



**BOARD OF SELECTMEN**  
**MEETING AGENDA**  
Monday, November 8, 2021  
7:00 p.m.

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Pursuant to Chapter 20 of the Acts of 2021, An Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency, signed into law on June 16, 2021, this meeting will be conducted via remote participation. No in-person attendance by members of the public will be permitted.

**To view or listen**

- Live Stream link YouTube:  
[https://www.youtube.com/channel/UCRdBrw3HeEAMB\\_KFKasrgXA](https://www.youtube.com/channel/UCRdBrw3HeEAMB_KFKasrgXA)
- Zoom webinar link: <https://town-northborough-ma-us.zoom.us/j/83272079283>  
When prompted, enter Password 212067
- CATV Government Channels: Verizon Channel 30, Charter Channel 192
- Call 1-646-876-9923  
When prompted, enter Meeting ID 832 7207 9283 and Password 212067

**For Public Comment**

\*\*\* Public comment will be limited to 3 minutes per person \*\*\*

- **By Phone** Dial \*9 to raise your hand and wait to be recognized by the Chair. Please note that part of your phone number will be visible to those viewing the meeting.
  - **By Zoom** Click “Raise Hand” on the bottom of your screen and wait to be recognized by the Chair
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## **BOARD OF SELECTMEN**

### **MEETING AGENDA**

Monday, November 8, 2021

7:00 p.m.

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[\\*Approval of October 18, 2021 Meeting Minutes](#)

**7:00 p.m. - [KRISTIN BLACK – HEALTH AGENT](#)**

- Update on Vaccination Clinics.
- Acceptance of State Department of Public Health COVID-19 Contact Tracing Grant Award.

**7:10 p.m. - [ANDREW DOWD- TOWN CLERK](#)**

- Approval of Northborough's newly updated Voting Precinct Map.
- Update regarding new State Redistricting Maps.

**7:15 p.m. - [SCOTT CHARPENTIER, DPW DIRECTOR](#)  
[FRED LITCHFIELD, TOWN ENGINEER](#)**

To consider implementation of a Truck Exclusion on Ridge Road and Maple Street.

### **REPORTS PUBLIC COMMENTS NEW BUSINESS**

1. [Discussion regarding Senate Bill 499 – An Act Regarding Agricultural Composting Programs.](#)
2. [Execution of Cemetery Deeds 1133, 1134 & 1135.](#)
3. Any other business to come before the Board.
4. Executive Session pursuant to M.G.L., Chapter 30A, Section 21, Subsection 3 (litigation) regarding pending land use litigation: The Gutierrez Company v. Northborough Planning Board, Land Court Case No. 21 MISC 000046; The Gutierrez Company v. Northborough Planning Board, Land Court Case No. 21 MISC 000380; Isomedix Operations, Inc. d/b/a Steris A.S.T. v. Northborough Planning Board, Land Court Case No. 21 MISC 000436; and Abu Construction, Inc. and Ka Realty, Inc. v. Town of Northborough and Northborough Planning Board, Worcester Superior Court Civil Action No. 1985CV00178, due to the Chair's determination that an open meeting may have a detrimental effect on the litigating position of the Planning Board and/or the Town.

**BOARD OF SELECTMEN  
MEETING MINUTES – October 18, 2021**

7:00 p.m. - Chairman's Introduction to Remote Meeting

Chairman Perreault stated that this Open Meeting of the Board of Selectmen was being conducted remotely consistent with Governor Baker's Executive Order of June 16, 2021, an Act Relative to Extending Certain COVID-19 Measures Adopted During the State of Emergency and that all members of the Board of Selectmen are allowed and encouraged to participate remotely.

Chairman Perreault noted that the Order allows public bodies to meet entirely remotely so long as reasonable public access is afforded so that the public can follow along with the deliberations of the meeting. He added that ensuring public access does not ensure public participation unless such participation is required by law. Chairman Perreault noted that this meeting will allow for Public Comment only under the Public Comment portion of the agenda. He indicated the various ways that the public may view or participate in this meeting as listed on the posted agenda.

Meeting Business Ground Rules

Chairman Perreault covered the ground rules for effective and clear conduct of the business. He asked members of the Board to mute their phone or computer when not speaking and to speak clearly and in a way that helps generate accurate meeting minutes. He will go through the items on the agenda. Following presentations, Board members will be offered an opportunity to speak, followed by staff members answering any questions, if necessary. Those responding will be asked to wait until the floor is yielded to them. Members were asked if they wish to respond to the comments of others, to do so through the Chair, taking care to identify themselves.

Any votes taken this evening will be done by roll call to ensure that the records of the vote are clear and accurate to the members attending the meeting remotely.

Chairman Perreault confirmed that the following members and persons anticipated on the agenda were remotely present and could be heard.

Board of Selectmen

Jason Perreault, Chair  
Leslie Rutan  
T. Scott Rogers  
Julianne Hirsh  
Kristen Wixted

Others

John Coderre, Town Administrator  
Rebecca Meekins, Assistant Town Administrator  
Jason Little, Finance Director  
David Parenti, Fire Chief  
Scott Charpentier, DPW Director

**APPROVAL OF MINUTES – SEPTEMBER 13, 2021 MEETING**

Selectman Rutan moved the Board vote to approve the September 13, 2021 meeting minutes as submitted; Selectman Rogers seconded the motion; the roll call vote was taken as follows:

Wixted	“abstain”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

**7:00 p.m. - PUBLIC HEARING**

To consider Petitions #30377976 and #30377977 as submitted by Massachusetts Electric (NGrid) Company for a new pole and a pole relocation on Southwest Cutoff.

Petition # 30377977

Mr. Charpentier informed the Board that Pole Petition #30377977 requests the Board's approval to relocate Pole 42 approximately 20 feet to the north on Route 20 in front of 241 Southwest Cutoff. This work will create and monitor better reliability of electric power along this portion of Route 20.

There were no comments from the public.

Selectman Rogers moved the Board vote to close the public hearing; Selectman Hirsh seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

Selectman Hirsh moved the Board vote to approve Pole Petition #30377977 as submitted by National Grid; Selectman Rogers seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

Petition # 30377976

Mr. Charpentier informed the Board that Pole Petition #30377976 requests the Board's approval to install a new pole 44-50 on the eastbound side of Route 20 in front of 273-281 Southwest Cutoff. As with the other petition, this work will create and monitor better reliability of electric power along this portion of Route 20.

There were no comments from the public.

Selectman Rutan moved the Board vote to close the public hearing; Selectman Hirsh seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

Selectman Wixted moved the Board vote to approve Pole Petition #30377976 as submitted by National Grid; Selectman Hirsh seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

**7:15 p.m. - KRISTIN BLACK – HEALTH AGENT**  
COVID Update.

Ms. Black provided a brief COVID update as follows:

Recent Cases and Vaccination Status

The COVID-19 Dashboard Data shows that during the last month, there were 137 positive cases in Town compared to 36 during this same period in 2020. Ms. Black reviewed the breakdown of the vaccination status of 104 of those cases who were aged 12 and older.

Booster Clinics for Adults

The Town recently hosted a Pfizer booster clinic at the Northborough Senior Center and administered 68 vaccines. No additional Pfizer clinics are planned at this time. It is anticipated that the FDA will approve boosters for individuals who received Moderna and Johnson & Johnson vaccines in the coming days. Those who would like to be added to the Town's email list serve to learn about future booster clinics can sign up at:

[www.tinyurl.com/nborosignup](http://www.tinyurl.com/nborosignup)

Future Clinics for Children Ages 5-11

It is anticipated the FDA will approve the Pfizer vaccine for children ages 5-11 in the coming weeks. Ms. Black stated that she is closely following the approval process and has already submitted a request for vaccines from the state. Those who would like to be added to the Town's email list serve to learn about future clinics for children ages 5-11 can sign up at:

[www.tinyurl.com/nborosignup](http://www.tinyurl.com/nborosignup)

COVID-19 Testing

Northborough Public Schools is using Ellsworth McAfee Park for a satellite testing location for the school's Test and Stay Program. This program is for unvaccinated individuals who are in-school close-contacts and is not open to the general public.

There are several free test sites in the area. To learn more visit [www.tinyurl.com/nborotesting](http://www.tinyurl.com/nborotesting)

- Stop the Spread Site at Marlborough Hospital: A drive-through test site open Monday, Tuesday and Thursday 8AM to 1PM. No appointment is required.
- Project Beacon Regional Express Site, 562 Waverly Street, Framingham: This walk-in site is appointment only Monday-Fridays.
- MBTA Commuter Rail Station, Ashland: A drive-through test site on the Route 135 (West Union Street Side) open Monday, Wednesday and Friday 7AM – 11AM and Tuesday, Thursday and Saturday 2PM – 7PM.

Ms. Black confirmed that the Town website will be updated with the appropriate information and links for sign-ups.

**7:30 p.m. - APPOINTMENT OF AUDITOR**

Mr. Coderre informed the Board that the Town released a Request for Proposals (RFP) from certified public accounting firms qualified to perform municipal audits for fiscal years 2021, 2022 and 2023. Bill Fraher, CPA, the Town's previous auditor for over 20 years will be retiring soon. He noted that while auditing services are considered exempt under the Uniform Procurement Act, the Town chose to move forward with the RFP process to gather competitive pricing from as many qualified firms as possible.

Mr. Coderre noted that the Town received two proposals, one from Scanlon & Associates, and one from Powers & Sullivan, LLC. The proposals were reviewed and ranked by members of the financial team and Chairman Jason Perreault. Mr. Coderre stated that both firms were interviewed by the staff financial team consisting of himself, Finance Director Jason Little and Assistant Town Administrator Becca Meekins. Chairman Perreault was present at both interviews as a representative of the Board of Selectmen.

Following the interviews, reference checks were conducted for both firms. Scanlon & Associates provides auditing services to the Algonquin Regional School District, as well as several surrounding communities, including Westborough, Shrewsbury and Grafton. Northborough has strong organizational and financial ties to the Regional School District, as well as Westborough, Shrewsbury and Grafton through the Regional Veteran's District and the more recent Greater Boroughs Partnership for Health grant. Due to the regional connections, staff believes that working with Scanlon & Associates will be a much more efficient and effective process due to those existing relationships with surrounding communities.

Mr. Coderre recommended that the Board of Selectmen vote to appoint Scanlon & Associates as Auditor for the Town of Northborough for fiscal years 2021, 2022 and 2023. The Board was previously given a copy of the proposal from Scanlon & Associates, as well as a copy of the competitive evaluation form filled out by the financial team.

Jeff Gendron from Scanlon & Associates was remotely present to introduce himself to the Board. Chairman Perreault welcomed Mr. Gendron to Northborough. Selectman Rutan thanked Bill Frayer for his over 20 years of service to the Town.

Selectman Rutan moved the Board vote to appoint Scanlon & Associates, LLC as Auditor for the Town of Northborough, pursuant to their proposal dated September 3, 2021, and to authorize the Town Administrator to execute a contract for fiscal years 2021, 2022 & 2023; Selectman Hirsh seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

**7:45 p.m. - SCOTT CHARPENTIER – DPW DIRECTOR**Set Fees for Plowing/Sanding Private Ways for the upcoming 2021-2022 winter season.

Mr. Charpentier proposed to the Board that the base charge for plowing and treatment services of private ways and unaccepted streets which are 100% complete be increased from last year's charge of \$210 to \$215 to cover the costs of labor, fuel and materials, which have significantly increased.

Residents of the private ways that received plowing and treatment services during the last Winter Season were notified of tonight's consideration to increase the fees. No concerns were heard from any of the residents.

Selectman Rogers moved the Board vote to set the fees for plowing and treatment of private ways less than 3,000 feet for the 2021/2022 winter season as follows: \$215.00 per storm per private way for plowing; \$215.00 per storm per private way for treatment; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

Update regarding the Post Occupancy Traffic Study on Bartlett Street.

Mr. Charpentier noted that on September 1, 2021, the Town engaged the Central Massachusetts Regional Planning Commission (CMRPC) to prepare a Post Occupancy Study for the land use located at 330/350 Bartlett Street. He provided a status update as summarized below:

- Crash Analysis – Accident data has been collected from both the Massachusetts Department of Transportation (MassDOT) and the Northborough Police Department for the period of time between January 1, 2016 and June 3, 2021. This information has been compiled and is currently being analyzed for inclusion in the final report.
- Intersection Turning Movement Counts – On September 23, 2021, vehicles turning movement counts were collected at three locations. Data for the intersections of Bartlett Street and Route 20 and Bartlett Street and Lyman Street were counted manually while counts at the driveway of 330/350 Bartlett Street were collected through automated video analysis. This information is partially compiled and will soon be analyzed for inclusion in the final report.
- Traffic Counts – Automated traffic recorders were set at seven locations as previously presented to the Board at the August 16, 2021 meeting. The data was collected from May 17, 2021 through June 1, 2021 and captured all vehicle classes as well as speeds. This data is what supported the Town's request to MassDOT for a heavy commercial vehicle exclusion on Ridge Road and a segment of Maple Street. We are still awaiting a response from MassDOT on this request.
- Pre-Post Traffic Study Comparison – The results of the turning movement count at the driveway of 330/350 Bartlett Street show that the total observed trips were 1,719 while the trip projections presented in the February 1, 2015 traffic study submitted to the Planning Board was 2,490.

- Walking Audit – All participants will meet at the Algonquin Regional High School on October 28, 2021 where there will be pre-meeting beginning at 9:00 AM. This will be followed by the roadway walk, returning to the School at 11:00 AM where a one-hour post-discussion will be conducted. Approximately 16 representatives have confirmed that they will attend the walking audit, including Town staff from public safety and public works departments, the planning department and the administration office. School staff, a representative from the Planning, Board, representatives from the Central Massachusetts Planning Commission (CMRP) and some facility operators on Bartlett Street will also attend. The next focus group that is invited to participate in the walking audit is interested citizens from the Bartlett Street neighborhood. Mr. Charpentier reviewed the agenda for the walking audit. Both the agenda and a “prompt list” for the various topics will be posted on the Public Works website under “News and Announcements”.
- Findings and Mitigation Recommendations Report by the CMRPC – The submission of this document along with the supporting data is scheduled for December of 2021.

Following Mr. Charpentier’s presentation, the Board briefly discussed the importance of having neighborhood representation in the walking audit as they can bring knowledge that may not be obvious to others. Mr. Charpentier encouraged the Board’s participation.

**8:15 p.m. - PUBLIC HEARING**

Implementation of “Jake Break” prohibition on Bartlett Street, pursuant to Town Code, Chapter 2-44-130 Compression Brake Use Restriction.

Mr. Coderre noted that the Board of Selectmen proposed a new bylaw at the May 1, 2021 Annual Town Meeting. Under Article 39, the Town voted to add a new section 2-44-130 “Compression Brake Use Restricted” to Chapter 2-44 of the Town’s general bylaws. The new Section 2-44-130 prohibits the use of engine, compression, dynamic or mechanical exhaust breaks, commonly referred to as “Jake Breaking”. He added that on September 7, 2021, the Attorney General approved the bylaw and the Town satisfied the posting/publishing requirements of General Laws, Chapter 40, Section 32.

Mr. Coderre informed the Board that staff is proposing that the Board use the newly approved bylaw to adopt a compression brake restriction for the entire length of Bartlett Street. He added that the Town cannot adopt restrictions on State roads and cannot ban engine or compression braking systems entirely as General Laws, Chapter 90, Section 7 requires these braking systems in certain vehicles.

Mr. Coderre reviewed the proposed location of signs. The signs will make the new bylaw enforceable by the Police Department. He added that the Town will reach out to the facilities on Bartlett Street letting them know that this new restriction is in effect.

In response to questions from Board members, Mr. Charpentier stated that the signs will be consistent with signs posted in other communities and Chief Lyver discussed how the signs will aid in enforcement by the Police Department.

In accordance with the approved bylaw, the Board scheduled tonight's public hearing regarding this matter before voting to approve the recommendation. Chairman Perreault invited comments from the public.

Janeen Callaghan of 6 Stirrup Brook Lane asked about the location of the signs and would they be facing both directions. Mr. Charpentier responded that the intent is to install single sided signs facing oncoming traffic entering Bartlett Street from Route 20, leaving Cedar Hill or Hays Memorial Drive entering Bartlett Street, and signs facing each direction at Lyman Street over by Stirrup Brook Trail. Truck drivers will see a sign as they take a left leaving Lyman Street and they will see a sign as they are coming down the hill on Bartlett Street to take a left onto Lyman Street. Ms. Callaghan asked if a sign can be installed on Lyman Street as trucks are entering Bartlett Street? Mr. Coderre responded that tonight's public hearing is to consider the new bylaw and signage on Bartlett Street only. The Board may consider a request for the bylaw to be implemented on Lyman Street at a future Board meeting.

There were no further comments from members of the public.

Selectman Rogers moved the Board vote to close the public hearing; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

Selectman Wixted moved the Board vote to adopt a compression brake restriction for Bartlett Street pursuant to Town Code Section 2-44-130 "*Compression Brake Use Restricted*" and that appropriate signage shall be installed at the discretion of the DPW Director; Selectman Rogers seconded the motion. See roll call vote following further discussion.

#### Further Discussion

Mr. Coderre explained that any future requests for the implementation of this bylaw in other areas of Town can be considered by the Board at their discretion through a public hearing process. A brief discussion ensued about whether or not it is important that drivers other than truck drivers understand the meaning of the signs. The roll call vote was taken as follows:

Wixted	"aye"	Rutan	"aye"
Hirsh	"aye"	Perreault	"aye"
Rogers	"aye"		

### **REPORTS**

#### Kristen Wixted

- Asked what the Board can do to help retain staff in light of the recent resignation of the Senior Center Director and others over the last one or two years.
- Announced that the 2<sup>nd</sup> Annual Jack O 'Lantern Stroll will be held at the Town Common on October 30<sup>th</sup>. Residents can find additional information about the event or sign up to enter their carved pumpkins into the contest by visiting [northboroughcac.weebly.com](http://northboroughcac.weebly.com).

- Noted that the Regional School Committee continues to consider the renaming of the High School mascot.
- Noted that the School District sent out a survey to families regarding the use of ARPA funds. Asked if the Town could do the same? Encouraged residents to reach out to her or the entire Board via email to share their ideas. Mr. Coderre noted that the use of the ARPA funds should be considered as part of the normal budget process.

#### Julianne Hirsh

- Asked that the Board receive regular updates on the status of the ARPA funds so that reasonable priorities can be set.
- Announced that the Cultural Council will be reviewing grant applications soon. Noted that they are looking for new members to serve.
- Noted that the Master Plan Implementation Committee (MPIC) recently met. Their first focus will be to update the mission statement and set some priorities. The MPIC will need an update on the status of the feasibility study for 4 West Main Street. Mr. Coderre responded that there is little doubt that the Town will take the building back in May of 2022. The feasibility study will determine whether the Town should sell the building or use it for municipal purposes. He stated that the Town does not yet control the building. He added that he is working with the current lessee of the building to ensure that the architects and the engineers will have access to the building to evaluate the systems and the state of the building at the appropriate time.

#### T. Scott Rogers

- Attended 15 meetings or so of those Boards and Committees that he is liaison to since the Board's last meeting in September.
- Echoed Mr. Coderre's message to the Board at the last meeting that the methods for setting priorities for the use of the ARPA funds should be vetted through the established budget process. The Town needs to wait to know what the rules are for use of the ARPA funds in regard to revenue replacement. Asked residents to be patient.
- Thanked Town staff for providing him with details on financial planning and how the ARPA funds may be used under set parameters. Also thanked the DPW Director and Town Engineer for providing details on some of the road and culvert renovations that are ongoing.

#### Leslie Rutan

- Reiterated that the Town has fantastic staff and when Town staff chooses to depart from their employment it is for a variety of reasons, adding that personnel matters are often not appropriate for public discussion.
- Noted that she agrees with the suggestion by Rachel Armstrong that the meeting packets be provided online to the public prior to the meeting. Mr. Coderre responded that the packet can be made available on the Town website the morning of the meeting.
- Thanked the Algonquin High School for their fundraising efforts for the Northborough Food Pantry.
- Noted that the Diversity & Inclusion Committee held a listening session on September 30<sup>th</sup>. Thanked Tim Kaelin and the Committee members for the opportunity. She hopes to see another listening session take place at some point in the future.
- Thanked the Health Department for hosting a recent flu clinic at Algonquin High School. Thanked the DPW Department for helping with the set up and breakdown.
- Noted that she has heard that some drivers are confused about the intersection at Route 20 and Patty Lane that leads to the Library parking lot entrance. She asked if arrows could be painted

on the roadway itself? Mr. Coderre reminded the Board about the traffic improvements that were done several years ago to improve the downtown traffic flow. At that time, the traffic engineers originally wanted Patty Lane to be a right-turn out only, but the neighborhood, businesses and the Library wanted it to remain both ways. He will look into whether any improvements can be made through roadway markings or signage.

- Reminded the public that a left turn from Pierce Street onto Church Street is not allowed.

#### Jason Perreault

- Thanked the Applefest Committee and the volunteers who made this year's Applefest celebration another successful event. Thanked DPW and Public Safety personnel for helping with the event.
- Congratulated Dawn Rand as this year's Applefest Grand Marshall and former Police Chief Ken Hutchins as an Honoree Grand Marshall.
- Congratulated Tougas Farm for being recognized as the 2<sup>nd</sup> best farm in the State for apple picking by Boston.Com and as the 10<sup>th</sup> best farm for apple picking in a nationwide poll conducted by USA Today.
- Thanked the Diversity & Inclusion Committee for their recent listening session. This Committee continues to be very active and engaged. He is looking forward to hearing their recommendations at the end of the year.
- Congratulated Northborough resident Mark Donahue for being acknowledged by Best Lawyers as Lawyer of the Year.

#### John Coderre

- No report.

### **PUBLIC COMMENTS**

Chairman Perreault stated that the Public Comment portion of the agenda allows for the public to provide input, comments, questions, or concerns. The Board will not engage or deliberate in any detailed discussion, nor will it take action or make any commitments in real time in response to any public comment. If they are able, present Town staff may respond to any questions that can easily be answered. Those who wish to speak under Public Comment will be admitted to the meeting as an attendee and will be asked to provide their full name and address for the record. Public comment will be limited to 3 minutes per person.

Lisa Maselli of 13 Maple Street negatively commented about the following: appearance of the Town, the Board's responsiveness to citizen inquiries, RFP drafting, working with the citizens to create safe streets, misinformation and misguidance of bylaws and lack of follow-up or follow-through.

John Wixted of 2 Stirrup Brook Lane thanked the Town and Mr. Charpentier for installing the safety zone signs and flashing lights.

Janeen Callaghan of 6 Stirrup Brook Lane asked if Bartlett Street neighborhood residents are invited to attend the Walking Audit on October 28<sup>th</sup>. Mr. Charpentier responded that the Walking Audit is not an invite-only meeting. He suggested that neighborhood residents view the agenda for the various topics that will be posted on the Public Works website under "News and Announcements". Interested residents can just arrive and participate in the walk.

Laura Ziton of 17 Franklin Circle stated that it would be helpful as a resident to have the opportunity to provide feedback on the use of the ARPA funds and what residents would like to see in Town. She would like to see the Board reach out more and listen to the needs of the residents.

**APPROVAL AND EXECUTION OF A LEASE AGREEMENT FOR A CELLULAR TOWER AT 119 BEARFOOT ROAD, ASSESSORS MAP 29, LOT 30**

Mr. Coderre indicated that when the Town purchased 119 Bearfoot Road back in 2002 for a new Senior Center, there was an existing telecommunications tower onsite with a lease. When the lease expired in 2017, the telecommunications tower reverted back to the Town as the landowner. The Town has been exercising one-year lease extensions since then. At its July 18, 2020 Annual Town Meeting, the Town authorized the Board of Selectmen to issue a bid for a new, long-term cell tower lease and to enter into a lease agreement determined by the Board to be in the best interest of the Town. In June 2021, the Town released a Request for Proposals from qualified wireless communications providers interested in leasing a portion of 119 Bearfoot Road for the construction, installation, operation, and maintenance of a wireless communication facility.

The new lease will include an initial term of twenty (20) years, with two (2) five (5)-year renewal options, for a total potential term of thirty (30) years. The current tower supports telecommunications equipment and holds municipal public safety equipment, including repeaters and antennas. This equipment must stay intact, or be installed on a new tower, if one is constructed, and the Town reserves the right to place additional public safety equipment on the tower at any time.

The Town received two proposals; one from CCATT, LLC to continue to lease the existing tower with the current leases and one from Wireless Edge, a competitor of CCATT, LLC. Wireless Edge's proposal includes a plan to remove and reconstruct the tower at 119 Bearfoot Road. The proposals were reviewed by a staff team including the Assistant Town Administrator, the Public Works Director and the Town Planner.

While the overall price proposal for Wireless Edge is higher than CCATT, LLC, the scoring committee noticed shortcomings with the technical proposal from Wireless Edge. The RFP required specific plans for the replacement of the tower, should the firm propose the removal of the existing tower. The proposer should have submitted a response that clearly denoted an understanding of the current Zoning Bylaws for communications tower installments. The proposal from Wireless Edge contemplates installing an extended tower at 170' to allow for additional carriers, which would require a variance from the Zoning Board of Appeals. The applicant makes no mention of that process, implying a lack of understanding as to what would be required of the firm in the permitting process. This lack of understanding could lead to delays, which puts the Town's income from the tower at risk.

The CCATT, LLC proposal is from a subsidiary of Crown Castle, the current lease holder for the existing tower. The CCATT proposal includes a plan to continue utilizing the existing tower with the existing leases with the current carriers for the foreseeable future. This proposal does not include any plans for reconstruction of the existing tower so there would be no permitting process or delay of income. The CCATT bid guarantees the revenue streams proposed from co-locators as

the subleases already exist between CCATT and the leaseholders. Staff agrees that the most advantageous plan was submitted by CCATT, LLC with a base payment of \$60,000 with an escalation of 5% each year. This amounts to \$4.16 million over the life of the 20-year lease, which is \$1.65 million more than the existing lease that is expiring.

Mr. Coderre responded to questions by members of the Board as follows: The useful life of the telecommunications tower will go beyond the potential 30-year lease; the co-locators are maxed out at the current 4; CCATT, LLC is responsible for maintaining the telecommunications tower and its equipment; and there have been no complaints about the telecommunications tower to date. Selectman Hirsh moved the Board vote to approve and execute the lease agreement and memorandum of agreement, subject to final review as to form by Town Counsel, between the Town of Northborough and CCATT, LLC for the lease of the cell tower at 119 Bearfoot Road in Northborough, pursuant to the proposal submitted by CCATT, LLC on July 28, 2021, for a term of twenty years, commencing November 1, 2021 and terminating on October 31, 2041, with two five-year optional extension periods; Selectman Rogers seconded the motion; the roll call was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

#### **RECOMMENDATIONS FOR APPOINTMENTS TO THE HISTORIC DISTRICT COMMISSION AND THE SCHOLARSHIP COMMITTEE**

Chairman Perreault noted that the Interview Subcommittee minutes were included in the meeting packet for review by Board members of the recommendations being made this evening.

Selectman Rogers moved the Board vote to appoint Tom Reardon as an alternate member on the Historic District Commission for a partial three-year term to expire on April 30, 2024 as recommended by the Interview Subcommittee; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

Selectman Rogers moved the Board vote to appoint Lorna Helms as an alternate member on the Historic District Commission for a partial one-year term to expire on April 30, 2022 as recommended by the Interview Subcommittee; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

Selectman Rogers moved the Board vote to appoint Vikram Verma to the Scholarship Committee for a partial three-year term to expire on April 30, 2024 as recommended by the Interview Subcommittee; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

Selectman Rogers moved the Board vote to appoint Elizabeth Nolan to the Scholarship Committee for a partial one-year term to expire on April 30, 2022 as recommended by the Interview Subcommittee; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

### **EXECUTION OF CEMETERY DEEDS**

Selectman Wixted moved the Board vote to execute Cemetery Deeds 1129, 1130, 1131 & 1132; Selectman Rutan seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

### **OTHER BUSINESS**

Selectman Hirsh asked that the meeting packets be posted on the Town website at the same time that they are available to the Board members rather than on the morning of the meeting. Chairman Perreault stated that he as a Board member, would like to have the opportunity to review the packet before the public so that he is better prepared to answer any questions. He added that the purpose of providing the meeting packet to the public is to provide an opportunity to follow along with the agenda items.

### **9:35 p.m. - EXECUTIVE SESSION**

Selectman Rutan moved the Board vote to enter into Executive Session - pursuant to M.G.L., Chapter 30A, Section 21, Subsection 6 (Purchase of Real Estate – Fire Station Project at 61 & 65 West Main Street) due to the Chair's determination that a discussion regarding this matter in an open meeting may have a detrimental effect on the position of the Board; Selectman Rogers seconded the motion; the roll call vote was taken as follows:

Wixted	“aye”	Rutan	“aye”
Hirsh	“aye”	Perreault	“aye”
Rogers	“aye”		

### **ADJOURNMENT**

Chairman Perreault announced that the Board will enter into Executive Session and the webinar hosting the open meeting will be ended.

The open meeting ended at 9:35 p.m.

Respectfully submitted,



Diane M. Wackell  
Executive Assistant to the  
Board of Selectmen

Documents used during meeting:

1. October 18, 2021 Meeting Agenda
2. September 13, 2021 Meeting Minutes
3. Information packet – Pole Petitions
4. Memorandum – COVID Update
5. Information packet – Appointment of Auditor
6. Memorandum – Fees for Plowing/Sanding Private Ways
7. Information packet – Post Occupancy Traffic Study on Bartlett Street
8. Information packet – Lease Agreement for Cellular Tower at 119 Bearfoot Road
9. BOS Interview Minutes – Recommendations for appointment to Boards and Committees.
10. Cemetery Deeds



## TOWN OF NORTHBOROUGH

63 Main Street  
Northborough, MA 01532-1994  
(508) 393-5040 Phone  
(508) 393-6996 Fax

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### MEMORANDUM

TO: Board of Selectmen  
FROM: Kristin Black, Health Agent  
SUBJECT: COVID-19 Update  
DATE: November 5, 2021

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I look forward to attending the Board of Selectmen meeting on November 8<sup>th</sup> to provide a brief COVID-19 update and answer any questions. I will report on recent COVID-19 vaccination clinics. I will also update the Board on case counts and recommendations for upcoming holidays.

Lastly, I will speak to the recent announcement of a Contact Tracing Grant award in the amount of \$160,000 annually for the Greater Boroughs Partnership for Health for Fiscal Years 2022 and 2023.

**APPLICATION FOR GRANTS AND SUBSIDIES (PP OBJECT CLASS)**

It is the responsibility of the prospective Bidder and awarded Contractor to maintain an active registration in COMMBUYS and to keep current the email address of the Bidder's contact person and prospective contract manager, if awarded a contract, and to monitor that email inbox for communications from the Purchasing Department, including requests for clarification. The Purchasing Department and the Commonwealth assume no responsibility if a prospective Bidder's/awarded Contractor's designated email address is not current, or if technical problems, including those with the prospective Bidder's/awarded Contractor's computer, network or internet service provider (ISP) cause email communications sent to/from the prospective Bidder/Awarded contractor and the Purchasing Department to be lost or rejected by any means including email or spam filtering. To register go to [www.COMMBUYS.com](http://www.COMMBUYS.com).

**Name/Title of Grant:** Local health support for COVID-19 case investigation and contact tracing

**COMMBUYS BID Number:** BD-22-1031-ADMIN-ADM07-66501

**DPH RFR Document File Number:** 223127

**1. Description or Purpose of Grant:** This grant program is intended to build capacity in local boards of health, ideally through a shared services framework, to be able to fully assume COVID-19 case and cluster investigation, contact tracing, isolation and quarantine support, and associated public health reporting responsibilities starting Q2 of FY2022. Resources will be made available to local boards of health to build epidemiologic, clinical, and community health worker staff capacity to meet these responsibilities as the Community Tracing Collaborative scales down its staff complement between June and September 2021. These resources are expected to be available through June 30, 2023, with any extensions dependent on federal carryforward funds availability.

Only those municipalities or regional planning agencies/regional government councils representing local boards of health listed below are eligible to receive these grant funds. While selected municipalities (see below) are permitted to apply independently, most are required to apply as part of a shared services agreement with at least two other municipalities.

**2. Contact Information**

**Contact Person:** Kevin Cranston

**Title:** Assistant Commissioner; Director, Bureau of Infectious Disease and Laboratory Sciences

**Address:** 305 South Street  
Jamaica Plain, MA 02130

**Telephone #:** 617-938-4014

**Fax #:** 617-624-5399

**E-mail or Internet Address:** [kevin.cranston@mass.gov](mailto:kevin.cranston@mass.gov)

**3 Applicable Procurement Law**

Check Appropriate Box ("X"):	Type of Purchase	Applicable Laws
	Executive Branch Goods and Services	

<input type="checkbox"/>	Goods and Services	MGL c. 7, § 22; c. 30, § 51, § 52; 801 CMR 21.00
<input type="checkbox"/>	Human and Social Services	MGL c. 7, § 22, § 22N; c. 30, § 51, § 52; 801 CMR 21.00; 808 CMR 1.00
<input type="checkbox"/>	Legal Services	MGL c. 30, § 51, § 52 and § 65; c. 7, § 22; and 801 CMR 21.01(2) (b)
<input checked="" type="checkbox"/>	Grants	MGL c. 7A, § 7; St. 1986 c. 206, § 17; 815 CMR 2.00

**3. Anticipated Payment Methodology:**

Check One ("X"):	Category
<input type="checkbox"/>	Lump Sum
<input checked="" type="checkbox"/>	Periodic Scheduled Installments
<input type="checkbox"/>	Cost Reimbursement
<input type="checkbox"/>	Other:

**4. Whether Single Or Multiple Grantees Are Required For Grant(s)**

Check One ("X"):	
<input type="checkbox"/>	Single Grantee
<input checked="" type="checkbox"/>	Multiple Grantees

**5. Expected Duration Of Grant (Initial Duration and Any Options to Renew)**

(Subject to appropriation or the availability of sufficient non-appropriated funds under the grant funding authority)

Anticipated Initial Duration up to:  \_\_\_ months;  2 year(s)

Anticipated Renewal Options: 2 options to renew for 2 year(s) each option

Final End Date of this Procurement: June 30, 2027

**6. Anticipated Expenditures, Funding Or Compensation For Expected Duration**

**Please include the Estimated Value of the Grant (Including Anticipated Renewal Options):**  
**\$20,000,000**

Will Federal Funds be used to fund any part of Grant(s)?  NO,  YES (If YES, to what extent?): 100%

**Payment through Electronic Funds Transfer is required for any contract awarded through this solicitation. Please see the COMMBUYS Bid Solicitation; File Attachments Section for this form.**

Grantees receiving federal grant funds will be considered sub-recipients for federal grant purposes and will be required to comply with applicable federal requirements, including but not limited to sub-recipient audit requirements under OMB Circular A-133.

The funds received in advance of expenditure by a grantee for a capital budget item must be held in a segregated non-interest bearing account and must be expended within 60 days (for policy information on spending capital funds see: Office of the State Comptroller, State Grants and Federal Sub-grants:

[www.mass.gov/Aosc/docs/policies\\_procedures/contracts/po\\_procon\\_state\\_grants\\_fed\\_sub.doc](http://www.mass.gov/Aosc/docs/policies_procedures/contracts/po_procon_state_grants_fed_sub.doc) ).

**Funds Balance Forward Requirement for Capital, Trust and Federal Accounts Only:** Any funds designated in the budget that are unspent in any fiscal year will not be available for expenditure in the subsequent fiscal year without a formal contract amendment re-authorizing these funds. The maximum obligation of the contract will automatically be reduced by the amount of the unspent funds from the prior fiscal year.

**7. Indicate Grant Scope and Performance Requirements:** (include Scope of Service, Performance Measures, and Criteria for Evaluating Responses)

**Background:**

Response to the current COVID-19 pandemic has required vigorous application of core public health principles and practices. Among these are epidemiologic tracking of laboratory-confirmed cases, identification of close contacts of confirmed cases, investigation of clusters of cases and the contexts of clusters, application of science-based isolation and quarantine procedures, instruction and support for individuals subject to isolation and quarantine, and timely public health reporting. During the period April 2020 through May 2021 the Massachusetts Department of Public Health and local health departments who are the lead public health authorities for these practices have been able to rely, at their discretion and under their authority, on the capacity of the Community Tracing Collaborative to assist with case/cluster investigation, contact tracing, and isolation and quarantine supports.

As rates of completed vaccination against the SARS-CoV-2 virus have grown and daily COVID-19 case volumes have decreased, plans to scale back the staffing of the Community Tracing Collaborative have been operationalized. The Community Tracing Collaborative is slated to end new case investigation and contact tracing efforts by November 30, 2021 and to complete ongoing investigations and contact communications by December 15, 2021.

In order to enable local boards of health, regional planning agencies, and regional government councils and their associated health departments to assume full responsibility for these essential public health practices, the Department of Public Health is making \$5.0M in federal support over the first two years available to selected municipalities, ideally through a shared services framework, to build their epidemiologic, clinical, and community health worker staff capacity to fulfil these responsibilities.

In order to further support the creation and maintenance of share services agreements consistent with the Special Commission on Local and Regional Public Health Blueprint ([www.mass.gov/orgs/special-commission-on-local-and-regional-public-health](http://www.mass.gov/orgs/special-commission-on-local-and-regional-public-health)) and the intent of RFR 214333 (Public Health Excellence Grant Program for Shared Services), applicants will be prioritized for funding if they present evidence of having entered into a shared services agreement with at least two other jurisdictions or plan to enter into such agreement as part of RFR 214333. Municipalities eligible to apply under a shared services agreement are limited to: **Amherst, Barre, Belchertown, Boylston, Franklin, Douglas, Deerfield, Granby, Greenfield, Hadley, Hardwick, Holden, Leicester, Medway, Millbury, Montague, New Braintree, North Brookfield, Oxford, Pelham, Northborough, South Hadley, Southbridge, Sunderland, Sutton, Upton, Ware, Wayland, Webster, and West Boylston.** A selected number of municipalities which have primarily relied on the Community Tracing Collaborative for case/cluster investigation and contact tracing are eligible to apply independently: **Brookline, Chicopee, Fitchburg, Newton, Plymouth, Quincy, Randolph, Somerset, and Taunton.**

Due to the specific nature of COVID-19 case/cluster investigation and contact tracing, priority will be for the hiring of sufficient epidemiologic staffing to accomplish the scope of service outlined below. Jurisdictions may also expand their public health nursing staff capacity, but

only once their core epidemiologic capacity target has been reached, generally in a ratio of three epidemiologists for every one public health nurse. In order to promote social services coordination to support isolation and quarantine instructions, jurisdictions may use grant resource to create or expand their complement of community health workers.

### **Scope of Service**

Funded entities will expand their epidemiologic staffing, and to the degree necessary their public health nursing and other staff, to accomplish the following public health responsibilities:

1. Investigation of 100% of laboratory-confirmed cases of COVID-19 among their residents
2. Investigation, with DPH support, of 100% of cluster of cases of COVID-19 among their residents or occurring within their jurisdiction
3. Identification of 100% of close contacts as defined by DPH
4. Communication by phone, in person, or by electronic means with 100% of cases and close contacts to provide instruction in isolation and quarantine requirements as indicated
5. Timely reporting of the status of case/cluster investigation and contact tracing efforts per current public health regulations (105 CMR 300.000) to the Massachusetts Virtual Epidemiologic Network (MAVEN)
6. Support for individuals with expressed challenges observing isolation and quarantine instructions, to be coordinated with social services, childcare, nutritional, transportation, housing, mental health, and other practical supports at the local level.
7. Conducting of timely and complete analyses of case/cluster data to describe local COVID-19 epidemiology
8. Maintaining current staff training and proficiency in MAVEN

### **Performance Measures**

Funded entities will demonstrate on a quarterly basis the hiring, contracting, or progress toward hiring and contracting of sufficient epidemiologic and, as indicated, clinical and community health worker staff capacity to meet the scope of services outlined above, as well as the maintenance of this capacity for the duration of the grant program.

Funded entities will demonstrate through timely MAVEN reporting their fulfillment of the scope of services outlined above. Supplementary reporting of social services support coordination may be required on a periodic basis.

Funded entities will report their expenditures of grant resources on a quarterly basis and justify these expenditures according to the terms of this RFR in order to remain eligible for further installment payments of grant resources.

### **Criteria for Evaluating Response**

Awards will average \$150,000 per year per awardee but will be adjusted proportionally according to the size of the covered jurisdiction(s), their historic and current relative burden of COVID-19, and their risk of COVID-19 due to social vulnerability. Approximately 13 awards across shared services collaboratives and independent municipalities are anticipated. Expected range of awards: \$60,000 to \$400,000.

Proposals will be evaluated according to the following criteria:

- The proposal is complete including all required attachments and forms being received prior to the deadline
- Proposal presents a clear and specific plan for expanding the jurisdiction's epidemiologic staff, and as indicated clinical and community health worker staff capacity (note: existing staffing pattern and any staff expansion under RFR 214333 [Public Health Excellence Grant Program for Shared Services] will be taken into consideration)
- With the exception of those municipalities listed above which may apply independently, entities selected for funding have demonstrated their intent to establish shared services agreements with at least two other local public health authorities
- Proposals have clearly stated their intent and planned capacity to meet the terms of the scope of services outlined above

Applications will undergo two levels of review: Level I Technical Review and Level II Review. Level II review will take into consideration the clarity and appropriateness of staffing plan, commitment to assuming full responsibility for COVID-19 epidemiologic response, and budget.

Based on review scores, Department staff will make recommendations to the DPH Commissioner who makes the final funding determination.

**8. Instructions for Submission of Responses:**

**The forms listed on the COMMBUYS Bid Solicitation; File attachment section for this RFR must be submitted with your response where indicated.**

To assist bidders in identify the purpose of the attachments for this procurement; the forms posted on the COMMBUYS attachment section have a prefix according to the following chart:

REQ	Required	Must complete and return document with application
COMPREQ	Comptroller Required	If not already on file with the Comptroller complete and sign in blue ink and return with application
READ	Read Only	Read-only documents that do not need to be with the application.
INFO	Informational	Document is for informational purposes and will be required at the time of contract/engagement

**9. DEADLINE FOR RESPONSES or Grant Procurement Calendar (eliminate row if N/A):**

EVENT	DATE
<b>RFR Release Date</b>	<b>September 10, 2021</b>
<b>Bidders' Conference</b>	<b>September 23, 2021 3:00-4:00 PM (via WebEx)</b>  <a href="https://statema.webex.com/statema/j.php?MTID=m91773dadd69de0ead5469508c0a18a7a">https://statema.webex.com/statema/j.php?MTID=m91773dadd69de0ead5469508c0a18a7a</a>
<b>Deadline for Questions and Answers</b>  All Questions must be received in writing. Questions can be sent by email no later than the date and time indicated in the Procurement Calendar. The issuing department reserves the right not to respond to questions submitted after his date. All Questions with answers will be posted on the COMMBUYS Attachment section for this procurement.	<b>September 22, 2021 by 12:00 PM</b>  Email questions to:  <a href="mailto:ceci.dunn@mass.gov">ceci.dunn@mass.gov</a>
<b>The BID opening date (Deadline for Submission of Response)</b>	<b>October 7, 2021, 12:00 PM</b>  Email responses to:

	<a href="mailto:ceci.dunn@mass.gov">ceci.dunn@mass.gov</a>
<p><b>Deadline for Forms that require Ink Signatures.</b></p> <p><b>(See Instructions for Submission of Responses above for further instruction.)</b></p>	<p><b>Thursday, October 7, 2021</b></p> <p><b>Mail forms to:</b></p> <p><b>Ceci Dunn</b></p> <p><b>Deputy Director, Bureau of Infectious Disease and Laboratory Sciences</b></p> <p><b>DPH Jamaica Plain Campus/State Public Health Laboratory</b></p> <p><b>305 South Street</b></p> <p><b>Jamaica Plain, MA 02130</b></p>
<b>Anticipated Contract Start Date</b>	<b>November 1, 2021</b>

**Department of Public Health**

**INTENT TO AWARD NOTICE/BIDDERS LIST**

**DATE:** November 5, 2021  
**TO:** Interested Parties  
**FROM:** Kevin Cranston, MDiv, Assistant Commissioner  
**SUBJECT:** Notification of Intent to Contract Award/Bidder's List

The Intent of DPH is to award a contract pending the finalization of contract negotiations to the following vendors as a result of their bid submitted for

**RFR TITLE:** Local health support for COVID-19 case investigation and contact tracing

**RFR NUMBER:** 223127 REOPEN

**COMMBUYS BID NUMBER:** BD-21-1031-BID00-BID03-63767

**TYPE OF SOLICITATION:**  COMMBUYS  3 Bids  Other (Describe)\_\_\_\_\_

VENDOR NAME/ADDRESS	VEND. CUST. NO. (AD#)	CONTACT NAME	PHONE, EMAIL
Town of Brookline 11 Pierce Street, Brookline, MA 02445	VC6000191738 AD001	Lesley Archabal	617-730-2652 craft@brooklinema.gov
Central MA Regional Planning Commission (Blackstone Valley) 1 Mercantile Street, Worcester, MA 01608	VC6000159423 AD001	Connor Robichaud	508-756-3337 crobichaud@cmrpc.org
Town of Somerset Board of Health 115 Wood Street, Somerset, MA, 02726	VC6000191982 AD002	Timothy Turner	508-646-2804 tturner@town.somerset.ma.us
Town of Randolph Public Health Department 41 South Main Street, Randolph MA	VC6000191951 AD001	Gerard Cody	781-961-0924 gcody@randolph-ma.govCity
City of Northampton Health Department 212 Main Street, Northampton MA	VC6000192124 AD001	Merridith O'Leary	413-587-1213 moleary@northamptonma.gov
Town of Northborough 63 Main Street, Northborough, MA 01532	VC6000191916 AD001	Kristin Black	508-393-5009 <a href="mailto:kblack@town.northborough.ma.us">kblack@town.northborough.ma.us</a>
Town of Leicester Regional Public Health 3 Washburn Square, Leicester MA	VC6000191851 AD001	Francis Dagle	508-892-7008 <a href="mailto:daglef@leicesterma.org">daglef@leicesterma.org</a>
City of Fitchburg Health Department 718 Main Street, Fitchburg MA 01420	VC6000192093 AD001	Stephen Curry	978-829-1871 scurry@fitchburgma.gov
City of Quincy 1305 Hancock Street, Quincy MA 02169	VC6000192132 AD001	Stephen Pecevich	857-526-1905 specevich@quincyma.gov
Central MA Regional Planning Commission (South Central MA) 1 Mercantile Street Worcester, MA 01608	VC6000159423 AD001	Connor Robichaud	508-756-337 crobichaud@cmrpc.org
Town of Wayland Health Department 41 Cochituate Road Wayland, MA 01778	VC6000192027 AD001	Ruth Mori	508-358-3617 <a href="mailto:rmori@wayland.ma.us">rmori@wayland.ma.us</a>
Town of Franklin Health Department 355 East Central St Franklin MA	VC6000191794 AD001	Cathleen Liberty	508-520-4905 cliberty@franklinma.gov
Greenfield Health Department 20 Sanderson Street, Greenfield, MA 01301	VC6000191808 AD001	Jennifer Hoffman	413-772-1404 <a href="mailto:jennifer.hoffman@greenfield-ma.gov">jennifer.hoffman@greenfield-ma.gov</a>

City of Taunton 15 Summer Street, Taunton, MA 02780	VC6000192003 AD001	Taylor Torres	508-821-1030 <a href="mailto:ttorres@taunton-ma.gov">ttorres@taunton-ma.gov</a>
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The following vendors also submitted proposals:

VENDOR NAME	CONTACT NAME	PHONE

The Commonwealth of Massachusetts would like to express its appreciation and best wishes to all those who participated in the successful completion of this solicitation.



# TOWN OF NORTHBOROUGH TOWN CLERK

Town Hall Offices • 63 Main Street • Northborough, MA 01532 • 508-393-5001 • 508-393-6996 Fax

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TO: John W. Coderre, Town Administrator  
Northborough Board of Selectmen

FM: Andrew T. Dowd, Town Clerk

RE: Acceptance of the 2020 RE-PRECINCTING Plan for the Town of Northborough

DT: November 8, 2021

As required by Massachusetts General Law Chapter 54 section 6, the Board of Selectmen is required to vote to accept the 2020 re-precincting plan.

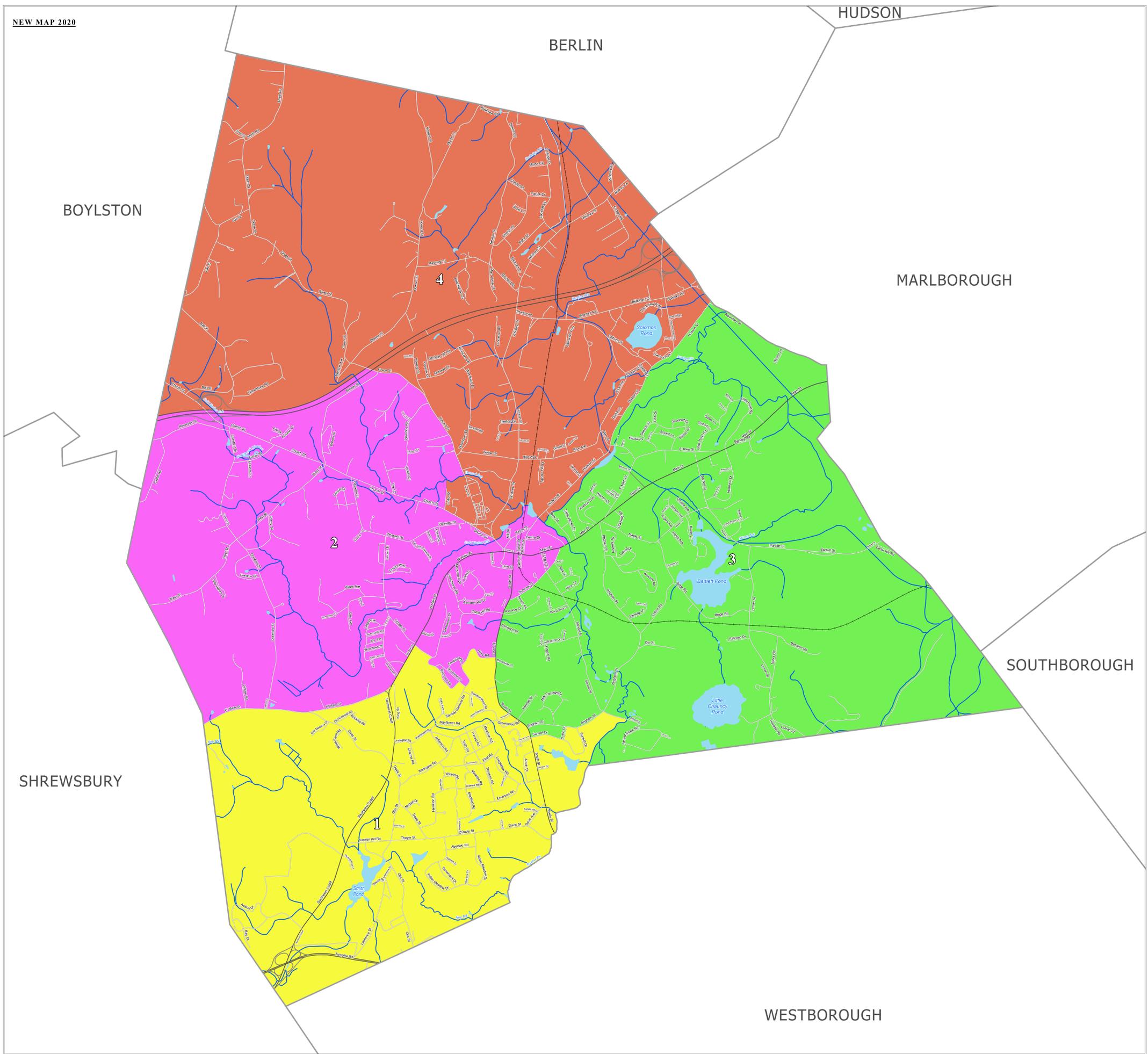
This process occurs every 10 years after the results of the US Census are released. The official 2020 US Census lists our current population at 15,741, a substantial increase since 2010 when our population was listed at 14,155. Although our population increased considerably, we are fortunate that our 4 precincts can still absorb the increase while staying under the maximum 4,000 residents per precinct requirement. Town staff works with our partners at the Census Bureau and Secretary of the Commonwealth to re-draw the precinct lines as needed. To keep our 4 precincts of equivalent size, there will be some minor changes to the borders of each precinct. Given that all Northborough voting precincts are now located at the Melican Middle School, this change will have little impact on our residents. Those voters will be notified of their precinct number change. The attached documents show the proposed new precinct map and current map for reference.

The basis for any redistricting plan is population. The Massachusetts Constitution requires that districts be formed with "as nearly as may be" an equal number of "inhabitants" as determined by the federal census. Municipalities themselves have the initial responsibility of establishing ward and precinct boundaries, which become the building blocks in determining legislative and local government districts.

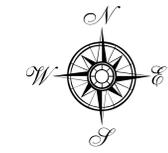
A precinct is the smallest geographically bounded unit used for state election purposes. A precinct is where one polling place in a municipality is located. After obtaining the necessary local approval, each city and town must submit their plans, including maps, population information and a legal description of the boundaries of each ward and precinct, to the Secretary of the Commonwealth who thereafter makes this information and material available to an independent commission known as the Local Election District Review Commission (LEDRC).

I would respectfully ask that the Board of Selectmen vote on the following motion:

**"I move that the Board vote to accept as presented by the Town Clerk, the 2020 Re-Precincting Plan for the Town of Northborough."**



# Town of Northborough



Map Prepared for the Town of Northborough  
 Courtesy of William F. Galvin, Census Liaison  
 Secretary of the Commonwealth

**2020 Population - - 15,741**

Minimum 5%	Target Population	Maximum 5%
3,738	3,935	4,000

### Precinct Boundaries Northborough

Precinct	2020 Population	Variance
1	3,996	1.55
2	3,889	-1.17
3	3,991	1.42
4	3,865	-1.78

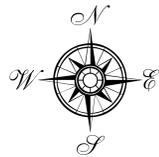
Population is based on the official U.S. 2020 Census block-level data.  
 Boundaries effective December 31, 2021

**Legend**

- Municipal Boundary
- Geographical Features**
- Major Road
- Local Road
- Railroad
- Other Municipal Features
- Streams, Rivers
- Coastal Water, Lakes, Ponds, Major Rivers

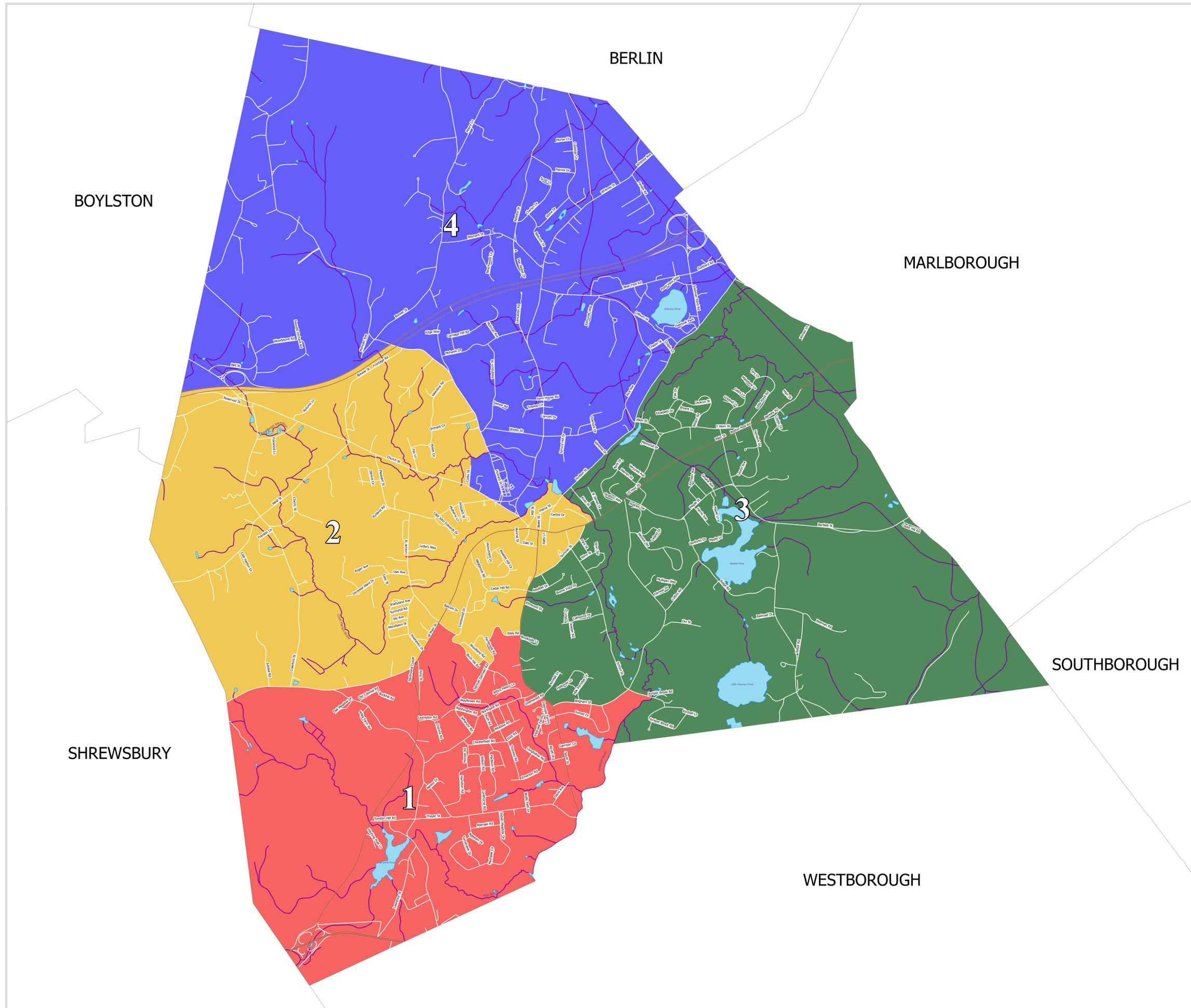


# The Town of Northborough



Map Prepared for the Town of Northborough  
 Courtesy of William F. Galvin, Census Liaison

Population is based on the official U.S. 2010 Census block-level data.



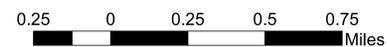
Minimum 5%	Target Population	Maximum 5%
3,362	3,539	3,716

### Precinct Boundaries Northborough

Precinct / Ward	2010 Population	Variance
1	3,400	-3.93
2	3,521	-0.51
3	3,695	4.41
4	3,539	0.00

**2010 Population - - 14,155**

Boundaries effective December 31, 2011





# TOWN OF NORTHBOROUGH TOWN CLERK

Town Hall Offices • 63 Main Street • Northborough, MA 01532 • 508-393-5001 • 508-393-6996 Fax

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## MEMORANDUM

TO: Members of the Board of Selectmen  
John W. Coderre, Town Administrator

FM: Andrew T. Dowd, Town Clerk

DT: November 8, 2021

RE: Redistricting of Massachusetts House and Senate Districts

In conjunction with the reprecincting required after the decennial census, the State Legislature is required to develop a redistricting plan to equalize voting districts due to population changes. The State Legislature has total control over any changes. The proposed plan changes our current representation in the House and Senate and is effective December 31<sup>st</sup>, 2021.

**State Senate:** All 4 Northborough precincts will now be in the same Senate district, represented by Senator Chandler. Previously our Senate district was split, 3 precincts in Senator Chandler's district, and 1 precinct in Senator Eldridge's district.

**House of Representatives:** Northborough residents in precinct 4 will remain in the 12<sup>th</sup> Worcester District, currently represented by Representative Kilcoyne. Northborough residents in precincts 1, 2, and 3 will now be in the newly created 19<sup>th</sup> Worcester District.

We will communicate additional information regarding these changes to residents once available, including updated maps.

## Northborough 2020 Legal Boundary Descriptions

### **Northborough Precinct 1**

All of that portion of Worcester County bounded and described as follows: Beginning at the point of intersection of W Main St and the Shrewsbury/Northborough town line, and proceeding easterly along W Main St to nonvisible boundary, and proceeding easterly along nonvisible boundary to W Main St, and proceeding northerly along W Main St to Crestwood Dr, and proceeding easterly along Crestwood Dr to Birch Hill Rd, and proceeding southerly along Birch Hill Rd to Woodland Rd, and proceeding easterly along Woodland Rd to Fernbrook Rd, and proceeding northerly along Fernbrook Rd to Riley Rd, and proceeding easterly along Riley Rd to South St, and proceeding southerly along South St to Sunset Dr, and proceeding easterly along Sunset Dr to Rustic Dr, and proceeding northerly along Rustic Dr to Brigham St, and proceeding easterly along Brigham St to School St, and proceeding easterly along School St to Assabet Riv, and proceeding westerly along Assabet Riv to the Westborough/Northborough town line, and proceeding southerly along the Westborough/Northborough town line to the Shrewsbury/Northborough town line, and proceeding northerly along the Shrewsbury/Northborough town line to the point of beginning.

### **Northborough Precinct 2**

All of that portion of Worcester County bounded and described as follows: Beginning at the point of intersection of the Shrewsbury/Northborough town line and W Main St, and proceeding northerly along the Shrewsbury/Northborough town line to the Boylston/Northborough town line, and proceeding northerly along the Boylston/Northborough town line to I- 290, and proceeding easterly along I- 290 to Green St, and proceeding easterly along Green St to Howard St, and proceeding southerly along Howard St to Howard Brk, and proceeding westerly along Howard Brk to nonvisible boundary, and proceeding southerly along nonvisible boundary to Colby St, and proceeding southerly along Colby St to Church St, and proceeding easterly along Church St to Cold Harbor Brk, and proceeding northerly along Cold Harbor Brk to Howard Brk, and proceeding easterly along Howard Brk to stream/river, and proceeding easterly along stream/river to Assabet Riv, and proceeding easterly along Assabet Riv to Main St, and proceeding westerly along Main St to Summer St, and proceeding southerly along Summer St to South St, and proceeding southerly along South St to Riley Rd, and proceeding westerly along Riley Rd to Fernbrook Rd, and proceeding southerly along Fernbrook Rd to Woodland Rd, and proceeding westerly along Woodland Rd to Birch Hill Rd, and proceeding westerly along Birch Hill Rd to Crestwood Dr, and proceeding westerly along Crestwood Dr to W Main St, and proceeding southerly along W Main St to nonvisible boundary, and proceeding southerly along nonvisible boundary to W Main St, and proceeding westerly along W Main St to the point of beginning.

### **Northborough Precinct 3**

All of that portion of Worcester County bounded and described as follows: Beginning at the point of intersection of South St and Sunset Dr, and proceeding northerly along South St to Summer St, and proceeding easterly along Summer St to Main St, and proceeding easterly along Main St to Assabet Riv, and proceeding westerly along Assabet Riv to shoreline, and proceeding easterly along shoreline to Allen

St, and proceeding westerly along Allen St to Hudson St, and proceeding northerly along Hudson St to the Marlborough/Northborough city/town line, and proceeding southerly along the Marlborough/Northborough city/town line to the Southborough/Northborough town line, and proceeding southerly along the Southborough/Northborough town line to the Westborough/Northborough town line, and proceeding westerly along the Westborough/Northborough town line to Assabet Riv, and proceeding northerly along Assabet Riv to School St, and proceeding westerly along School St to Brigham St, and proceeding westerly along Brigham St to Rustic Dr, and proceeding southerly along Rustic Dr to Sunset Dr, and proceeding westerly along Sunset Dr to the point of beginning.

#### **Northborough Precinct 4**

All of that portion of Worcester County bounded and described as follows: Beginning at the point of intersection of the Boylston/Northborough town line and I- 290, and proceeding northerly along the Boylston/Northborough town line to the Berlin/Northborough town line, and proceeding easterly along the Berlin/Northborough town line to the Marlborough/Northborough city/town line, and proceeding westerly along the Marlborough/Northborough city/town line to Hudson St, and proceeding southerly along Hudson St to Allen St, and proceeding easterly along Allen St to shoreline, and proceeding southerly along shoreline to Assabet Riv, and proceeding southerly along Assabet Riv to stream/river, and proceeding westerly along stream/river to Howard Brk, and proceeding westerly along Howard Brk to Cold Harbor Brk, and proceeding southerly along Cold Harbor Brk to Church St, and proceeding northerly along Church St to Colby St, and proceeding northerly along Colby St to nonvisible boundary, and proceeding northerly along nonvisible boundary to Howard Brk, and proceeding easterly along Howard Brk to Howard St, and proceeding northerly along Howard St to Green St, and proceeding westerly along Green St to I- 290, and proceeding westerly along I- 290 to the point of beginning.

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011005	310	268	0	25	3	0	2	12	9	301
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011007	47	31	6	4	1	0	0	5	1	46
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011010	124	103	4	12	1	0	1	3	4	120
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011011	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011012	18	9	1	3	2	0	0	3	3	15
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011013	60	56	0	0	1	0	0	3	3	57
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011014	117	99	0	7	0	0	0	11	0	117
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401011015	150	117	2	27	2	0	0	2	3	147
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012014	116	92	0	12	6	0	0	6	7	109
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012015	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012016	471	262	16	140	17	0	0	36	25	446
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012017	39	21	0	12	1	0	0	5	8	31
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012018	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012019	305	160	25	86	9	0	0	25	23	282
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012020	48	26	0	14	0	0	0	8	2	46
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012021	17	0	4	3	0	0	0	10	0	17
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012022	11	2	0	0	2	0	0	7	9	2
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012023	276	229	0	32	2	0	0	13	4	272
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012024	141	94	5	37	0	0	0	5	1	140
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012025	50	35	0	11	0	0	2	2	0	50
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012026	56	39	0	14	0	0	0	3	0	56
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012027	4	0	0	4	0	0	0	0	0	4
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012028	38	33	0	2	1	0	0	2	0	38
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012029	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012030	3	1	0	2	0	0	0	0	1	2
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012031	11	11	0	0	0	0	0	0	0	11
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012032	3	1	0	2	0	0	0	0	0	3
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012033	20	4	0	0	7	0	0	9	0	20
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012034	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012035	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012036	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401012037	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023000	124	109	0	7	0	0	0	8	5	119
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023001	46	41	0	3	0	0	0	2	4	42
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023003	109	100	3	2	0	1	0	3	2	107
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023004	21	17	1	3	0	0	0	0	0	21
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023005	24	16	0	6	0	0	0	2	0	24
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023006	248	192	1	43	0	0	0	12	1	247
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023007	25	19	2	1	0	0	0	3	4	21
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023008	83	83	0	0	0	0	0	0	0	83
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023009	35	26	0	2	1	0	0	6	4	31
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023010	34	30	0	2	0	0	0	2	1	33
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023011	42	32	2	4	0	0	0	4	3	39
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023012	61	55	0	6	0	0	0	0	0	61
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023013	56	52	0	4	0	0	0	0	0	56
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023014	137	117	2	8	0	0	0	10	8	129
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023015	26	17	0	7	1	0	0	1	0	26

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023016	196	160	0	21	2	0	0	13	2	194
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023017	86	64	0	11	0	0	0	11	5	81
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023018	28	16	0	7	0	0	0	5	5	23
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023019	56	51	0	2	0	0	0	3	2	54
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023020	31	23	0	1	0	0	0	7	6	25
Northborough Town Precinct 1	Northborough Town Precinct 1	250277401023021	93	88	0	1	0	0	2	2	0	93
<b>Northborough Town Precinct 1 Total</b>			<b>53</b>	<b>3,996</b>	<b>74</b>	<b>590</b>	<b>59</b>	<b>1</b>	<b>7</b>	<b>264</b>	<b>155</b>	<b>3,841</b>
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011000	219	164	2	24	14	0	0	15	22	197
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011001	139	112	9	5	4	0	0	9	10	129
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011002	26	24	0	0	0	0	0	2	0	26
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011003	20	14	0	1	2	0	0	3	4	16
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011004	15	6	0	3	1	0	0	5	2	13
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011006	32	24	1	0	1	0	0	6	0	32
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011008	143	123	0	19	0	0	0	1	0	143
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011009	22	11	2	4	3	0	1	1	2	20
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011016	58	51	0	1	0	0	0	6	1	57
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011017	43	29	0	2	5	0	0	7	1	42
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011018	30	16	0	3	0	0	0	11	8	22
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401011019	28	19	6	0	2	0	0	1	1	27
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012000	251	228	1	15	0	0	0	7	2	249
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012001	39	18	0	3	12	0	1	5	7	32
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012002	49	36	1	9	0	0	0	3	1	48
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012003	34	23	2	6	3	0	0	0	10	24
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012004	16	6	3	0	2	0	0	5	7	9
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012005	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012007	103	79	0	11	0	0	0	13	2	101
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012008	166	150	0	13	1	0	0	2	1	165
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012009	31	14	0	13	0	0	0	4	3	28
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012010	234	204	4	13	3	0	0	10	7	227
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012011	37	28	0	0	0	0	0	9	4	33
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012012	28	20	0	0	0	0	0	8	1	27
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401012013	140	93	0	34	1	0	2	10	2	138
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013023	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013024	150	81	0	54	1	0	3	11	12	138
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013025	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013026	149	134	2	1	1	0	0	11	8	141
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013027	69	55	1	0	1	0	0	12	6	63
Northborough Town Precinct 2	Northborough Town Precinct 2	250277401013029	185	154	0	19	2	0	0	10	10	175
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001007	102	79	2	0	8	0	0	13	6	96
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001008	15	6	0	2	2	0	0	5	2	13
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001009	34	22	0	6	1	0	0	5	0	34
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001012	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001013	16	9	1	2	1	0	0	3	0	16
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402001014	38	18	0	0	10	0	0	10	0	38
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402002003	42	26	6	2	0	0	0	8	0	42
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402002004	168	132	0	15	1	0	2	18	3	165

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402002005	57	47	0	4	3	0	2	1	2	55	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003001	31	20	7	1	3	0	0	0	3	28	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003002	144	124	1	5	2	0	0	12	6	138	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003003	10	3	0	4	0	0	0	3	0	10	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003004	156	127	0	1	9	0	0	19	2	154	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003006	135	125	1	0	4	0	0	5	0	135	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003007	137	102	0	23	1	0	0	11	3	134	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003008	10	4	0	2	0	0	0	4	2	8	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003009	102	79	0	4	6	0	0	13	1	101	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003010	25	11	1	7	3	0	0	3	4	21	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003011	6	3	0	0	0	0	0	3	0	6	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003012	184	172	0	11	0	0	0	1	3	181	
Northborough Town Precinct 2	Northborough Town Precinct 2	250277402003013	21	8	0	1	0	2	0	10	0	21	
<b>Northborough Town Precinct 2 Total</b>			<b>52</b>	<b>3,889</b>	<b>3,033</b>	<b>53</b>	<b>343</b>	<b>113</b>	<b>2</b>	<b>11</b>	<b>334</b>	<b>171</b>	<b>3,718</b>
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021031	44	26	3	12	0	0	0	3	0	44	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021032	117	76	0	31	0	0	1	9	11	106	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021033	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021034	372	268	14	78	6	0	0	6	8	364	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021035	45	36	3	4	0	0	0	2	2	43	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021036	79	65	0	8	0	0	0	6	4	75	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021037	23	13	0	0	4	0	1	5	4	19	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021038	37	20	7	0	0	0	0	10	4	33	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021039	47	36	0	6	1	0	0	4	2	45	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401021040	82	60	0	7	10	0	0	5	13	69	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022000	80	66	1	2	6	0	0	5	8	72	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022001	213	141	0	63	4	0	1	4	7	206	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022002	10	5	0	2	0	0	0	3	0	10	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022003	31	21	0	6	0	0	0	4	0	31	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022004	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022005	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022006	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022007	7	1	0	1	0	0	0	5	3	4	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022008	13	7	0	0	2	0	0	4	0	13	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022009	57	38	0	5	3	0	1	10	3	54	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022010	55	50	0	1	0	0	0	4	0	55	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022011	48	37	0	2	0	0	0	9	2	46	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022012	10	8	0	0	0	0	0	2	1	9	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022013	111	72	2	20	6	0	0	11	5	106	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022014	175	155	8	12	0	0	0	0	2	173	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022015	86	62	0	7	4	0	0	13	14	72	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022016	38	21	0	7	1	0	0	9	5	33	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022017	39	24	0	2	5	0	0	8	11	28	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022018	23	9	2	11	0	0	0	1	1	22	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022019	358	285	9	44	7	0	0	13	4	354	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022020	39	36	2	1	0	0	0	0	2	37	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022021	17	13	0	3	1	0	0	0	0	17	

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022022	40	32	0	8	0	0	0	0	0	40	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022023	47	31	1	0	3	0	2	10	2	45	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022024	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022025	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022026	12	7	0	0	1	0	0	4	2	10	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022027	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022028	4	2	0	0	1	0	0	1	1	3	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022029	114	99	0	7	3	0	0	5	2	112	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022030	18	8	0	4	2	0	0	4	2	16	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022031	59	52	2	1	2	0	0	2	1	58	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022032	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277401022033	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 1	250277401023002	64	53	0	0	4	0	0	7	5	59	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402001002	237	198	2	19	0	0	0	18	6	231	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402001003	42	31	0	6	0	0	0	5	5	37	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402001004	23	18	0	5	0	0	0	0	0	23	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402001005	21	16	0	0	1	0	0	4	0	21	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002000	133	106	0	6	12	1	0	8	6	127	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002001	82	63	0	19	0	0	0	0	2	80	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002002	141	103	0	14	9	0	0	15	4	137	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002006	26	12	0	4	2	0	0	8	4	22	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002007	114	100	0	3	0	0	0	11	4	110	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002008	31	21	0	0	1	0	0	9	1	30	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002009	40	38	0	0	0	0	0	2	0	40	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002010	24	12	1	2	4	0	0	5	7	17	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002011	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002012	428	333	5	60	0	0	0	30	0	428	
Northborough Town Precinct 3	Northborough Town Precinct 3	250277402002013	35	24	4	2	0	0	0	5	3	32	
<b>Northborough Town Precinct 3 Total</b>			<b>60</b>	<b>3,991</b>	<b>3,010</b>	<b>66</b>	<b>495</b>	<b>105</b>	<b>1</b>	<b>6</b>	<b>308</b>	<b>173</b>	<b>3,818</b>
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401012006	37	18	8	1	2	0	0	8	3	34	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013000	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013001	33	31	0	0	0	0	0	2	0	33	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013002	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013003	86	77	0	4	0	0	0	5	2	84	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013004	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013005	45	41	1	0	2	0	0	1	2	43	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013006	272	240	0	17	0	0	0	15	0	272	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013007	75	45	1	19	3	0	0	7	2	73	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013008	21	14	0	0	6	0	0	1	7	14	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013009	56	51	0	1	0	0	0	4	4	52	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013010	65	59	0	0	0	0	0	6	4	61	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013011	64	58	0	1	0	0	0	5	0	64	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013012	0	0	0	0	0	0	0	0	0	0	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013013	81	80	0	0	0	0	0	1	0	81	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013014	67	59	0	2	0	0	0	6	0	67	
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013015	4	1	1	0	0	0	0	2	0	4	

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013016	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013017	199	158	0	29	0	0	0	12	2	197
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013018	34	27	2	0	2	0	0	3	0	34
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013019	15	10	0	4	0	0	0	1	0	15
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013020	53	44	0	5	1	0	0	3	2	51
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013021	79	70	0	2	0	0	0	7	0	79
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013022	25	17	0	3	2	0	0	3	5	20
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013028	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401013030	25	14	0	7	0	0	0	4	3	22
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021000	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021001	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021002	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021003	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021004	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021005	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021006	63	59	1	2	0	0	0	1	1	62
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021007	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021008	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021009	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021010	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021011	11	0	0	0	2	0	0	9	6	5
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021012	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021013	0	0	0	0	0	0	0	0	0	0
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021014	251	221	0	13	11	0	0	6	4	247
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021015	25	16	0	3	1	0	0	5	0	25
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021016	114	91	0	10	6	0	0	7	0	114
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021017	28	15	0	3	0	0	1	9	6	22
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021018	278	235	2	19	4	0	0	18	8	270
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021019	254	207	0	31	1	0	0	15	6	248
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021020	47	37	0	0	0	0	0	10	2	45
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021021	166	149	2	3	0	0	0	12	1	165
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021022	80	64	0	3	5	0	0	8	14	66
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021023	73	53	2	11	0	0	0	7	3	70
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021024	5	3	0	0	0	0	0	2	0	5
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021025	153	130	0	17	4	0	0	2	4	149
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021026	15	4	2	7	0	0	0	2	0	15
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021027	27	20	1	0	4	0	0	2	7	20
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021028	119	100	2	15	0	0	0	2	0	119
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021029	21	15	2	2	1	0	0	1	1	20
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021030	81	57	0	16	1	0	0	7	3	78
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021041	24	4	0	2	1	0	0	17	3	21
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021042	167	81	0	81	5	0	0	0	0	167
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021043	55	41	0	9	0	0	0	5	0	55
Northborough Town Precinct 4	Northborough Town Precinct 4	250277401021044	34	25	2	0	5	0	0	2	3	31
Northborough Town Precinct 4	Northborough Town Precinct 4	250277402001000	189	153	0	26	4	0	0	6	7	182
Northborough Town Precinct 4	Northborough Town Precinct 3	250277402001001	27	15	0	0	6	0	0	6	1	26
Northborough Town Precinct 4	Northborough Town Precinct 3	250277402001006	0	0	0	0	0	0	0	0	0	0

Northborough 2020

New VTD	Old VTD	Block ID	TotalPop	WHITE	BLACK	ASIAN	Other	NHPI	AIAN	Pop2Race	Hispanic	Not Hispanic
Northborough Town Precinct 4	Northborough Town Precinct 4	250277402001010	115	43	3	65	0	0	0	4	0	115
Northborough Town Precinct 4	Northborough Town Precinct 4	250277402001011	42	31	2	0	7	0	0	2	7	35
Northborough Town Precinct 4	Northborough Town Precinct 4	250277402003000	65	47	1	5	2	0	1	9	1	64
Northborough Town Precinct 4	Northborough Town Precinct 4	250277402003005	0	0	0	0	0	0	0	0	0	0
<b>Northborough Town Precinct 4 Total</b>			<b>68</b>	<b>3,865</b>	<b>35</b>	<b>438</b>	<b>88</b>	<b>0</b>	<b>2</b>	<b>272</b>	<b>124</b>	<b>3,741</b>
<b>Grand Total</b>		<b>233</b>	<b>15,741</b>	<b>12,074</b>	<b>228</b>	<b>1,866</b>	<b>365</b>	<b>4</b>	<b>26</b>	<b>1,178</b>	<b>623</b>	<b>15,118</b>

[RETURN TO AGENDA](#)

# MEMO

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TO: Honorable Board of Selectmen

CC: John Coderre, Town Administrator  
William Lyver, Police Chief  
Scott Charpentier, Public Works Director

FROM: Fred Litchfield, Town Engineer

DATE: November 4, 2021

RE: Ridge Road and Maple Street Heavy Commercial Vehicle Truck Exclusion

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As you may recall this past summer, I provided you with some traffic data for the Bartlett Street area as obtained by the Central Massachusetts Regional Planning Agency as part of their annual traffic counting plans within the Town of Northborough. The data indicated the truck traffic on Ridge Road exceeded the minimum 5% required to request an HCVE and I submitted the attached formal application to the Massachusetts Department of Transportation (Mass DOT) for a 24 hour Heavy Commercial Vehicle Exclusion. Also attached is a copy of a letter from Jim Danila, State Traffic Engineer approving the request.

At this time, I would like to request the Board of Selectmen vote to amend the Town Code by adding to Part 9-108-140 (2.5 Ton Truck Exclusions) section E: Ridge Road and amending the current HCVE on Maple Street to include the portion of Maple Street from Ridge Road to Bartlett Street. Once this action is taken by the Board of Selectmen, Mass DOT has indicated they will issue the appropriate permit and the signs indicating the Truck Exclusion is in effect can be installed by the Public Works Department.

I will be available to answer any questions you may have regarding this matter at your meeting on Monday, November 8, 2021



Charles D. Baker, Governor  
Karyn E. Polito, Lieutenant Governor  
Jamey Tesler, Secretary & CEO  
Jonathan L. Gulliver, Highway Administrator



November 2, 2021

Mr. John Coderre  
Town Administrator  
63 Main Street  
Northborough, MA 01604

Dear Mr. Coderre:

This is relative to a recent request received by MassDOT for a twenty-four hour, two and one-half ton capacity Heavy Commercial Vehicle Exclusion (HCVE) for the upper portion of Maple Street and Ridge Road in the Town of Northborough.

Both our District 3 Traffic Engineering Section and our Boston Office Regulations Section are in agreement with the Town that a HCVE is warranted on this portion of Maple Street and Ridge Road.

Please forward to this office at your earliest convenience a copy of the official adoption of this Traffic Rule and Regulation by the Board of Selectmen into the Town's Traffic Rules and Orders and once received, MassDOT will then issue the appropriate permit.

Sincerely,

Jim Danila,  
State Traffic Engineer

RFW/  
Dist. 3 Traffic  
Fred Litchfield, Town Engineer  
Scott Charpentier, DPW Director



**TOWN OF NORTHBOROUGH TOWN OFFICES**  
63 Main Street • Northborough, MA 01532 • [www.town.northborough.ma.us](http://www.town.northborough.ma.us)

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September 9, 2021

Mr. Barry J. Lorion, P.E.  
District Highway Director  
Mass DOT, Highway Division, District 3  
499 Plantation Parkway  
Worcester, MA 01605

Reference: Heavy Commercial Vehicle Exclusion

Dear Director Lorion,

This letter will serve as the Town of Northborough's formal application to consider the above-referenced subject on Ridge Road and a portion of Maple Street for a 24 hour Heavy Commercial Vehicle Exclusion.

The geometry of Ridge Road and Maple Street are such that the use of heavy commercial vehicles causes a substantial reduction of capacity and safety.

Ridge Road, Maple Street and the alternate ways lie wholly within our community.

Attached please find an introduction and the data as outlined in the Massachusetts Amendments to the 2009 Manual of Uniform Traffic Control Devices and the Standard Municipal Traffic Code.

Thank you for your assistance and for all your efforts on our behalf, please feel free to contact me at 508-393-5015 with any questions you may have.

Sincerely,

Fred Litchfield  
Town Engineer

cc: Town Administrator, John Coderre  
Scott Charpentier, P.E., Public Works Director  
file

**24 HOUR EXCLUSION  
REQUEST FOR HEAVY  
COMERCIAL VEHICLES ON  
RIDGE ROAD and a portion  
of MAPLE STREET,  
Northborough, MA**

Engineering Report for the  
Massachusetts Department of Transportation

Prepared by Frederic E. Litchfield, Jr., P.E.  
Northborough Department of Public Works

September 9, 2021

## Introduction

As a result of significant Industrial development in the southeast portion of Northborough over the last several years, the Department of Public Works (DPW) is requesting a 24-hour heavy commercial vehicle exclusion (HCVE) for Ridge Road, between Lyman Street and Maple Street and the portion of Maple Street between Bartlett Street and Ridge Road, from the Massachusetts Department of Transportation (MassDOT).

For MassDOT to issue a HCVE for a municipal way, the applicant must demonstrate that a suitable alternate route is available. The alternate route shall have an effective width and pavement structure which can safely accommodate the additional truck traffic. In addition, the alternate route must meet one of the following conditions:

- (1) Lie wholly within the community making application,
- (2) Lie partially in an adjacent community but only on State Highway, or
- (3) Lie partially in an adjacent community but have the adjacent community's written approval.

In addition, one or more of the following warrants may be sufficient justification for truck exclusion:

A. A volume of heavy commercial vehicles, which usually is in the range of five (5) to eight (8) percent, reduces the utilization of the facility and is cause for a substantial reduction in capacity or safety.

B. The condition of the pavement structure of the route to be excluded indicates that further repeated heavy wheel loads will result in severe deterioration of the roadway. (Subject to Department review)

C. Notwithstanding the foregoing, in certain instances where land use is primarily residential in nature and a municipality has requested exclusion only during hours of darkness, a specific night exclusion may be granted.

The Massachusetts Amendments to the 2009 Manual of Uniform Traffic Control Devices, as revised through January 2012, and the Standard Municipal Traffic Code, Part 10 Traffic Regulations, Section 10A-9 Heavy Commercial Vehicle Exclusion, Subsection 2 Data Requires the following information:

- A. A twenty-four hour consecutive count of all vehicles using the subject street.
  - (1) Commercial vehicles with a carrying capacity over 2½ tons
  - (2) Other vehicles
- B. Map of the area, with the excluded street marked in red, the alternate route in green.

- C. Physical characteristics of excluded and alternate streets in question, i.e, length, width, type and condition of surface and sidewalk.
- D. Types of buildings or property abutting street (Residential, Business, School, Playground, etc).
- E. Zoning of Street (Residential, Industrial, etc.).
- F. Proximity of probable alternate route to the proposed excluded route and the additional distance to be traveled using the alternate route.
- G. Types of traffic control existing on street.
- H. Hours during which exclusion is to be in effect.
- I. A written statement from the municipality as to the need for the exclusion, and acknowledgement of acceptance of the responsibility for installation and maintenance of appropriate signage.

## Required Data

- A. See Exhibit A for the twenty-four hour consecutive count of all vehicles using Ridge Road between Lyman Street and Maple Street. The counts were taken at two separate locations 43 Ridge Road and 100 Ridge Road:
  - 1) Exhibit A-1 is the Truck Counts at 43 Ridge Road, for a fourteen (14) day period from 5/18/21 - 5/31/21 in both directions along Ridge Road. You can see from this information that heavy trucks (2-axle, 6 tire and up) exceeded 5% of the total volume of vehicles on 13 out of the 14 days counted along Ridge Road.
  - 2) Unfortunately, there was an equipment failure during the time the counts were taken in front of 100 Ridge Road and therefore the data is broken up into two periods. The first, Exhibit A-2-a is a two day period 5/18/21 and 5/19/21 where the volume of heavy trucks (2-axle, 6 tire and up) exceeded 5% of the total volume of vehicles on 1 out of the 2 days counted. The second, Exhibit A-2-b is a seven day period where the volume of heavy trucks (2-axle, 6 tire and up) exceeded 5% of the total volume of vehicles on 5 out of the 7 days.
  - 3) Also included is Exhibit A-3 which is the twenty-four hour consecutive count of all vehicles using the portion of Maple Street between Bartlett Street and Ridge Road. The counts were taken in front of house number 115 Maple Street and are provided for a 14 day period from 5/18/21 - 5/31/21 in both directions along Maple Street. You can see from this information that heavy trucks (2-axle, 6 tire and up) do not exceeded 5% of the total volume of vehicles on any of the days counted although the 14 day average volume of trucks is 3.57%, with a single day maximum count of 4.9% and in reviewing the map you can see there is no place for a truck to exit the neighborhood or turn around on Maple Street due to location of the previously approved HCVE on Maple Street between Route 20 and Ridge Road. We are requesting this portion of Maple Street also be excluded.

B. See attached Exhibit B for a map of the area with the currently excluded streets shown in red, the proposed excluded streets shown in dashed red lines and the alternate routes are shown in green. Please note the counter locations are shown as solid orange blocks. The map also indicates the lengths along each roadway segment.

C. See attached Exhibit C for a table showing the physical characteristics of the excluded and alternate roadways.

D. The types of buildings found along each roadway are also listed in Exhibit B.

E. A current Zoning Map showing the location of the Residential, Business, and Industrial districts is also provided.

F. The table below shows the distance traveled for the excluded and alternate route which are also shown on Exhibit C.

	Excluded Route	Alternate Route
A → B	1.25 miles (6600 feet)	1.74 miles (9200 feet)

G. Ridge Road is controlled by a stop signs at both the intersection with Lyman Street and Maple Street.

H. The exclusion is requested to be in effect 24-hours a day.

I. The Town of Northborough is requesting this Heavy Commercial Vehicle Exclusion for Ridge Road and the portion of Maple Street between Bartlett Street and Ridge Road because the width and alignment of this roadway does not allow for the safe passage of two large vehicles traveling in opposite directions and the traffic counts indicate the volume of heavy commercial vehicles exceeds 5% on this portion of Ridge Road. The alternate route which includes Bartlett Street and Route 20 a State Highway which are much more suitable to these types of vehicles.

Exhibit C also indicates the proposed locations of each of the requested signs (R12-3) and the location of the existing No Trucks signs as previously approved for Collins Road and a portion of Maple Street. The signs shall read “**NO TRUCKS** over 5000 LBS EMPTY WT” and the Town proposes to install four (4) additional signs as shown on Exhibit B.

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/18/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	21	0	19	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	14	0	12	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	4	0	3	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	17	0	15	1	0	1	0	0	0	0	0	0	0	0
5:00 AM	38	0	29	6	0	3	0	0	0	0	0	0	0	0
6:00 AM	96	0	70	17	3	6	0	0	0	0	0	0	0	0
7:00 AM	137	0	103	24	4	6	0	0	0	0	0	0	0	0
8:00 AM	117	0	82	29	2	4	0	0	0	0	0	0	0	0
9:00 AM	56	0	34	17	0	3	0	0	1	1	0	0	0	0
10:00 AM	63	2	43	13	0	4	0	0	1	0	0	0	0	0
11:00 AM	57	0	39	11	0	7	0	0	0	0	0	0	0	0
12:00 PM	69	0	62	5	0	2	0	0	0	0	0	0	0	0
1:00 PM	114	0	86	19	2	7	0	0	0	0	0	0	0	0
2:00 PM	152	0	113	22	7	10	0	0	0	0	0	0	0	0
3:00 PM	156	1	106	36	2	11	0	0	0	0	0	0	0	0
4:00 PM	116	0	93	18	1	4	0	0	0	0	0	0	0	0
5:00 PM	143	1	102	32	0	7	0	0	1	0	0	0	0	0
6:00 PM	119	2	100	13	1	3	0	0	0	0	0	0	0	0
7:00 PM	70	0	52	15	0	3	0	0	0	0	0	0	0	0
8:00 PM	47	0	39	4	0	4	0	0	0	0	0	0	0	0
9:00 PM	23	0	21	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	20	0	19	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	14	0	12	2	0	0	0	0	0	0	0	0	0	0
Total	1667	6	1258	290	22	87	0	0	3	1	0	0	0	0
%		0.4	75.5	17.4	1.3	5.2	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0

**5.5%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/19/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	18	0	16	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	17	0	15	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	7	1	5	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	5	0	4	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	18	0	16	0	0	2	0	0	0	0	0	0	0	0
5:00 AM	37	0	28	7	0	2	0	0	0	0	0	0	0	0
6:00 AM	88	0	69	13	1	5	0	0	0	0	0	0	0	0
7:00 AM	160	1	120	30	3	6	0	0	0	0	0	0	0	0
8:00 AM	114	0	72	37	1	4	0	0	0	0	0	0	0	0
9:00 AM	70	0	54	12	0	4	0	0	0	0	0	0	0	0
10:00 AM	73	1	51	14	0	6	0	0	1	0	0	0	0	0
11:00 AM	72	1	53	9	0	9	0	0	0	0	0	0	0	0
12:00 PM	68	0	45	16	0	7	0	0	0	0	0	0	0	0
1:00 PM	123	1	96	19	0	7	0	0	0	0	0	0	0	0
2:00 PM	132	0	96	24	5	5	0	0	2	0	0	0	0	0
3:00 PM	155	1	118	28	2	6	0	0	0	0	0	0	0	0
4:00 PM	130	1	98	24	0	7	0	0	0	0	0	0	0	0
5:00 PM	139	0	107	25	0	6	0	0	1	0	0	0	0	0
6:00 PM	111	1	89	16	0	5	0	0	0	0	0	0	0	0
7:00 PM	108	0	85	21	0	2	0	0	0	0	0	0	0	0
8:00 PM	42	0	33	6	0	3	0	0	0	0	0	0	0	0
9:00 PM	21	0	18	3	0	0	0	0	0	0	0	0	0	0
10:00 PM	22	0	19	3	0	0	0	0	0	0	0	0	0	0
11:00 PM	9	0	7	2	0	0	0	0	0	0	0	0	0	0
Total	1739	8	1314	314	12	87	0	0	4	0	0	0	0	0
%		0.5	75.6	18.1	0.7	5.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**5.2%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/20/2021  
 Thursday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	17	0	15	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	15	0	12	2	0	1	0	0	0	0	0	0	0	0
2:00 AM	5	1	3	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	17	0	16	1	0	0	0	0	0	0	0	0	0	0
5:00 AM	33	0	25	5	0	3	0	0	0	0	0	0	0	0
6:00 AM	93	0	67	16	3	7	0	0	0	0	0	0	0	0
7:00 AM	149	2	107	29	2	9	0	0	0	0	0	0	0	0
8:00 AM	101	0	72	24	1	3	0	0	1	0	0	0	0	0
9:00 AM	52	0	36	13	0	2	0	0	1	0	0	0	0	0
10:00 AM	66	0	48	12	0	5	0	0	1	0	0	0	0	0
11:00 AM	66	1	44	18	0	2	1	0	0	0	0	0	0	0
12:00 PM	80	0	53	20	0	6	0	0	1	0	0	0	0	0
1:00 PM	116	1	87	19	0	7	0	0	2	0	0	0	0	0
2:00 PM	151	0	109	27	6	8	0	0	1	0	0	0	0	0
3:00 PM	135	0	96	31	2	6	0	0	0	0	0	0	0	0
4:00 PM	127	0	93	23	0	10	0	0	1	0	0	0	0	0
5:00 PM	154	1	108	36	0	8	0	0	1	0	0	0	0	0
6:00 PM	114	0	93	16	0	5	0	0	0	0	0	0	0	0
7:00 PM	100	0	78	17	0	5	0	0	0	0	0	0	0	0
8:00 PM	40	0	33	4	0	3	0	0	0	0	0	0	0	0
9:00 PM	27	0	23	4	0	0	0	0	0	0	0	0	0	0
10:00 PM	13	0	11	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	9	0	7	1	0	1	0	0	0	0	0	0	0	0
Total	1684	6	1239	323	14	92	1	0	9	0	0	0	0	0
%		0.4	73.6	19.2	0.8	5.5	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0

**6.1%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/21/2021  
 Friday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	19	0	18	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	17	0	15	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	6	0	5	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	16	0	13	1	0	2	0	0	0	0	0	0	0	0
5:00 AM	36	0	27	5	0	4	0	0	0	0	0	0	0	0
6:00 AM	95	0	73	12	1	9	0	0	0	0	0	0	0	0
7:00 AM	148	0	111	26	4	6	1	0	0	0	0	0	0	0
8:00 AM	91	0	59	29	1	2	0	0	0	0	0	0	0	0
9:00 AM	69	0	48	16	0	4	1	0	0	0	0	0	0	0
10:00 AM	63	0	51	11	0	1	0	0	0	0	0	0	0	0
11:00 AM	56	1	40	12	0	3	0	0	0	0	0	0	0	0
12:00 PM	93	0	73	16	0	3	0	0	1	0	0	0	0	0
1:00 PM	127	1	96	22	1	7	0	0	0	0	0	0	0	0
2:00 PM	169	0	128	29	6	6	0	0	0	0	0	0	0	0
3:00 PM	138	0	98	32	2	6	0	0	0	0	0	0	0	0
4:00 PM	117	0	93	16	0	8	0	0	0	0	0	0	0	0
5:00 PM	106	1	79	19	0	7	0	0	0	0	0	0	0	0
6:00 PM	117	0	87	27	0	3	0	0	0	0	0	0	0	0
7:00 PM	84	0	71	9	0	4	0	0	0	0	0	0	0	0
8:00 PM	46	0	33	8	0	5	0	0	0	0	0	0	0	0
9:00 PM	32	0	27	3	0	2	0	0	0	0	0	0	0	0
10:00 PM	18	0	16	1	0	1	0	0	0	0	0	0	0	0
11:00 PM	31	0	20	9	0	2	0	0	0	0	0	0	0	0
Total	1698	3	1284	306	15	87	2	0	1	0	0	0	0	0
%		0.2	75.6	18.0	0.9	5.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0

**5.3%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/22/2021  
 Saturday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	16	0	13	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	9	0	6	1	0	2	0	0	0	0	0	0	0	0
2:00 AM	2	1	1	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	10	0	8	1	0	1	0	0	0	0	0	0	0	0
4:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	9	0	7	1	0	1	0	0	0	0	0	0	0	0
6:00 AM	15	0	13	2	0	0	0	0	0	0	0	0	0	0
7:00 AM	33	0	26	4	0	3	0	0	0	0	0	0	0	0
8:00 AM	62	0	47	12	0	3	0	0	0	0	0	0	0	0
9:00 AM	50	1	33	10	1	5	0	0	0	0	0	0	0	0
10:00 AM	78	1	54	16	0	6	0	0	0	1	0	0	0	0
11:00 AM	78	0	60	12	0	6	0	0	0	0	0	0	0	0
12:00 PM	75	3	56	14	0	2	0	0	0	0	0	0	0	0
1:00 PM	65	0	47	12	0	5	0	0	1	0	0	0	0	0
2:00 PM	64	0	50	10	0	4	0	0	0	0	0	0	0	0
3:00 PM	54	2	34	13	0	5	0	0	0	0	0	0	0	0
4:00 PM	61	1	48	10	0	2	0	0	0	0	0	0	0	0
5:00 PM	46	0	40	4	0	2	0	0	0	0	0	0	0	0
6:00 PM	38	3	24	6	0	5	0	0	0	0	0	0	0	0
7:00 PM	29	0	20	8	0	1	0	0	0	0	0	0	0	0
8:00 PM	31	1	25	2	0	2	0	0	1	0	0	0	0	0
9:00 PM	20	0	16	4	0	0	0	0	0	0	0	0	0	0
10:00 PM	16	0	16	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	10	0	8	1	0	1	0	0	0	0	0	0	0	0
Total	877	13	656	148	1	56	0	0	2	1	0	0	0	0
%		1.5	74.8	16.9	0.1	6.4	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0

**6.7%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/23/2021  
 Sunday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	6	0	3	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	2	0	1	1	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	1	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	6	0	5	0	0	1	0	0	0	0	0	0	0	0
6:00 AM	10	0	7	2	0	1	0	0	0	0	0	0	0	0
7:00 AM	17	0	16	1	0	0	0	0	0	0	0	0	0	0
8:00 AM	41	1	33	5	0	2	0	0	0	0	0	0	0	0
9:00 AM	30	1	24	4	0	1	0	0	0	0	0	0	0	0
10:00 AM	51	1	39	5	0	6	0	0	0	0	0	0	0	0
11:00 AM	65	2	52	7	0	4	0	0	0	0	0	0	0	0
12:00 PM	50	0	38	7	0	5	0	0	0	0	0	0	0	0
1:00 PM	89	0	71	14	0	4	0	0	0	0	0	0	0	0
2:00 PM	63	0	47	12	0	4	0	0	0	0	0	0	0	0
3:00 PM	77	1	62	13	0	1	0	0	0	0	0	0	0	0
4:00 PM	49	0	37	9	0	3	0	0	0	0	0	0	0	0
5:00 PM	48	0	42	6	0	0	0	0	0	0	0	0	0	0
6:00 PM	29	0	25	3	0	1	0	0	0	0	0	0	0	0
7:00 PM	33	0	23	4	0	6	0	0	0	0	0	0	0	0
8:00 PM	29	0	25	2	0	2	0	0	0	0	0	0	0	0
9:00 PM	19	0	14	2	0	3	0	0	0	0	0	0	0	0
10:00 PM	11	0	9	1	0	1	0	0	0	0	0	0	0	0
11:00 PM	6	0	3	1	0	2	0	0	0	0	0	0	0	0
Total	734	6	579	102	0	47	0	0	0	0	0	0	0	0
%		0.8	78.9	13.9	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**6.4%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/24/2021  
 Monday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
2:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	6	0	5	1	0	0	0	0	0	0	0	0	0	0
5:00 AM	32	0	26	3	0	3	0	0	0	0	0	0	0	0
6:00 AM	96	0	74	11	1	10	0	0	0	0	0	0	0	0
7:00 AM	137	0	103	24	3	7	0	0	0	0	0	0	0	0
8:00 AM	107	0	76	29	1	1	0	0	0	0	0	0	0	0
9:00 AM	65	0	44	18	0	3	0	0	0	0	0	0	0	0
10:00 AM	101	1	73	18	5	4	0	0	0	0	0	0	0	0
11:00 AM	91	0	69	15	2	5	0	0	0	0	0	0	0	0
12:00 PM	134	0	95	31	2	5	0	0	1	0	0	0	0	0
1:00 PM	110	2	85	19	0	4	0	0	0	0	0	0	0	0
2:00 PM	124	0	98	18	2	6	0	0	0	0	0	0	0	0
3:00 PM	121	0	89	22	0	10	0	0	0	0	0	0	0	0
4:00 PM	123	2	96	15	0	10	0	0	0	0	0	0	0	0
5:00 PM	126	0	93	24	0	9	0	0	0	0	0	0	0	0
6:00 PM	126	1	105	13	0	7	0	0	0	0	0	0	0	0
7:00 PM	66	0	55	7	0	4	0	0	0	0	0	0	0	0
8:00 PM	38	0	34	3	0	1	0	0	0	0	0	0	0	0
9:00 PM	29	0	28	1	0	0	0	0	0	0	0	0	0	0
10:00 PM	13	0	11	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	15	0	12	3	0	0	0	0	0	0	0	0	0	0
Total	1675	6	1284	279	16	89	0	0	1	0	0	0	0	0
%		0.4	76.7	16.7	1.0	5.3	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

**5.4%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/25/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	13	0	12	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	13	0	11	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	13	0	9	3	0	1	0	0	0	0	0	0	0	0
5:00 AM	35	0	27	6	0	2	0	0	0	0	0	0	0	0
6:00 AM	96	1	67	17	1	10	0	0	0	0	0	0	0	0
7:00 AM	148	0	106	27	3	12	0	0	0	0	0	0	0	0
8:00 AM	121	1	75	40	1	3	0	0	1	0	0	0	0	0
9:00 AM	68	0	46	16	0	5	0	0	1	0	0	0	0	0
10:00 AM	52	0	35	11	0	6	0	0	0	0	0	0	0	0
11:00 AM	64	0	49	12	0	3	0	0	0	0	0	0	0	0
12:00 PM	70	0	53	13	0	4	0	0	0	0	0	0	0	0
1:00 PM	124	0	90	26	2	6	0	0	0	0	0	0	0	0
2:00 PM	182	1	125	34	7	15	0	0	0	0	0	0	0	0
3:00 PM	161	2	109	39	2	9	0	0	0	0	0	0	0	0
4:00 PM	136	0	100	30	0	6	0	0	0	0	0	0	0	0
5:00 PM	115	0	82	26	0	7	0	0	0	0	0	0	0	0
6:00 PM	163	0	135	21	0	7	0	0	0	0	0	0	0	0
7:00 PM	90	0	80	7	0	3	0	0	0	0	0	0	0	0
8:00 PM	45	0	41	1	0	3	0	0	0	0	0	0	0	0
9:00 PM	31	0	26	4	0	1	0	0	0	0	0	0	0	0
10:00 PM	24	0	19	3	0	2	0	0	0	0	0	0	0	0
11:00 PM	19	0	17	2	0	0	0	0	0	0	0	0	0	0
Total	1789	5	1320	340	16	106	0	0	2	0	0	0	0	0
%		0.3	73.8	19.0	0.9	5.9	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0

**6.0%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/26/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	20	0	18	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	11	0	8	1	0	2	0	0	0	0	0	0	0	0
2:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	7	0	5	1	0	1	0	0	0	0	0	0	0	0
4:00 AM	14	0	10	3	0	1	0	0	0	0	0	0	0	0
5:00 AM	35	0	26	5	0	4	0	0	0	0	0	0	0	0
6:00 AM	87	0	67	14	1	5	0	0	0	0	0	0	0	0
7:00 AM	167	0	128	30	4	5	0	0	0	0	0	0	0	0
8:00 AM	116	0	82	28	1	4	0	0	1	0	0	0	0	0
9:00 AM	65	0	47	14	0	4	0	0	0	0	0	0	0	0
10:00 AM	64	1	47	10	0	5	0	0	1	0	0	0	0	0
11:00 AM	66	0	50	14	0	2	0	0	0	0	0	0	0	0
12:00 PM	73	0	48	19	0	6	0	0	0	0	0	0	0	0
1:00 PM	85	0	59	18	1	6	0	0	1	0	0	0	0	0
2:00 PM	192	0	146	28	7	11	0	0	0	0	0	0	0	0
3:00 PM	134	2	94	24	2	12	0	0	0	0	0	0	0	0
4:00 PM	133	2	103	20	0	7	0	0	1	0	0	0	0	0
5:00 PM	133	1	102	21	0	9	0	0	0	0	0	0	0	0
6:00 PM	126	0	109	15	0	2	0	0	0	0	0	0	0	0
7:00 PM	99	0	74	20	0	5	0	0	0	0	0	0	0	0
8:00 PM	36	0	29	4	0	3	0	0	0	0	0	0	0	0
9:00 PM	28	0	24	4	0	0	0	0	0	0	0	0	0	0
10:00 PM	10	0	9	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	9	0	8	1	0	0	0	0	0	0	0	0	0	0
Total	1711	6	1294	297	16	94	0	0	4	0	0	0	0	0
%		0.4	75.6	17.4	0.9	5.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**5.7%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/27/2021  
 Thursday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	17	0	14	2	0	0	0	0	0	1	0	0	0	0
1:00 AM	10	0	6	2	0	1	0	0	0	1	0	0	0	0
2:00 AM	3	0	2	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
4:00 AM	9	0	8	0	0	1	0	0	0	0	0	0	0	0
5:00 AM	32	0	24	4	0	4	0	0	0	0	0	0	0	0
6:00 AM	110	0	82	17	2	9	0	0	0	0	0	0	0	0
7:00 AM	158	3	115	27	3	9	0	0	1	0	0	0	0	0
8:00 AM	111	0	69	36	1	4	0	0	1	0	0	0	0	0
9:00 AM	63	0	49	11	0	3	0	0	0	0	0	0	0	0
10:00 AM	69	0	43	17	1	8	0	0	0	0	0	0	0	0
11:00 AM	58	0	42	14	0	2	0	0	0	0	0	0	0	0
12:00 PM	72	1	51	15	1	4	0	0	0	0	0	0	0	0
1:00 PM	113	0	83	20	1	8	0	0	1	0	0	0	0	0
2:00 PM	195	2	145	28	6	13	0	0	1	0	0	0	0	0
3:00 PM	140	0	98	33	2	7	0	0	0	0	0	0	0	0
4:00 PM	127	1	99	21	0	6	0	0	0	0	0	0	0	0
5:00 PM	158	0	114	34	1	8	0	0	1	0	0	0	0	0
6:00 PM	111	0	91	13	0	7	0	0	0	0	0	0	0	0
7:00 PM	111	0	88	16	0	7	0	0	0	0	0	0	0	0
8:00 PM	49	0	37	9	0	3	0	0	0	0	0	0	0	0
9:00 PM	30	0	24	6	0	0	0	0	0	0	0	0	0	0
10:00 PM	38	0	32	5	0	1	0	0	0	0	0	0	0	0
11:00 PM	14	0	11	2	0	1	0	0	0	0	0	0	0	0
Total	1804	7	1331	334	18	107	0	0	5	2	0	0	0	0
%		0.4	73.8	18.5	1.0	5.9	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0

**6.3%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/28/2021  
 Friday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	22	0	19	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	13	0	12	0	0	1	0	0	0	0	0	0	0	0
2:00 AM	6	0	5	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	15	0	13	0	0	2	0	0	0	0	0	0	0	0
5:00 AM	25	0	16	7	0	2	0	0	0	0	0	0	0	0
6:00 AM	86	0	61	15	2	7	0	0	0	1	0	0	0	0
7:00 AM	143	0	107	27	4	5	0	0	0	0	0	0	0	0
8:00 AM	109	0	75	32	1	1	0	0	0	0	0	0	0	0
9:00 AM	66	0	46	16	2	1	1	0	0	0	0	0	0	0
10:00 AM	52	0	39	7	0	6	0	0	0	0	0	0	0	0
11:00 AM	66	0	49	13	0	3	0	0	1	0	0	0	0	0
12:00 PM	70	0	54	13	0	2	0	0	1	0	0	0	0	0
1:00 PM	107	0	78	21	1	7	0	0	0	0	0	0	0	0
2:00 PM	175	0	135	25	7	8	0	0	0	0	0	0	0	0
3:00 PM	171	0	127	29	4	11	0	0	0	0	0	0	0	0
4:00 PM	94	0	59	24	0	11	0	0	0	0	0	0	0	0
5:00 PM	98	0	80	12	0	6	0	0	0	0	0	0	0	0
6:00 PM	103	0	84	17	0	2	0	0	0	0	0	0	0	0
7:00 PM	78	0	62	14	0	2	0	0	0	0	0	0	0	0
8:00 PM	47	0	38	6	0	3	0	0	0	0	0	0	0	0
9:00 PM	13	0	10	2	0	1	0	0	0	0	0	0	0	0
10:00 PM	11	0	10	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	22	0	17	3	0	2	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1596</b>	<b>0</b>	<b>1199</b>	<b>288</b>	<b>21</b>	<b>84</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>%</b>		<b>0.0</b>	<b>75.1</b>	<b>18.0</b>	<b>1.3</b>	<b>5.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**5.6%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/29/2021  
 Saturday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	17	0	15	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	4	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	3	0	1	1	0	1	0	0	0	0	0	0	0	0
3:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	20	0	16	2	0	2	0	0	0	0	0	0	0	0
6:00 AM	22	0	18	4	0	0	0	0	0	0	0	0	0	0
7:00 AM	16	0	12	2	0	2	0	0	0	0	0	0	0	0
8:00 AM	35	0	25	6	0	4	0	0	0	0	0	0	0	0
9:00 AM	44	0	33	10	0	1	0	0	0	0	0	0	0	0
10:00 AM	41	0	28	8	0	5	0	0	0	0	0	0	0	0
11:00 AM	48	0	36	7	0	5	0	0	0	0	0	0	0	0
12:00 PM	39	0	27	9	0	3	0	0	0	0	0	0	0	0
1:00 PM	69	0	59	7	0	3	0	0	0	0	0	0	0	0
2:00 PM	40	0	32	5	0	3	0	0	0	0	0	0	0	0
3:00 PM	41	0	29	9	0	3	0	0	0	0	0	0	0	0
4:00 PM	43	0	33	7	0	3	0	0	0	0	0	0	0	0
5:00 PM	42	0	32	8	0	2	0	0	0	0	0	0	0	0
6:00 PM	39	0	29	6	0	4	0	0	0	0	0	0	0	0
7:00 PM	20	0	13	5	0	2	0	0	0	0	0	0	0	0
8:00 PM	22	0	17	3	0	2	0	0	0	0	0	0	0	0
9:00 PM	18	0	12	2	0	4	0	0	0	0	0	0	0	0
10:00 PM	21	0	16	5	0	0	0	0	0	0	0	0	0	0
11:00 PM	14	0	12	1	0	1	0	0	0	0	0	0	0	0
Total	663	0	502	110	0	51	0	0	0	0	0	0	0	0
%		0.0	75.7	16.6	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**7.7%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/30/2021  
 Sunday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	7	0	5	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	4	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	2	0	1	1	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	1	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	14	0	11	2	0	1	0	0	0	0	0	0	0	0
7:00 AM	13	0	10	2	0	1	0	0	0	0	0	0	0	0
8:00 AM	19	0	14	5	0	0	0	0	0	0	0	0	0	0
9:00 AM	28	0	22	4	0	2	0	0	0	0	0	0	0	0
10:00 AM	29	0	21	2	0	6	0	0	0	0	0	0	0	0
11:00 AM	37	0	31	5	0	1	0	0	0	0	0	0	0	0
12:00 PM	42	0	34	7	0	1	0	0	0	0	0	0	0	0
1:00 PM	47	0	42	5	0	0	0	0	0	0	0	0	0	0
2:00 PM	34	0	28	4	0	2	0	0	0	0	0	0	0	0
3:00 PM	34	0	27	7	0	0	0	0	0	0	0	0	0	0
4:00 PM	22	0	20	2	0	0	0	0	0	0	0	0	0	0
5:00 PM	37	0	32	4	0	1	0	0	0	0	0	0	0	0
6:00 PM	29	0	23	5	0	1	0	0	0	0	0	0	0	0
7:00 PM	21	0	17	3	0	1	0	0	0	0	0	0	0	0
8:00 PM	16	0	14	2	0	0	0	0	0	0	0	0	0	0
9:00 PM	8	0	7	0	0	1	0	0	0	0	0	0	0	0
10:00 PM	14	0	13	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	10	0	9	0	0	1	0	0	0	0	0	0	0	0
Total	473	0	389	64	0	20	0	0	0	0	0	0	0	0
%		0.0	82.2	13.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**4.2%**

# EXHIBIT A-1

Town : Northborough  
 Road : Ridge Road  
 Location : 43 Ridge Road (North of Collins Street)

Site: 2021004  
 5/31/2021  
 Monday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	2	0	1	1	0	0	0	0	0	0	0	0	0	0
5:00 AM	8	0	7	1	0	0	0	0	0	0	0	0	0	0
6:00 AM	9	0	8	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	10	0	8	1	0	1	0	0	0	0	0	0	0	0
8:00 AM	18	0	12	5	0	1	0	0	0	0	0	0	0	0
9:00 AM	27	0	18	5	0	4	0	0	0	0	0	0	0	0
10:00 AM	33	0	25	6	0	2	0	0	0	0	0	0	0	0
11:00 AM	47	0	43	1	0	3	0	0	0	0	0	0	0	0
12:00 PM	59	0	43	13	0	3	0	0	0	0	0	0	0	0
1:00 PM	69	0	57	10	0	2	0	0	0	0	0	0	0	0
2:00 PM	62	0	39	14	0	9	0	0	0	0	0	0	0	0
3:00 PM	41	0	31	8	0	2	0	0	0	0	0	0	0	0
4:00 PM	56	1	35	13	1	6	0	0	0	0	0	0	0	0
5:00 PM	58	0	45	9	0	4	0	0	0	0	0	0	0	0
6:00 PM	59	1	54	2	0	2	0	0	0	0	0	0	0	0
7:00 PM	42	0	33	4	0	5	0	0	0	0	0	0	0	0
8:00 PM	39	0	33	4	0	1	0	0	1	0	0	0	0	0
9:00 PM	22	0	20	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	11	0	10	0	0	0	0	0	1	0	0	0	0	0
11:00 PM	16	0	12	1	0	3	0	0	0	0	0	0	0	0
Total	700	2	545	102	1	48	0	0	2	0	0	0	0	0
%		0.3	77.9	14.6	0.1	6.9	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0

**7.2%**

# EXHIBIT A-2-a

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005(A)  
 5/18/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	18	0	17	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	15	0	13	1	0	1	0	0	0	0	0	0	0	0
2:00 AM	4	0	3	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	5	0	5	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	20	0	15	3	0	2	0	0	0	0	0	0	0	0
5:00 AM	41	0	33	6	0	2	0	0	0	0	0	0	0	0
6:00 AM	79	0	58	16	2	3	0	0	0	0	0	0	0	0
7:00 AM	101	0	73	19	2	7	0	0	0	0	0	0	0	0
8:00 AM	106	0	84	15	4	3	0	0	0	0	0	0	0	0
9:00 AM	56	0	39	14	0	2	0	0	0	1	0	0	0	0
10:00 AM	52	2	38	10	0	2	0	0	0	0	0	0	0	0
11:00 AM	61	0	48	8	1	4	0	0	0	0	0	0	0	0
12:00 PM	84	0	74	8	0	2	0	0	0	0	0	0	0	0
1:00 PM	100	0	84	11	0	5	0	0	0	0	0	0	0	0
2:00 PM	103	1	70	21	3	8	0	0	0	0	0	0	0	0
3:00 PM	110	0	75	25	2	8	0	0	0	0	0	0	0	0
4:00 PM	107	1	82	15	1	7	0	0	1	0	0	0	0	0
5:00 PM	103	1	80	15	2	5	0	0	0	0	0	0	0	0
6:00 PM	101	0	88	9	0	3	0	0	1	0	0	0	0	0
7:00 PM	69	0	53	13	0	3	0	0	0	0	0	0	0	0
8:00 PM	43	0	38	3	0	2	0	0	0	0	0	0	0	0
9:00 PM	22	0	20	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	17	0	17	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	15	0	12	3	0	0	0	0	0	0	0	0	0	0
Total	1432	5	1119	218	17	70	0	0	2	1	0	0	0	0
%		0.3	78.1	15.2	1.2	4.9	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.0

**5.1%**

# EXHIBIT A-2-a

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005(A)  
 5/19/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	19	0	17	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	17	0	15	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	5	1	4	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	5	0	4	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	23	0	18	2	0	3	0	0	0	0	0	0	0	0
5:00 AM	40	0	32	6	0	2	0	0	0	0	0	0	0	0
6:00 AM	78	0	62	11	1	4	0	0	0	0	0	0	0	0
7:00 AM	99	1	74	17	1	6	0	0	0	0	0	0	0	0
8:00 AM	104	0	81	18	2	3	0	0	0	0	0	0	0	0
9:00 AM	69	0	53	12	0	4	0	0	0	0	0	0	0	0
10:00 AM	54	1	43	10	0	0	0	0	0	0	0	0	0	0
11:00 AM	60	1	50	5	0	4	0	0	0	0	0	0	0	0
12:00 PM	79	1	56	14	0	8	0	0	0	0	0	0	0	0
1:00 PM	111	1	89	12	1	8	0	0	0	0	0	0	0	0
2:00 PM	82	2	58	15	2	3	0	0	2	0	0	0	0	0
3:00 PM	108	2	83	18	2	3	0	0	0	0	0	0	0	0
4:00 PM	116	1	91	18	1	5	0	0	0	0	0	0	0	0
5:00 PM	117	1	87	20	0	8	0	0	1	0	0	0	0	0
6:00 PM	111	1	95	14	0	1	0	0	0	0	0	0	0	0
7:00 PM	73	0	61	11	0	1	0	0	0	0	0	0	0	0
8:00 PM	45	0	34	9	0	2	0	0	0	0	0	0	0	0
9:00 PM	26	0	22	4	0	0	0	0	0	0	0	0	0	0
10:00 PM	20	0	17	3	0	0	0	0	0	0	0	0	0	0
11:00 PM	8	0	5	3	0	0	0	0	0	0	0	0	0	0
Total	1469	13	1151	227	10	65	0	0	3	0	0	0	0	0
%		0.9	78.4	15.5	0.7	4.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**4.6%**

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005(A)  
 5/20/2021  
 Thursday

Daily Classification

Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	15	0	14	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	15	0	12	2	0	1	0	0	0	0	0	0	0	0
2:00 AM	4	1	2	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	21	0	17	3	0	1	0	0	0	0	0	0	0	0
5:00 AM	37	0	29	6	0	2	0	0	0	0	0	0	0	0
6:00 AM	76	0	57	13	1	5	0	0	0	0	0	0	0	0
7:00 AM	98	1	67	23	0	7	0	0	0	0	0	0	0	0
8:00 AM	95	0	73	17	2	3	0	0	0	0	0	0	0	0
9:00 AM	46	0	37	8	0	1	0	0	0	0	0	0	0	0
10:00 AM	54	0	40	9	0	4	0	0	1	0	0	0	0	0
11:00 AM	58	0	42	10	0	5	1	0	0	0	0	0	0	0
Total	523	2	393	93	3	30	1	0	1	0	0	0	0	0
%		0.4	75.1	17.8	0.6	5.7	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/25/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	11	0	11	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	12	0	10	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	19	0	12	4	0	3	0	0	0	0	0	0	0	0
5:00 AM	36	0	28	6	0	2	0	0	0	0	0	0	0	0
6:00 AM	88	1	59	16	1	10	0	0	0	1	0	0	0	0
7:00 AM	106	0	78	15	3	10	0	0	0	0	0	0	0	0
8:00 AM	104	2	78	17	2	4	0	0	1	0	0	0	0	0
9:00 AM	73	0	56	12	0	4	1	0	0	0	0	0	0	0
10:00 AM	40	0	31	8	0	1	0	0	0	0	0	0	0	0
11:00 AM	52	0	43	6	0	3	0	0	0	0	0	0	0	0
12:00 PM	62	0	48	12	0	1	1	0	0	0	0	0	0	0
1:00 PM	93	0	76	11	0	6	0	0	0	0	0	0	0	0
2:00 PM	120	1	87	20	4	8	0	0	0	0	0	0	0	0
3:00 PM	113	2	80	18	2	11	0	0	0	0	0	0	0	0
4:00 PM	129	1	105	15	0	8	0	0	0	0	0	0	0	0
5:00 PM	102	1	79	18	0	4	0	0	0	0	0	0	0	0
6:00 PM	124	1	109	13	0	1	0	0	0	0	0	0	0	0
7:00 PM	75	0	63	10	0	2	0	0	0	0	0	0	0	0
8:00 PM	57	0	50	4	0	3	0	0	0	0	0	0	0	0
9:00 PM	28	0	26	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	24	0	22	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	17	0	13	3	0	1	0	0	0	0	0	0	0	0
Total	1491	9	1170	214	12	82	2	0	1	1	0	0	0	0
%		0.6	78.5	14.4	0.8	5.5	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0

**5.8%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/26/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	15	0	15	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	12	0	9	3	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	7	0	5	1	0	1	0	0	0	0	0	0	0	0
4:00 AM	19	0	12	4	0	3	0	0	0	0	0	0	0	0
5:00 AM	38	0	29	5	0	4	0	0	0	0	0	0	0	0
6:00 AM	75	0	65	8	1	1	0	0	0	0	0	0	0	0
7:00 AM	106	1	80	19	3	3	0	0	0	0	0	0	0	0
8:00 AM	101	0	81	11	2	6	0	0	1	0	0	0	0	0
9:00 AM	65	0	50	15	0	0	0	0	0	0	0	0	0	0
10:00 AM	61	0	45	11	0	5	0	0	0	0	0	0	0	0
11:00 AM	46	0	38	8	0	0	0	0	0	0	0	0	0	0
12:00 PM	66	0	49	12	0	5	0	0	0	0	0	0	0	0
1:00 PM	81	0	63	14	0	4	0	0	0	0	0	0	0	0
2:00 PM	115	1	84	20	3	7	0	0	0	0	0	0	0	0
3:00 PM	104	1	77	14	2	9	0	0	1	0	0	0	0	0
4:00 PM	92	1	73	12	0	6	0	0	0	0	0	0	0	0
5:00 PM	119	1	100	13	0	5	0	0	0	0	0	0	0	0
6:00 PM	111	0	89	16	0	5	0	0	1	0	0	0	0	0
7:00 PM	89	0	73	14	0	2	0	0	0	0	0	0	0	0
8:00 PM	42	0	28	10	0	4	0	0	0	0	0	0	0	0
9:00 PM	34	0	30	2	0	1	0	0	1	0	0	0	0	0
10:00 PM	12	0	11	0	0	1	0	0	0	0	0	0	0	0
11:00 PM	9	0	6	3	0	0	0	0	0	0	0	0	0	0
Total	1420	5	1113	215	11	72	0	0	4	0	0	0	0	0
%		0.4	78.4	15.1	0.8	5.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0

**5.4%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/27/2021  
 Thursday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	17	0	15	1	0	0	0	0	0	1	0	0	0	0
1:00 AM	10	0	6	3	0	0	0	0	0	1	0	0	0	0
2:00 AM	3	0	2	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	5	0	4	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	14	0	10	1	0	3	0	0	0	0	0	0	0	0
5:00 AM	35	0	27	4	0	4	0	0	0	0	0	0	0	0
6:00 AM	91	0	69	12	2	8	0	0	0	0	0	0	0	0
7:00 AM	112	1	82	21	2	6	0	0	0	0	0	0	0	0
8:00 AM	90	1	67	17	2	2	0	0	1	0	0	0	0	0
9:00 AM	62	0	45	13	0	3	1	0	0	0	0	0	0	0
10:00 AM	56	0	38	11	0	7	0	0	0	0	0	0	0	0
11:00 AM	53	0	40	9	0	4	0	0	0	0	0	0	0	0
12:00 PM	61	1	49	11	0	0	0	0	0	0	0	0	0	0
1:00 PM	96	0	72	19	0	5	0	0	0	0	0	0	0	0
2:00 PM	128	1	97	21	3	6	0	0	0	0	0	0	0	0
3:00 PM	102	0	81	10	2	9	0	0	0	0	0	0	0	0
4:00 PM	106	0	82	17	0	7	0	0	0	0	0	0	0	0
5:00 PM	133	0	104	24	0	4	0	0	1	0	0	0	0	0
6:00 PM	112	2	86	16	0	6	0	0	2	0	0	0	0	0
7:00 PM	85	0	70	11	0	4	0	0	0	0	0	0	0	0
8:00 PM	55	0	43	7	0	4	0	0	1	0	0	0	0	0
9:00 PM	29	0	25	3	0	1	0	0	0	0	0	0	0	0
10:00 PM	33	0	33	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	14	0	11	2	0	1	0	0	0	0	0	0	0	0
Total	1502	6	1158	234	11	85	1	0	5	2	0	0	0	0
%		0.4	77.1	15.6	0.7	5.7	0.1	0.0	0.3	0.1	0.0	0.0	0.0	0.0

**6.2%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/28/2021  
 Friday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	25	0	22	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	12	0	11	1	0	0	0	0	0	0	0	0	0	0
2:00 AM	6	0	5	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	21	0	15	2	0	4	0	0	0	0	0	0	0	0
5:00 AM	25	0	18	6	0	1	0	0	0	0	0	0	0	0
6:00 AM	78	0	53	15	1	8	0	0	0	1	0	0	0	0
7:00 AM	85	0	65	12	3	5	0	0	0	0	0	0	0	0
8:00 AM	89	0	68	16	2	3	0	0	0	0	0	0	0	0
9:00 AM	64	0	52	11	1	0	0	0	0	0	0	0	0	0
10:00 AM	68	0	49	9	0	9	1	0	0	0	0	0	0	0
11:00 AM	78	0	62	13	0	3	0	0	0	0	0	0	0	0
12:00 PM	71	0	58	11	0	1	0	0	1	0	0	0	0	0
1:00 PM	88	0	64	18	0	6	0	0	0	0	0	0	0	0
2:00 PM	136	0	106	22	3	5	0	0	0	0	0	0	0	0
3:00 PM	117	0	86	22	2	7	0	0	0	0	0	0	0	0
4:00 PM	117	0	87	21	0	9	0	0	0	0	0	0	0	0
5:00 PM	86	0	72	12	0	2	0	0	0	0	0	0	0	0
6:00 PM	94	0	81	11	0	2	0	0	0	0	0	0	0	0
7:00 PM	65	0	51	10	0	4	0	0	0	0	0	0	0	0
8:00 PM	47	0	38	6	1	2	0	0	0	0	0	0	0	0
9:00 PM	16	0	14	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	9	0	8	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	16	0	12	2	0	2	0	0	0	0	0	0	0	0
Total	1416	0	1100	227	13	73	1	0	1	1	0	0	0	0
%		0.0	77.7	16.0	0.9	5.2	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0

**5.5%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/29/2021  
 Saturday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	19	0	17	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	4	0	2	2	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	25	0	21	1	0	3	0	0	0	0	0	0	0	0
6:00 AM	23	0	17	5	0	1	0	0	0	0	0	0	0	0
7:00 AM	22	0	18	3	0	1	0	0	0	0	0	0	0	0
8:00 AM	33	0	26	5	0	2	0	0	0	0	0	0	0	0
9:00 AM	34	0	27	5	0	2	0	0	0	0	0	0	0	0
10:00 AM	50	0	37	10	0	3	0	0	0	0	0	0	0	0
11:00 AM	48	0	38	9	0	1	0	0	0	0	0	0	0	0
12:00 PM	48	0	37	8	0	3	0	0	0	0	0	0	0	0
1:00 PM	61	0	50	8	0	3	0	0	0	0	0	0	0	0
2:00 PM	38	0	34	3	0	1	0	0	0	0	0	0	0	0
3:00 PM	33	0	24	7	0	2	0	0	0	0	0	0	0	0
4:00 PM	37	0	29	6	1	1	0	0	0	0	0	0	0	0
5:00 PM	37	0	25	10	0	2	0	0	0	0	0	0	0	0
6:00 PM	34	0	24	5	0	5	0	0	0	0	0	0	0	0
7:00 PM	25	0	18	6	0	1	0	0	0	0	0	0	0	0
8:00 PM	13	0	12	0	0	1	0	0	0	0	0	0	0	0
9:00 PM	21	0	14	5	0	2	0	0	0	0	0	0	0	0
10:00 PM	17	0	15	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	13	0	12	0	0	1	0	0	0	0	0	0	0	0
Total	645	0	505	104	1	35	0	0	0	0	0	0	0	0
%		0.0	78.3	16.1	0.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**5.4%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/30/2021  
 Sunday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	6	0	6	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	1	2	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	1	1	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	4	0	3	1	0	0	0	0	0	0	0	0	0	0
6:00 AM	14	0	10	3	0	1	0	0	0	0	0	0	0	0
7:00 AM	13	0	11	1	0	1	0	0	0	0	0	0	0	0
8:00 AM	10	0	8	2	0	0	0	0	0	0	0	0	0	0
9:00 AM	28	0	22	5	0	1	0	0	0	0	0	0	0	0
10:00 AM	43	0	32	6	0	5	0	0	0	0	0	0	0	0
11:00 AM	39	0	32	6	0	1	0	0	0	0	0	0	0	0
12:00 PM	43	0	35	7	0	1	0	0	0	0	0	0	0	0
1:00 PM	55	0	45	10	0	0	0	0	0	0	0	0	0	0
2:00 PM	43	0	29	11	0	3	0	0	0	0	0	0	0	0
3:00 PM	37	0	27	10	0	0	0	0	0	0	0	0	0	0
4:00 PM	31	0	24	7	0	0	0	0	0	0	0	0	0	0
5:00 PM	34	0	32	2	0	0	0	0	0	0	0	0	0	0
6:00 PM	31	0	24	5	0	2	0	0	0	0	0	0	0	0
7:00 PM	31	0	23	6	0	2	0	0	0	0	0	0	0	0
8:00 PM	19	0	16	3	0	0	0	0	0	0	0	0	0	0
9:00 PM	10	0	9	1	0	0	0	0	0	0	0	0	0	0
10:00 PM	16	0	14	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	11	0	8	2	0	1	0	0	0	0	0	0	0	0
Total	529	0	416	95	0	18	0	0	0	0	0	0	0	0
%		0.0	78.6	18.0	0.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**3.4%**

# EXHIBIT A-2-b

Town : Northborough  
 Road : Ridge Road  
 Location : 100 Ridge Road

Site: 2021005b  
 5/31/2021  
 Monday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	5	0	5	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	2	1	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	2	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	0
5:00 AM	10	0	8	1	0	1	0	0	0	0	0	0	0	0
6:00 AM	11	0	8	3	0	0	0	0	0	0	0	0	0	0
7:00 AM	8	0	5	2	0	1	0	0	0	0	0	0	0	0
8:00 AM	18	0	14	4	0	0	0	0	0	0	0	0	0	0
9:00 AM	28	0	19	8	0	1	0	0	0	0	0	0	0	0
10:00 AM	23	1	18	4	0	0	0	0	0	0	0	0	0	0
11:00 AM	56	0	43	10	0	3	0	0	0	0	0	0	0	0
12:00 PM	49	0	35	12	0	2	0	0	0	0	0	0	0	0
1:00 PM	81	0	68	12	0	1	0	0	0	0	0	0	0	0
2:00 PM	62	0	47	10	0	5	0	0	0	0	0	0	0	0
3:00 PM	43	0	34	6	0	3	0	0	0	0	0	0	0	0
4:00 PM	57	0	45	7	1	3	0	0	1	0	0	0	0	0
5:00 PM	47	0	31	12	0	4	0	0	0	0	0	0	0	0
6:00 PM	72	0	65	5	0	1	0	0	1	0	0	0	0	0
7:00 PM	42	0	32	8	0	2	0	0	0	0	0	0	0	0
8:00 PM	26	0	21	5	0	0	0	0	0	0	0	0	0	0
9:00 PM	20	0	17	3	0	0	0	0	0	0	0	0	0	0
10:00 PM	11	0	11	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	16	0	12	3	0	1	0	0	0	0	0	0	0	0
Total	693	1	544	117	1	28	0	0	2	0	0	0	0	0
%		0.1	78.5	16.9	0.1	4.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0

**4.3%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/18/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	7	0	7	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	3	1	0	0	0	0	0	0	0	0	0	0
2:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	11	0	9	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	26	0	17	9	0	0	0	0	0	0	0	0	0	0
6:00 AM	76	0	55	12	5	4	0	0	0	0	0	0	0	0
7:00 AM	196	0	164	24	3	4	0	0	1	0	0	0	0	0
8:00 AM	118	1	91	19	3	2	0	0	2	0	0	0	0	0
9:00 AM	63	1	44	12	1	4	0	0	1	0	0	0	0	0
10:00 AM	60	0	44	11	1	4	0	0	0	0	0	0	0	0
11:00 AM	68	1	47	15	0	5	0	0	0	0	0	0	0	0
12:00 PM	53	2	41	9	0	1	0	0	0	0	0	0	0	0
1:00 PM	105	0	85	12	4	3	0	0	1	0	0	0	0	0
2:00 PM	179	0	147	21	5	5	0	0	1	0	0	0	0	0
3:00 PM	160	1	121	23	6	8	0	0	1	0	0	0	0	0
4:00 PM	134	1	104	27	0	2	0	0	0	0	0	0	0	0
5:00 PM	169	2	132	32	0	3	0	0	0	0	0	0	0	0
6:00 PM	83	0	72	10	0	1	0	0	0	0	0	0	0	0
7:00 PM	78	4	53	18	0	3	0	0	0	0	0	0	0	0
8:00 PM	43	0	36	6	0	1	0	0	0	0	0	0	0	0
9:00 PM	20	0	17	1	0	2	0	0	0	0	0	0	0	0
10:00 PM	17	0	14	3	0	0	0	0	0	0	0	0	0	0
11:00 PM	11	1	10	0	0	0	0	0	0	0	0	0	0	0
Total	1688	14	1320	267	28	52	0	0	7	0	0	0	0	0
%		0.8	78.2	15.8	1.7	3.1	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0

**3.5%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/19/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	5	0	3	0	0	2	0	0	0	0	0	0	0	0
3:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	8	0	6	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	24	0	16	8	0	0	0	0	0	0	0	0	0	0
6:00 AM	84	1	58	17	4	4	0	0	0	0	0	0	0	0
7:00 AM	210	2	165	34	4	5	0	0	0	0	0	0	0	0
8:00 AM	121	0	98	18	2	3	0	0	0	0	0	0	0	0
9:00 AM	55	0	40	14	0	1	0	0	0	0	0	0	0	0
10:00 AM	66	1	53	9	0	2	0	0	1	0	0	0	0	0
11:00 AM	62	0	47	10	0	5	0	0	0	0	0	0	0	0
12:00 PM	69	1	58	7	0	2	0	0	1	0	0	0	0	0
1:00 PM	96	0	80	13	1	2	0	0	0	0	0	0	0	0
2:00 PM	153	0	119	26	3	5	0	0	0	0	0	0	0	0
3:00 PM	168	0	131	29	4	4	0	0	0	0	0	0	0	0
4:00 PM	128	1	103	19	0	5	0	0	0	0	0	0	0	0
5:00 PM	136	1	107	24	0	3	0	0	1	0	0	0	0	0
6:00 PM	66	0	46	18	0	2	0	0	0	0	0	0	0	0
7:00 PM	96	0	83	10	0	3	0	0	0	0	0	0	0	0
8:00 PM	53	0	46	3	0	4	0	0	0	0	0	0	0	0
9:00 PM	20	0	18	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	15	1	13	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	13	0	13	0	0	0	0	0	0	0	0	0	0	0
Total	1661	8	1314	266	18	52	0	0	3	0	0	0	0	0
%		0.5	79.1	16.0	1.1	3.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**3.3%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/20/2021  
 Thursday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	9	0	7	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	5	0	4	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	9	0	7	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	24	0	16	8	0	0	0	0	0	0	0	0	0	0
6:00 AM	96	0	67	19	6	4	0	0	0	0	0	0	0	0
7:00 AM	202	2	175	16	3	5	0	0	1	0	0	0	0	0
8:00 AM	97	0	76	14	3	4	0	0	0	0	0	0	0	0
9:00 AM	63	0	51	12	0	0	0	0	0	0	0	0	0	0
10:00 AM	72	0	58	10	0	3	0	0	1	0	0	0	0	0
11:00 AM	65	1	50	14	0	0	0	0	0	0	0	0	0	0
12:00 PM	101	0	73	22	0	5	0	0	1	0	0	0	0	0
1:00 PM	110	1	79	19	2	6	0	0	3	0	0	0	0	0
2:00 PM	166	0	130	30	5	1	0	0	0	0	0	0	0	0
3:00 PM	152	0	118	21	5	8	0	0	0	0	0	0	0	0
4:00 PM	147	1	108	32	2	4	0	0	0	0	0	0	0	0
5:00 PM	133	1	110	16	0	3	0	0	3	0	0	0	0	0
6:00 PM	98	0	68	25	0	5	0	0	0	0	0	0	0	0
7:00 PM	81	0	63	10	1	7	0	0	0	0	0	0	0	0
8:00 PM	51	0	42	5	0	4	0	0	0	0	0	0	0	0
9:00 PM	19	0	18	1	0	0	0	0	0	0	0	0	0	0
10:00 PM	11	1	9	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	9	0	7	2	0	0	0	0	0	0	0	0	0	0
Total	1727	7	1343	281	27	60	0	0	9	0	0	0	0	0
%		0.4	77.8	16.3	1.6	3.5	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0

**4.0%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/21/2021  
 Friday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	3	0	2	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	2	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	9	0	8	1	0	0	0	0	0	0	0	0	0	0
5:00 AM	22	0	12	10	0	0	0	0	0	0	0	0	0	0
6:00 AM	72	0	60	7	4	1	0	0	0	0	0	0	0	0
7:00 AM	191	0	146	27	4	13	0	0	1	0	0	0	0	0
8:00 AM	125	0	97	20	3	4	1	0	0	0	0	0	0	0
9:00 AM	70	0	52	14	0	4	0	0	0	0	0	0	0	0
10:00 AM	68	0	52	9	0	6	1	0	0	0	0	0	0	0
11:00 AM	79	0	57	16	0	6	0	0	0	0	0	0	0	0
12:00 PM	118	1	89	20	0	7	0	0	1	0	0	0	0	0
1:00 PM	127	1	93	27	2	4	0	0	0	0	0	0	0	0
2:00 PM	168	0	133	26	4	4	0	0	1	0	0	0	0	0
3:00 PM	148	1	120	22	3	2	0	0	0	0	0	0	0	0
4:00 PM	134	1	110	21	0	2	0	0	0	0	0	0	0	0
5:00 PM	122	0	94	20	0	8	0	0	0	0	0	0	0	0
6:00 PM	108	3	89	16	0	0	0	0	0	0	0	0	0	0
7:00 PM	80	2	61	15	1	1	0	0	0	0	0	0	0	0
8:00 PM	41	0	33	7	0	1	0	0	0	0	0	0	0	0
9:00 PM	27	0	18	7	0	2	0	0	0	0	0	0	0	0
10:00 PM	25	1	20	2	0	2	0	0	0	0	0	0	0	0
11:00 PM	9	0	8	1	0	0	0	0	0	0	0	0	0	0
Total	1755	10	1362	289	21	68	2	0	3	0	0	0	0	0
%		0.6	77.6	16.5	1.2	3.9	0.1	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**4.2%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/22/2021  
 Saturday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	10	0	7	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	3	0	2	0	0	1	0	0	0	0	0	0	0	0
4:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	13	0	8	4	1	0	0	0	0	0	0	0	0	0
6:00 AM	16	0	12	4	0	0	0	0	0	0	0	0	0	0
7:00 AM	25	0	18	5	0	2	0	0	0	0	0	0	0	0
8:00 AM	76	0	58	14	1	3	0	0	0	0	0	0	0	0
9:00 AM	77	1	54	13	1	8	0	0	0	0	0	0	0	0
10:00 AM	83	0	68	14	0	0	0	0	0	1	0	0	0	0
11:00 AM	77	0	60	12	0	5	0	0	0	0	0	0	0	0
12:00 PM	67	1	49	11	1	5	0	0	0	0	0	0	0	0
1:00 PM	68	0	52	13	0	3	0	0	0	0	0	0	0	0
2:00 PM	69	0	54	13	0	2	0	0	0	0	0	0	0	0
3:00 PM	65	0	48	15	0	2	0	0	0	0	0	0	0	0
4:00 PM	60	0	52	3	0	5	0	0	0	0	0	0	0	0
5:00 PM	68	0	61	6	0	1	0	0	0	0	0	0	0	0
6:00 PM	55	1	42	7	1	4	0	0	0	0	0	0	0	0
7:00 PM	49	2	38	8	0	1	0	0	0	0	0	0	0	0
8:00 PM	36	1	31	2	0	2	0	0	0	0	0	0	0	0
9:00 PM	26	1	25	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	21	0	18	1	0	2	0	0	0	0	0	0	0	0
11:00 PM	12	0	11	0	0	1	0	0	0	0	0	0	0	0
Total	985	7	777	148	5	47	0	0	0	1	0	0	0	0
%		0.7	78.9	15.0	0.5	4.8	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0

**4.9%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/23/2021  
 Sunday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	9	0	6	3	0	0	0	0	0	0	0	0	0	0
1:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	7	0	4	3	0	0	0	0	0	0	0	0	0	0
6:00 AM	8	0	7	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	19	0	14	5	0	0	0	0	0	0	0	0	0	0
8:00 AM	35	0	29	4	0	2	0	0	0	0	0	0	0	0
9:00 AM	43	0	33	8	0	2	0	0	0	0	0	0	0	0
10:00 AM	59	1	42	11	0	5	0	0	0	0	0	0	0	0
11:00 AM	70	2	57	10	0	1	0	0	0	0	0	0	0	0
12:00 PM	77	0	57	19	0	1	0	0	0	0	0	0	0	0
1:00 PM	65	0	56	8	0	1	0	0	0	0	0	0	0	0
2:00 PM	71	0	59	10	0	2	0	0	0	0	0	0	0	0
3:00 PM	61	0	46	14	0	1	0	0	0	0	0	0	0	0
4:00 PM	58	0	49	7	0	2	0	0	0	0	0	0	0	0
5:00 PM	48	0	40	4	0	4	0	0	0	0	0	0	0	0
6:00 PM	39	0	36	3	0	0	0	0	0	0	0	0	0	0
7:00 PM	44	0	38	6	0	0	0	0	0	0	0	0	0	0
8:00 PM	38	0	36	1	1	0	0	0	0	0	0	0	0	0
9:00 PM	22	0	12	9	0	1	0	0	0	0	0	0	0	0
10:00 PM	11	0	9	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	7	0	7	0	0	0	0	0	0	0	0	0	0	0
Total	797	3	643	128	1	22	0	0	0	0	0	0	0	0
%		0.4	80.7	16.1	0.1	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**2.8%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/24/2021  
 Monday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	4	0	3	1	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	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	21	0	12	9	0	0	0	0	0	0	0	0	0	0
6:00 AM	79	0	59	12	4	4	0	0	0	0	0	0	0	0
7:00 AM	178	0	147	17	5	9	0	0	0	0	0	0	0	0
8:00 AM	113	0	86	23	2	2	0	0	0	0	0	0	0	0
9:00 AM	63	0	45	13	1	2	2	0	0	0	0	0	0	0
10:00 AM	131	0	97	22	5	5	2	0	0	0	0	0	0	0
11:00 AM	105	0	83	16	1	5	0	0	0	0	0	0	0	0
12:00 PM	125	1	92	25	4	3	0	0	0	0	0	0	0	0
1:00 PM	101	0	79	20	0	1	1	0	0	0	0	0	0	0
2:00 PM	142	0	111	24	2	5	0	0	0	0	0	0	0	0
3:00 PM	152	0	112	27	3	10	0	0	0	0	0	0	0	0
4:00 PM	132	1	104	17	1	9	0	0	0	0	0	0	0	0
5:00 PM	144	1	120	20	0	3	0	0	0	0	0	0	0	0
6:00 PM	99	0	80	15	0	4	0	0	0	0	0	0	0	0
7:00 PM	63	0	50	10	0	3	0	0	0	0	0	0	0	0
8:00 PM	34	0	30	4	0	0	0	0	0	0	0	0	0	0
9:00 PM	23	0	23	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	8	0	7	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	12	1	11	0	0	0	0	0	0	0	0	0	0	0
Total	1742	4	1362	278	28	65	5	0	0	0	0	0	0	0
%		0.2	78.2	16.0	1.6	3.7	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**4.0%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/25/2021  
 Tuesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
1:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	2	0	1	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	13	0	9	4	0	0	0	0	0	0	0	0	0	0
5:00 AM	25	0	22	3	0	0	0	0	0	0	0	0	0	0
6:00 AM	76	0	56	12	4	4	0	0	0	0	0	0	0	0
7:00 AM	187	0	156	19	4	6	0	0	2	0	0	0	0	0
8:00 AM	110	0	80	27	2	1	0	0	0	0	0	0	0	0
9:00 AM	80	0	63	10	0	6	0	0	1	0	0	0	0	0
10:00 AM	58	0	38	16	0	4	0	0	0	0	0	0	0	0
11:00 AM	65	0	44	14	0	7	0	0	0	0	0	0	0	0
12:00 PM	67	1	54	9	1	2	0	0	0	0	0	0	0	0
1:00 PM	121	2	87	22	4	5	0	0	1	0	0	0	0	0
2:00 PM	174	0	131	31	4	8	0	0	0	0	0	0	0	0
3:00 PM	178	1	133	35	5	4	0	0	0	0	0	0	0	0
4:00 PM	156	0	123	31	1	1	0	0	0	0	0	0	0	0
5:00 PM	133	2	98	27	0	6	0	0	0	0	0	0	0	0
6:00 PM	131	0	101	28	0	2	0	0	0	0	0	0	0	0
7:00 PM	92	0	77	12	0	3	0	0	0	0	0	0	0	0
8:00 PM	33	0	26	5	0	2	0	0	0	0	0	0	0	0
9:00 PM	30	0	24	6	0	0	0	0	0	0	0	0	0	0
10:00 PM	15	1	9	4	0	1	0	0	0	0	0	0	0	0
11:00 PM	7	0	6	1	0	0	0	0	0	0	0	0	0	0
Total	1765	7	1348	318	25	63	0	0	4	0	0	0	0	0
%		0.4	76.4	18.0	1.4	3.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**3.8%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/26/2021  
 Wednesday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	13	0	12	1	0	0	0	0	0	0	0	0	0	0
1:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	2	0	0	1	0	0	0	0	0	0	0	0
3:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	12	0	8	4	0	0	0	0	0	0	0	0	0	0
5:00 AM	22	0	18	4	0	0	0	0	0	0	0	0	0	0
6:00 AM	76	0	48	18	6	4	0	0	0	0	0	0	0	0
7:00 AM	204	0	164	29	5	5	0	0	1	0	0	0	0	0
8:00 AM	121	0	96	21	2	1	0	0	1	0	0	0	0	0
9:00 AM	69	0	53	10	0	5	0	0	1	0	0	0	0	0
10:00 AM	78	2	60	12	0	4	0	0	0	0	0	0	0	0
11:00 AM	67	2	45	18	0	2	0	0	0	0	0	0	0	0
12:00 PM	75	1	57	14	0	3	0	0	0	0	0	0	0	0
1:00 PM	99	0	70	21	2	6	0	0	0	0	0	0	0	0
2:00 PM	173	0	132	27	5	9	0	0	0	0	0	0	0	0
3:00 PM	148	2	118	20	4	4	0	0	0	0	0	0	0	0
4:00 PM	147	1	118	21	0	7	0	0	0	0	0	0	0	0
5:00 PM	108	2	85	14	0	7	0	0	0	0	0	0	0	0
6:00 PM	95	0	76	17	0	2	0	0	0	0	0	0	0	0
7:00 PM	88	0	72	16	0	0	0	0	0	0	0	0	0	0
8:00 PM	42	0	35	6	0	1	0	0	0	0	0	0	0	0
9:00 PM	22	0	20	2	0	0	0	0	0	0	0	0	0	0
10:00 PM	10	0	8	2	0	0	0	0	0	0	0	0	0	0
11:00 PM	7	0	7	0	0	0	0	0	0	0	0	0	0	0
Total	1685	10	1310	277	24	61	0	0	3	0	0	0	0	0
%		0.6	77.7	16.4	1.4	3.6	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0

**3.8%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/27/2021  
 Thursday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	9	0	5	2	0	1	0	0	0	1	0	0	0	0
1:00 AM	2	0	1	0	0	0	0	0	0	1	0	0	0	0
2:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	5	0	4	0	0	1	0	0	0	0	0	0	0	0
4:00 AM	12	0	10	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	21	0	13	8	0	0	0	0	0	0	0	0	0	0
6:00 AM	91	0	63	21	5	2	0	0	0	0	0	0	0	0
7:00 AM	183	0	151	22	4	6	0	0	0	0	0	0	0	0
8:00 AM	121	0	101	15	2	3	0	0	0	0	0	0	0	0
9:00 AM	66	0	51	15	0	0	0	0	0	0	0	0	0	0
10:00 AM	74	0	54	13	1	5	0	0	1	0	0	0	0	0
11:00 AM	67	1	47	13	0	6	0	0	0	0	0	0	0	0
12:00 PM	89	0	69	19	0	0	0	0	1	0	0	0	0	0
1:00 PM	115	0	83	26	3	3	0	0	0	0	0	0	0	0
2:00 PM	165	2	128	21	6	8	0	0	0	0	0	0	0	0
3:00 PM	135	1	98	27	3	6	0	0	0	0	0	0	0	0
4:00 PM	159	1	122	29	0	7	0	0	0	0	0	0	0	0
5:00 PM	153	1	116	29	0	5	0	0	2	0	0	0	0	0
6:00 PM	103	0	73	23	0	6	0	0	1	0	0	0	0	0
7:00 PM	111	0	90	17	0	4	0	0	0	0	0	0	0	0
8:00 PM	64	0	55	8	0	1	0	0	0	0	0	0	0	0
9:00 PM	28	0	25	3	0	0	0	0	0	0	0	0	0	0
10:00 PM	37	0	30	7	0	0	0	0	0	0	0	0	0	0
11:00 PM	13	0	12	1	0	0	0	0	0	0	0	0	0	0
Total	1827	6	1405	321	24	64	0	0	5	2	0	0	0	0
%		0.3	76.9	17.6	1.3	3.5	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0

**3.9%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/28/2021  
 Friday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	10	0	8	1	0	1	0	0	0	0	0	0	0	0
1:00 AM	8	0	7	0	0	1	0	0	0	0	0	0	0	0
2:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	2	0	1	1	0	0	0	0	0	0	0	0	0	0
4:00 AM	8	0	6	2	0	0	0	0	0	0	0	0	0	0
5:00 AM	19	0	16	3	0	0	0	0	0	0	0	0	0	0
6:00 AM	70	0	52	10	5	3	0	0	0	0	0	0	0	0
7:00 AM	190	0	158	25	4	3	0	0	0	0	0	0	0	0
8:00 AM	129	0	99	24	2	4	0	0	0	0	0	0	0	0
9:00 AM	70	1	49	12	1	7	0	0	0	0	0	0	0	0
10:00 AM	48	0	36	11	0	1	0	0	0	0	0	0	0	0
11:00 AM	67	0	45	20	0	2	0	0	0	0	0	0	0	0
12:00 PM	81	1	60	13	0	5	0	0	2	0	0	0	0	0
1:00 PM	114	0	88	21	2	3	0	0	0	0	0	0	0	0
2:00 PM	164	2	126	21	6	9	0	0	0	0	0	0	0	0
3:00 PM	179	0	139	31	3	6	0	0	0	0	0	0	0	0
4:00 PM	95	0	68	24	0	3	0	0	0	0	0	0	0	0
5:00 PM	117	0	97	17	0	3	0	0	0	0	0	0	0	0
6:00 PM	86	0	71	15	0	0	0	0	0	0	0	0	0	0
7:00 PM	54	0	41	12	0	1	0	0	0	0	0	0	0	0
8:00 PM	32	0	28	4	0	0	0	0	0	0	0	0	0	0
9:00 PM	28	0	24	2	1	1	0	0	0	0	0	0	0	0
10:00 PM	15	0	14	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	10	0	8	2	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>1598</b>	<b>4</b>	<b>1243</b>	<b>272</b>	<b>24</b>	<b>53</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>%</b>		<b>0.3</b>	<b>77.8</b>	<b>17.0</b>	<b>1.5</b>	<b>3.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**3.4%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/29/2021  
 Saturday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	9	0	7	1	0	1	0	0	0	0	0	0	0	0
1:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
2:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	3	0	0	1	0	0	0	0	0	0	0	0
4:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	2	0	1	1	0	0	0	0	0	0	0	0	0	0
6:00 AM	14	0	12	2	0	0	0	0	0	0	0	0	0	0
7:00 AM	22	0	18	4	0	0	0	0	0	0	0	0	0	0
8:00 AM	35	0	27	7	0	1	0	0	0	0	0	0	0	0
9:00 AM	64	0	47	15	0	2	0	0	0	0	0	0	0	0
10:00 AM	30	0	17	13	0	0	0	0	0	0	0	0	0	0
11:00 AM	55	0	43	10	0	2	0	0	0	0	0	0	0	0
12:00 PM	57	0	49	5	0	3	0	0	0	0	0	0	0	0
1:00 PM	48	0	38	8	0	2	0	0	0	0	0	0	0	0
2:00 PM	47	0	40	6	0	1	0	0	0	0	0	0	0	0
3:00 PM	63	0	49	14	0	0	0	0	0	0	0	0	0	0
4:00 PM	59	0	42	15	0	2	0	0	0	0	0	0	0	0
5:00 PM	45	0	33	11	0	1	0	0	0	0	0	0	0	0
6:00 PM	56	0	47	7	0	2	0	0	0	0	0	0	0	0
7:00 PM	32	0	27	5	0	0	0	0	0	0	0	0	0	0
8:00 PM	26	0	20	5	0	1	0	0	0	0	0	0	0	0
9:00 PM	19	0	14	3	0	2	0	0	0	0	0	0	0	0
10:00 PM	15	0	13	1	0	1	0	0	0	0	0	0	0	0
11:00 PM	11	0	11	0	0	0	0	0	0	0	0	0	0	0
Total	721	0	566	133	0	22	0	0	0	0	0	0	0	0
%		0.0	78.5	18.4	0.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**3.1%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/30/2021  
 Sunday

## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	6	0	4	2	0	0	0	0	0	0	0	0	0	0
2:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
3:00 AM	4	0	2	2	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	2	0	2	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	10	0	7	2	0	1	0	0	0	0	0	0	0	0
7:00 AM	8	0	7	1	0	0	0	0	0	0	0	0	0	0
8:00 AM	9	0	4	5	0	0	0	0	0	0	0	0	0	0
9:00 AM	44	0	35	9	0	0	0	0	0	0	0	0	0	0
10:00 AM	44	0	37	3	0	4	0	0	0	0	0	0	0	0
11:00 AM	56	0	49	6	0	1	0	0	0	0	0	0	0	0
12:00 PM	51	0	45	6	0	0	0	0	0	0	0	0	0	0
1:00 PM	34	0	24	10	0	0	0	0	0	0	0	0	0	0
2:00 PM	41	0	32	8	0	1	0	0	0	0	0	0	0	0
3:00 PM	46	0	40	6	0	0	0	0	0	0	0	0	0	0
4:00 PM	36	0	33	2	0	1	0	0	0	0	0	0	0	0
5:00 PM	32	0	25	7	0	0	0	0	0	0	0	0	0	0
6:00 PM	35	0	28	7	0	0	0	0	0	0	0	0	0	0
7:00 PM	27	0	24	3	0	0	0	0	0	0	0	0	0	0
8:00 PM	22	0	22	0	0	0	0	0	0	0	0	0	0	0
9:00 PM	15	0	12	2	0	1	0	0	0	0	0	0	0	0
10:00 PM	14	0	14	0	0	0	0	0	0	0	0	0	0	0
11:00 PM	10	0	10	0	0	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>551</b>	<b>0</b>	<b>461</b>	<b>81</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>%</b>		<b>0.0</b>	<b>83.7</b>	<b>14.7</b>	<b>0.0</b>	<b>1.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**1.6%**

# EXHIBIT A-3

Town : Northborough  
 Street : Maple Street  
 Location : 115 Maple Street (South of Rogers Avenue)

Site: 2021006  
 5/31/2021  
 Monday

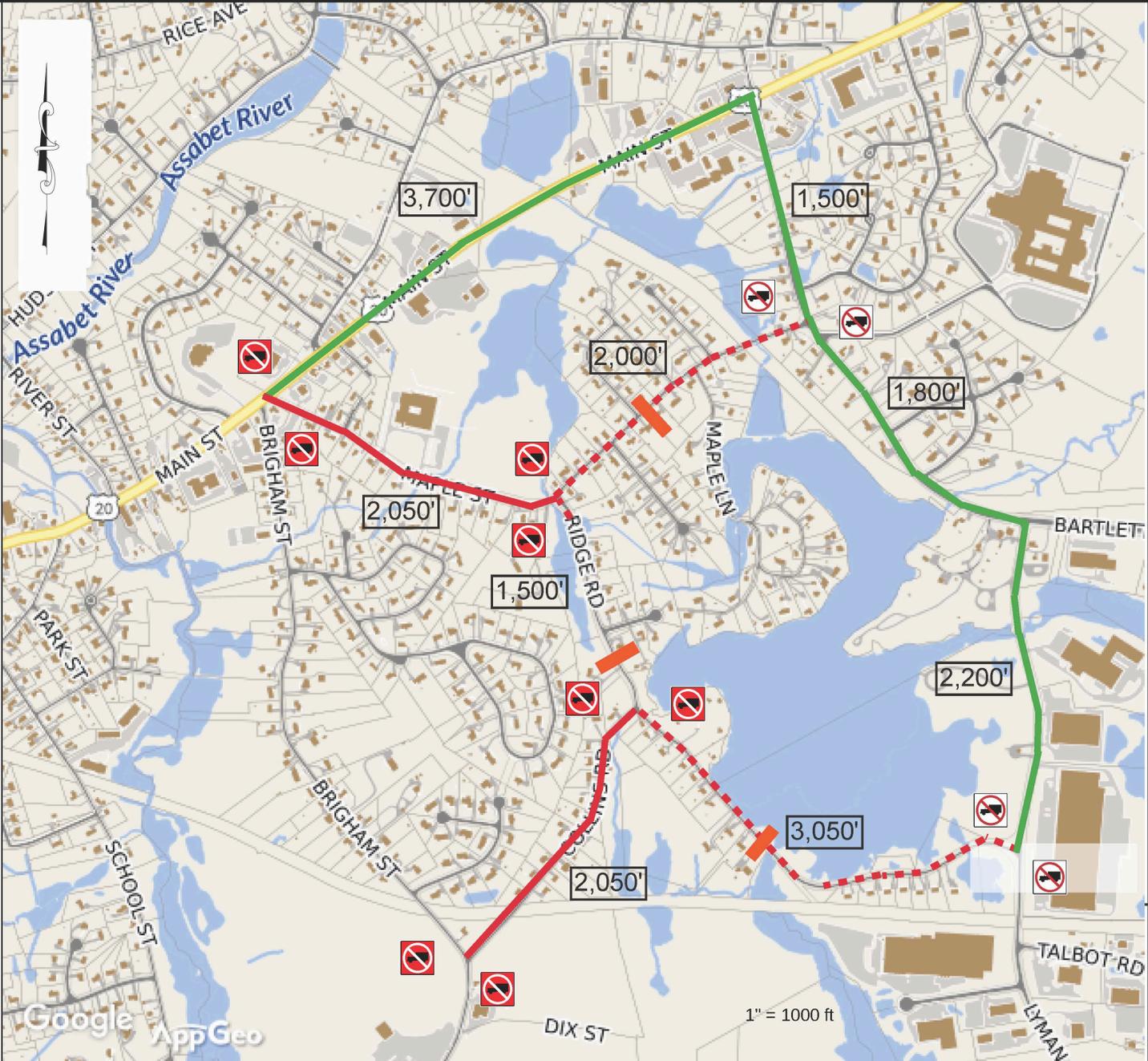
## Daily Classification

### Combined Channels

Interval Start	Total	Motor Bikes	Cars & Trailers	2 Axle Long	Buses	2 Axle 6 Tire	3 Axle Single	4 Axle Single	<5 Axle Double	5 Axle Double	>6 Axle Double	<6 Axle Multi	6 Axle Multi	>6 Axle Multi
12:00 AM	2	0	2	0	0	0	0	0	0	0	0	0	0	0
1:00 AM	7	0	6	1	0	0	0	0	0	0	0	0	0	0
2:00 AM	5	0	3	1	0	1	0	0	0	0	0	0	0	0
3:00 AM	1	0	1	0	0	0	0	0	0	0	0	0	0	0
4:00 AM	3	0	3	0	0	0	0	0	0	0	0	0	0	0
5:00 AM	4	0	4	0	0	0	0	0	0	0	0	0	0	0
6:00 AM	8	0	7	1	0	0	0	0	0	0	0	0	0	0
7:00 AM	8	0	8	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	16	0	11	4	0	1	0	0	0	0	0	0	0	0
9:00 AM	29	0	22	5	0	2	0	0	0	0	0	0	0	0
10:00 AM	54	0	42	10	0	2	0	0	0	0	0	0	0	0
11:00 AM	52	0	41	7	0	4	0	0	0	0	0	0	0	0
12:00 PM	62	0	42	18	0	2	0	0	0	0	0	0	0	0
1:00 PM	44	0	36	8	0	0	0	0	0	0	0	0	0	0
2:00 PM	66	0	54	11	0	1	0	0	0	0	0	0	0	0
3:00 PM	67	0	55	11	0	1	0	0	0	0	0	0	0	0
4:00 PM	56	0	38	16	0	2	0	0	0	0	0	0	0	0
5:00 PM	57	0	45	7	0	5	0	0	0	0	0	0	0	0
6:00 PM	37	1	30	5	0	1	0	0	0	0	0	0	0	0
7:00 PM	40	0	30	9	0	1	0	0	0	0	0	0	0	0
8:00 PM	38	0	34	2	0	2	0	0	0	0	0	0	0	0
9:00 PM	18	0	18	0	0	0	0	0	0	0	0	0	0	0
10:00 PM	13	0	12	1	0	0	0	0	0	0	0	0	0	0
11:00 PM	14	0	12	1	0	1	0	0	0	0	0	0	0	0
<b>Total</b>	<b>701</b>	<b>1</b>	<b>556</b>	<b>118</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>%</b>		<b>0.1</b>	<b>79.3</b>	<b>16.8</b>	<b>0.0</b>	<b>3.7</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

**3.7%**

# Town of Northborough Ridge Road Truck Exclusion Exhibit B September 2021



**LEGEND**

-  Proposed Truck Exclusion Sign
-  Existing Truck Exclusion Sign
-  Counter Location

**TRUCK EXCLUSION ROADS**

-  Alternate Roads
-  Existing Excluded Roads
-  Proposed Excluded Roads

Town of Northborough, MA makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated Jan 28, 2020  
Data updated Jan 28, 2020

## EXHIBIT C

Proposed Excluded Roadways	Road Type	Width Length	Surface Condition	Function Classification	Types of Traffic Control	Sidewalks
1. Maple Street	Local Rural Country	18'-21'	Fair	Local Road	Unsignalized, Double center yellow line, 1 speed signs (30 mph), 1 stop sign & 1 cross walk	No Sidewalk
1. Ridge Road	Local Rural Country	20'	Fair	Lowest level of mobility & safety	Unsignalized, No pavement markings, No speed signs & 2 stop signs	No Sidewalk
Proposed Alternate Roadways	Road Type	Width Length	Surface Condition	Function Classification	Types of Control	Sidewalks
1. Main Street (US Route 20)	State Highway	38'-42'	Good	Rural Minor Arterial	Signalized, double yellow center line, white line marked shoulders	sidewalk for short sections
2. Bartlett Street	Local Connector	30'-32'	Good	Rural Minor Collector	Signalized, double yellow center lines, shoulder white lines, speed signs (35 mph) 2 cross walks w/ yield points & 2 painted turning lanes	Sidewalk on one side
Lyman Street	Local Connector	24'	Fair to Good	High level of mobility	Unsignalized, double yellow centerlines, Stop Sign Control, shoulder white lines & No speed signs	No sidewalk

# TOWN OF NORTHBOROUGH

## OFFICIAL ZONING MAP



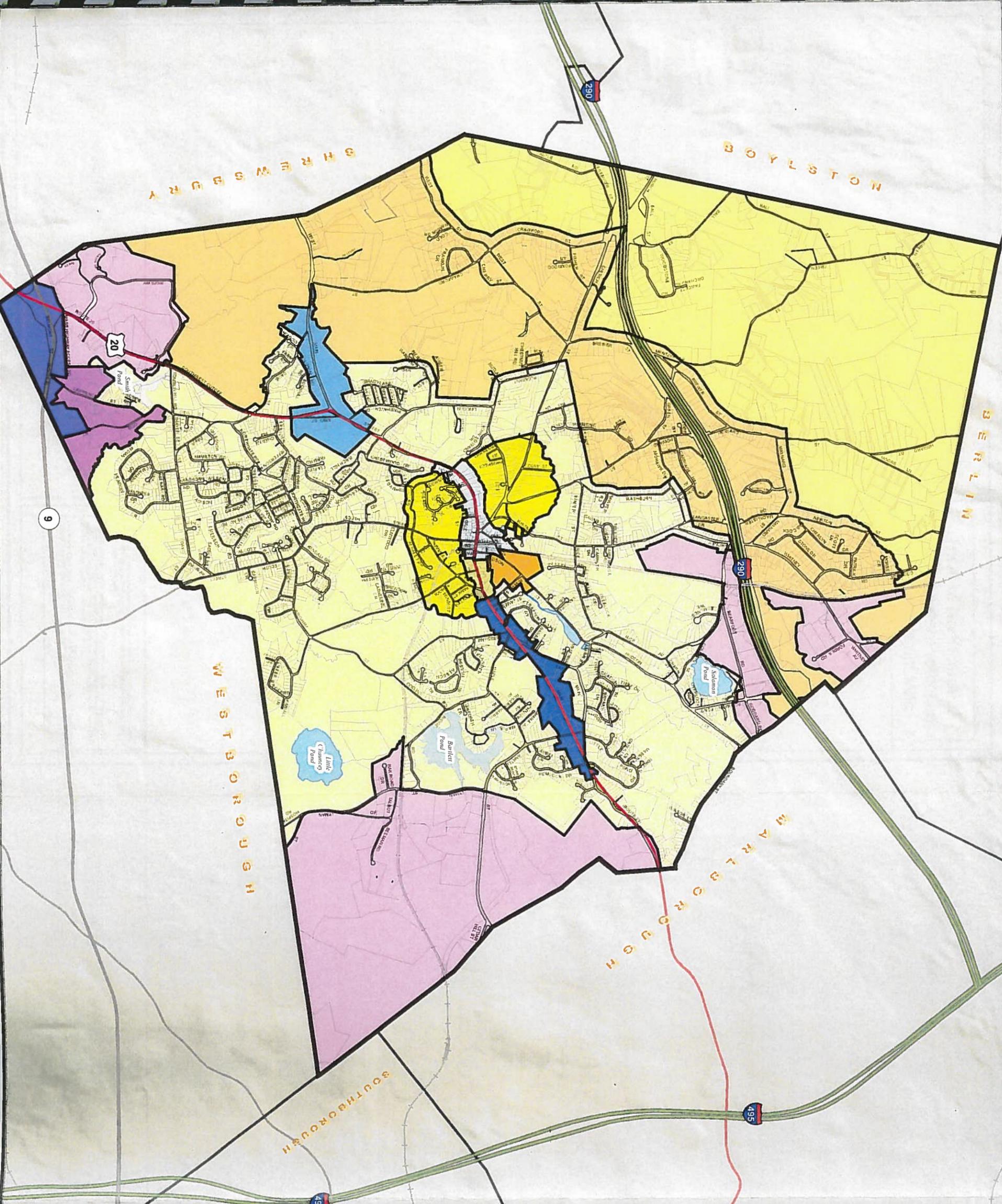
### ZONING DISTRICTS

-  BUSINESS EAST (BE)
-  INDUSTRIAL (I)
-  BUSINESS SOUTH (BS)
-  BUSINESS WEST (BW)
-  HIGHWAY BUSINESS (HB)
-  DOWNTOWN BUSINESS (DB)
-  DOWNTOWN NEIGHBORHOOD (DN)
-  RESIDENCE A (RA)
-  RESIDENCE B (RB)
-  RESIDENCE C (RC)
-  GENERAL RESIDENTIAL (GR)
-  MAIN STREET RESIDENTIAL (MSR)



This map was produced by the Town of Northborough Geographic Information System (GIS) using aerial photography and/or digital mapping performed by the James W. Sewall Company, as well as data from MASSGIS. This map is for planning purposes only and should not be used for legal or title work. The Town of Northborough shall not be held liable for any use of the data or images shown on this map nor is any warranty of accuracy expressed. All uses of this data set map are subject to field verification.

Use of this map constitutes acceptance of this policy. Any questions should be directed to the GIS GIS Department at (508) 393-1524 or gis@town.northborough.ma.us



# TOWN OF NORTHBOROUGH, MASSACHUSETTS

VOTED: That the Town Code of the Town of Northborough, adopted March 3, 1970, and subsequent amendments thereto, be and are hereby further amended as follows:

By amending and adding to Part 9-108-140 (2.5 Ton Truck Exclusions) section E., the following streets and descriptions:

Name of Street	
Maple Street	From Main Street (US Route 20) to Bartlett Street. The alternate route shall be Main Street (US Route 20) and Bartlett Street.
Ridge Road	From Maple Street to Lyman Street. The alternate route shall be Main Street (US Route 20), Bartlett Street to Lyman Street.

NORTHBOROUGH BOARD OF SELECTMEN

DATE: November 8, 2021

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ATTEST: \_\_\_\_\_  
Andrew T. Dowd, Town Clerk



[RETURN TO AGENDA](#)



## TOWN OF NORTHBOROUGH

63 Main Street  
Northborough, MA 01532-1994  
(508) 393-5040 Phone  
(508) 393-6996 Fax

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### MEMORANDUM

TO: Board of Selectmen

FROM: Town Administrator

SUBJECT: Update on Senate Bill S499

DATE: November 5, 2021

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Attached please find a copy of Senate Bill 499 – An Act Regarding Agricultural Composting Programs. As you know, Senator Harriett Chandler has twice before submitted similar legislation on behalf of the Town. We received late notice of a hearing regarding S499 on November 3, 2021 by the State Legislature’s Joint Committee on Environment, Natural Resources and Agriculture.

On behalf of the Town I submitted a letter and testified at the hearing in support of the Bill. I also contacted the Massachusetts Municipal Association (MMA) requesting their support and have been told that MMA Director Geoff Beckwith will be submitting testimony as well.

Anyone interested in providing written testimony in support of this legislation may do so by emailing it to: [JointCommittee.Environment@malegislature.gov](mailto:JointCommittee.Environment@malegislature.gov). Although there is no official deadline, it is generally recommended that written testimony be submitted within two weeks of the November 3<sup>rd</sup> hearing date.

Despite one of the composting sites in Northborough ceasing to operate on Green Street and the other on Whitney Street being subject to a settlement agreement following legal action by the Attorney General’s Office, the root problem remains. Under existing regulations by the State Department of Agricultural Resources, any farm may engage in large-scale commercial composting operations that are exempt from local zoning and land-use regulations. Senate Bill S499 would change that policy.

I look forward to providing a brief update at your November 8<sup>th</sup> meeting regarding this long-standing legislative priority.

*John W. Coderre*

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**SENATE . . . . . No. 499**

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The Commonwealth of Massachusetts

PRESENTED BY:

*Harriette L. Chandler*

*To the Honorable Senate and House of Representatives of the Commonwealth of Massachusetts in General Court assembled:*

The undersigned legislators and/or citizens respectfully petition for the adoption of the accompanying bill:

An Act regarding agricultural composting programs.

PETITION OF:

NAME:	DISTRICT/ADDRESS:	
<i>Harriette L. Chandler</i>	<i>First Worcester</i>	
<i>Danielle W. Gregoire</i>	<i>4th Middlesex</i>	<i>3/9/2021</i>

**SENATE . . . . . No. 499**

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By Ms. Chandler, a petition (accompanied by bill, Senate, No. 499) of Harriette L. Chandler and Danielle W. Gregoire for legislation relative to agricultural composting programs. Environment, Natural Resources and Agriculture.

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[SIMILAR MATTER FILED IN PREVIOUS SESSION  
SEE SENATE, NO. 435 OF 2019-2020.]

**The Commonwealth of Massachusetts**

\_\_\_\_\_  
**In the One Hundred and Ninety-Second General Court  
(2021-2022)**  
\_\_\_\_\_

An Act regarding agricultural composting programs.

*Be it enacted by the Senate and House of Representatives in General Court assembled, and by the authority of the same, as follows:*

1 Chapter 21H of the General Laws, as appearing in the 2018 Official Edition, is hereby  
2 amended by striking out subsection 7(b) and inserting in place thereof the following subsection:-

3 (b) The department of food and agriculture shall establish, in consultation with the  
4 department of environmental protection, an agricultural composting program. Said department of  
5 food and agriculture is hereby authorized to establish, in consultation with the department of  
6 environmental protection, state and local composting projects, and a demonstration agricultural  
7 composting program, and to accept applications for grants from municipalities for the purposes  
8 of creating agricultural composting projects. Said department of food and agriculture shall  
9 promulgate rules and regulations for the operation of state, local, and demonstration agricultural  
10 composting programs provided, however, that any such rules and regulations shall require that

11 all composting projects and facilities comply with local zoning, land use, conservation, and  
12 health ordinances, bylaws, and regulations, including but not limited to requirements regarding  
13 setback or separation distances, odors, dust and debris, types and quantities of materials, and  
14 source of materials – on-site and off-site, and all such projects and facilities shall comply with  
15 such local ordinances, bylaws, and regulations.



## TOWN OF NORTHBOROUGH

Town Offices  
63 Main Street  
Northborough, MA 01532-1994  
(508) 393-5040 Phone  
(508) 393-6996 Fax  
[www.town.northborough.ma.us](http://www.town.northborough.ma.us)

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November 3, 2021

TO: The Joint Committee on Environment, Natural Resources and Agriculture

State Senator Rebecca L. Rausch, Senate Chair  
State House, Room 218  
Boston, MA 02133

State Senator James B. Eldridge, Senate Vice Chair  
State House, Room 511-C  
Boston, MA 02133

State Representative Carolyn C. Dykema, House Chair  
State House, Room 127  
Boston, MA 02133

State Representative Mindy Domb, House Vice Chair  
State House, Room 134  
Boston, MA 02133

RE: Letter of Support of Senate Bill 499 –  
An Act regarding Agricultural Composting Programs

On behalf of the Town of Northborough's Board of Selectmen we are writing in support of Senate Bill 499 – An Act regarding Agricultural Composting Programs, which was referred to the Joint Committee on Environment, Natural Resources and Agriculture on March 29, 2021.

We write in support of a policy change to regulate large-scale agricultural composting operations that would provide local control over agricultural composting operations in residential neighborhoods. This legislative fix is essential to protect neighbors and their families from the harmful and unpleasant effects of living in proximity to a large composting operation.

Communities in proximity to agricultural composting have been unsuccessful in prior attempts to reconcile disruptions that come with the composting. Disruptions can include volatile odors, fear of contamination of public resources such as water, inability to use public spaces, illness, and an influx of traffic by vehicles too large to be suitable for the neighborhood roads. Unfortunately, under the current regulatory structure, municipalities have little power to address these disruptions.

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Empowering municipalities to help their constituents is of the utmost importance, and Beacon Hill must ensure that constituents are provided recourse and protection at the local level. Senate Bill 499 is necessary to ensure that residents are afforded protection by their local government. Agricultural composting operations should not be exempt from local zoning and land-use regulations, or the site assignment process administered by the Department of Environmental Protection. This policy change will ensure that these regulations are put in place.

We strongly urge the Joint Committee on Environment, Natural Resources and Agriculture to support this policy change, and hope to see this fix implemented in the final law.

Sincerely,

A handwritten signature in blue ink, appearing to read "John W. Coderre", written over the word "Sincerely,".

John W. Coderre  
Town Administrator

cc: Board of Selectmen  
Senator Harriette Chandler  
Senator James Eldridge  
Representative Meghan Kilcoyne  
Representative Danielle Gregoire

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