problem, as well as bad behavior. She said something needs to happen now to help address this problem. She said that she believes that a northbound restriction is needed from School St.

*Glenn Clancy (CD Director)* — Glenn Clancy asked whether in the afternoons whether the problem is caused by commuter traffic or high-school traffic.

*Anne-Marie Mahoney (Resident)* — Anne-Marie Mahoney responded that it is mostly school commuters.

*Ken Lind (TAC)* — Ken Lind mentioned that for the current study and the previous study, both show the afternoon numbers being higher than the mornings.

*Anne Paulsen (Resident)* — Anne Paulsen responded that there is a shifting of the traffic to Myrtle St. or Cottage St. She also mentioned cut-through traffic. She said it is hard to exclude people who live in Belmont from cutting through these residential roads, not to mention excluding people from other towns from cutting through these roadways. She said the key is enforcing the 25-mph speed limit, which would likely help a lot. She said we still need to get the speed of traffic down. Finally, Anne applauded the efforts to look at this.

*Glenn Clancy (CD Director)* — Glenn Clancy said when you start thinking about turn restrictions, you have to consider that eliminating turn options will encourage people to take other side streets, which may have a negative, ripple effect.

*Chi-Ting Huang (Resident)* — Chi-Ting Huang said we have been proposing doing some restrictions for a long time to alleviate the problems. She said the concerns about back-ups and congestion were raised prior to the construction.

*Amy Tananbaum (Resident)* — Amy Tananbaum mentioned taking a holistic view of this problem, to come up with something that will also stimulate non-car modes of transit to and from the schools.

*David Coleman (TAC Chair)* — David Coleman said there is a growing balance between cars and people walking and biking, though it is still skewed towards cars. He said that slowing drivers down going to and from school needs to happen in conjunction with any changes, to improve safety for people walking, biking, etc.

*Jeffrey Roth (TAC)* — Jeffrey Roth said one option to consider could be to change light signal at Goden St. to extend timing to allow more people walking and biking through there. This could promote more people to walk and bike, get such people through the intersection more quickly, and dissuade people from driving to the school.

*Amy Tananbaum (Resident)* — Amy Tananbaum mentioned that any time we can encourage the Town not to take away busing options and to encourage more walking and biking to the school, that will ultimately help address the current traffic-safety problems. She said this would be a good segway into the next discussion on busing options.

*Larry Link (TAC)* — Larry Link provided some background on the bus options that were considered recently. The School Department is working now on a pilot study to see if it can work next year. He mentioned that start times are a barrier to bus ridership, and that also a drop in bus costs should stimulate more ridership. He said that the TAC is working quickly to get a survey done and out to families about commuting to school.

*David Coleman (TAC Chair)* — David Coleman said SRTS has been part of this initiative to promote getting kids out of cars and into other modes of transportation to school. Judy Crocker at SRTS reported at a previous meeting with David that the town of Lexington was able to cut bus service costs, that in turn stimulated increased ridership. Belmont has one of the highest parent fees in the entire state, and also the early start times that Larry Link mentioned make it challenging. Could potentially optimize times to get increased ridership, which could lower costs. There is some flexibility in the bus contract to add buses, and also to adjust times and schedules.

*Anne Paulsen (Resident)* — Anne Paulsen said fees should be charged for kids driving to school, due to the hidden costs that this imposes on the school, town, and residents.

*David Coleman (TAC Chair)* — David Coleman said that this and some modeling of traffic restriction should be looked into.

*Glenn Clancy (CD Director)* — Said he will explore the bus pricing further.

*David Coleman (TAC Chair)* — David Coleman said this will be discussed again at the next meeting, and we could experiment with options, and find something to implement in the near term.

## Project Updates

### *Pleasant St. Crosswalk*

This topic was discussed only briefly, but is still being looked into.

### *Community Connections*

A follow-up discussion took place regarding applying for BLUEbikes funding through the Community Connections program. The deadline for applications for this year is 23 December. Some ideas were presented on how to source the local funding match required for this program, as well as how to fund the operating costs.



*Heather Barr (TAC)* — Heather Barr said that the Community Preservation Committee (CPC) could be an option for funding BLUEbikes in Belmont.

*Larry Link (TAC)* — Larry Link suggested contacting Elizabeth Dionne with CPC, and that he would provide a contact for her.

*Jeffrey Roth (TAC)* — Jeffrey Roth said he would follow up with the CPC on whether this is something those funds could be used to cover.

### ***Winter St. Speed Tables***

The Winter St. speed tables were completed and installed this fall, and seem to be helping with the traffic speeding problems.

*Glenn Clancy (CD Director)* — Glenn Clancy followed up on the Partridge Lane topic, and said that he was notified about a school bus route that goes through this roadway. He said that he reached out to Superintendent John Phelan to discuss this. The superintendent has some concerns that the bus may not be able to get out of there using a U-Turn in the winter if there are snow banks. The superintendent explored other route options, but has not provided a response on to this yet. This bus comes down Rayburn and out Partridge, and there is some concern with closing off Partridge loop which would require the bus to make a U-Turn.

*Glenn Clancy (CD Director)* — Glenn also discussed the related Winter St. traffic-calming request near the thickly-settled speed limits. The submission is concerned with car speeds that are too high. Glenn said he did reach out to Sergeant Garabedian about the Winter St. data, which shows 32 mph average speed, and an 85th percentile speed of 36 mph. Glenn said that he will coordinate further about this with Sergeant Garabedian.

Glenn also acknowledged that a Ridge Road request was received to look at restricting parking on that street to one side of the road only. The application was submitted with a petition that seems to have good representation from the neighbors.

### **Traffic Calming Policy Changes for Upgrading the Safety of Street Crossings**

*David Coleman (TAC Chair)* — David Coleman asked for feedback from the TAC on some updates to this policy.

*Heather Barr (TAC)* — Heather Barr asked about how to prioritize things. She also said that funding is a big question that can limit many implementations. She said that we don't call out the costs in the policy, but that we should be aware of the costs and have estimates for how much typical projects cost.

*David Coleman (TAC Chair)* — David Coleman said that could come up with cost bases for common types of implementations. This could provide examples for crossing safety improvements, and their respective estimated costs.

*Ken Lind (TAC)* — Ken Lind responded that this could be a trigger to get onto the radar screen, then do a preliminary assessment of the costs later. He said we could clarify the process at the beginning, and could include some concepts that are suggested.

*Glenn Clancy (CD Director)* — Glenn Clancy said that we could outline the process we come up, which could include giving the resident(s) an opportunity to assess options that might be possible.

*Roy Epstein (Belmont Office of Select Board)* — Roy Epstein suggested borrowing traffic warrant analysis language to clarify the assessment. We could graft into the document the type of language used for a traffic warrant analysis, and then specify what criteria are used for addressing a traffic-safety concern.

*Glenn Clancy (CD Director)* — Glenn Clancy responded that this should directly relate to data on crashes, volume, and speeds, since those are the key issues. Then we could move towards an implementation to address what the specific safety problem is. He said, taking crosswalks as an example, there is a specific criteria about where a crosswalk can be located. If a crosswalk has already been determined to be sited correctly, the problem may be that drivers do not respect the crosswalk. Glenn said that coming up with how to address those situations is a key to improving them.

*David Coleman (TAC Chair)* — David Coleman said that there is a behavioral analysis to go through. We need quantitative analysis criteria that says something like in a 30-minute period where there are five separate attempts to cross the road, and it takes more than X vehicles to pass before a driver stops. Or in Y attempts, it takes more than 5 cars before someone stops for the person trying to cross the street. Two or three cars is reasonable, but beyond that this becomes a problem. He said that we also need to understand how this works at sparser crossings, not necessarily places where the crosswalks is constantly used by walkers.

*Jane Lappin (TAC)* — Jane Lappin said compliance could be improved through a community campaign to raise awareness that the crosswalks matter. She said it often helps to improve compliance by putting a non-punitive aspect that raises awareness about the problem.

*Ken Lind (TAC)* — Ken Lind agreed that is a good idea, and would be low-cost and mostly require only time and effort.

*Dan Eldridge (TAC)* — Dan Eldridge suggested seeing if other towns had adopted similar initiatives that Belmont might be able build from. He also asked about numbers of crosswalks in town.

*Ken Lind (TAC)* — Ken Lind asked how many complaints about this issue are usually received? He also said it would be better to focus on general educational outreach on this issue, versus focusing on a specific crosswalk or set of crosswalks. Ken Lind said this goes along with general policy, and that any problems and outcomes have be things we can measure directly.

*David Coleman (TAC Chair)* — David Coleman asked about follow-up on this for the next TAC meeting. He requested that we come up with workable policy for next meeting. He said that there should be a side message we are giving that shows the Town is thinking about this safety problem.

*Jane Lappin (TAC)* — Jane Lappin said there would need to be town-wide commitment to this. For example, it could be promoted town-wide through a traffic-safety awareness week.

*David Coleman (TAC Chair)* — David Coleman mentioned idea of having a “cyclovia” on a day, which is an event that closes the roads to automobile traffic to host a street fair, and allows people to bike and walk more freely. Such an event would allow Town residents and visitors to experience the town in a different, car-free way, and it could be an opportunity

for fostering more outdoor activities. It could be similar to how Memorial Drive is open exclusively to people biking, walking, etc. on weekends.

*Dan Eldridge (TAC)* — Dan Eldridge said that such an event would be a good idea, and could be coordinated with the Select Board.

*David Coleman (TAC Chair)* — David Coleman responded that we could promote this idea with them, and then work with various organizations in town to plan and further promote it.

### **Cross St. Traffic Calming Request**

*David Coleman (TAC Chair)* — David Coleman provided an overview and some background of this topic.

*John Dominy (Resident)* — John Dominy discussed access to school bus-stops in the Lake St. neighborhood near Rt. 2. He said that the crosswalk at Lake St. seems unsafe, and that the Cross St. and Brighton St. also have sidewalks crowded out by shrubs and bushes. John continued that Toby St. also has a problematic crosswalk. As a result of these conditions, school children have to first traverse Cross St. to reach the bus stops, and this is often difficult due to the high speeds of car traffic on the street.

*David Coleman (TAC Chair)* — David Coleman asked if anything specific has been identified as potential sources for the car crashes that were also documented there. He said he will ask Sergeant Garabedian about pulling up this information.

*John Dominy (Resident)* — John Dominy said the crash into his car was speed-based. He said that during evening and morning hours, cars move very fast. There are no traffic-calming measures on that end of the roadway.

*Glenn Clancy (CD Director)* — Glenn Clancy said there are limitations on where crosswalks can be, and that mid-block crossings are limited. He said that on Common St. near Bay State Road is an example of where it worked. However, there is a concern about safety on implementing these. He said there might still be an option to put something on that end closer to Lake St.

*David Coleman (TAC Chair)* — David Coleman said he would send around an example of crossings using physical barriers, to take away long stretches on unavailable crosswalks.

*Glenn Clancy (CD Director)* — Glenn Clancy said the right of way width there is 50', and this is 10' less width to work with versus the Cross St. section further south. Therefore, what is left is a shoulder. He said we could go to a parking lane on one side only of the road, to make safer for parking, so that the road has more consistent visibility to the sidewalks and crosswalks.

*David Coleman (TAC Chair)* — David Coleman said that he would aim to add this topic to the next meeting's agenda.

### **ADJOURNMENT**

Dan Eldridge motioned to adjourn tonight's meeting, and Ken Lind seconded the motion. All voted unanimously with this measure, and the meeting adjourned at 9:56p.

These minutes were respectfully submitted by Jeffrey Roth.

**Appendix 1-A: Photo of Potential Lighted Sign Option for Washington St. / Dalton Rd. / Sharpe Rd. Intersection**



Figure 1: Photo of Potential Lighted Sign Option for Washington St. / Dalton Rd. / Sharpe Rd. Intersection

**Appendix 1-B: Quotation for Potential Lighted Sign Option for Washington St. / Dalton Rd. / Sharpe Rd. Intersection**



*"For All Your Traffic Signal Needs"*  
980 Quaker Highway Uxbridge, MA 01569  
• PH (508) 278-0446 • FX (508) 278-0447  
Visit us on-line @  
[www.marlin-controls.com](http://www.marlin-controls.com)

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**To:** Dave Coleman

**From:** Shannon McNair

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**Company:** Belmont Transportation

**Pages:** 1

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**Phone:**

**Date:** November 28, 2022

[davycoleman@gmail.com](mailto:davycoleman@gmail.com)

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**Fax:**

**Re:** Solar Powered RRFB

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Marlin Controls New England thanks you for the opportunity to quote the following items. If you have any questions, please feel free to contact us.

Qty.	Description	Unit	Ext.
1 ea.	<b>Solar Powered ( RRFB ) Rectangular Rapid Flashing Beacon Pedestrian Crossing Signals C/O:</b> 2 ea. – 15' Aluminum Pedestals w/ Octagonal Base, Black 2 ea. – Bi-Directional RRFB Flashers w/ Pedestrian Confirmation LED 2 ea. – RRFB 20W Solar Engine w/ Batteries & Universal Mount 4 ea. – W11-2 - 30" Pedestrian Sign – Diamond Grade Fl. Yel./Green 2 ea. – W16-7p ® Diagonal Arrow Sign - 24" x 12" 2 ea. – W16-7p (L) Diagonal Arrow Sign - 24" x 12" 2 ea. – 9" x 12" Pedestrian Push Button Assy. - Black	\$ 6,850.00	\$ 6,850.00

Terms & Conditions:

The above prices are quoted Net F.O.B. shipping point with **FULL FREIGHT PREPAID & ALLOWED** to one destination. Terms are net thirty days, upon approval, and this quotation is guaranteed for 30 days. These terms and conditions supersede and override any vendee terms.

Thank you,

Shannon McNair

Project Manager

**Appendix 2-A: Town of Belmont School Street & Goden Street Neighborhood Traffic Calming Briefing: Neighborhood Meeting (2019-06-13)**

# Town of Belmont School Street & Goden Street Neighborhood Traffic Calming

## Neighborhood Meeting

June 13, 2019



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# Introduction

- Study Background
- Existing Conditions
- Safety and Mobility
- Recommendations



Children deserve safe places to walk and bike  
—starting with the trip to school.



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# Study Background



- Concentration of schools in study area
- High Volume of Cut-through vehicular traffic
- Potential increase in traffic from new High School & proposed Alexander Avenue pedestrian underpass





# Study Goals

- Improve safety and mobility for pedestrians and bicyclists
- Identify measures to mitigate cut-through traffic volumes,
- Develop traffic calming concept plans



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# Safe Routes to School Mission



- Enable and encourage children, including those with disabilities, to walk and bike to school;
- Make biking and walking to school safer and more appealing, thereby encouraging a healthy and active lifestyle;
- Facilitate the planning, development, and implementation of projects and activities that will improve safety and reduce traffic, fuel consumption, and air pollution in the vicinity of schools

• Source: Safe Routes to School  
[SafeRoutesPartnership.org](http://SafeRoutesPartnership.org)

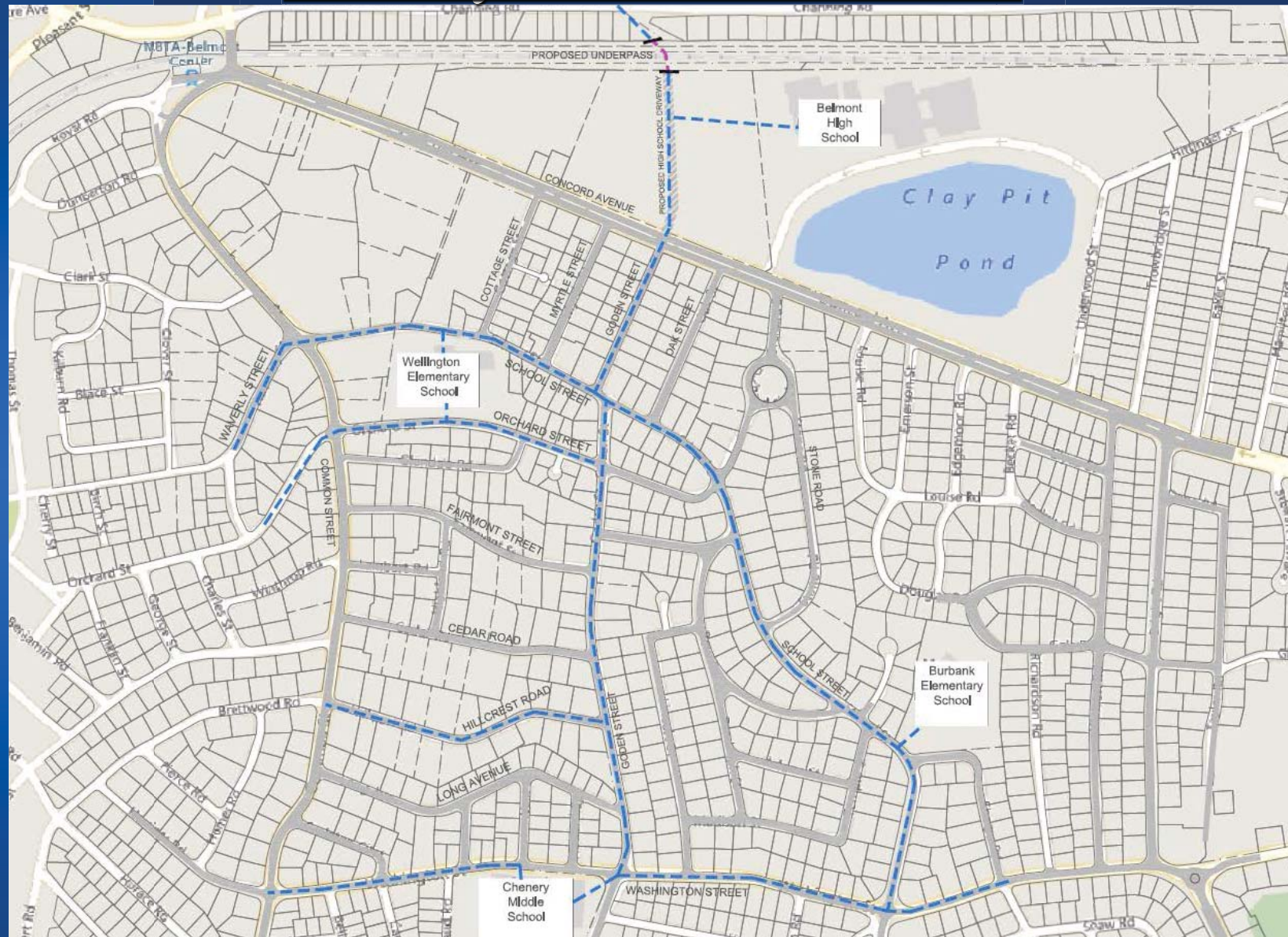


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# Primary Pedestrian Routes



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# Study Area



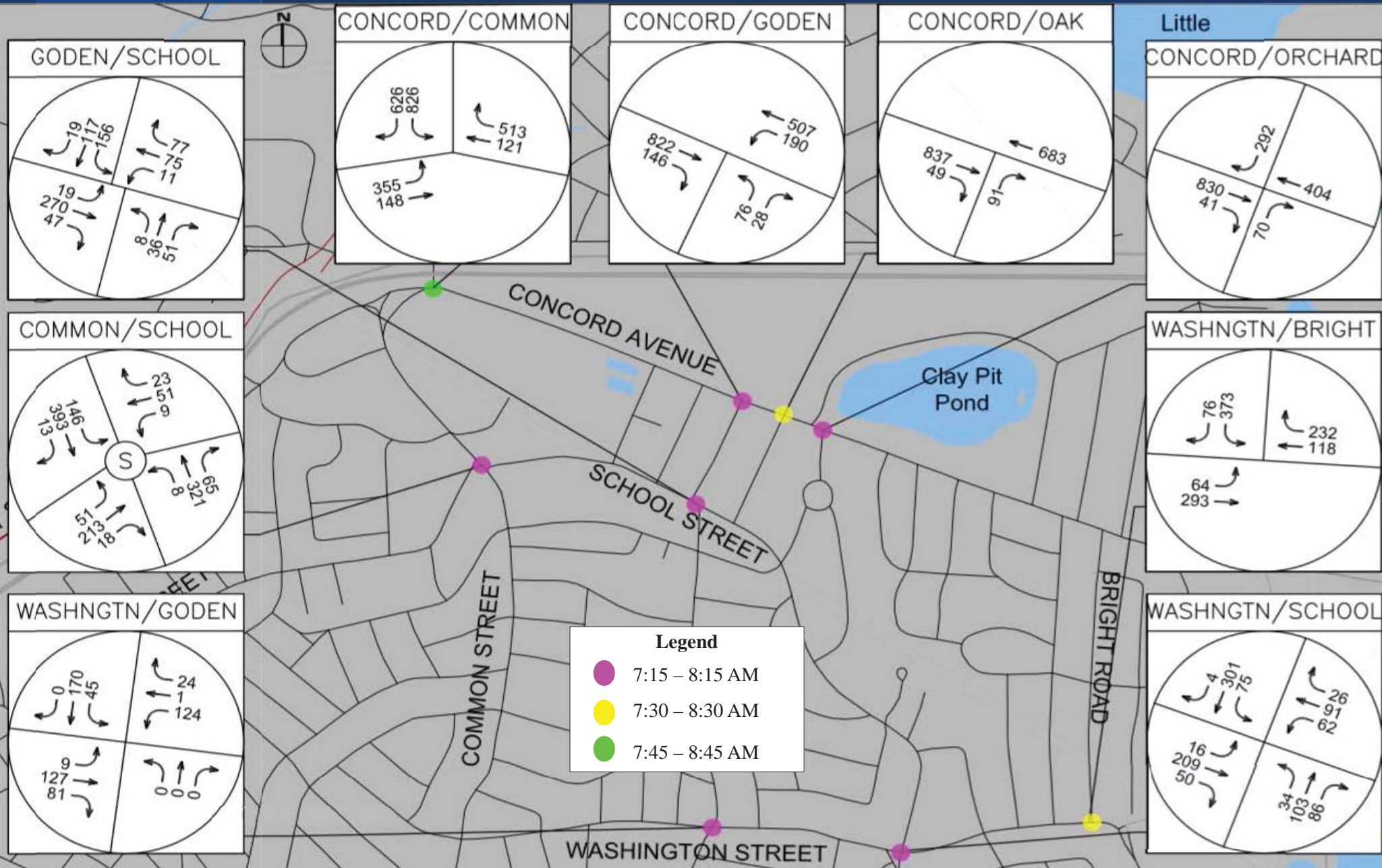
# Study Methodology

- Supplemental Traffic Data Collection
  - School Street at Goden Street
  - Concord Avenue at Oak Street
- Review of 2017 Sidewalk Inventory
- Field Visits
  - Roadway widths, sidewalk condition
  - Travel Time runs
- Identification of traffic calming elements
- Development of Concept Plans
- Preliminary Cost Estimates



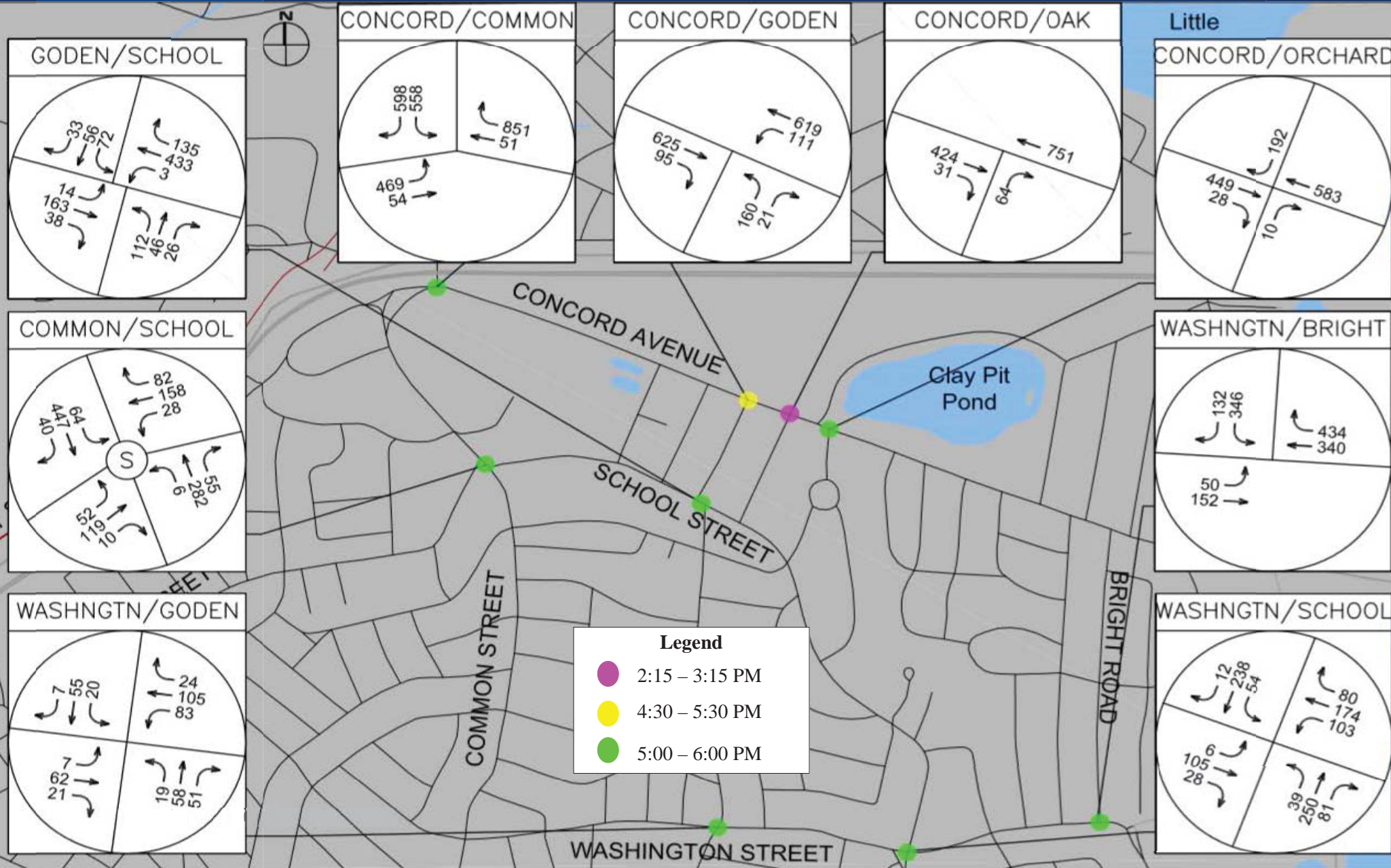


# AM Peak Hour Turning Volumes

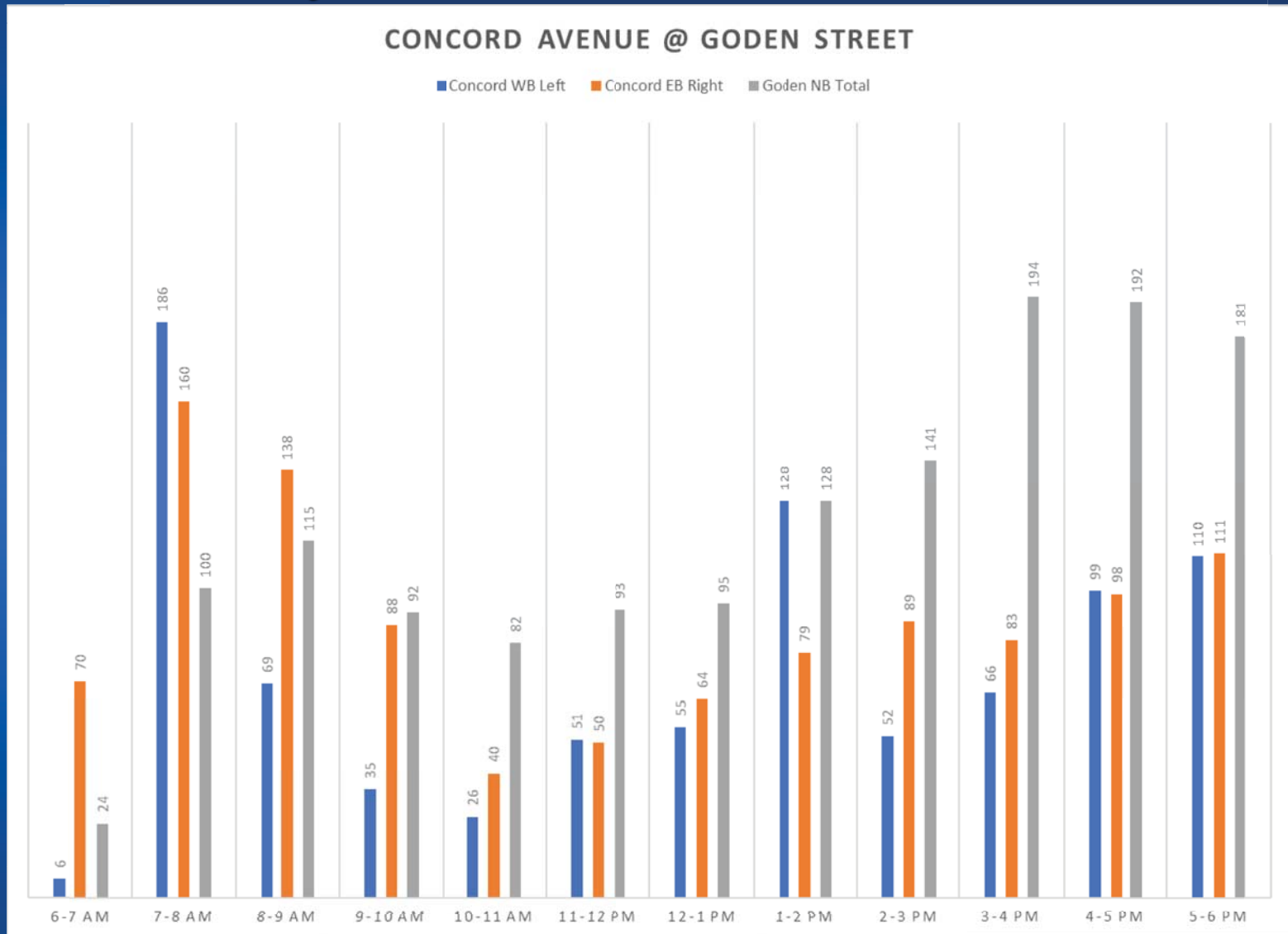




# PM Peak Hour Turning Volumes



# Hourly Traffic Volume Variation



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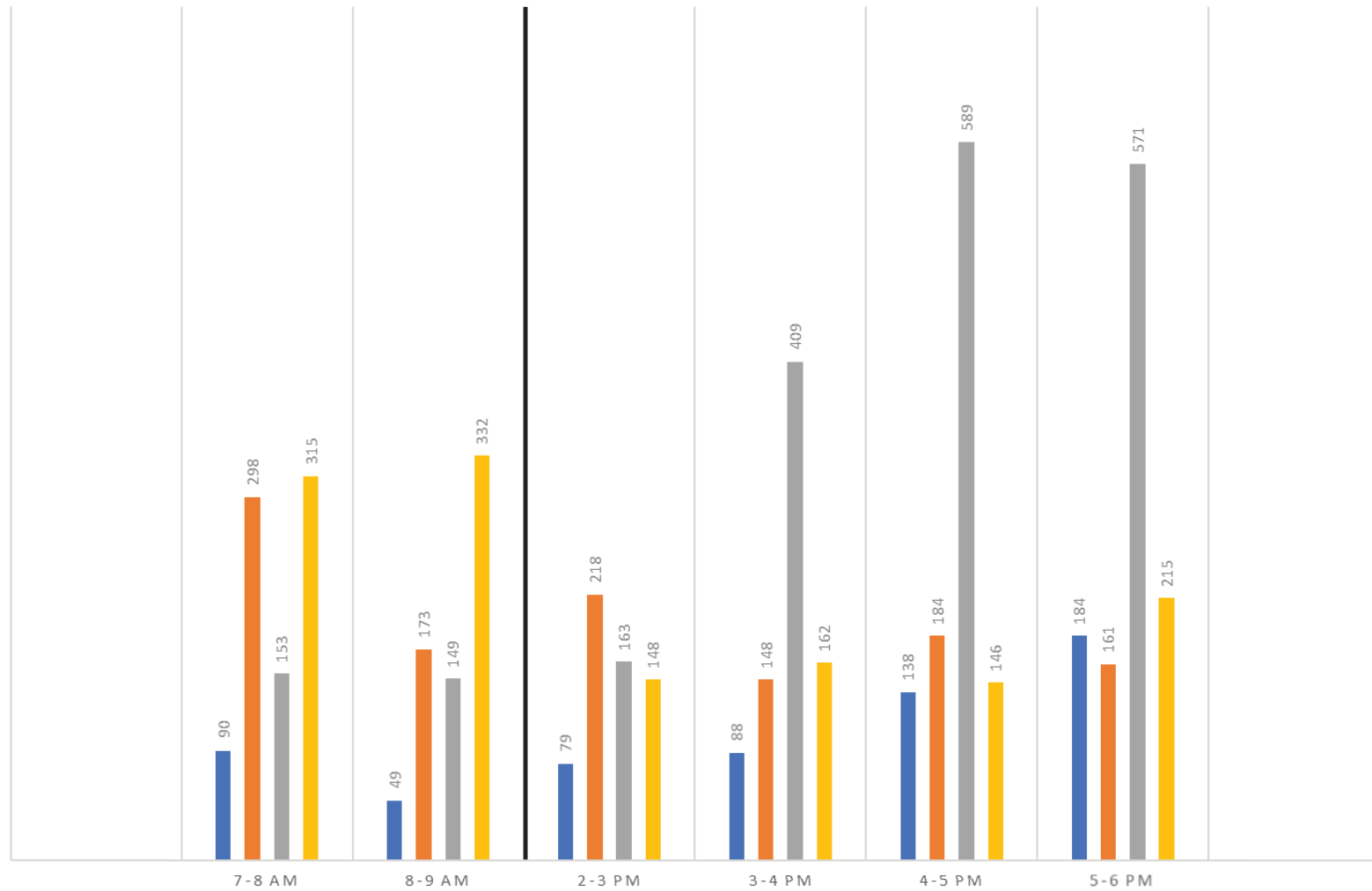


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# Hourly Traffic Volume Variation

## SCHOOL STREET @ GODEN STREET

■ Goden Street N ■ Goden Street S ■ School Street W ■ School Street E



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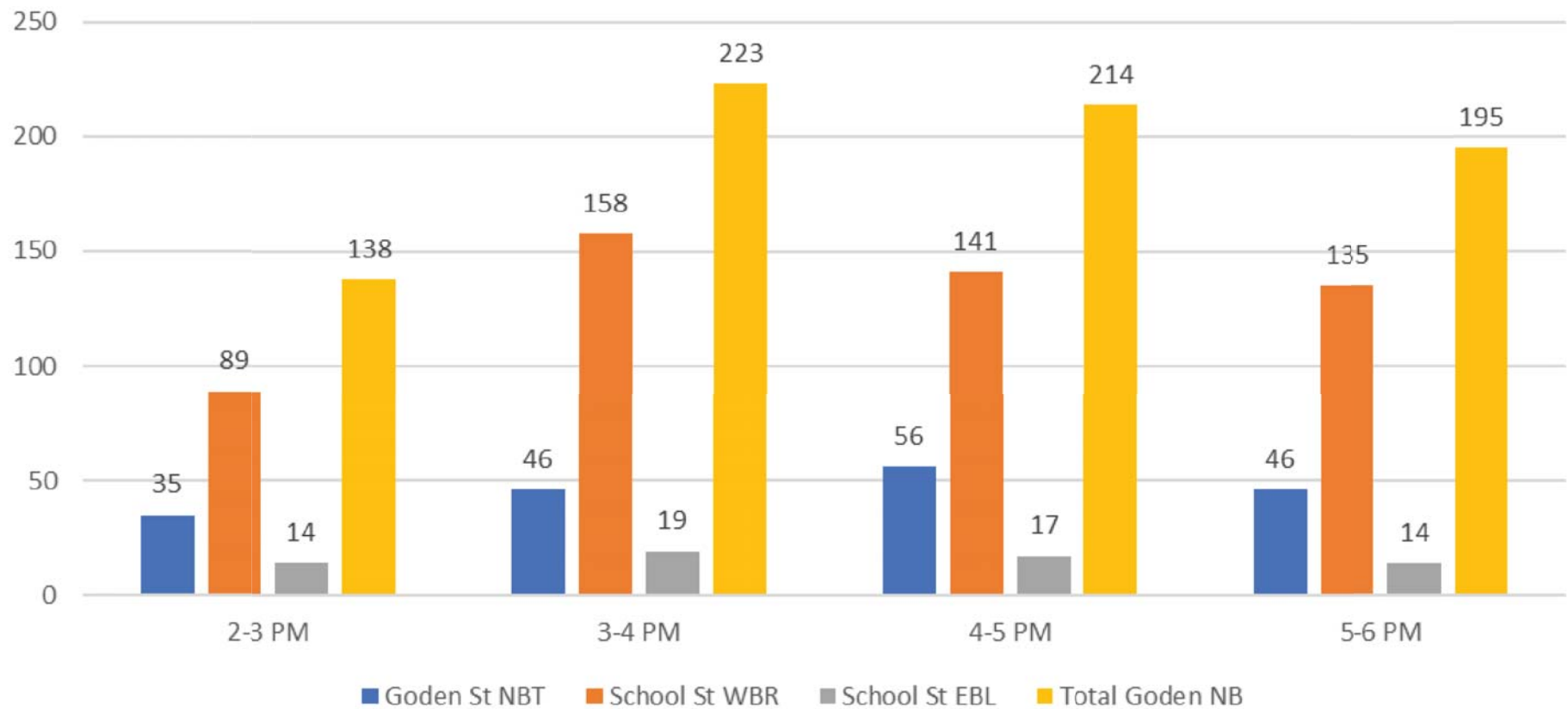


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# Hourly Traffic Volume Variation

School Street @ Goden Street  
PM Goden Street Northbound Traffic

(May 2019)



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# Hourly Traffic Volume Variation



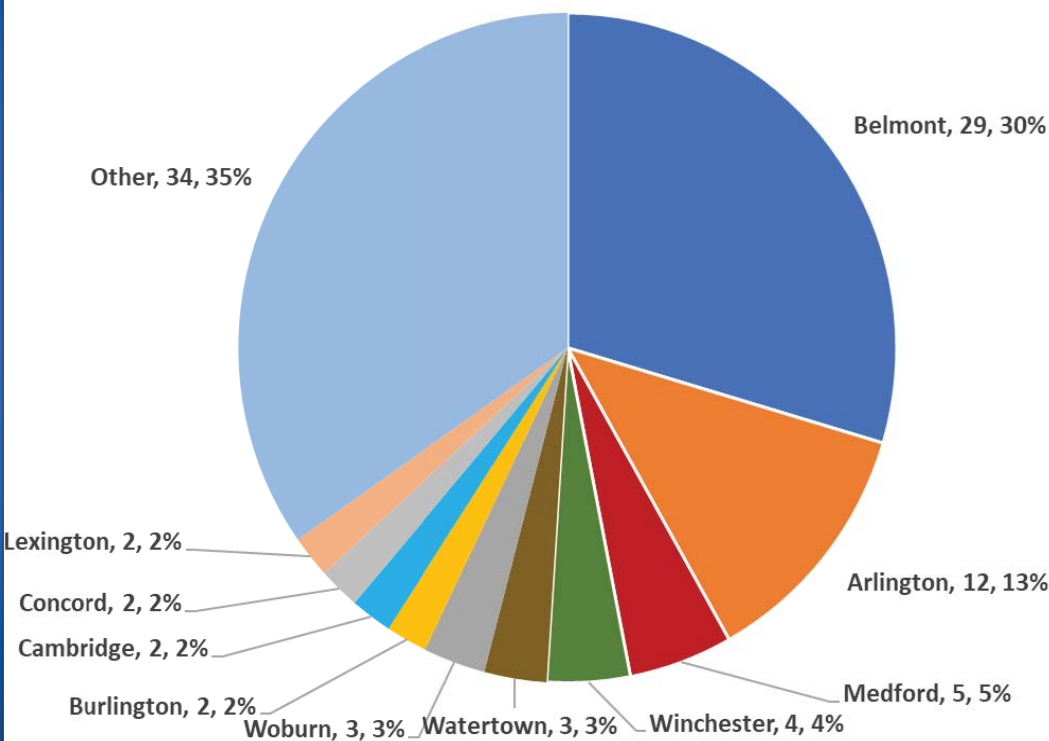
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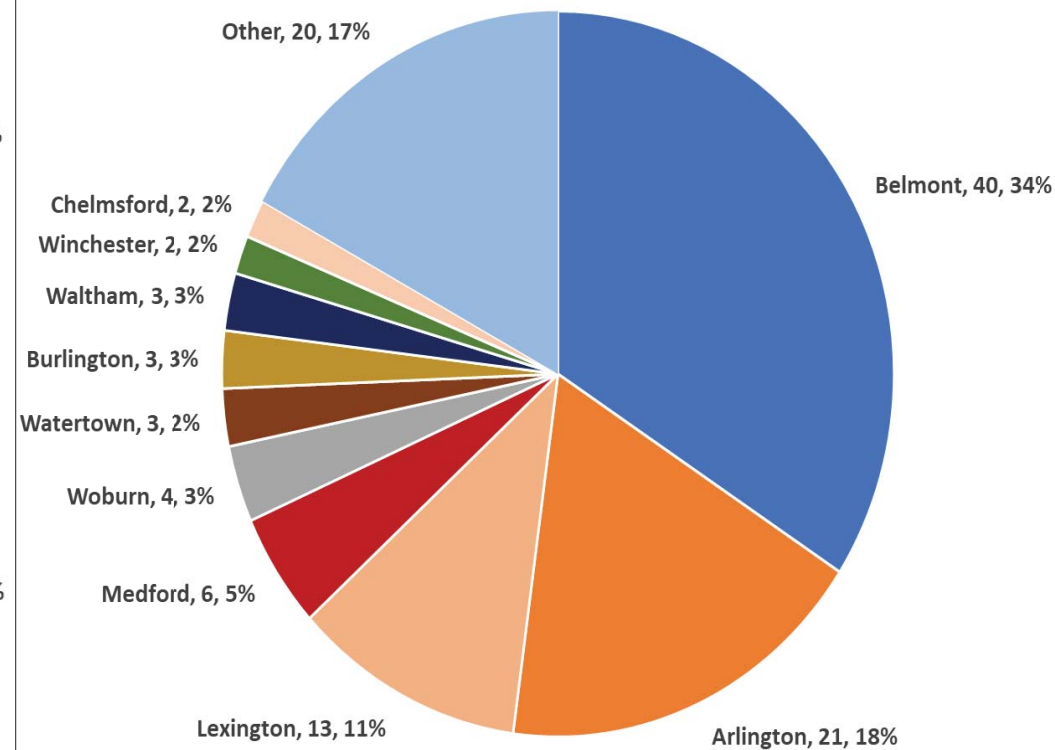
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# Lower Goden Street Cut-through Traffic

Goden Street (lower) AM; 8 - 8:30 SB Concord to School



Goden Street (lower) PM; 5 - 5:30 NB School to Concord



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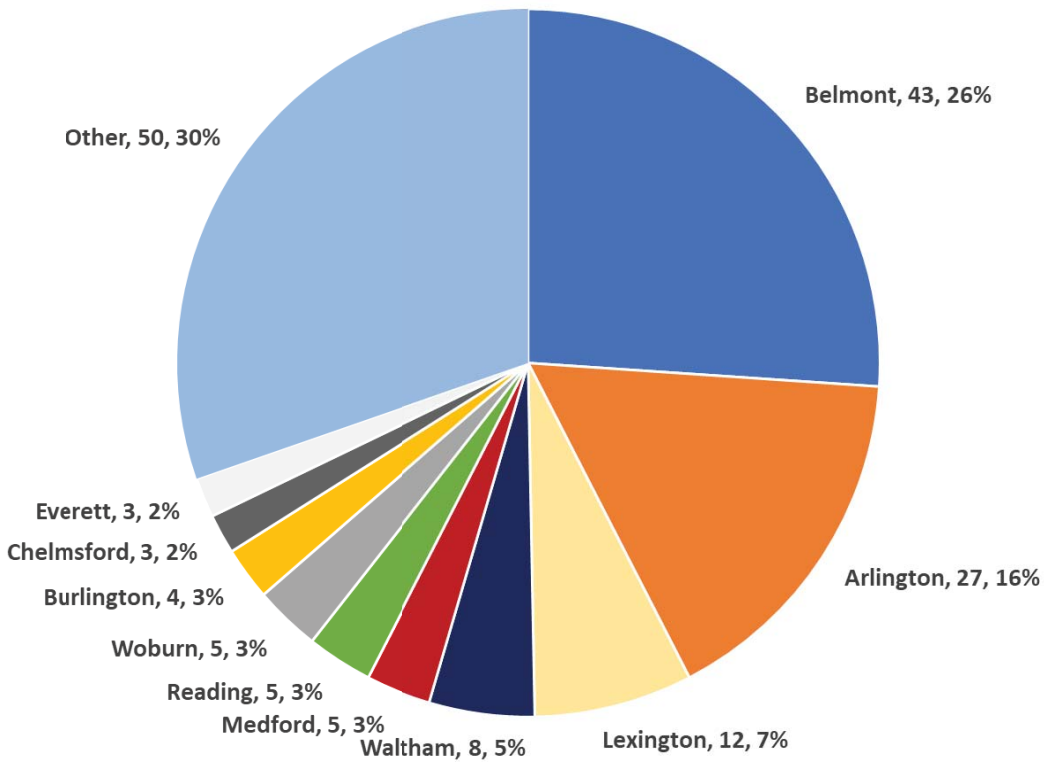


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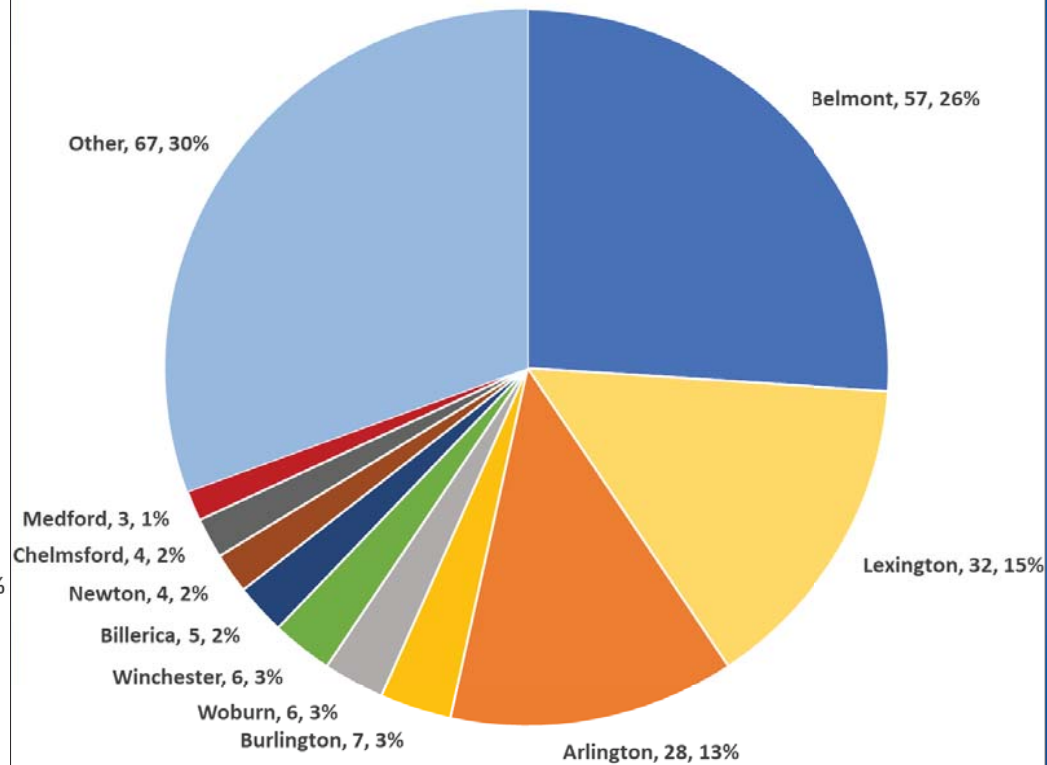


# School Street Cut-through Traffic

School Street AM; 8 - 8:30 SB Stone to Bow



School Street PM; 5 - 5:30 NB Bow to Stone

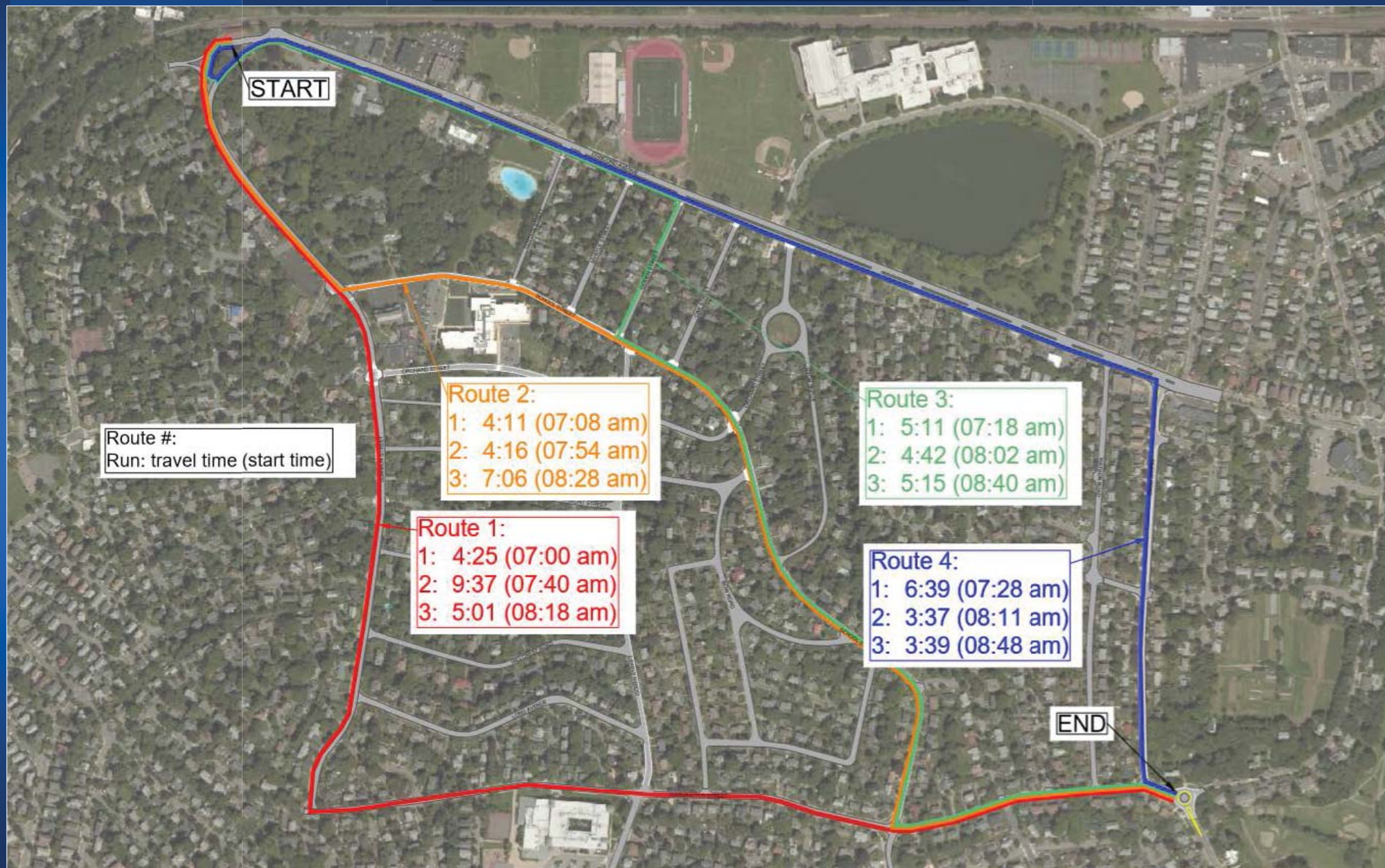


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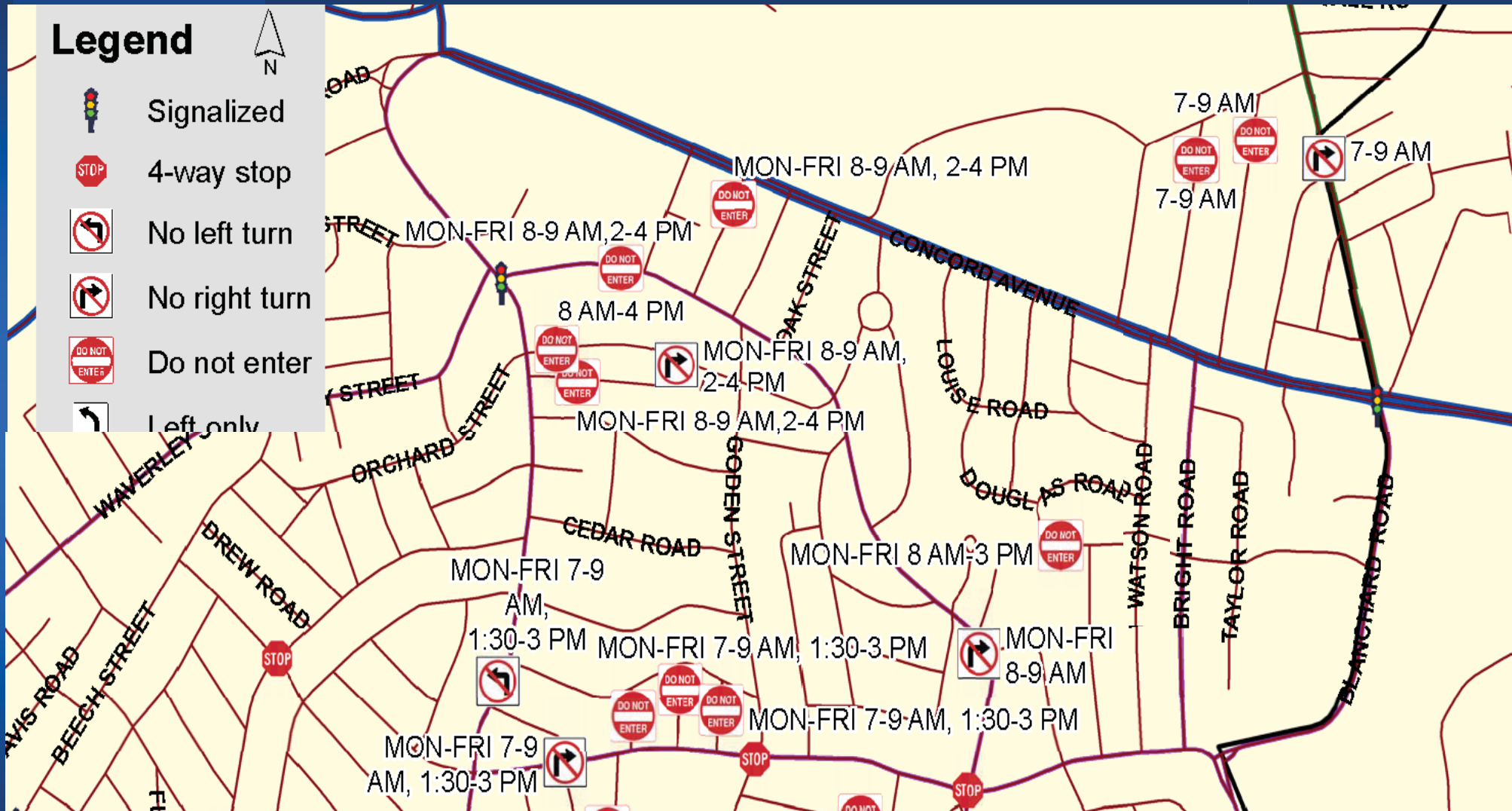
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# Travel Time Runs





# Existing Traffic Restrictions



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# Additional Traffic Restriction Considerations

- Concord Ave Eastbound AM right-turn restrictions
- School Street Westbound PM right-turn restrictions
- Conversion of Goden Street between School Street and Orchard Street into one-way southbound

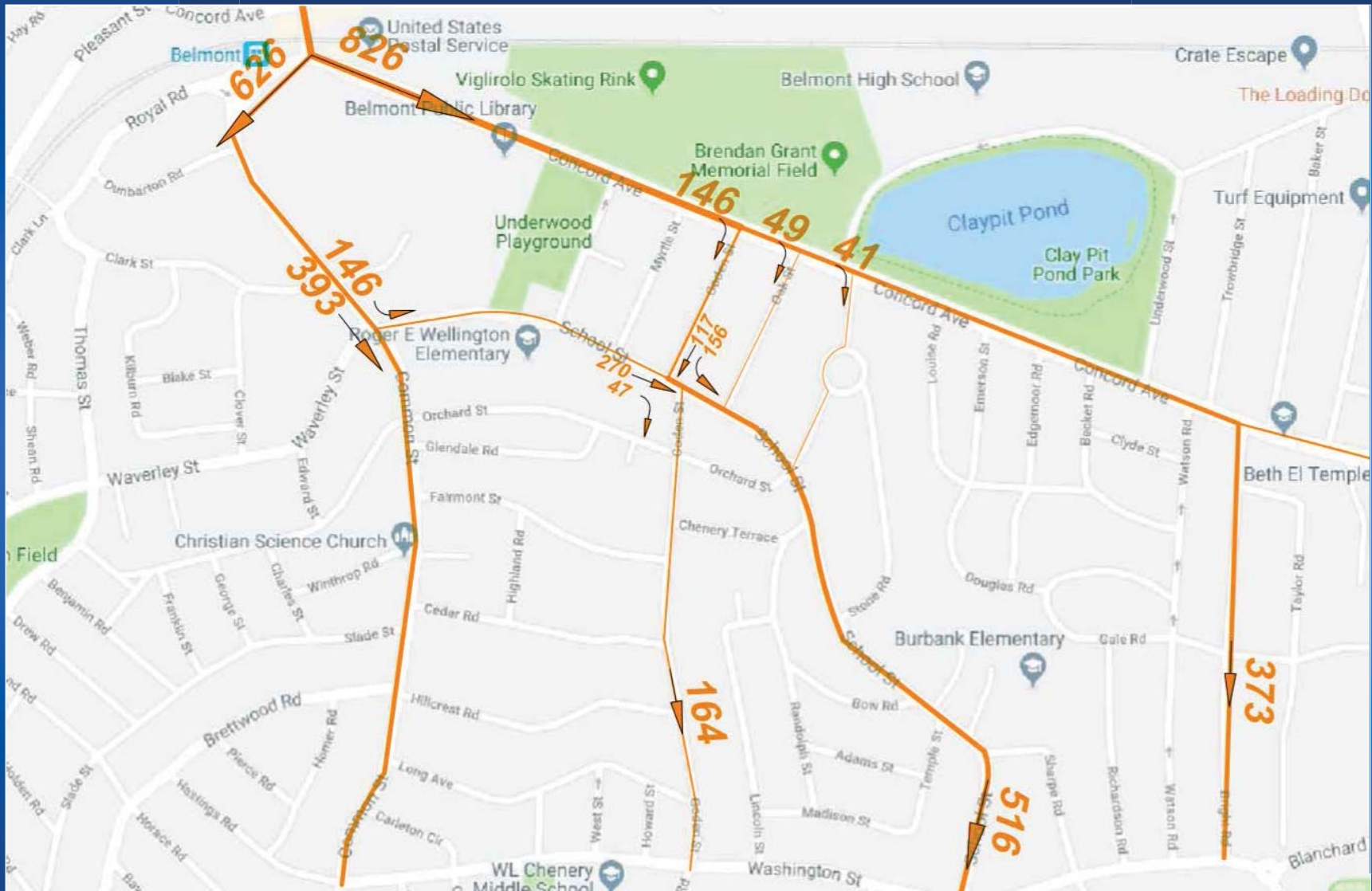


# Concord Ave Turn Restriction Considerations

- Concord Ave Eastbound right-turn restrictions
  - Myrtle Street (existing 8-9 AM, 2-4 PM)
  - Goden Street (7-9 AM)
  - Oak Street (7-9 AM)
  - Orchard Street (7-9 AM)
- Pros
  - Reduce commuter cut-through traffic
  - Direct more vehicles towards Bright Road
  - Reduce traffic at Goden Street & School Street intersection
- Cons
  - Possible traffic increases at Common Street & School Street
  - Would impact school-bound traffic from Concord Avenue



# AM Peak Hour Traffic Flow



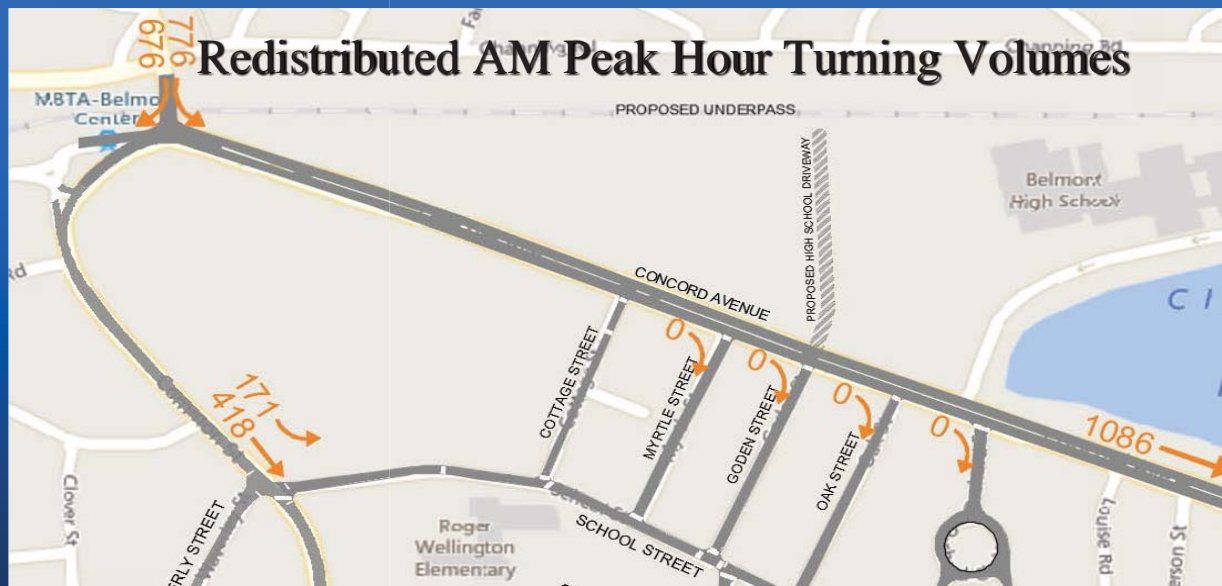
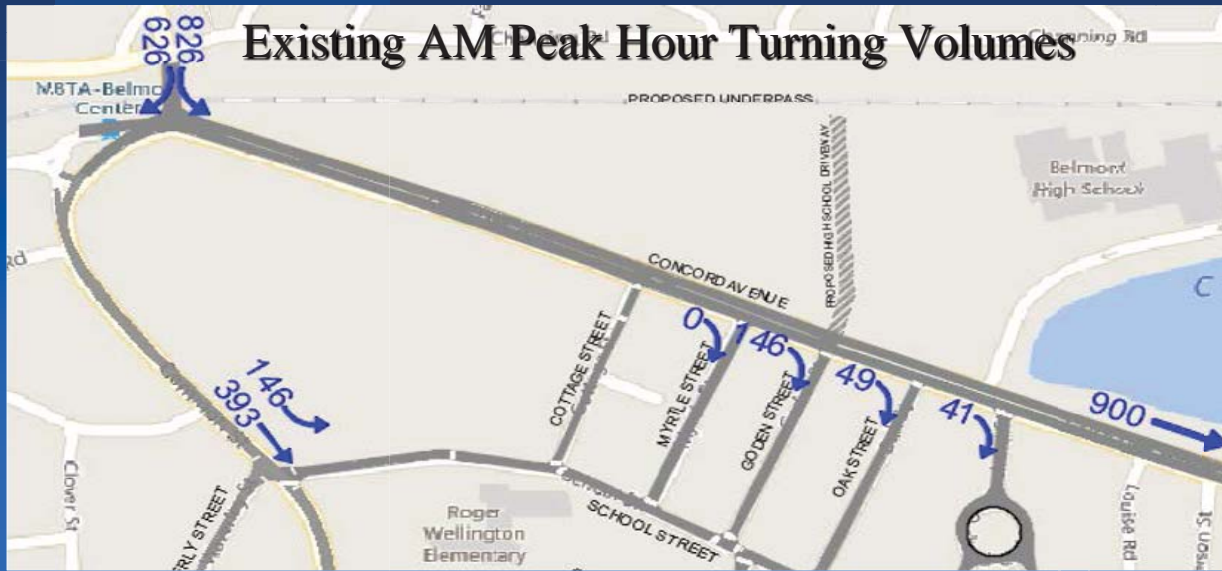
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# Concord Ave Turn Restrictions Considerations



- 236 total trips turning right onto Goden, Oak, Orchard during AM peak hour

- 20% redirected from Concord Ave to Common Ave (50 vehicles)

- 80% continue east on Concord Avenue towards Bright Street (186 vehicles)



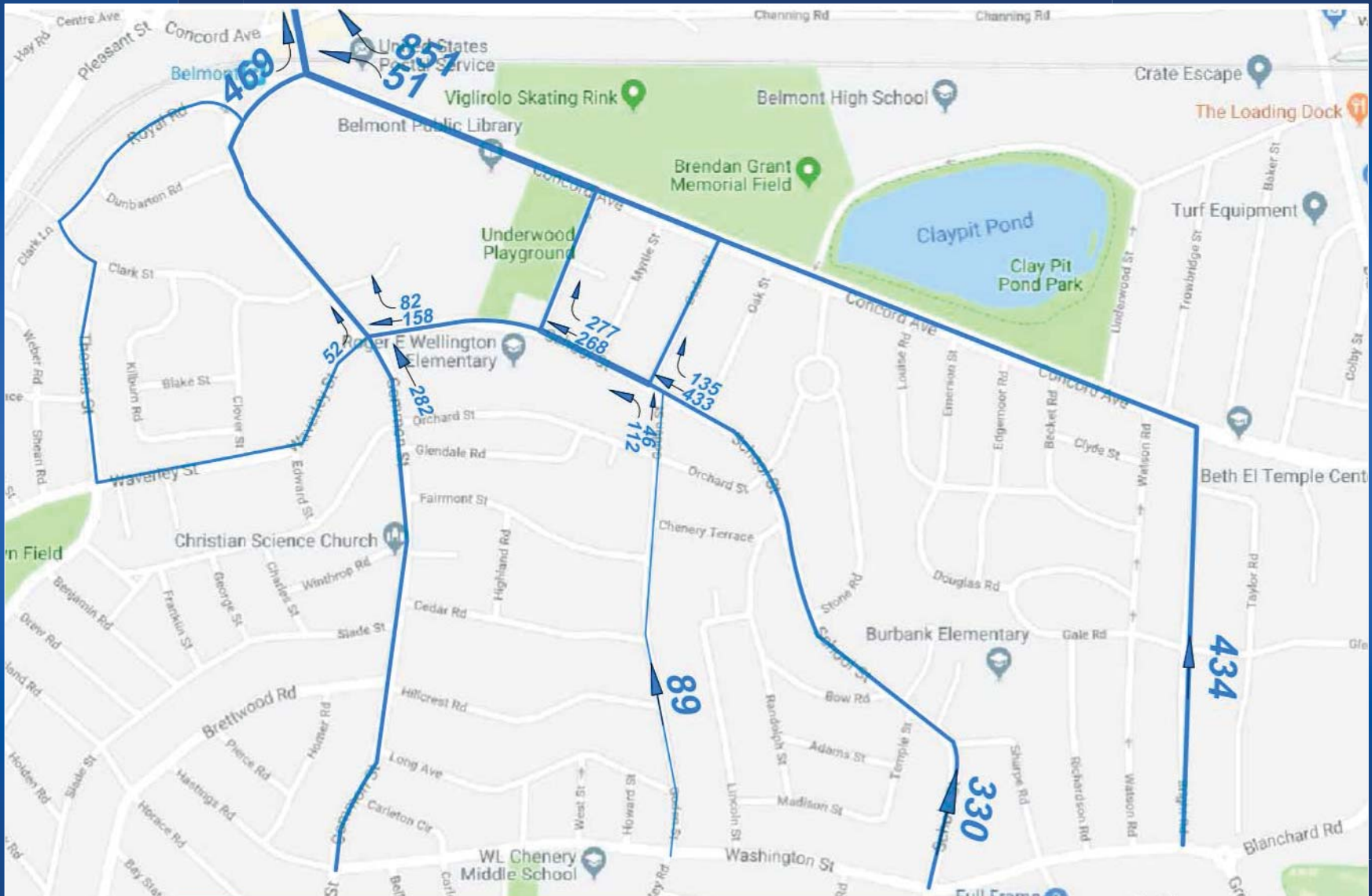
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# School Street PM Turn Restriction Considerations

- School St westbound right-turn restrictions
  - Goden Street (4-6 PM)
  - Cottage Street (4-6 PM)
- Pros
  - Reduce commuter cut-through traffic
- Cons
  - Possible traffic increases at Common Street & School Street
  - Redirect more traffic towards Waverley St/Thomas St/ Clark St/Royal Rd
  - Would impact high school-bound traffic from study area
  - Increase in U-turns on Concord Ave



# PM Peak Hour Traffic Flow



TOWN OF BELMONT

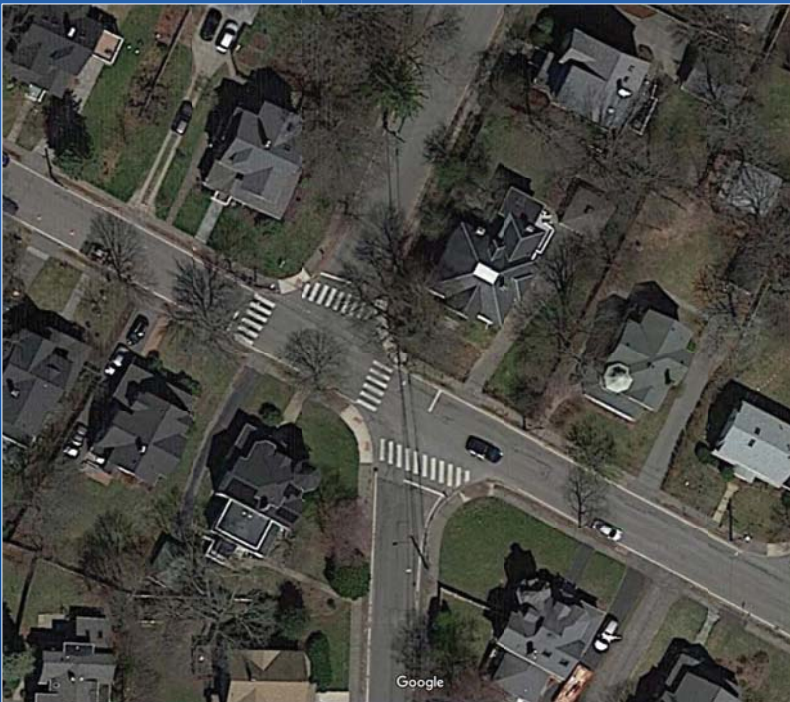


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# School St & Goden St Intersection

- Offset 4-way stop-controlled intersection
- Poor sightlines with limited visibility of opposing vehicles



- Heavy pedestrian route, especially by school children
- Difficult crossing with several conflicting vehicle movements

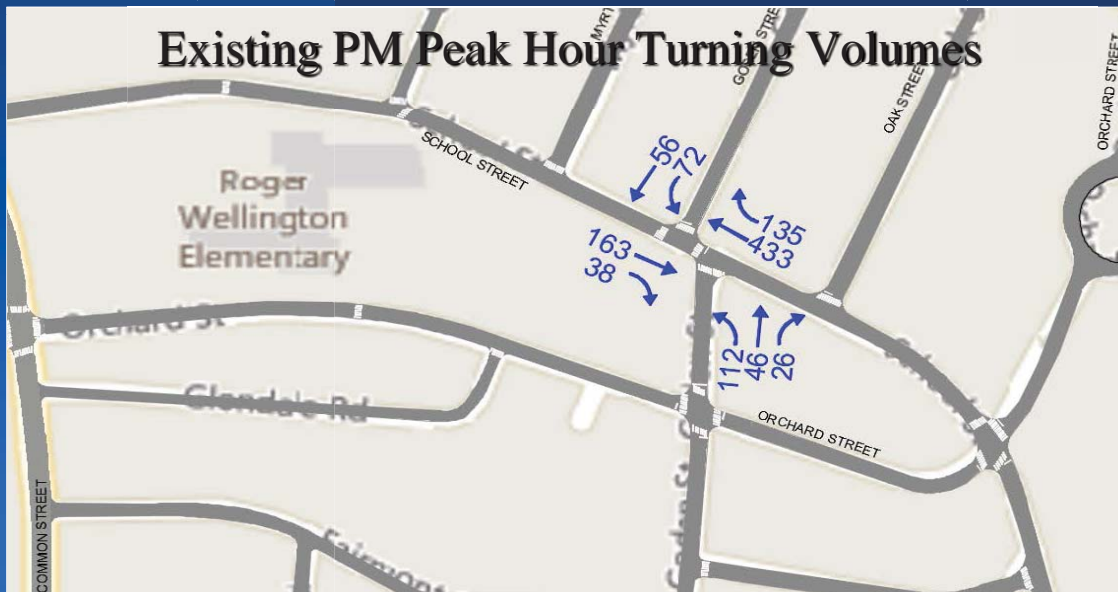


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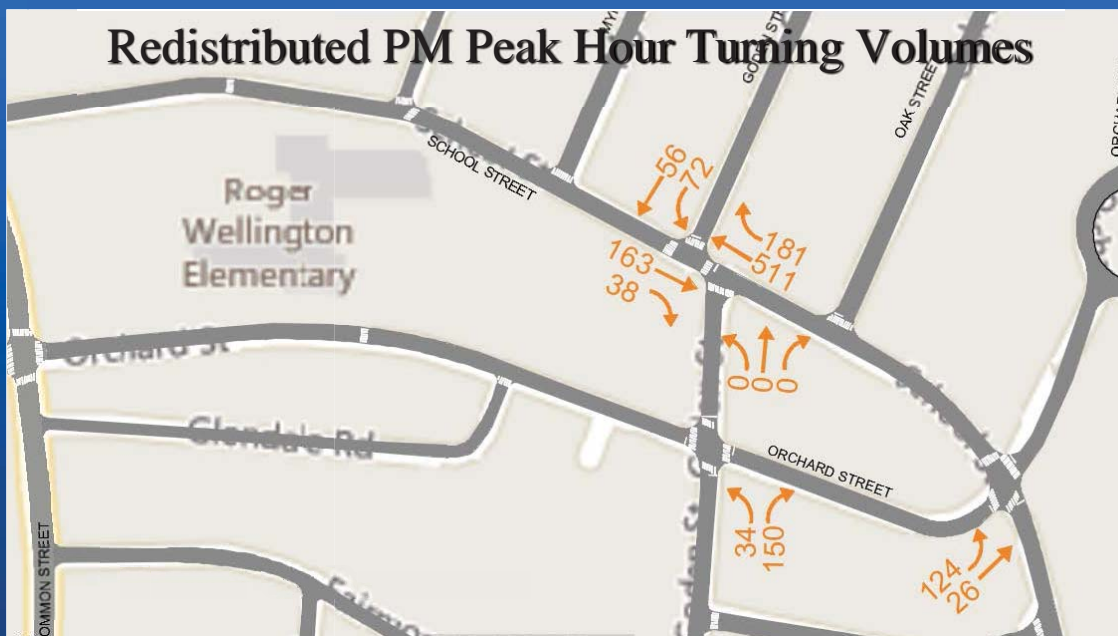


# Goden Street One-Way Southbound



- Vehicles would be prohibited from travelling north on Goden between School and Orchard

- Orchard Street traffic expected to increase as NB Goden Street traffic will turn left or right at Goden & Orchard intersection



- Estimated 70% of Goden Street NBL vehicles will turn right onto Orchard Street
- 30% will turn left onto Orchard Street

# Field Observations - Existing Sidewalk Condition

- Pedestrian access impacted by damaged/narrow sidewalks
- Tree roots major cause of sidewalk damage
- Lack of vertical granite curbing at some locations
- Long pedestrian crossing distances at intersections
- Drainage issues at handicap access ramps





# Lower Goden Street Sidewalk



TOWN OF BELMONT



BSC GROUP



## School Street at Goden Street



## Upper Goden Street Sidewalk



TOWN OF BELMONT



BSC GROUP



# School Street near Burbank Elementary



TOWN OF BELMONT





# Oak Street Sidewalk



TOWN OF BELMONT



BSC GROUP



# Myrtle Street Sidewalk



TOWN OF BELMONT



BSC GROUP



# School & Goden Intersection



TOWN OF BELMONT





# Orchard & Goden Intersection



TOWN OF BELMONT





## School & Bow (North)



## School & Bow (South)



TOWN OF BELMONT



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# Study Recommendations

- Reconstruct sidewalks & curb bump-outs
- Install vertical curbs and grass buffer strip
- Implement Concord Ave AM right turn restrictions
- Convert Goden St to one-way between School St and Orchard St
- Install speed humps, raised intersections, and speed feedback signs on School St & Goden St
- Paint double yellow center lines and bicycle sharrows





# Proposed Study Area Improvements

- Construct raised intersections at:
  - School Street at Goden Street
  - School Street at Orchard Street
  - Goden Street at Orchard Street
- Convert Goden Street to one-way southbound between School Street & Orchard Street
- All-way stop controls at each intersection
  - Install Stop Ahead signs prior to intersection approaches





# Goden & School & Orchard Intersection Concepts





# Proposed Study Area Improvements

- Install curb bump-outs at intersections to reduce crossing distance
- Install speed tables and speed feedback signs along Goden Street and School Street



TOWN OF BELMONT



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## Intersection and Sidewalk Improvements



- Reconstruct poor sidewalk and install vertical curbing where needed
- Install Rectangular Rapid Flashing Becons (RRFB's) at mid-block crosswalks
- Install double yellow centerlines on roadways in accordance with MUTCD standards



TOWN OF BELMONT

 BSC GROUP



# Bow Street Bump-out Concept





# Lower Goden Street Concept





# Upper Goden Street Concept

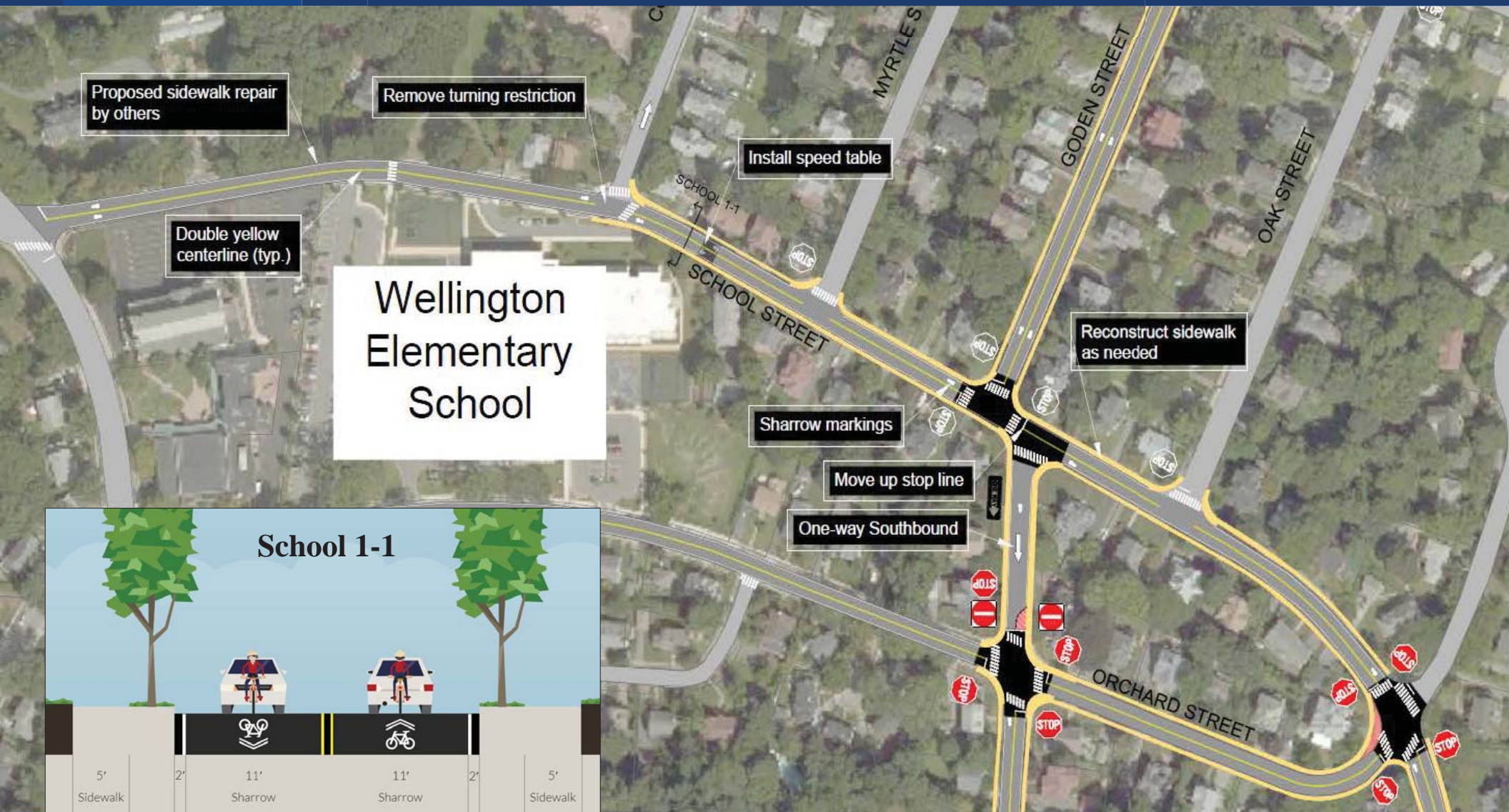


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# School Street Concepts



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 BSC GROUP



# School Street Concepts

School 2-2



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 BSC GROUP



# Suggested Project Phasing

- Implement trial circulation changes during summer months
  - Goden St one-way conversion
  - Concord Ave right turn restrictions
  - All-way stop signs
- Reconstruct sidewalks and curbs along major school walking routes



# Questions & Comments



TOWN OF BELMONT



# Thomas Street Parked Vehicles



TOWN OF BELMONT





# Roadway Functional Classification



TOWN OF BELMONT



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**Appendix 2-B: Goden Street Speed and Volume Data Analysis Summary (2022-11-30)**

Belmont Police Department  
Traffic Division  
460 Concord Ave.  
Belmont, MA 02478

SPEED DATA ANALYSIS

Location



Latitude: 38.861231  
Longitude: -95.741185

Analysis Time Period



Start	End
11/14/2022	11/22/2022
11:54 AM	11:20 AM

Vehicles Analyzed



24,501

Speed Limit



25

Average Speed



22

85th Percentile Speed



27

Slowest Speed



7

{0} {1} Pace Speed



20-29

99th Percentile Speed



33

Peak Time of Violations



11/15/2022  
8:54 AM



**Appendix 2-C: Goden Street Speed and Volume Report (2022-11-30)**

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Sunday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	2	1	1	0	1	0	0	0	0	0	0	0	5
1:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1
2:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	2
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 AM	1	1	0	0	0	0	0	0	0	0	0	0	0	2
6:00 AM	0	0	2	1	1	3	0	1	0	0	0	0	0	8
7:00 AM	1	2	2	8	2	2	3	2	1	1	0	0	0	24
8:00 AM	0	5	5	15	13	10	5	3	2	1	0	0	0	59
9:00 AM	6	11	8	30	10	11	5	2	3	1	0	0	0	87
10:00 AM	11	10	13	35	19	14	8	0	1	0	0	0	0	111
11:00 AM	12	24	22	50	15	8	7	2	4	0	0	0	0	144
12:00 PM	19	19	21	44	32	17	7	6	2	0	0	0	0	167
1:00 PM	23	15	37	54	22	22	11	4	3	0	0	0	2	193
2:00 PM	12	15	19	44	27	10	11	4	1	2	0	1	0	146
3:00 PM	11	17	19	44	22	19	10	2	3	0	0	0	0	147
4:00 PM	25	30	29	44	17	8	2	0	1	0	0	0	0	156
5:00 PM	35	16	25	37	15	6	4	0	2	0	0	0	0	140
6:00 PM	11	4	17	22	13	6	3	0	1	0	0	0	0	77
7:00 PM	3	10	8	9	9	4	4	0	2	0	0	0	0	49
8:00 PM	8	5	8	16	9	6	2	0	0	0	0	0	0	54
9:00 PM	4	4	4	7	5	3	0	1	0	0	0	0	1	29
10:00 PM	3	3	3	5	2	2	0	0	3	0	0	0	0	21
11:00 PM	2	0	0	1	0	0	0	0	0	0	0	0	0	3
Total	189	193	243	468	233	153	82	27	29	5	0	1	3	1,626



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Monday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	0	2	1	1	0	0	0	0	0	0	0	5
1:00 AM	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
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	1	0	0	0	1	0	0	0	0	0	0	2
5:00 AM	0	1	0	1	3	3	3	0	0	0	0	0	0	11
6:00 AM	5	5	11	21	11	5	7	6	0	0	0	0	0	71
7:00 AM	127	18	30	52	31	12	4	1	2	0	0	0	0	277
8:00 AM	86	32	58	85	47	23	13	3	3	0	0	0	0	350
9:00 AM	50	15	24	30	28	11	1	1	2	0	0	0	0	162
10:00 AM	12	10	14	44	15	15	9	5	4	1	1	0	2	132
11:00 AM	17	5	13	24	12	9	3	3	0	0	0	0	0	86
12:00 PM	17	12	26	34	14	16	6	4	2	0	0	0	0	131
1:00 PM	27	20	34	44	25	16	8	3	2	0	0	0	0	179
2:00 PM	116	34	42	57	26	16	11	4	2	0	0	0	0	308
3:00 PM	86	36	53	81	40	25	14	9	0	0	0	0	0	344
4:00 PM	82	50	56	76	40	26	6	2	2	0	0	0	0	340
5:00 PM	126	69	69	81	22	18	5	0	0	0	0	0	0	390
6:00 PM	90	42	38	54	17	7	2	0	0	0	0	0	0	250
7:00 PM	14	22	16	30	11	9	2	0	0	0	0	0	0	104
8:00 PM	26	20	20	28	10	6	2	0	0	0	0	0	0	112
9:00 PM	2	7	8	18	7	4	1	0	0	0	0	0	0	47
10:00 PM	2	2	4	5	1	4	1	0	0	0	0	0	0	19
11:00 PM	0	1	1	4	1	2	0	0	0	0	0	0	0	9
Total	886	402	518	772	362	228	99	41	19	1	1	0	2	3,331

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Tuesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	1	0	0	0	1	0	1	0	0	1	0	0	0	4
1:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5:00 AM	0	0	0	4	3	1	2	0	0	0	0	0	0	10
6:00 AM	2	2	6	17	8	8	8	3	1	0	0	0	0	55
7:00 AM	140	26	28	72	22	19	10	1	2	1	0	0	0	321
8:00 AM	33	24	38	83	39	22	20	9	4	1	0	0	0	273
9:00 AM	35	24	21	46	22	12	10	2	2	0	0	0	0	174
10:00 AM	71	14	14	30	12	11	6	4	1	0	0	0	1	164
11:00 AM	78	6	5	9	1	0	2	0	0	0	0	0	0	101
12:00 PM	134	6	6	2	0	0	0	0	1	0	0	0	0	149
1:00 PM	167	13	3	4	0	1	1	0	0	0	0	0	0	189
2:00 PM	267	19	12	5	0	1	0	0	0	0	0	0	0	304
3:00 PM	328	22	5	3	2	1	0	0	0	0	0	0	0	361
4:00 PM	251	32	17	11	6	5	1	0	0	0	0	0	0	323
5:00 PM	88	55	55	68	24	10	6	2	0	1	0	0	0	309
6:00 PM	66	44	38	46	22	9	4	2	2	1	1	0	0	235
7:00 PM	29	15	28	41	20	9	4	1	0	0	0	0	0	147
8:00 PM	19	10	24	26	11	9	1	0	0	0	0	0	0	100
9:00 PM	16	24	13	19	9	4	5	2	0	0	0	0	0	92
10:00 PM	6	2	5	5	2	1	2	1	0	0	0	0	0	24
11:00 PM	1	0	1	2	0	1	0	0	0	0	0	0	0	5
Total	1,732	338	319	494	205	124	83	27	13	5	1	0	1	3,342



**Belmont Police Department**  
**Traffic Division**  
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**Belmont, MA 02478**

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End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Wednesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	2
1:00 AM	1	0	2	0	0	0	0	0	0	0	0	0	0	3
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	2
5:00 AM	5	0	2	5	0	0	0	0	0	0	0	0	0	12
6:00 AM	13	10	9	13	9	2	3	2	0	0	0	0	0	61
7:00 AM	156	25	32	44	27	5	3	0	0	0	0	0	0	292
8:00 AM	52	19	36	68	34	19	14	4	3	0	0	0	0	249
9:00 AM	22	20	16	29	20	16	5	2	1	0	0	0	0	131
10:00 AM	11	11	18	25	21	10	5	0	1	0	0	0	0	102
11:00 AM	25	11	21	37	16	7	3	3	1	0	2	0	0	126
12:00 PM	35	20	21	45	18	13	5	4	1	1	0	0	0	163
1:00 PM	126	37	31	42	22	6	5	1	1	0	0	0	0	271
2:00 PM	99	28	26	48	18	14	1	0	2	0	0	1	0	237
3:00 PM	70	38	43	59	26	8	8	2	1	0	0	0	0	255
4:00 PM	53	29	46	89	23	29	10	1	3	0	0	0	0	283
5:00 PM	80	61	57	87	23	7	7	1	2	0	0	0	1	326
6:00 PM	38	34	51	61	26	15	4	4	2	0	0	0	0	235
7:00 PM	24	25	28	56	13	13	6	1	2	0	0	0	0	168
8:00 PM	7	13	12	33	8	5	3	1	0	1	0	0	0	83
9:00 PM	3	15	12	14	6	4	4	5	1	0	0	0	0	64
10:00 PM	1	2	4	2	1	5	2	0	1	0	0	0	0	18
11:00 PM	0	1	0	2	1	1	2	0	0	0	0	0	0	7
Total	823	400	467	761	312	179	90	31	22	2	2	1	1	3,091

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

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Longitude: -95.741185

File Name: Goden Street  
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Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Thursday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	1	0	0	1	0	0	0	1	0	0	0	3
1:00 AM	0	1	2	1	1	0	0	0	0	0	0	0	0	5
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	2
4:00 AM	1	1	0	1	1	0	0	0	0	0	0	0	0	4
5:00 AM	0	2	3	3	2	1	0	1	0	0	0	0	0	12
6:00 AM	7	5	2	16	14	9	6	4	1	0	0	0	0	64
7:00 AM	122	29	37	62	31	14	12	7	1	0	1	0	0	316
8:00 AM	40	25	33	85	36	19	22	9	2	0	1	0	0	272
9:00 AM	38	27	18	38	12	15	5	1	0	0	0	0	0	154
10:00 AM	31	19	20	40	5	5	3	0	0	0	0	0	0	123
11:00 AM	62	22	14	26	13	4	3	2	0	0	0	0	0	146
12:00 PM	57	22	26	37	9	10	3	0	1	0	0	0	0	165
1:00 PM	77	26	26	35	9	7	1	1	0	0	0	0	0	182
2:00 PM	201	46	38	44	14	4	5	2	0	0	0	0	1	355
3:00 PM	201	85	73	51	8	4	3	1	0	0	0	0	0	426
4:00 PM	215	69	54	41	15	5	2	0	0	0	0	0	0	401
5:00 PM	229	70	35	49	9	1	3	2	0	0	0	0	0	398
6:00 PM	114	55	52	48	16	4	0	1	1	0	0	0	0	291
7:00 PM	51	31	29	39	15	3	1	1	1	0	0	0	0	171
8:00 PM	27	17	22	25	6	4	5	1	2	1	0	0	0	110
9:00 PM	21	24	29	32	19	7	2	0	0	0	0	0	0	134
10:00 PM	2	4	3	6	4	2	2	1	0	0	0	0	0	24
11:00 PM	1	1	0	2	1	1	3	0	0	0	0	0	0	9
Total	1,498	581	517	681	241	120	81	34	9	2	2	0	1	3,767



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
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File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Friday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	1	0	0	0	0	0	0	1	0	0	2
1:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2
3:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	2
4:00 AM	0	0	1	2	0	2	0	0	0	0	0	0	0	5
5:00 AM	0	0	2	1	1	2	2	0	0	0	0	0	0	8
6:00 AM	2	4	8	10	13	9	6	5	0	1	0	0	0	58
7:00 AM	124	37	37	61	33	20	11	3	3	1	0	0	0	330
8:00 AM	54	25	30	65	40	23	19	3	0	0	0	0	0	259
9:00 AM	44	27	26	48	18	10	4	2	1	0	0	0	0	180
10:00 AM	44	26	26	44	11	16	3	1	2	0	0	0	0	173
11:00 AM	48	15	29	39	21	8	2	0	0	0	0	0	0	162
12:00 PM	45	27	19	41	15	10	4	1	0	0	0	0	0	162
1:00 PM	185	20	16	6	0	0	0	0	0	0	0	0	0	227
2:00 PM	215	32	27	10	4	0	1	0	0	0	0	0	0	289
3:00 PM	250	44	26	26	5	5	3	0	1	0	0	0	0	360
4:00 PM	106	57	50	63	23	14	6	3	1	0	0	0	0	323
5:00 PM	113	59	53	60	24	7	6	1	1	0	0	0	0	324
6:00 PM	51	33	41	63	23	12	2	2	2	0	0	0	0	229
7:00 PM	19	19	23	38	15	8	8	0	2	0	0	0	0	132
8:00 PM	8	9	8	22	12	10	4	5	2	0	0	0	0	80
9:00 PM	15	20	16	24	10	6	7	1	0	1	0	0	0	100
10:00 PM	1	6	10	15	11	8	5	4	0	0	0	0	0	60
11:00 PM	1	3	9	9	1	4	3	1	0	0	0	0	0	31
Total	1,326	463	458	650	281	174	96	32	15	3	1	0	0	3,499

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

Combined - Saturday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	4	4	2	1	1	2	0	0	0	0	0	15
1:00 AM	0	1	1	0	1	0	0	1	0	0	0	0	0	4
2:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3:00 AM	1	1	1	0	0	0	1	0	0	0	0	0	0	4
4:00 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:00 AM	0	2	2	1	1	0	0	0	2	0	0	0	0	8
6:00 AM	1	2	2	6	0	4	0	0	0	0	0	0	0	15
7:00 AM	1	3	2	15	16	7	7	5	0	0	0	0	0	56
8:00 AM	9	7	9	24	16	13	4	3	0	1	0	0	0	86
9:00 AM	17	15	28	41	29	12	8	2	3	1	0	0	1	157
10:00 AM	38	26	30	60	23	14	7	2	0	0	0	0	0	200
11:00 AM	106	34	26	30	7	8	1	1	0	0	0	0	1	214
12:00 PM	96	30	33	29	5	3	0	0	0	0	0	0	0	196
1:00 PM	101	33	31	23	12	2	2	0	0	0	0	0	0	204
2:00 PM	122	34	19	15	6	2	0	0	0	0	1	0	0	199
3:00 PM	71	30	30	34	23	13	2	0	0	0	0	1	0	204
4:00 PM	95	35	31	35	10	3	1	0	2	0	0	0	0	212
5:00 PM	59	31	30	38	7	9	2	3	0	0	0	0	0	179
6:00 PM	30	16	24	29	8	5	1	0	0	0	0	0	0	113
7:00 PM	19	11	16	16	9	2	3	0	2	0	0	0	0	78
8:00 PM	17	16	16	13	3	6	0	0	1	0	0	0	0	72
9:00 PM	17	10	18	22	5	6	3	0	1	0	0	0	0	82
10:00 PM	5	7	4	12	4	5	4	1	0	0	0	0	0	42
11:00 PM	3	4	2	5	8	0	1	0	0	0	0	0	0	23
Total	808	349	361	452	195	116	48	20	11	2	1	1	2	2,366

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Sunday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	2
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	2
3:00 AM	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
5:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
6:00 AM	0	0	1	1	0	2	0	0	0	0	0	0	0	4
7:00 AM	0	1	1	2	0	0	0	1	0	1	0	0	0	6
8:00 AM	0	1	3	5	6	2	2	2	1	1	0	0	0	23
9:00 AM	4	6	5	14	5	3	4	1	1	1	0	0	0	44
10:00 AM	2	6	4	15	8	7	3	0	0	0	0	0	0	45
11:00 AM	6	8	12	23	9	5	5	0	4	0	0	0	0	72
12:00 PM	11	13	10	24	16	7	3	3	2	0	0	0	0	89
1:00 PM	12	10	18	25	8	12	4	2	1	0	0	0	1	93
2:00 PM	3	8	9	20	11	2	7	3	0	2	0	1	0	66
3:00 PM	6	7	8	20	12	12	4	1	2	0	0	0	0	72
4:00 PM	6	20	14	24	14	5	0	0	1	0	0	0	0	84
5:00 PM	15	9	14	22	11	6	3	0	2	0	0	0	0	82
6:00 PM	5	3	11	15	9	5	3	0	0	0	0	0	0	51
7:00 PM	2	6	7	4	6	3	3	0	1	0	0	0	0	32
8:00 PM	5	4	7	11	6	4	1	0	0	0	0	0	0	38
9:00 PM	3	2	2	2	3	1	0	1	0	0	0	0	0	14
10:00 PM	1	3	2	5	1	1	0	0	1	0	0	0	0	14
11:00 PM	2	0	0	1	0	0	0	0	0	0	0	0	0	3
Total	85	107	128	235	125	78	42	14	16	5	0	1	1	837



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Monday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	0	0	1	0	0	0	1	0	0	0	0	0	0	2
5:00 AM	0	0	0	1	1	1	2	0	0	0	0	0	0	5
6:00 AM	3	2	7	15	8	4	6	4	0	0	0	0	0	49
7:00 AM	33	11	21	27	17	8	3	1	2	0	0	0	0	123
8:00 AM	40	15	31	49	28	16	9	2	2	0	0	0	0	192
9:00 AM	37	5	16	18	13	4	0	1	0	0	0	0	0	94
10:00 AM	12	7	6	20	8	5	1	0	1	0	0	0	0	60
11:00 AM	10	3	5	12	6	5	2	0	0	0	0	0	0	43
12:00 PM	11	6	11	13	4	8	2	2	1	0	0	0	0	58
1:00 PM	12	10	18	22	12	6	5	2	1	0	0	0	0	88
2:00 PM	58	16	22	24	12	7	6	2	1	0	0	0	0	148
3:00 PM	44	14	20	32	14	9	5	3	0	0	0	0	0	141
4:00 PM	41	19	18	26	10	7	0	0	0	0	0	0	0	121
5:00 PM	63	20	20	19	4	3	0	0	0	0	0	0	0	129
6:00 PM	49	16	15	22	8	3	0	0	0	0	0	0	0	113
7:00 PM	7	17	8	17	5	4	0	0	0	0	0	0	0	58
8:00 PM	19	12	14	15	6	3	2	0	0	0	0	0	0	71
9:00 PM	1	6	6	14	4	4	0	0	0	0	0	0	0	35
10:00 PM	1	2	1	2	0	1	0	0	0	0	0	0	0	7
11:00 PM	0	1	1	4	0	0	0	0	0	0	0	0	0	6
Total	441	182	241	353	161	98	44	17	8	0	0	0	0	1,545

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Tuesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1
1:00 AM	0	0	0	0	1	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	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
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	0	1	2	10	7	6	6	2	0	0	0	0	0	34
7:00 AM	26	15	16	45	13	12	6	0	0	1	0	0	0	134
8:00 AM	13	14	15	40	26	16	16	6	4	1	0	0	0	151
9:00 AM	13	11	12	24	10	5	3	0	0	0	0	0	0	78
10:00 AM	33	6	6	12	4	5	0	0	0	0	0	0	0	66
11:00 AM	46	4	2	4	0	0	0	0	0	0	0	0	0	56
12:00 PM	60	6	4	0	0	0	0	0	0	0	0	0	0	70
1:00 PM	89	11	1	3	0	0	1	0	0	0	0	0	0	105
2:00 PM	125	7	4	3	0	0	0	0	0	0	0	0	0	139
3:00 PM	127	9	2	0	0	0	0	0	0	0	0	0	0	138
4:00 PM	100	12	2	4	1	0	0	0	0	0	0	0	0	119
5:00 PM	55	20	17	15	7	3	0	0	0	0	0	0	0	117
6:00 PM	45	28	14	17	5	4	2	1	0	0	1	0	0	117
7:00 PM	22	10	15	12	10	4	2	0	0	0	0	0	0	75
8:00 PM	12	7	15	6	3	1	0	0	0	0	0	0	0	44
9:00 PM	11	21	10	13	6	2	3	1	0	0	0	0	0	67
10:00 PM	4	2	2	1	0	0	1	0	0	0	0	0	0	10
11:00 PM	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	782	184	140	209	94	58	40	10	4	2	1	0	0	1,524

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Wednesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	2
1:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	2
5:00 AM	1	0	1	2	0	0	0	0	0	0	0	0	0	4
6:00 AM	7	5	7	7	8	1	2	2	0	0	0	0	0	39
7:00 AM	57	17	19	26	7	4	2	0	0	0	0	0	0	132
8:00 AM	21	6	17	31	24	15	7	3	2	0	0	0	0	126
9:00 AM	6	3	3	14	14	11	5	1	1	0	0	0	0	58
10:00 AM	5	5	6	13	14	5	3	0	1	0	0	0	0	52
11:00 AM	10	5	11	18	10	4	1	2	1	0	1	0	0	63
12:00 PM	9	9	13	30	10	8	3	2	1	1	0	0	0	86
1:00 PM	46	18	18	27	18	4	3	1	1	0	0	0	0	136
2:00 PM	43	11	13	19	9	9	1	0	2	0	0	1	0	108
3:00 PM	20	15	15	26	12	2	3	1	0	0	0	0	0	94
4:00 PM	16	16	14	30	8	7	9	1	1	0	0	0	0	102
5:00 PM	32	18	24	29	11	1	4	0	1	0	0	0	0	120
6:00 PM	12	21	22	29	14	6	1	3	0	0	0	0	0	108
7:00 PM	13	14	12	28	9	7	5	1	0	0	0	0	0	89
8:00 PM	4	9	4	22	3	4	2	0	0	1	0	0	0	49
9:00 PM	1	11	10	6	3	3	2	4	1	0	0	0	0	41
10:00 PM	1	2	3	1	1	4	2	0	1	0	0	0	0	15
11:00 PM	0	1	0	0	1	0	1	0	0	0	0	0	0	3
Total	305	187	213	360	176	95	56	21	13	2	1	1	0	1,430



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Thursday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1
1:00 AM	0	1	2	0	1	0	0	0	0	0	0	0	0	4
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	1	0	1	1	0	0	0	0	0	0	0	0	4
5:00 AM	0	0	0	2	1	0	0	0	0	0	0	0	0	3
6:00 AM	2	2	2	9	9	6	5	2	1	0	0	0	0	38
7:00 AM	29	14	26	38	17	9	7	6	0	0	1	0	0	147
8:00 AM	13	8	15	48	27	14	15	3	2	0	0	0	0	145
9:00 AM	10	11	9	27	8	8	4	1	0	0	0	0	0	78
10:00 AM	9	7	10	23	3	4	2	0	0	0	0	0	0	58
11:00 AM	16	13	6	12	11	2	1	2	0	0	0	0	0	63
12:00 PM	18	9	17	19	5	8	2	0	0	0	0	0	0	78
1:00 PM	18	16	17	22	8	6	0	1	0	0	0	0	0	88
2:00 PM	60	21	21	24	6	1	4	1	0	0	0	0	1	139
3:00 PM	36	33	25	21	3	3	3	0	0	0	0	0	0	124
4:00 PM	49	28	15	16	10	1	2	0	0	0	0	0	0	121
5:00 PM	66	35	19	15	4	1	0	0	0	0	0	0	0	140
6:00 PM	38	27	22	25	13	1	0	0	0	0	0	0	0	126
7:00 PM	15	15	13	19	10	2	0	0	1	0	0	0	0	75
8:00 PM	11	11	15	15	4	4	3	0	2	0	0	0	0	65
9:00 PM	14	18	18	21	14	4	1	0	0	0	0	0	0	90
10:00 PM	1	3	2	4	4	1	2	0	0	0	0	0	0	17
11:00 PM	1	0	0	1	1	0	3	0	0	0	0	0	0	6
Total	407	273	254	362	160	76	54	16	6	0	1	0	1	1,610

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Friday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	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
2:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	2
3:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	1	1	0	1	0	0	0	0	0	0	0	3
5:00 AM	0	0	0	1	0	2	1	0	0	0	0	0	0	4
6:00 AM	0	4	4	7	10	6	5	3	0	1	0	0	0	40
7:00 AM	34	24	22	38	23	11	7	0	2	1	0	0	0	162
8:00 AM	13	10	14	37	24	18	13	2	0	0	0	0	0	131
9:00 AM	15	6	7	22	10	8	4	2	1	0	0	0	0	75
10:00 AM	10	8	13	25	8	12	2	1	1	0	0	0	0	80
11:00 AM	15	7	9	24	14	6	2	0	0	0	0	0	0	77
12:00 PM	17	14	10	22	7	9	3	1	0	0	0	0	0	83
1:00 PM	82	8	8	1	0	0	0	0	0	0	0	0	0	99
2:00 PM	90	15	18	6	2	0	0	0	0	0	0	0	0	131
3:00 PM	91	16	11	13	1	5	2	0	0	0	0	0	0	139
4:00 PM	30	30	17	29	8	10	2	1	0	0	0	0	0	127
5:00 PM	34	21	22	29	11	1	2	0	0	0	0	0	0	120
6:00 PM	19	13	20	25	13	4	1	0	1	0	0	0	0	96
7:00 PM	7	10	14	14	7	6	5	0	1	0	0	0	0	64
8:00 PM	6	7	4	15	7	6	2	4	0	0	0	0	0	51
9:00 PM	13	19	11	19	7	3	4	0	0	0	0	0	0	76
10:00 PM	1	3	8	9	8	4	2	4	0	0	0	0	0	39
11:00 PM	0	1	4	4	0	3	1	1	0	0	0	0	0	14
Total	477	216	218	342	161	115	58	19	6	2	0	0	0	1,614

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

South, Lane 1 - Saturday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	2	3	2	1	0	2	0	0	0	0	0	10
1:00 AM	0	0	1	0	0	0	0	1	0	0	0	0	0	2
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4:00 AM	0	0	2	0	0	0	0	0	0	0	0	0	0	2
5:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	1
6:00 AM	0	1	1	1	0	1	0	0	0	0	0	0	0	4
7:00 AM	0	2	1	6	7	1	2	3	0	0	0	0	0	22
8:00 AM	5	4	4	10	8	6	1	2	0	0	0	0	0	40
9:00 AM	6	6	14	20	13	1	3	1	2	0	0	0	1	67
10:00 AM	10	9	12	27	15	9	5	2	0	0	0	0	0	89
11:00 AM	47	19	14	13	5	2	0	1	0	0	0	0	0	101
12:00 PM	40	11	19	18	1	1	0	0	0	0	0	0	0	90
1:00 PM	44	19	22	13	7	2	1	0	0	0	0	0	0	108
2:00 PM	47	23	5	4	2	1	0	0	0	0	1	0	0	83
3:00 PM	21	14	9	16	10	8	1	0	0	0	0	1	0	80
4:00 PM	48	18	14	19	6	1	0	0	2	0	0	0	0	108
5:00 PM	32	14	20	17	3	5	1	2	0	0	0	0	0	94
6:00 PM	19	5	19	12	3	3	1	0	0	0	0	0	0	62
7:00 PM	12	5	9	7	2	0	1	0	1	0	0	0	0	37
8:00 PM	13	15	10	9	3	4	0	0	1	0	0	0	0	55
9:00 PM	10	10	13	15	4	4	2	0	0	0	0	0	0	58
10:00 PM	2	5	2	7	2	3	3	0	0	0	0	0	0	24
11:00 PM	3	2	1	3	4	0	1	0	0	0	0	0	0	14
Total	359	182	194	220	97	53	23	14	7	0	1	1	1	1,152



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Sunday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	2	1	0	0	0	0	0	0	0	0	0	0	3
1:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5:00 AM	0	1	0	0	0	0	0	0	0	0	0	0	0	1
6:00 AM	0	0	1	0	1	1	0	1	0	0	0	0	0	4
7:00 AM	1	1	1	6	2	2	3	1	1	0	0	0	0	18
8:00 AM	0	4	2	10	7	8	3	1	1	0	0	0	0	36
9:00 AM	2	5	3	16	5	8	1	1	2	0	0	0	0	43
10:00 AM	9	4	9	20	11	7	5	0	1	0	0	0	0	66
11:00 AM	6	16	10	27	6	3	2	2	0	0	0	0	0	72
12:00 PM	8	6	11	20	16	10	4	3	0	0	0	0	0	78
1:00 PM	11	5	19	29	14	10	7	2	2	0	0	0	1	100
2:00 PM	9	7	10	24	16	8	4	1	1	0	0	0	0	80
3:00 PM	5	10	11	24	10	7	6	1	1	0	0	0	0	75
4:00 PM	19	10	15	20	3	3	2	0	0	0	0	0	0	72
5:00 PM	20	7	11	15	4	0	1	0	0	0	0	0	0	58
6:00 PM	6	1	6	7	4	1	0	0	1	0	0	0	0	26
7:00 PM	1	4	1	5	3	1	1	0	1	0	0	0	0	17
8:00 PM	3	1	1	5	3	2	1	0	0	0	0	0	0	16
9:00 PM	1	2	2	5	2	2	0	0	0	0	0	0	1	15
10:00 PM	2	0	1	0	1	1	0	0	2	0	0	0	0	7
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	104	86	115	233	108	75	40	13	13	0	0	0	2	789

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
Location 2:  
Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Monday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	0	1	0	1	0	0	0	0	0	0	0	3
1:00 AM	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
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	1	0	0	2	2	1	0	0	0	0	0	0	6
6:00 AM	2	3	4	6	3	1	1	2	0	0	0	0	0	22
7:00 AM	94	7	9	25	14	4	1	0	0	0	0	0	0	154
8:00 AM	46	17	27	36	19	7	4	1	1	0	0	0	0	158
9:00 AM	13	10	8	12	15	7	1	0	2	0	0	0	0	68
10:00 AM	0	3	8	24	7	10	8	5	3	1	1	0	2	72
11:00 AM	4	2	8	12	8	5	1	3	0	0	0	0	0	43
12:00 PM	9	6	14	19	10	9	4	2	1	0	0	0	0	74
1:00 PM	10	10	16	22	13	10	2	1	1	0	0	0	0	85
2:00 PM	59	17	20	32	14	10	6	1	0	0	0	0	0	159
3:00 PM	42	21	34	48	27	16	8	6	0	0	0	0	0	202
4:00 PM	39	32	37	50	31	20	6	1	2	0	0	0	0	218
5:00 PM	59	50	50	62	18	16	5	0	0	0	0	0	0	260
6:00 PM	42	26	23	33	10	3	2	0	0	0	0	0	0	139
7:00 PM	4	6	8	14	7	5	2	0	0	0	0	0	0	46
8:00 PM	3	8	6	12	4	3	0	0	0	0	0	0	0	36
9:00 PM	0	2	1	2	2	0	1	0	0	0	0	0	0	8
10:00 PM	0	0	2	2	0	1	0	0	0	0	0	0	0	5
11:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	427	222	275	413	204	130	53	22	10	1	1	0	2	1,760

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Tuesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	1	0	0	0	0	0	1	0	0	1	0	0	0	3
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	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
5:00 AM	0	0	0	3	2	0	2	0	0	0	0	0	0	7
6:00 AM	2	2	4	6	2	2	2	1	0	0	0	0	0	21
7:00 AM	114	10	12	26	7	7	4	0	0	0	0	0	0	180
8:00 AM	18	11	22	43	12	6	4	2	0	0	0	0	0	118
9:00 AM	20	12	10	22	12	7	6	1	1	0	0	0	0	91
10:00 AM	40	8	8	18	8	6	4	3	1	0	0	0	1	97
11:00 AM	33	4	2	5	0	0	1	0	0	0	0	0	0	45
12:00 PM	74	0	2	2	0	0	0	0	1	0	0	0	0	79
1:00 PM	78	2	2	1	0	1	0	0	0	0	0	0	0	84
2:00 PM	142	12	8	2	0	1	0	0	0	0	0	0	0	165
3:00 PM	201	13	3	3	2	1	0	0	0	0	0	0	0	223
4:00 PM	151	20	15	7	5	5	1	0	0	0	0	0	0	204
5:00 PM	33	35	38	53	17	7	6	2	0	1	0	0	0	192
6:00 PM	21	16	24	29	17	5	2	1	2	1	0	0	0	118
7:00 PM	7	5	13	29	10	5	2	1	0	0	0	0	0	72
8:00 PM	7	3	9	20	8	8	1	0	0	0	0	0	0	56
9:00 PM	5	3	3	6	3	2	2	1	0	0	0	0	0	25
10:00 PM	2	0	3	4	2	1	1	1	0	0	0	0	0	14
11:00 PM	0	0	0	2	0	1	0	0	0	0	0	0	0	3
Total	949	156	178	281	107	65	39	13	5	3	0	0	1	1,797



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Wednesday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	2
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	4	0	1	3	0	0	0	0	0	0	0	0	0	8
6:00 AM	6	5	2	6	1	1	1	0	0	0	0	0	0	22
7:00 AM	99	8	13	18	20	1	1	0	0	0	0	0	0	160
8:00 AM	31	13	19	37	10	4	7	1	1	0	0	0	0	123
9:00 AM	16	17	13	15	6	5	0	1	0	0	0	0	0	73
10:00 AM	6	6	12	12	7	5	2	0	0	0	0	0	0	50
11:00 AM	15	6	10	19	6	3	2	1	0	0	1	0	0	63
12:00 PM	26	11	8	15	8	5	2	2	0	0	0	0	0	77
1:00 PM	80	19	13	15	4	2	2	0	0	0	0	0	0	135
2:00 PM	56	17	13	29	9	5	0	0	0	0	0	0	0	129
3:00 PM	50	23	28	33	14	6	5	1	1	0	0	0	0	161
4:00 PM	37	13	32	59	15	22	1	0	2	0	0	0	0	181
5:00 PM	48	43	33	58	12	6	3	1	1	0	0	0	1	206
6:00 PM	26	13	29	32	12	9	3	1	2	0	0	0	0	127
7:00 PM	11	11	16	28	4	6	1	0	2	0	0	0	0	79
8:00 PM	3	4	8	11	5	1	1	1	0	0	0	0	0	34
9:00 PM	2	4	2	8	3	1	2	1	0	0	0	0	0	23
10:00 PM	0	0	1	1	0	1	0	0	0	0	0	0	0	3
11:00 PM	0	0	0	2	0	1	1	0	0	0	0	0	0	4
Total	518	213	254	401	136	84	34	10	9	0	1	0	1	1,661

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
Location 1:  
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Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Thursday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	1	0	0	0	0	0	0	1	0	0	0	2
1:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	2
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	2	3	1	1	1	0	1	0	0	0	0	0	9
6:00 AM	5	3	0	7	5	3	1	2	0	0	0	0	0	26
7:00 AM	93	15	11	24	14	5	5	1	1	0	0	0	0	169
8:00 AM	27	17	18	37	9	5	7	6	0	0	1	0	0	127
9:00 AM	28	16	9	11	4	7	1	0	0	0	0	0	0	76
10:00 AM	22	12	10	17	2	1	1	0	0	0	0	0	0	65
11:00 AM	46	9	8	14	2	2	2	0	0	0	0	0	0	83
12:00 PM	39	13	9	18	4	2	1	0	1	0	0	0	0	87
1:00 PM	59	10	9	13	1	1	1	0	0	0	0	0	0	94
2:00 PM	141	25	17	20	8	3	1	1	0	0	0	0	0	216
3:00 PM	165	52	48	30	5	1	0	1	0	0	0	0	0	302
4:00 PM	166	41	39	25	5	4	0	0	0	0	0	0	0	280
5:00 PM	163	35	16	34	5	0	3	2	0	0	0	0	0	258
6:00 PM	76	28	30	23	3	3	0	1	1	0	0	0	0	165
7:00 PM	36	16	16	20	5	1	1	1	0	0	0	0	0	96
8:00 PM	16	6	7	10	2	0	2	1	0	1	0	0	0	45
9:00 PM	7	6	11	11	5	3	1	0	0	0	0	0	0	44
10:00 PM	1	1	1	2	0	1	0	1	0	0	0	0	0	7
11:00 PM	0	1	0	1	0	1	0	0	0	0	0	0	0	3
Total	1,091	308	263	319	81	44	27	18	3	2	1	0	0	2,157

**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

Site Code:  
Station ID:  
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Latitude: 38.861231  
Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Friday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	0	0	1	0	0	0	0	0	0	1	0	0	2
1:00 AM	0	0	0	1	0	0	0	0	0	0	0	0	0	1
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4:00 AM	0	0	0	1	0	1	0	0	0	0	0	0	0	2
5:00 AM	0	0	2	0	1	0	1	0	0	0	0	0	0	4
6:00 AM	2	0	4	3	3	3	1	2	0	0	0	0	0	18
7:00 AM	90	13	15	23	10	9	4	3	1	0	0	0	0	168
8:00 AM	41	15	16	28	16	5	6	1	0	0	0	0	0	128
9:00 AM	29	21	19	26	8	2	0	0	0	0	0	0	0	105
10:00 AM	34	18	13	19	3	4	1	0	1	0	0	0	0	93
11:00 AM	33	8	20	15	7	2	0	0	0	0	0	0	0	85
12:00 PM	28	13	9	19	8	1	1	0	0	0	0	0	0	79
1:00 PM	103	12	8	5	0	0	0	0	0	0	0	0	0	128
2:00 PM	125	17	9	4	2	0	1	0	0	0	0	0	0	158
3:00 PM	159	28	15	13	4	0	1	0	1	0	0	0	0	221
4:00 PM	76	27	33	34	15	4	4	2	1	0	0	0	0	196
5:00 PM	79	38	31	31	13	6	4	1	1	0	0	0	0	204
6:00 PM	32	20	21	38	10	8	1	2	1	0	0	0	0	133
7:00 PM	12	9	9	24	8	2	3	0	1	0	0	0	0	68
8:00 PM	2	2	4	7	5	4	2	1	2	0	0	0	0	29
9:00 PM	2	1	5	5	3	3	3	1	0	1	0	0	0	24
10:00 PM	0	3	2	6	3	4	3	0	0	0	0	0	0	21
11:00 PM	1	2	5	5	1	1	2	0	0	0	0	0	0	17
Total	849	247	240	308	120	59	38	13	9	1	1	0	0	1,885



**Belmont Police Department**  
**Traffic Division**  
**460 Concord Ave.**  
**Belmont, MA 02478**

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Longitude: -95.741185

File Name: Goden Street  
Date Printed: 11/22/2022  
Start Date: 11/14/2022  
End Date: 11/22/2022  
GPS Accuracy: 0 ft  
Location Verified: No

Averaged Hourly Totals

North, Lane 2 - Saturday

	<= 20	>20 to 22	>22 to 24	>24 to 26	>26 to 28	>28 to 30	>30 to 32	>32 to 34	>34 to 36	>36 to 38	>38 to 40	>40 to 42	> 42	Total
12:00 AM	0	1	2	1	0	0	1	0	0	0	0	0	0	5
1:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	2
2:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	1
3:00 AM	1	1	1	0	0	0	0	0	0	0	0	0	0	3
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	0	2	2	1	1	0	0	0	1	0	0	0	0	7
6:00 AM	1	1	1	5	0	3	0	0	0	0	0	0	0	11
7:00 AM	1	1	1	9	9	6	5	2	0	0	0	0	0	34
8:00 AM	4	3	5	14	8	7	3	1	0	1	0	0	0	46
9:00 AM	11	9	14	21	16	11	5	1	1	1	0	0	0	90
10:00 AM	28	17	18	33	8	5	2	0	0	0	0	0	0	111
11:00 AM	59	15	12	17	2	6	1	0	0	0	0	0	1	113
12:00 PM	56	19	14	11	4	2	0	0	0	0	0	0	0	106
1:00 PM	57	14	9	10	5	0	1	0	0	0	0	0	0	96
2:00 PM	75	11	14	11	4	1	0	0	0	0	0	0	0	116
3:00 PM	50	16	21	18	13	5	1	0	0	0	0	0	0	124
4:00 PM	47	17	17	16	4	2	1	0	0	0	0	0	0	104
5:00 PM	27	17	10	21	4	4	1	1	0	0	0	0	0	85
6:00 PM	11	11	5	17	5	2	0	0	0	0	0	0	0	51
7:00 PM	7	6	7	9	7	2	2	0	1	0	0	0	0	41
8:00 PM	4	1	6	4	0	2	0	0	0	0	0	0	0	17
9:00 PM	7	0	5	7	1	2	1	0	1	0	0	0	0	24
10:00 PM	3	2	2	5	2	2	1	1	0	0	0	0	0	18
11:00 PM	0	2	1	2	4	0	0	0	0	0	0	0	0	9
Total	449	167	167	232	98	63	25	6	4	2	0	0	1	1,214