

MIDDLETON SELECT BOARD
MEETING AGENDA AMENDED
FULLER MEADOW ELEMENTARY SCHOOL
NATHAN MEDIA CENTER
143 SOUTH MAIN STREET, MIDDLETON, MA 01949
TUESDAY, JULY 9, 2024
6:00 PM

This meeting is being recorded

6:00 pm	1. Business
	a. Warrant: 2426, 2427, 2501 and FP 39
	b. Minutes: Open Session, June 18, 2024, Executive Session June 18, 2024
	c. Town Administrator Updates and Reports
6:05 pm	2. Public Comment
6:15 pm	3. Department Head Update: Traci Mello, Health Director
6:20 pm	4. Joint meeting with the Middleton Library Board of Trustees to appoint new Trustee
6:40 pm	5. Vote new appointments (see attached list)
6:45 pm	6. Final presentation and report from Studio Luz on Memorial Hall Feasibility
7:05 pm	7. Year End Transfers presented by Finance Director Wood
7:15 pm	8. Annual Renewal for Class II License for Alba Auto Export
7:20 pm	9. Acceptance of donations
	a. Food Pantry \$1,000 from Francis Leary
7:25 pm	10. Selection of Select Board designee for the Town Masco Coordination Group (TMCG)
7:30 pm	11. Update on TEC Study of Rt. 62 pass through traffic at intersection of Rt. 114, Memorial Hall
7:40 pm	12. Updates & Announcements
7:45 pm	13. Executive Session pursuant to G.L. c. 30A, s. 21(a)(2) To conduct strategy sessions in preparation for negotiations with nonunion personnel or to conduct collective bargaining sessions or contract negotiations with nonunion personnel: Police Captain

Upcoming Meetings:

August 6

September 3 and 17

Regular Select Board Meeting

Regular Select Board Meeting



MEETING MINUTES
MIDDLETON SELECT BOARD MEETING
FULLER MEADOW SCHOOL, NATHAN MEDIA CENTER
143 SOUTH MAIN STREET, MIDDLETON, MA 01949
June 18, 2024 at 6 PM

With a quorum present the Chair called the meeting to order at 6 pm.

Select Board present: Jeff Garber*, Chair; Brian Cresta; Kosta Prentakis; Debbie Carbone, Rick Kassiotis*, Clerk. Also attending: Justin Sultzbach, Town Administrator; others as noted.

The Board reserves the right to consider items on the agenda out of order. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

1. *Reorganization: Elect Chair; Elect Clerk

On a nomination by Carbone, seconded by Prentakis, the Board voted unanimously R. Kassiotis as Chair.

On a nomination by Garber, seconded by Cresta, the Board voted unanimously D. Carbone as Clerk.

2. Business

a. June 13, 2024 Warrant 2425: Payroll: \$ 960,902; Bills Payable: \$ 1.9 million

The Town Accountant/Finance Director Sarah Wood has reviewed the warrant and requested the Board's approval. Town Administrator Sultzbach provided a brief overview of the warrant presented for approval.

On a motion by Prentakis, seconded by Cresta, the Board voted unanimously to approve Warrant 2425.

b. Minutes: May 23, 2024 OS; May 23, 2024 ES; May 28, 2024 OS

On a motion by Cresta, seconded by Prentakis, the Board voted unanimously to approve the minutes as presented.

c. Town Administrator Updates & Reports- *This report is posted on the Town website.*

- Thank you to Brad Swanson, our Town Assessor, who is resigning his post as Facilities Manager at the end of this month. Brad has done a top-notch job of keeping things together over the years as Middleton grew from its humble small-town roots. His absence will be missed, and further highlights the need for a dedicated Maintenance role in town in the near future.
- The Transfer Station will be open tomorrow, as well as from 6am-2pm on Thursday and Friday to avoid the heat.
- The Ground Breaking for the Municipal Complex was a huge success. Thank you for all those that helped plan it, as well as ATA Bresnahan for coordinating the details.
- The Memorial Putting Green has been put on hold out of concerns over the synthetic turf. A future plan centering around a walking trail marking the location of each hole is currently in development.
- Things are moving along with the Fuller Meadow Lot parking changes. A meeting was held with the owner of The Lot to negotiate the use of temporary parking.
- The Town Administrator has been participating in the Masco Teachers bargaining sessions as the TA representative between the three communities. We are looking to strike a deal within the month.
- The Town Administrator had a conversation with MassDOT this week – the dedicated left arrow at Rt114 and Rt62 has been approved. They will be out in July to inspect the current mast arm to ensure it can support the weight of the new signal heads.
- We had a productive neighborhood meeting for the Bottleneck Reduction Grant in the Central and Washington Street area. Thank you to the residents who participated, as well as Board members, engineers, and DPW Director Goodwin.

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- Given the proximity of the (July 4th) holiday, I am proposing the closing of town buildings on the 5th of July. We will post notices on the doors as well as on the town website.

K. Prentakis noted the Board receives Town Department statistics during the budget process and requested these be provided to the Board quarterly, starting with the new Fiscal Year. J. Sultzbach will draft a chart to collectively provide this information on a single document for the Board.

K. Prentakis suggested a Select Board member act as a representative to work with Masco Administration, School Committee & the other towns regarding the school's capital needs to help coordinate and move the process forward. B. Cresta recommended the three towns hold a meeting over the summer to include the Town Administrators, representatives from the Select Board members, Finance Committee, School Committee and the Superintendent & Asst. Superintendent. J. Sultzbach will initiate a discussion with the other communities and school.

3. Public Comment

Resident Purvee Mittal, Central St: Recognized the progress made to provide traffic calming measures around Central and Washington Streets and questioned the funding to continue the work and when an assessment of the work would be done. J. Sultzbach responded phase one was funded through the Bottleneck grant, and an assessment will be performed after each season and if any additional work is determined to be needed, this would be phase two and additional funding would be sought.

4. Appointment of new Police Officer – Ryan Duval

Police Chief Sampson was present to recommended R. Duval, also present, to the Middleton Police Department and briefly spoke on R. Duval's credentials and requirements, noting he is a Middleton native. It was noted this is not an additional officer but filling a vacancy on the department due to a retirement.

*On a motion by Cresta, seconded by Garber, the Board **voted 4-0-1 to appoint** Ryan Duval as a police officer contingent upon the successful completion of the Police Academy for a term beginning July 22, 2024 – June 30, 2024. R. Kassiotis abstained due to his position on the police department.*

5. Officer Jordan Kemp- Acceptance of donation of street sign for Couture Way from Middleton Police Benevolent Association - Officer Kemp was present exhibiting the sign to be donated in honor of Sergeant Edward M. Couture, end of watch July 10, 1997 and installed at Couture Way. The official unveiling of the sign will be July 10, the day officer Couture was killed in the line of duty.

The Benevolent Association was recognized for reaching out to the developer, family and town in putting this forward as a way to remember Sgt. Couture.

*On a motion by Prentakis, seconded by Cresta, the Board **voted unanimously to accept the donation** from the Middleton Police Benevolent Association of a street sign in memory of Sergeant Couture.*

The Board voted unanimously to a five minutes recess.

6. Executive Session – Pursuant to G. L. c 30A, S. 21 (a)(6) regarding 49 S. Main St/10-18 Boston St Project Villebridge Middleton Development Agreement. Attorney Talerman, Town Counsel was present for this agenda item.

It was determined Executive Session was not needed at this time and the Board moved on to the next agenda item.

7. 49 S. Main St/10-18 Boston St Project Villebridge Middleton Development Agreement - Developer Lars Unhjem was present with his Attorney John Smolak and participated in this discussion.

J. Sultzbach spoke on the Development Agreement which gives the Town the opportunity to work with the developer on specific aspects of the project. He noted negotiating the agreement was a long process and recognized all parties for their cooperation and concessions negotiating the agreement.

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Attorney Talerman gave an overview of the proposed commercial/residential project and the Development Agreement which includes traffic mitigation, signal issues, sidewalks, and housing. In summary, the town will receive easements from the developer.

J. Garber questioned page 13 paragraph P that the agreement may be terminated by the developer if the relief on the commercial project is not received, and specifically noted the drive through has not yet been approved. L. Unhjem referenced Section 5C which states in part that the ZBA issues each and all of the special permits requesting in section 6 within the regulatory time frames, etc. and confirmed he would terminate the agreement if the drive through is not approved.

Regarding the taking of the land for easements (page 11 Paragraph G), the developer is waiving the fee for compensating the value of land, but if the town does not accept the easement by 2034, the developer may take back the land by eminent domain.

The Board clarified with Attorney Talerman that the scenario exists where the town could end up with both the residential and commercial project but no easements and questioned the benefit of signing the agreement as presented. J. Sultzbach offered the perspective that there are benefits for both the town and developer to have the easement in place and the infrastructure built.

In response to being asked to add a clause in the agreement regarding the drive-through, L. Unhjem stated he was unwilling to do that at this time based on economic profile of the market place and is critical aspect of the project to create a best in class neighborhood situation. He acknowledged the concerns related to the drive through and pointed out the drive through has been designed to be as innocuous as possible. Even though no concerns have been raised by the traffic studies to indicate a drive through will impact traffic, mitigation steps were taken in the design of a drive through. On a side note, L. Unhjem explained he will submit an offer to the ZBA to restrict certain vendors the town is concerned about and is trying to attract a "high quality sit & stay operator."

Attorney J. Talerman noted a public hearing has been scheduled regarding the proposed development for detailed discussions and further explained the ZBA's jurisdiction in a 40b comprehensive permit process including conditions on under a Special Permit.

The Board exercised their ability to enter in to Executive session to consult with Town Counsel regarding the proposed Development Agreement as identified on the agenda.

7:12 pm Executive Session – Pursuant to G. L. c 30A, S. 21 (a)(6) regarding 49 S. Main St/10-18 Boston St Project Villebridge Middleton Development Agreement.

On a motion by Prentakis, seconded by Cresta, the Board voted unanimously by roll call to enter into Executive Session Pursuant to G.L. c 30A §21 (a)(6) To consider the purchase, exchange, lease, or value of real property if the chair clears that open meeting may have a detrimental effect on the negotiating position of the public body: 49 South Main St./10 –18 Boston St. project Villebridge Middleton Development Agreement.

The Board returned to open session.

B. Cresta opined something would be built on this property and the proposed Villebridge project may fix the intersection and have a positive impact on Route 114 traffic and although he would not be pleased if "at some point the agreement goes south due to the project determination through the ZBA" he supported the Board instantly move forward with eminent domain proceeding so the town could move forward with efforts to fix the intersection; adding he understood the position of the developer.

The meeting was open to the public for comment /questions.

Fred Feldman, Blue Haven: as an abutting development, their contractor has been mitigating groundwater issues as well as run off issues and in the review report, it was recommended there be a groundwater monitoring system if there were 10,000 gallons per day going in from the septic system in the ground; it is just 100 gallons less than that. He reiterated the concern of residents at Blue Haven regarding the water run off as well as water table issues, adding this was the third time this has been asked about. J. Sultzbach responded this is outside of a Development Agreement.

J. Bresnahan added the full peer review of the project would be made at the June ZBA meeting and the peer reviewer have been asked to address Blue Haven's concerns with the water run off/water tables in their presentation.

Another Blue Haven resident questioned if the Board had the option to postpone their decision on the Agreement, considering the outstanding issues as mentioned and it was explained the Development Agreement sets certain

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expectations for the Town under the Select Board's control and the ZBA addresses zoning issues under their jurisdiction; the Development Agreement needs to be in place prior to permitting as it is based on ZBA's decisions. He observed a traditional 40B would not give the town the ability to negotiate local initiatives i.e. traffic mitigation and commended L. Unhjem for not going the 40b route and negotiating and working with the town and providing land for additional dedicated lanes on Route 114 & Route 62, sidewalks, and signal changes.

*On a motion by Prentakis, seconded by Carbone, the Board **voted unanimously to approve** the 49 S. Main St/10-18 Boston St Project Villebridge Middleton Memorandum of Understanding (aka Development Agreement).*

Agenda Items 8 and 9A were taken up together with consensus.

8. Joint Appointments with Zoning Board of Appeals

9. Update of Board & Committee Vacancies/ Usual Annual Appointments - The appointment and terms were listed in the memorandum from J. Bresnahan to the Select Board dated June 14, 2024.

Tom Mullen was present and spoke on his interest in being appointed as a ZBA alternate.

*On a motion by Cresta, seconded by Prentakis, the Board **voted unanimously to approve** the reappointment for the three-year terms to the Bylaw Committee, Council on Aging, Municipal Property Tax Relief Committee, Rails to Trails Committee, and the Recreation Commission for the individual listed as such for a term through June 30, 2027 and approve the appointment for two year terms to the Solid Waste Advisory Committee, the Zoning Board of Appeals (ZBA) and the ZBA Alternate, Solid Waste Advisory Committee for the individuals listed as such for a term through June 30, 2026; and ZBA Rich Benevento, for a term through June 30, 2029; ZBA Alternates Anne LeBlanc Snyder & Tom McMullen for a term through June 30, 2025; Municipal Property Tax Relief Committee Nick Federico for a term through June 30, 2027; and Solid Waste Advisory ex-officios for a term through June 30, 2026.*

Library Board of Trustees Mid-Term Vacancy – With the resignation of Erin Bennett, there is a vacancy on the Board. E. Bennett was thanked for her service. This appointment will be made at the July 9 Select Board meeting. J. Bresnahan read through the list of vacancies on Town Board s/Committees. Details are on the Town Website.

10. Department Head Update: Information Technology – Present for this agenda item were Liam Welch & Colby Cousens, CIO for the Town of Danvers and the North Shore Collaborative, established in 2021, with eight communities sharing cyber services. A presentation was referenced during this update including an overview of the collaborative, cost savings, with \$1.5 million in grant funding to date to control costs and improve services. C. Cousens reviewed aspects specific to Middleton, such as access to internal staff, resources, monitoring, professional development, and data center management. Middleton also funds an extra employee and is provided one full time equivalent in hours of varied expertise.

Currently a long term strategy plan is being worked on, as well as infrastructure, business solutions, and customer services; these will adjust as the strategic plan is clarified. A review of cost savings was provided including \$10,000 with the implementation of the new phone system and 10 percent savings on capital server refresh operational cost conversion. An IT Policy Handbook /best practices is being worked on over the summer. The Refresh & Maintenance Cycle goal was summarized and an overview of the assets and services available to the town; the Select Board will prioritize strategic goals.

C. Cousens introduced strategic opportunities including AI research & development plans and updating fiber optic infrastructures.

11. One Day Liquor License for The Lot, 145 S. Main St (designated area) – It was noted the Lot will have a total of 78 one day liquor licenses this year, under different managers. The Board asked to revisit the one day liquor license policy and suggested the applicant consider a seasonal license; ABCC will be consulted. The Board requested an agenda item in October regarding liquor licensing i.e. Beer Gardens going forward.

*On a motion by Cresta, seconded by Carbone, the Board **voted unanimously to approve additional** one day licenses to Winter Hill Brewing Company / Indignant Brewing Company 328 Broadway St., Somerville for the premises known as The Lot, Breck Bailey, Manager, for the dates of Thursdays & Fridays - 12 noon to 8pm, June 20 -July 5, 2024; and Sunday & Saturday 12 noon to 8pm, July 6 & 7, 2024. Additionally to Winter Hill Brewing Company / Indignant Brewing Company 328 Broadway St., Somerville for the premises known as The Lot, for Bert Holdredge, Manager, for Thursdays, Fridays, Saturdays, & Sundays, from 12 noon to 8pm, July 11-August 30, 2024. Additionally, to Winter Hill Brewing Company / Indignant Brewing Company 328 Broadway St., Somerville, for the premises known as The Lot, for Hannah Fayne, Manager, for Thursdays, Fridays, Saturdays, & Sundays, from 12 noon to 8pm, August 31 – September 29, 2024.*

12. Annual Ambulance Write-Offs - J. Sultzbach reported the 2021 data, not including the Middleton Jail, of a 12.9 percent (\$86,00 of \$670,000) debt that was uncollectable. There was a brief discussion if the services of engaging the services of an additional collection agency would be beneficial. J. Sultzbach will look into this.

*On a motion by Carbone, seconded by Graber, the Board **voted unanimously to write off** the uncollectible debt from the annual ambulance write-off in in the amount of \$86,000.*

13. Acceptance of Bottleneck Reduction Grant - The Town received official acknowledgement from the Commonwealth on the receipt of the construction funding component for improvements at Maple St. from Washington Street to S. Main Street was approved for \$166,961.71.

*On a motion by Cresta, seconded by Garber, the Board **voted unanimously to approve** the acceptance of the Bottleneck Reduction Grant in the amount of \$166,961.71*

14. Town Administrator Annual Evaluation Process- J. Sultzbach is coming up on his first year anniversary with the Town. The proposed process and timeline was acceptable to the Board .

15. Announcements

K. Prentakis recognized Emma and employees of the Danvers Morgan & Stanley Office for their volunteer work helping clean up the canoe landing.

Carbone thanked J. Sultzbach and J. Bresnahan for the June 17 ceremony.

Upcoming Select Board Meetings: July 9; August 6

Adjourn: *The Board voted unanimously to adjourn at 8:45pm.*

Respectfully submitted by

Catherine E. Tinsley

Catherine Tinsley, Recording Secretary

Debbie Carbone, Select Board Clerk

Documents either distributed to the Select Board before the meeting in a packet or at the meeting:

- Warrant 2425.
- Minutes- May 23, 2024 OS; May 23, 2024 ES; May 28, 2024 OS
- MassDOT Bottleneck Grant award letter, June 11, 2024
- Police Department Letter of Recommendation – June 14, 2024
- Email J. Kemp re Police Benevolent Association donation June 13, 2024
- J. Bresnahan Memo re Re-appointments, June 14, 2024
- Letter of Resignation- Erin Bennett, June 12, 2024
- One day Liquor License Applications for Winter Hill Brewing Co.- H. Fayne; B. Bailey; B. Holdredge



Tamara Gaydos

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<https://www.linkedin.com/in/tamara-gaydos-74b6a97>

Executive Summary

Certified archivist with expertise in arrangement, description, and preservation of archival materials and cataloging. More than 19 years of experience including staff management; budgeting; strategic planning; archival appraisal and cataloging; research; preservation; and public speaking.

Professional Experience

Outreach Archivist, October 2023-present

New England Yearly Meeting of Friends

- Communicate with New England Yearly Meeting members to guide the creating, gathering, and transferring of permanent records to the University of Massachusetts Amherst Special Collections
- Conduct workshops and consultations with groups on archival best practices
- Create and manage archival collection development programs
- Create procedures for digital donation

Archival Consultant, April 2023-January 2024

Newbury Town Library, Special Collections, Byfield, MA

- Assessed collection to identify what should be deaccessioned
- Wrote finding aids for small manuscript collections
- Assessed programming and institutional records
- Oversaw and supervised one part-time staff member

Archival Consultant, April 2022-August 2022

Lawrence Public Library, Special Collections, Lawrence, MA

- Assessed collection to identify what should be deaccessioned
- Developed a collection policy
- Assessed unprocessed materials and help to prioritize processing projects
- Oversaw and supervised one or two processing projects
- Developed a manuscript processing manual

Archivist (term), December 2020-December 2021
Haverhill Public Library, Special Collections, Haverhill, MA

- Arranged, described, and wrote finding aids for manuscript collections.
- Created records for archival accessions, collections, and photographs into PastPerfect database to be available online.
- Worked with donors to acquire material for Special Collections department.

Manuscript Librarian, June 2007-June 2020

Phillips Library at the Peabody Essex Museum, Salem, MA – The Peabody Essex Museum is considered one of the oldest continuously operating museums in the United States. The Phillips Library holds numerous historic collections ranging from maritime history to Essex County, Massachusetts, records.

- Arranged, described, and wrote finding aids for Phillips Library manuscript collections. Cataloged MARC records into online database and uploaded them to OCLC.
- Processed new acquisitions including re-housing and cataloging.
- Supervised full-time employees, graduate student interns, and volunteers in processing collections.
- Developed policies, procedures, and workflows for manuscript processing and wrote processing and cataloging manuals.
- Advised Library Director on which manuscript items to accept/purchase.
- Visited donors to appraise their collections.
- Purchased manuscript items at auction and through dealers.
- Assisted patrons in Reading Room on a regular basis.
- Implemented [ArchivesSpace](#) and contributed to post-migration data cleanup
- As part of the NetX onboarding team, created library attributes and reviewed software for suitability to house library digital objects.
- As part of the Aeon selection and onboarding team, reviewed and suggested changes to customize the software.
- As part of the Library Initiative Team, interviewed vendors for cataloging project, created a cataloging plan, reviewed budget suggestions, and contributed to moving plan. Created standards for vendor cataloging of manuscript material.
- Along with the library staff, planned and executed two major moves to new locations.

NHPRC Grant Project Manager, October 2011-September 2013
Phillips Library at the Peabody Essex Museum, Salem, MA

- Applied for grant, created work plans, hired and supervised Assistant Manuscript Processor, and managed budget.
- Arranged, described, and wrote finding aids for collections covered by grant.
- Cataloged MARC records into online database and sent them to OCLC.
- Produced reports to the granting agency.
- Encoded finding aids into EAD.
- Customized the display of finding aids in CONTENTdm and uploaded xml files.
- Project was finished on time and under budget.

Processing Assistant, January 2007-July 2007

Northeastern University, Boston, MA

Assisted in the processing and creation of finding aids of Boston-based social justice and service organizational records ([Citywide Educational Coalition](#), [Sociedad Latina](#), and [Urban League of Eastern Massachusetts](#)). This was a grant-funded position.

Education

M.S. in Library and Information Science, May 2004

Concentration in Archives

Simmons College, Boston, MA

B.S in Languages Major: Russian Minor: Business

Georgetown University, Washington, D.C.

Professional Affiliations

New England Archivists, member since 2004

Society of American Archivists, member since 2004

Society of American Archivists, Museum Archives section, Recording Secretary, 2015-2017

Academy of Certified Archivists, member since 2012

Professional Presentations

“Ghosts of Careers Past” presented at the Mid-Atlantic Regional Archives Conference Fall Conference, November 2013, Philadelphia, PA

“Ask an Archivist” panelist at Society of American Archivists Annual Meeting, August 2015, Cleveland, OH

“Moving, Moving, Moving” panelist at Society of American Archivists Annual Meeting, August 2016, Atlanta, GA

Skills

Experienced with ArchivesSpace, Voyager, MARC, OCLC Connexion, CONTENTdm, oXygen, Word, Excel, PowerPoint, WordPress, Adobe Acrobat, Photoshop, PastPerfect
Knowledge of EAD, DACS, RDA, XML, LCSH, DCRM(MSS), and AAT
Good reading knowledge of Russian and Spanish

Community Service

<i>Middleton Cultural Council</i> , member	2022-present
<i>American Association of University Women</i>	
Member	1996-present
Chair, College Connection Committee	2015-2018, 2021-2024
Administrative Assistant to the Massachusetts Board	2012-2014
Branch Co-President, Membership Vice-President	1996-2010



Town of Middleton
Memorial Hall
48 South Main Street
Middleton, Massachusetts
01949-2253
978-774-3589
www.middletonma.gov

TOWN OF MIDDLETON TALENT BANK APPLICATION

The Select Board maintains a Talent Bank of names of citizens of Middleton willing to serve on boards, commissions and committees. Names in this file are available for use by all Town Departments.

Names: Rachel Nemeth Telephone: (978) 774-9599 (landline)
Address: 29 North Main Street Bus. Telephone: _____
Email Address: ranemeth@liberty.edu
Occupation: editor
Background Experience: education/teaching, communications, career counseling, psychology, health, biomedical ethics, biology, research, property management

I am interested in serving on Town Boards and Committees involved in the following areas:
(Please check all that apply. The Board encourages you to attach a recent resume if available.)

<input type="checkbox"/> Board of Health	<input type="checkbox"/> Recreation Commission
<input type="checkbox"/> Council on Aging	<input type="checkbox"/> Historical Commission
<input type="checkbox"/> Finance Committee	<input type="checkbox"/> Planning Board
<input type="checkbox"/> Board of Appeals	<input type="checkbox"/> Industrial Commercial Development Review Committee
<input type="checkbox"/> Conservation Commission	<input type="checkbox"/> Zoning Bylaw Review Committee
<input type="checkbox"/> Cultural Council	<input checked="" type="checkbox"/> Other: <u>Library BOT</u>
<input type="checkbox"/> Other: _____	<input type="checkbox"/> Other: _____

Amount of Time Available: several hours a month (at least 4 for meetings, plus more for research)

Are you available year round for committee meetings? Yes X No _____
If not, when are you available?

_____ Winter _____ Spring _____ Summer _____ Autumn

Are there any Boards or Committees in which you are particularly interested?

Trustees of the Flint Public Library

Rachel Nemeth

Signature

Please submit all responses to the Town Administrator's Office via the mailing address above or via email at:
jackie.bresnahan@middletonma.gov

June 24, 2024

Date

Rachel Nemeth

Middleton, MA | 978.774.9599 (landline) | ranemeth@liberty.edu

SUMMARY OF QUALIFICATIONS

- Enrich organizations through highly creative and solutions-focused thinking leading to problem-solving and positivity
- Promote organizations' images through polished communication across media, enabled by proofing/editing expertise
- Strategically market services through copywriting skills and other strategies, creating mutually beneficial connections
- Empower others through active professional and volunteer involvement in human services

MOST-RELEVANT EXPERIENCE

Editor, Liberty University Online Academy, Lynchburg, VA

2021 – Present

- Edit K-12 curriculum projects (course lessons, quizzes, answer keys, etc.) for accuracy in grammar, spelling, and punctuation to ensure standards of academic and professional quality are met and to enhance readability
- Enhance content by editing to improve flow and clarity, and to facilitate end-user understanding (students, parents, instructors, etc.)
- Collaborate with team of curriculum project managers, subject matter experts, and editors
- Interface with learning management system, content authoring platform, and other instructional technologies/tools

Teacher (7th & 8th grade science, 9th & 10th grade biology), Great Rock Christian Academy, Danvers, MA 2023 – 2024

- Cultivated in students a grounded and realistic sense of self-worth, meaning, and purpose from which to grow and build character, and watched them rise to new heights
- Curated news and content from many sources to provide students with additional information to supplement textbook content and add value
- Assessed reading/Lexile® level of students through assignment of article reading with comprehension/critical-thinking questions plus an unfamiliar-word count
- Instructed students in how to evaluate information sources and in the uses and limitations of technology
- Welcomed student-initiated class discussions and questions

Career Counselor, Liberty University Career Center, Lynchburg, VA

2016 – 2018

Strategic Leadership & Initiatives

- Developed and implemented plans to advance the goals of Career Services, such as spearheading opportunity for engagement in faculty professional development

Engagement & Outreach Services

- Promoted awareness of and engagement with the career center by developing and implementing new communication initiatives
- Developed and taught presentations/workshops on career assessment, resumes and cover letters, LinkedIn/networking, interviewing, and persuasion

Collaboration & Bridge-Building

- Collaborated closely with 5 colleagues to serve 15,000 residential and 50,000 active online students, plus all alumni, rapidly adapting to preserve continuity under ambiguous and ever-evolving conditions
- Cultivated relationships with employers, faculty, and staff, creating mutually beneficial connections
- Built bridges between the career center and academic and student success departments, breaking down silos and providing support for them and their students through productive partnerships
- Partnered with faculty and staff members to enhance the quality of service provided for students, alumni, and other university stakeholders

Research

- Researched continually to build up knowledge and resources to serve the wide variety of clients supported
- Focused research on areas vital to workforce development, such as leadership, characteristics and expectations of generations (Baby Boomers—Generation Z), in-demand soft skills, and impact of AI/machine learning

Counseling & Coaching Services

- Counseled diverse clientele regarding the full range of career concerns, including experiential learning, career/life decisions, choosing/changing majors, planning for graduate school, networking, interviewing, and job searching
- Served as the designated career counselor for College of Medicine, School of Nursing, and School of Aeronautics, and for biology/pre-med/pre-dental, public health MPH, zoology/pre-vet, chemistry, and math majors, plus more (33 total)
- Connected students and alumni with job leads and employers
- Evaluated students using interviews, counseling sessions, and career assessments, sharing feedback to help them refine their understanding of their abilities, values, interests, and personality traits to aid in decision-making
- Drew from research in communication, marketing, and psychology to instruct students in the preparation of effective resumes, curricula vitae, cover letters, and personal statements
- Simulated job/graduate school interviews through tailored role-playing based on thorough prior research, providing students with opportunities to practice and hone skills under realistic mock interviewing conditions
- Coached students in the full spectrum of non-verbal cues, including body language, oral fluency, attire, and staging/scene-setting

Workforce Consulting & Training

- Identified and gained understanding of staffing/workforce needs, such as hiring and turnover challenges, by engaging with hiring managers and recruiters and by researching industry news
- Increased employer awareness of available resources
- Shared strategies to help address unmet needs by providing customized trainings and solutions

Results

- Maintained a 100% client response rating of "satisfied" or "very satisfied" on survey reports

Site Coordinator, YMCA, Gloucester, MA

2014 – 2015

- Supervised staff group leaders and up to 18 children ages 5-10
- Planned and implemented daily on-site enrichment programming
- Created and implemented behavior management plans
- Developed and refined daily scheduling to achieve a consistent and smooth flow enabling accommodation of student, parent, program, and hosting school needs/requirements
- Strategically managed site budget, allocating funds to build and improve site resources while avoiding both underspending (forfeiting resources) and overspending

MOST-RECENT COMMUNITY INVOLVEMENT**Independent Workforce Consultant, Lynchburg, VA**

2018 – 2019

- Provided workforce services to local organizations, such as serving as a guest presenter for Central Virginia Community College's 2019 Lunch & Learn series and as a panelist for a Homeschool First seminar
- Built relationships with local professionals and expanded competencies by attending workforce events and training opportunities, such as Resource Access Network of Employers and Lynchburg Regional Business Alliance meetings
- Volunteered for a Virginia Department of Social Services Poverty Simulation event, serving as a mock "employer" while gaining a deeper understanding of the challenges experienced by those living at/near poverty in Lynchburg

Poverty to Progress Initiative Participant, Lynchburg, VA

2017 – 2018

- Gained greater understanding of community challenges by attending meetings related to mayor's initiative to understand and create strategies to address causes underlying Lynchburg's 24% poverty rate
- Pursued increased awareness of community resources, services, and opportunities by following focus group updates and reports

EDUCATION**B.A. in Psychology, Grove City College, Grove City, PA**



Town of Middleton

Memorial Hall
48 South Main Street
Middleton, Massachusetts
01949-2253
978-774-3589
www.middletonma.gov

TOWN OF MIDDLETON TALENT BANK APPLICATION

The Select Board maintains a Talent Bank of names of citizens of Middleton willing to serve on boards, commissions and committees. Names in this file are available for use by all Town Departments.

Names: Emily LeBlanc-Perrone Telephone: 781-718-0553

Address: 107 Flint Farm Rd Bus. Telephone: _____

Email Address: leblancperrone@gmail.com

Occupation: high school math teacher

Background Experience: Interested in becoming an active member of our community, ran for elementary school committee in 2023, currently on the Fuller Meadow School Council, Tee Ball Head Coach, Little League Assistant Coach

I am interested in serving on Town Boards and Committees involved in the following areas:
(Please check all that apply. The Board encourages you to attach a recent resume if available.)

<input type="checkbox"/> Board of Health	<input type="checkbox"/> Recreation Commission
<input type="checkbox"/> Council on Aging	<input type="checkbox"/> Historical Commission
<input type="checkbox"/> Finance Committee	<input checked="" type="checkbox"/> Planning Board
<input type="checkbox"/> Board of Appeals	<input type="checkbox"/> Industrial Commercial Development Review Committee
<input type="checkbox"/> Conservation Commission	<input type="checkbox"/> Zoning Bylaw Review Committee
<input type="checkbox"/> Cultural Council	<input checked="" type="checkbox"/> Other: <u>School Committee</u>
<input type="checkbox"/> Other: _____	<input checked="" type="checkbox"/> Other: <u>Library Trustee</u>

Amount of Time Available: typically 2-4 hours one night per week

Are you available year round for committee meetings? Yes No
If not, when are you available?

_____ Winter _____ Spring _____ Summer _____ Autumn

Are there any Boards or Committees in which you are particularly interested?

School Committee (elementary or Masco), Library Trustee

Emily LeBlanc
Signature

5/21/24

Date

Please submit all responses to the Town Administrator's Office via the mailing address above or via email at: jackie.bresnahan@middletonma.gov

EMILY R. LEBLANC-PERRONE

107 Flint Farm Road, Middleton, Massachusetts 01949
781-718-0553 | emilyrleblanc@gmail.com

TEACHING EXPERIENCE

Lynnfield High School, Lynnfield, MA

2015 – Present

- Courses Taught: Introduction to Statistics, CP Geometry, Honors Algebra II, CP Algebra 1, and MCAS Prep
- After school MCAS prep program, Student Support Team, Teach Point Superuser, Faculty Advisory Council, Class Advisor for Class of 2022 and 2027, Keys to Literacy Coach, LTA Building Representative, Professional Development Steering Committee
- Cooperating Teacher: student teacher from UMASS Boston March – May 2021, Merrimack College Fellow September 2016 – March 2017
- Co-taught Geometry with Special Education teacher since 2019 - 2022
- Co-taught Algebra 1 with Special Education teacher since 2023

Triton Regional High School, Byfield, MA

2010 – 2015

- Courses Taught: AP Statistics, CP Statistics, College Algebra and Trigonometry, Algebra II, Algebra I (CP I & CP II), Integrated Math II, Integrated Math I
- PRPIL Mentor, Data Coach, District Math Plan Committee, Triton Travel Club Advisor, Scheduling Committee, Graduation Requirement Committee, PLATO Credit Recovery Specialist
- Professional Developments Led on: Scoring DDMs, Analyzing MCAS Results for the High Needs Population, Analyzing Midterm Results, Flipped Classroom

Alonso High School, Tampa FL

2009

- Courses Taught: Honors Geometry, Geometry CP

CERTIFICATIONS

Massachusetts License Number 444166

- Mathematics, 8 – 12
- Mathematics, 5 – 8
- SEI endorsement (2019)

EDUCATION

Master of Education, University of Massachusetts, Lowell

2015

Curriculum and Instruction: Mathematics Education Concentration, GPA 3.889

Capstone: Quality Homework and its Effects

Bachelor of Science, University of Tampa

2009

Secondary Mathematics Education, GPA 3.73

- Dean's List

High School Diploma, Lynn English High School

2005

ADDITIONAL GRADUATE CREDITS

- Social Justice in the Math Classroom - 1 credit (Andrews University)
- Striving for Equity for Diverse Learners - 1 credit (Gordon College)
- Math Works: Teaching Math with the Brain in Mind - 3 credits (Andrews University)

- Strategies for Supporting Teenagers with ADHD - 3 credits (American College of Education)
- Desmos Strengthen Math 6-12 - 4 credits (Brandman University)
- Project-Based Learning in the Middle and High School Classroom - 3 credits (Loyola Marymount University)

ADDITIONAL RELEVANT TRAINING

- College Board's 11th Annual Institute for New AP Statistics Teachers
- College Board's AP Statistics for Experienced Teachers
- AP Statistics Exam Reader (June 2015)

ADDITIONAL RELEVANT WORK EXPERIENCE

MIT/Wellesley Upward Bound Program, Wellesley, MA

2010, 2011

- Summer program high school mathematics instructor for Algebra II and Pre-Calculus

Blue Owl Tutoring, Tampa, FL

2008 – 2009

- One on one tutoring in Algebra 1, Geometry, Algebra II, and Trigonometry

The University of Tampa Academic Center for Excellence, Tampa, FL

2007 – 2009

- One on one and small group tutoring in College Algebra and remedial math

71 Mill St
Middleton, MA 01949

June 14, 2024

Dear Select Board Members and Trustees:

I am writing to express my interest in being appointed to the Trustees of the Flint Public Library for the remainder of Erin Bennett's term.

As shared during my recent campaign for library trustee, I'm extremely passionate about access to books. I am also very supportive of our library and its staff. The Flint is not just at the geographic center of Middleton, I believe it's an essential part of our community. The building and its meeting spaces provide places for people to come together and engage with one another in a positive way. The library's programs engage, entertain, and inform residents of all ages.

Particular areas of interest for me, should I be appointed, include:

- Ensuring that the director has the necessary support to effectively manage the staff and to guide the library
- Identifying and executing on opportunities to increase funding for the library's programs as well as its capital needs
- Enhancing the Trustees' relationship with the Friends organization

Over the past 3 years I've served as a member of the Town Building Committee where I've worked with the other Committee members, the town administration, and other staff to guide the municipal complex project. In addition, I believe my 20+ years of professional experience identifying and solving problems, building relationships, and working to identify and achieve mutually beneficial outcomes will be an asset to the Trustees and to the Town of Middleton.

The Flint Public Library is an amazing resource and I wish to volunteer my time and energy to helping it continue to thrive for many years to come. Thank you for your consideration.

Respectfully,



Kyle M. Smith

Kyle Smith

Middleton, MA • +1 339-203-9383 • kylesm@gmail.com • linkedin.com/in/kylesm

Software engineer with 15+ years of experience designing and building scalable distributed systems and infrastructure with an eye on user-focused reliability. Built and led high-performing engineering teams distributed across the globe. Continually improved team and organizational efficiency through standardization, automation, and education.

WORK EXPERIENCE

PTC, Inc. • Boston, MA • 03/2024 – Present
Distinguished Software Engineer • Full-time

Google, LLC (Acquired Fitbit in 01/2021) • Cambridge, MA, USA • 03/2017 – 02/2024
Engineering Manager II • Full-time

- Led team in executing strategy and planning for successful transition from Fitbit to Google's incident management process and tools in one quarter, resulting in no disruption or missed incidents.
- Reduced toil and pager volume for SRE by 50% by pitching a new, more focused team with the skills to own and turn down the monolithic backend app, successfully transitioning the workload.
- Increased reliability by defining production readiness standards and building automated tools to continuously assess compliance.
- Ensured Fitbit's migration to Google Cloud Platform in 18 months was successful with minimal downtime. Collaborated on strategy, assessed risks, defined system health metrics.

Fitbit, Inc. • Boston, MA, USA • 01/2016 – 03/2017
Senior Site Reliability Engineer • Full-time

- Implemented daily, low-overhead JVM profiling across Fitbit's production fleet using Honest Profiler and Puppet to rapidly identify performance regressions.
- Reviewed and contributed code changes for Fitbit's monolithic Java app, particularly focused on Spring and Hibernate refactoring and reliability improvements.

Onshape, Inc. • Cambridge, MA, USA • 01/2014 – 01/2016
Principal Engineer • Full-time

- Enabled dynamic request routing and flexible service configuration by creating a Java-based service discovery and configuration protocol using ZooKeeper.
- Bootstrapped Onshape's App Store using Spring Boot and JHipster, enabling it to largely be built-out by developers with little to no backend/full-stack experience.
- Reduced the time and effort required to bring up Onshape's AWS cloud infrastructure by $\approx 10x$ using CloudFormation and Python.

VMware, Inc. • Cambridge, MA, USA • 10/2007 – 01/2014
vCloud Director • Full-time

- Enabled scalable data storage for the virtual machine monitoring feature by integrating and packaging Cassandra with the product.

- Researched and provided recommendations on adoption of new resource management technologies for vCD.

Staff Engineer • Full-time

- Designed and implemented orchestration software that enabled thousands of attendees to complete 13,000 hands-on labs at a major convention.
- Enabled the team to quickly replicate terabytes of VMs to data centers around the world via optimized lossless exports from vCloud Director 1.5.

Senior Member Of The Technical Staff • Full-time

- Led 6-person team based in Cambridge, MA and Sofia, Bulgaria to design and implement the installation and configuration aspects of the product.
- Developed early versions of the product's RESTful APIs and worked with partners to successfully integrate their offerings.

IBM Corp. • Poughkeepsie, NY, USA • 10/2005 - 09/2007

Software Engineer • Full-time

- Performed acceptance and system verification tests for enterprise Linux distributions and middleware on IBM mainframes.
- Created and delivered a week-long workshop on z/VM and Linux for IBM customers which later toured globally.

EDUCATION

Bachelor of Science (BS) in Computer Science
Clarkson University

PUBLICATIONS

Introduction to the New Mainframe: z/VM Basics • 11/2007
IBM Redbooks

Using z/VM for Test and Development Environments: A Roundup • 02/2007
IBM Redbooks

IBM z/VM and Linux on IBM System z: Virtualization Cookbook for Red Hat Enterprise Linux 4.
09/2006
IBM Redbooks



Town of Middleton

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TOWN OF MIDDLETON TALENT BANK APPLICATION

The Select Board maintains a Talent Bank of names of citizens of Middleton willing to serve on boards, commissions and committees. Names in this file are available for use by all Town Departments.

Names: Michelle Dearborn

Telephone: 978-466-6843

Address: PO Box 172, 35 Mill Street

Bus. Telephone: _____

Email Address: Chellbill@comcast.net

Occupation: Nurse

Background Experience: Nurse Manager; 40 yrs as a Nurse.

I am interested in serving on Town Boards and Committees involved in the following areas:

(Please check all that apply. The Board encourages you to attach a recent resume if available.)

Board of Health

Recreation Commission.

Council on Aging

Historical Commission

Finance Committee

Planning Board

Board of Appeals

Industrial Commercial Development Review Committee

Conservation Commission

Zoning Bylaw Review Committee

Cultural Council

Other: _____

Other: Library Trustee

Other: _____

Amount of Time Available: _____

Are you available year round for committee meetings? Yes No
If not, when are you available?

Winter Spring Summer Autumn

Are there any Boards or Committees in which you are particularly interested?

Library Trustee

Signature

Please submit all responses to the Town Administrator's Office via the mailing address above or via email at:
jackie.bresnahan@middletonma.gov

Date

Jackie Bresnahan

From: Kosta Prentakis <keprentakis@verizon.net>
Sent: Friday, June 21, 2024 3:19 PM
To: Justin Sultzbach; Jackie Bresnahan
Subject: Trustee position

[CAUTION:] This message was sent from outside of the Town of Middleton. Please do not click links or open attachments unless you recognize the source of this email and know the content is safe.
Good afternoon Select Board and Trustees

I wish to be considered for appointment to fill the open Trustee position. I look forward to discussing my interest at your joint meeting on July 9, 2004.

Kosta Prentakis



MIDDLETON MEMORIAL HALL



48 + 48R SOUTH MAIN ST. PROGRAMMING & PLANNING STUDY

June 28, 2024

Middleton, MA



STU
DIO
LUZ

ARCHITECTS

MIDDLETON MEMORIAL HALL

PROGRAMMING & PLANNING STUDY

TEAM

STUDIO LUZ ARCHITECTS

Hansy Better Barraza, Principal
Sarah Pumphrey, Project Manager

Elise Zilius, Designer

MASDEVELOPMENT

Claire O'Neill, Senior Vice President, Real Estate Planning

TOWN OF MIDDLETON

Justin Sulzbach, Town Administrator

Jackie Bresnahan, Assistant Town Administrator/HR Director

The following report summarizes the programming study for the existing Memorial Hall in Middleton, MA at 48 South Main Street, as well as the 48R parcel which is currently home to recreational amenities.

The goal of this study is to develop consensus of future use case(s) for 48 & 48R South Main Street and produce comprehensive documentation of programming scenarios to inform a subsequent RFP for the redevelopment of the property for the new proposed use.



STUDIO LUZ
ARCHITECTS

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MassDevelopment

STU
DIO
LUZ
RESEARCH

1. INTRODUCTION

INTRODUCTION

PROJECT OVERVIEW



Students at play in the yard (the present day parking lot at Memorial Hall) at the Centre School. [Image from *Images of America: Middleton*.]¹

The Town of Middleton and MassDevelopment have come together to create a new vision for Memorial Hall that will benefit the wider Middleton community for decades to come. Situated at 48 and 48R South Main Street, the building and its rear parcel are centrally located, holding a long history of service and great potential as community assets.

The new vision for 48 and 48R South Main street is based on community input and the programmatic needs of the town, defining dynamic future programming and potential design strategies. Studio Luz Architects was engaged for architectural assistance to help evaluate future programming for the property and the resultant architectural needs of the space.

The following report outlines these program recommendations and design schemes, serving as a toolkit for the Town of Middleton, aiding the town as it moves forward with reprogramming historic Memorial Hall.

1. Introduction

Project Overview

INTRODUCTION

SCOPE OVERVIEW

The scope of this study includes a vision for reprogramming 48 South Main, Memorial Hall, as well as the rear property at 48R South Main Street, for potential use as assets to the community, with architectural improvements and/or additions that can support the new programmatic requirements set forth by community input.

This programming study provides an in-depth community engagement process to determine consensus for reprogramming the soon to be vacant site. The results of the community engagement informed conceptual design schemes, incorporating the recommended programming summarized in this report.

The goal of the following study is to provide a comprehensive look at future programming scenarios for the two parcels, serving as a guide for the Town of Middleton as it pursues next steps toward the future of Memorial Hall.

Site Analysis

To kick off this study, Studio Luz conducted a site analysis in order to best grasp the environment of Memorial Hall and the Town of Middleton. This analysis included documenting existing conditions of the site and surrounding area via maps and plan drawings, conducting research about existing programming and zoning in the area, and considering future developments in the immediate area that will impact programming at 48 + 48R South Main.

Community Engagement Process:

Gathering community input through a series of workshops and an online survey, Studio Luz was able to determine the programmatic needs of the surrounding community to inform future-use scenarios for the two parcels and existing Memorial Hall structure.

Creating a flexible community engagement process across multiple platforms allowed for consensus of programming from multiple user groups.

All data recorded from the workshops can be found in Appendix I: Community Engagement

Programming Scenarios:

Based on initial site analysis and community feedback, Studio Luz provided the town with conceptual design schemes that incorporated the preferred programming by the community and the Select Board.

Each programming scenario aims to maximize existing conditions to preserve the character of Memorial Hall, in keeping with the values of the Town of Middleton. Existing programs in the area, alongside site conditions on the two parcels informed the site strategies. Anticipation for future developments such as the Middleton Municipal Complex and Villebridge housing and retail development have also been taken into consideration.

The conceptual design schemes presented here offer options for layouts and the corresponding upgrades required to reposition Memorial Hall and affiliated property as 21st century assets that will continue to benefit the Town of Middleton. Such 21st century assets include diverse housing options, preservation of passive recreation and green space, and septic upgrades to support denser programming. Anticipation of future development of the property, including the potential for a major road cut-through as requested by the community, has been taken into consideration in each scheme.

1. Introduction

Scope Overview

1. Introduction

Context Overview

INTRODUCTION

CONTEXT OVERVIEW



TOWN OF MIDDLETON

NORTH ANDOVER

TOPSFIELD

DANVERS

NORTH READING

Site Context

48 & 48R South Main Street

Situated in the center of town, Memorial Hall has been an architectural and municipal cornerstone of the Town of Middleton since 1860³. Its adjacent parcel is a valuable recreational asset to the community and serves a wide range of community groups. Due to their historical and present-day significance to the community, this reprogramming study aims to maintain and enhance the community-centered nature of these assets for the Middleton Community.

Since its opening as the Centre School in 1860, Memorial Hall has been the site of various municipal activities, currently housing the Town Offices⁴. The Town Offices are moving, leaving the structure open to new use. The site features parking for 48 & 48R, as well as the entrance to Trager walking trail. 48R is a community recreational space with a playground, walking trails, youth sports field, and a community gazebo. The rear of the parcel features a protected wetland.

Town of Middleton boundary diagram by Studio Luz with aerial imagery from Google Earth.²

2. EXISTING CONDITIONS

2. Existing Conditions

Parcels

EXISTING CONDITIONS

PARCEL MAP



48R SOUTH MAIN ST



MEMORIAL HALL 48 SOUTH MAIN ST

Aerial Image of Middleton from Google Earth with diagrams by Studio Luz.
Memorial Hall Image by Town of Middleton. Site photo of 48R South Main Street by Studio Luz.

EXISTING CONDITIONS

48 SOUTH MAIN STREET



Memorial Hall. Image courtesy of the Town of Middleton.⁵

48 SOUTH MAIN STREET

- 6280 SF (finished area)
- Memorial Hall Town Offices
- Previously Town Hall
- Historic Façade Restrictions
- Previously Centre School (B. 1837)
- 2.5 Story Timber Frame Building
- Rear Parking Lot
- Unfinished, Raised Basement
(Additional 3140 SF)



48 South Main St. Site diagram by Studio Luz.

2. Existing Conditions

EXISTING CONDITIONS

48R SOUTH MAIN STREET



48R SOUTH MAIN STREET

~ 6.2 ACRES

- Used predominantly for recreation
- Sports fields, walking trail, and gazebo on site



48R South Main St. site diagram and photo by Studio Lutz.

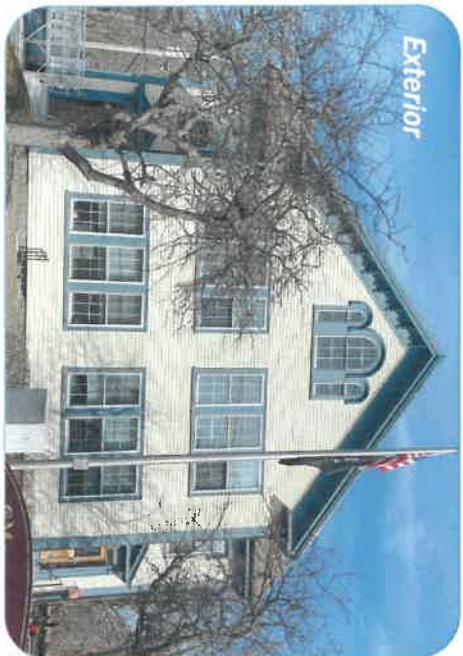


STUDIO
LUZ
ARCHITECTS

2. Existing Conditions

EXISTING CONDITIONS

48 SOUTH MAIN ST.



48 SOUTH MAIN STREET OBSERVATIONS

48 South Main Street, or Memorial Hall, consists of offices on the first floor, with two entry foyers and one restroom. The first floor is made accessible by a temporary ramp at the entryway, which is one of two means of egress on the main level. On the second floor, an 800 square foot gallery and 650 square accompany additional offices and a small kitchen. The unfinished basement at Memorial Hall is currently used for storage and IT infrastructure. Memorial Hall requires upgrades accessibility and systems upgrades throughout.

Conference Room (207)



Kitchen (210)



Office (104)



Gallery (204)



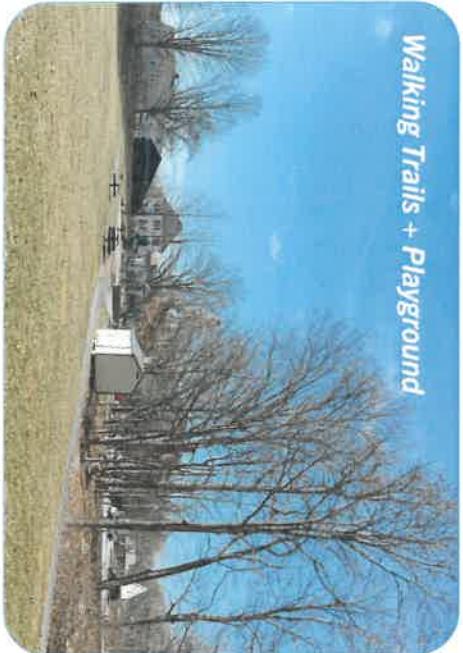
Memorial Hall photos by Studio Luz.

2. Existing Conditions

EXISTING CONDITIONS

48R SOUTH MAIN ST.

Walking Trails + Playground



Recreational Field



Walking Trail



48R SOUTH MAIN STREET OBSERVATIONS

East of Memorial Hall is 48R South Main Street, which is approximately 6.2 acres of land predominantly used by the town for recreation such as youth sports and community activities at Memorial Hall Field. Additional uses of the space include walking trails, a playground, and a gazebo used for community gatherings. The parcel is accessed through the parking lot in the rear of Memorial Hall, or by way of Mt. Vernon Street. At the rear of the site is a steep grade with protected wetlands and a stream. Abutting single-family residences surround the property.

Gazebo



Abutting Residence



48R South Main St. photos by Studio LUZ.

SITE CONSTRAINTS

48 + 48R SOUTH MAIN ST.

SITE PLAN

GROSS AREA: 6.2 ACRES

Ⓐ GRADE CHANGE:

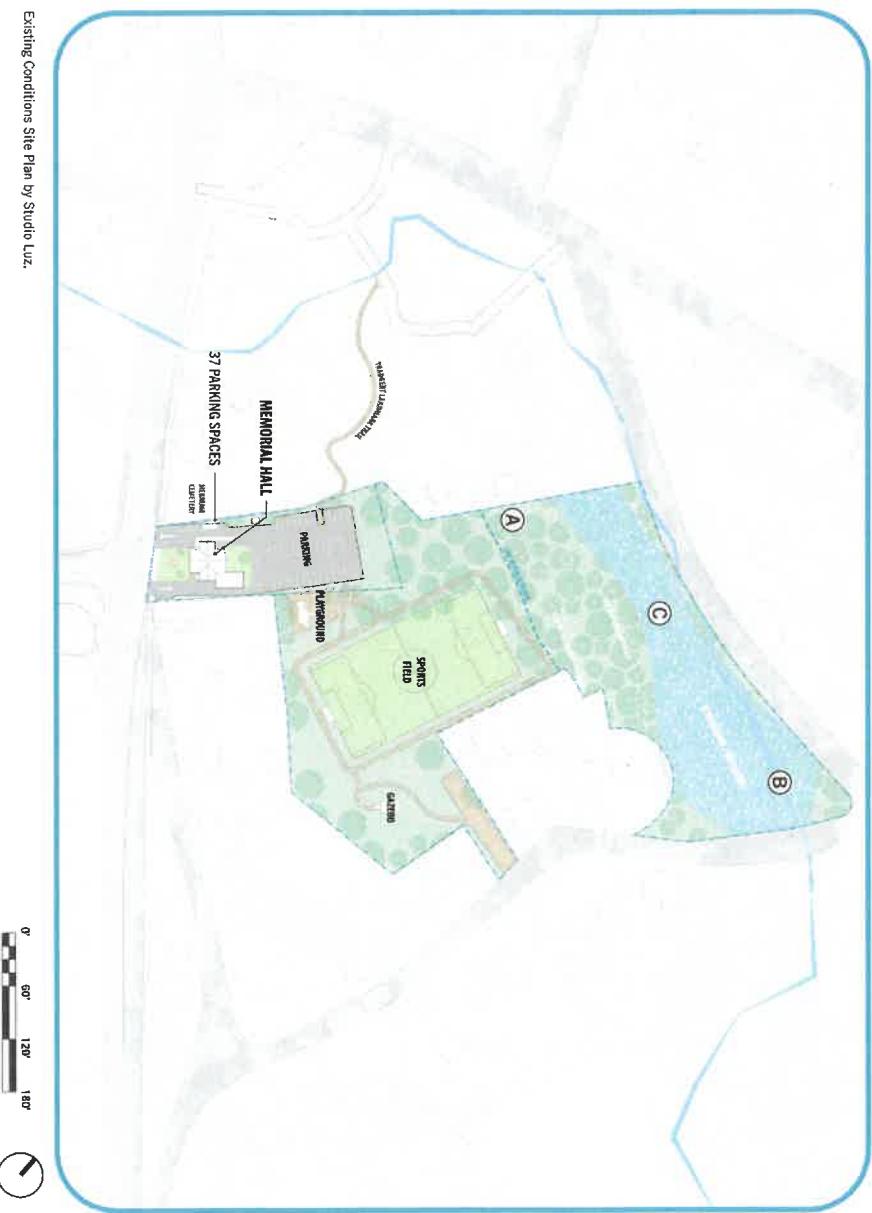
- Steep grade changes at the rear of the site make parts of the site less easily developable. This makes the developable area of the site smaller than it appears.

Ⓑ MIDDLETON BROOK:

- In addition to the grade change at the site, Middleton Brook passes through 48R, connecting to Middleton Pond. In compliance with the Rivers Protection Act⁶, there is a 200' Riverfront setback, meaning that within 200' of the water, development is not allowed. This protection helps keep the water clean, preserves wildlife habitat, and aids flood control.

Ⓒ FLOODZONE/WETLAND:

- At the rear of the site, there is a protected wetland. Portions of this parcel are within the AE Floodzone, meaning that there is a 1% annual chance of flooding and a 26% chance of flooding over the next 30 years⁷, and must comply with all AE Floodzone restrictions.



EXISTING CONDITIONS

48 SOUTH MAIN ST.

GROUND FLOOR PLAN

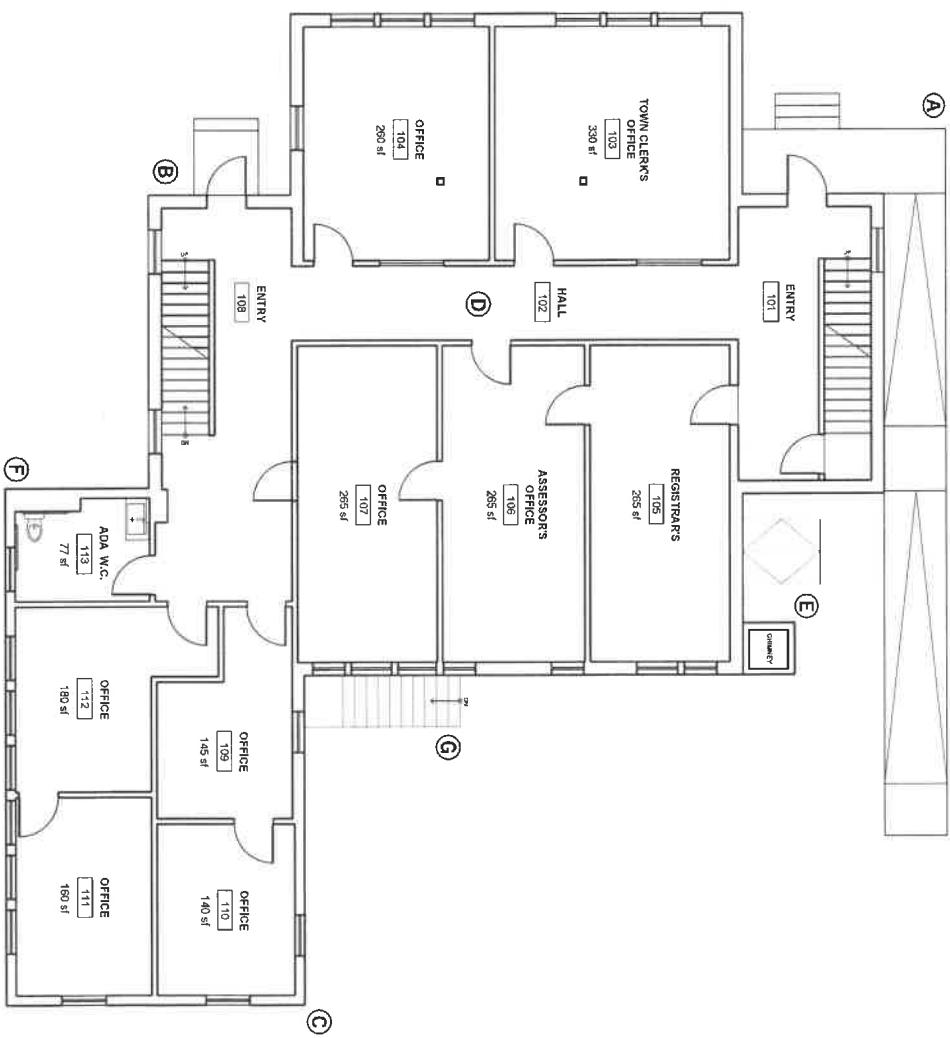
GROSS SQUARE FOOTAGE (GROUND FLOOR): 3,140 SF

Memorial Hall's main, accessible, entrance (A) leads to an entry/foyer and stair leading to the second floor.

Several offices branch off of the building's main hallway (D), which leads to the secondary entry/exit foyer (B) which has stairs leading to the second floor and basement. The building's more recent addition (C), features additional offices and the building's only ADA accessible restroom (F).

Some exterior features of note are the currently unused chimney (E) and exterior entry to the basement (G).

SOUTH MAIN STREET



EXISTING CONDITIONS

48 SOUTH MAIN ST.

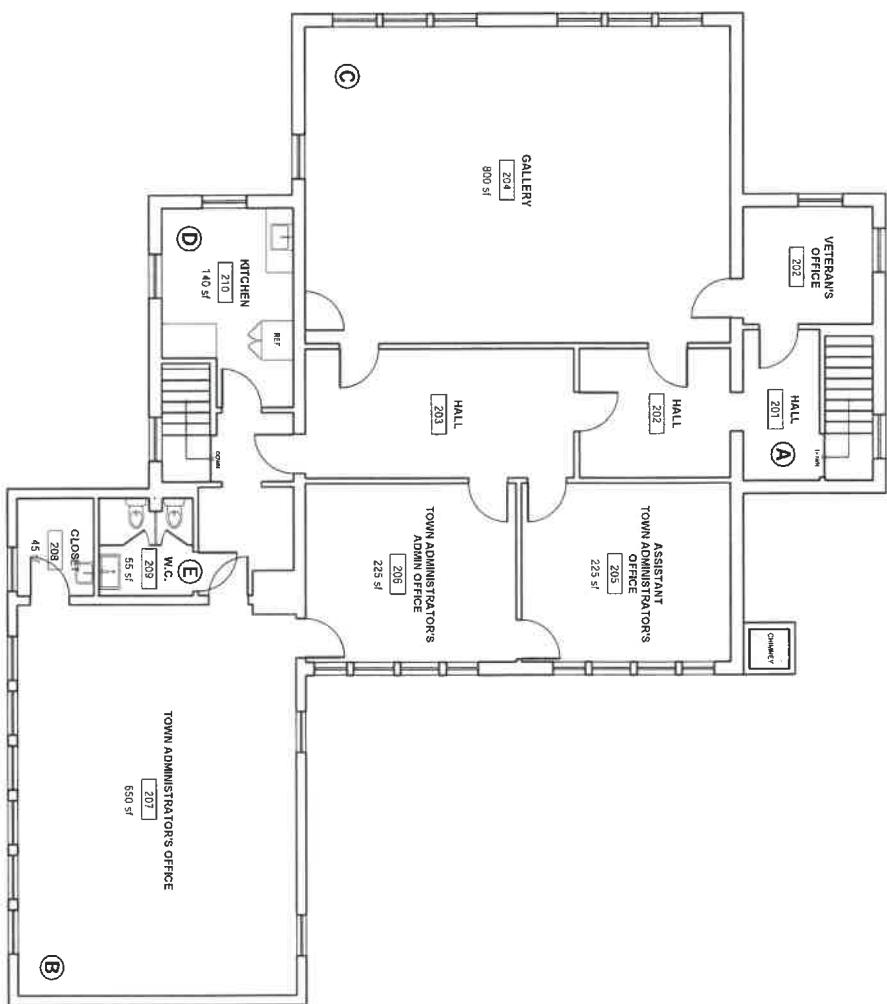
2. Existing Conditions

SECOND FLOOR PLAN

GROSS SQUARE FOOTAGE (SECOND FLOOR): 3,140 SF

Memorial Hall's second floor opens to a small vestibule (A), that contains access to the unfinished attic. There are three small offices, a large conference room (F) that is currently being used as the Town Administrator's office, a large gallery (D) that is predominantly used for storage, and a small kitchenette (D). The existing restroom (E) is not accessible due to the lack of ADA accessibility to the second floor. This lack of ADA accessibility means that the building, without any accessibility upgrades, cannot support any public programming.

SOUTH MAIN STREET



Plan by Studio Luz using existing plans provided by the Town of Middleton, MA Assessor's Office. 8



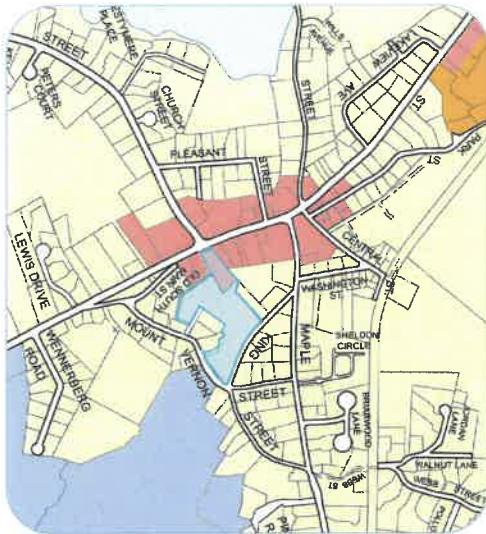
3. SITE ANALYSIS

3. Site Analysis

SITE ANALYSIS

INFORMED PROGRAMMING

Studio Luz considered the zoning, existing programming, and nearby incoming developments in the area surrounding the two parcels in order to recommend programming. These considerations ensure that the programming visions fit within the existing fabric of the neighborhood, in alignment with the desires of the community, without creating redundant programming that conflicts with existing or future developments in the area



ZONING

Middleton's Zoning code must be considered in this analysis in order to understand allowable uses for chosen future programming of 48 and 48R South Main Street.



EXISTING PROGRAM USE

Analyzing existing programs in the area of our site is important so that programming fits within the social and economic fabric of what exists currently.



NEARBY DEVELOPMENTS

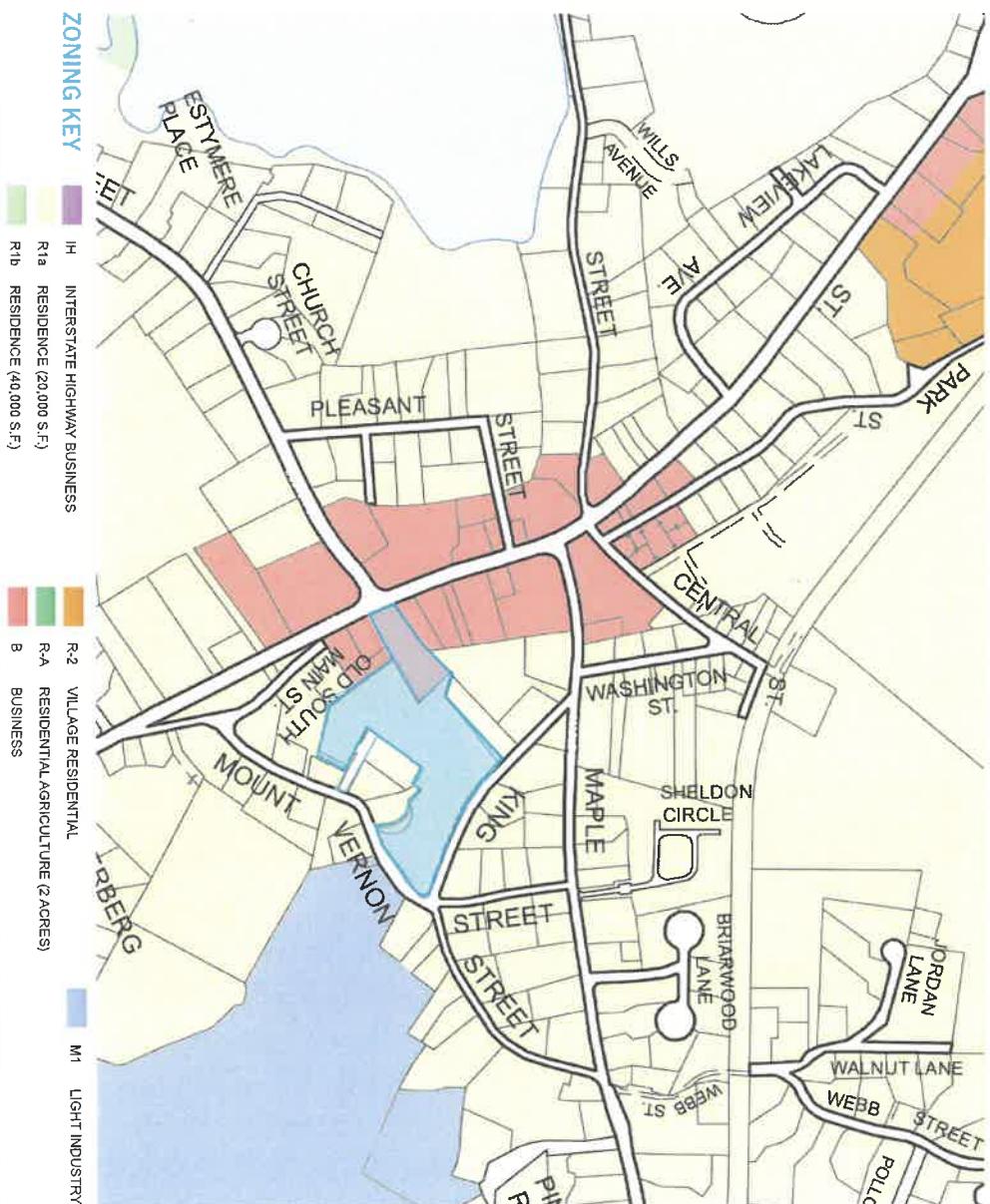
New developments in the area are considered to ensure that the visioning for the future use of the site fits within the overall visioning for the Town of Middleton.

Zoning map produced by CNA Technologies for the Town of Middleton⁹
Existing Program Use and Nearby Developments maps by Studio Luz.

3. Site Analysis

SITE ANALYSIS

ZONING MAP



Memorial Hall is situated in a central business district within Middleton, MA. The parcels that make up this site are split into two separate zoning subdistricts, which may restrict use. The parcel(48 South Main St.) is zoned as Business (B), whereas its rear parcel (48R), is zoned as Residential (R1a). The below use examples show possible allowed programming on each site under the current zoning code.

USE EXAMPLES

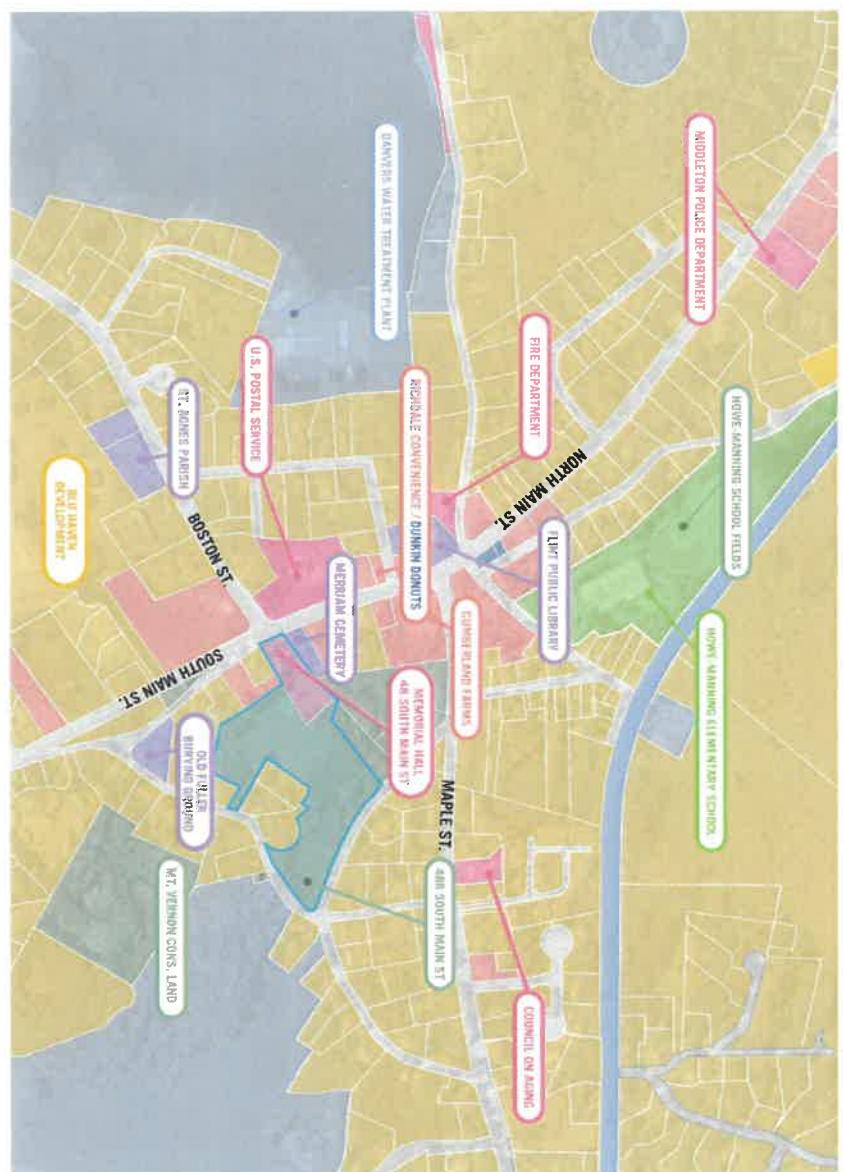
R1A SUBDISTRICT	B SUBDISTRICT
<ul style="list-style-type: none"> • Single-family detached dwelling (Y) • Two-family dwelling (P/Permit) • Conversion of single-family to two-family dwelling (Permit) • Multifamily dwelling (W) • Retail (N) • Trade shop (N) • Restaurant (N) • Business office (N) • Hotel (N) • Industrial (N) 	<ul style="list-style-type: none"> • Single-family detached dwelling (N) • Two-family dwelling (N) • Conversion of single-family to two-family dwelling (N) • Multifamily dwelling (W) • Retail (Y) • Trade shop (Y) • Restaurant (Y) • Business office (Y) • Hotel (Y) • Industrial (Y)

Zoning map produced by CAI Technologies for the Town of Middleton

3. Site Analysis

SITE ANALYSIS

EXISTING PROGRAM USE



EXISTING PROGRAM MAP

While Middleton's South Main Street is predominantly zoned for Business (B) and Residential (R1a), our analysis showed a mixture of program uses surrounding Memorial Hall. In addition to residential and commercial uses, this area includes food & beverage, community programming, multiple municipal uses, recreation, education, and industrial uses. For example, 48 South Main abuts the historic Merriam Cemetery to the north, and a private single family residence to the south, while 48R abuts single-family residences on several sides. These adjacencies inform possible site programming for this study. Surrounding uses were considered in all programmatic recommendations to remain relevant to the existing programmatic makeup of South Main Street.

- Residential
- Municipal Use
- Retail
- Education
- Recreation
- Community
- Food & Beverage

Existing Program Use map by Studio Luz.

SITE ANALYSIS

NEARBY DEVELOPMENTS

New housing developments and retail are being introduced to the area around Memorial Hall, while many of the town's municipal programming is moving to one consolidated location south of this site.



MIDDLETON MUNICIPAL COMPLEX

- Town Common
- Public Safety Building
- Town Hall
- Council on Aging
- Community Center

Middleton's new Municipal Complex is an important factor in reprogramming Memorial Hall. The new complex will include the functions that Memorial Hall currently houses, as well as the Council on Aging, Police and Fire Station, and a Town Common for passive recreation, and a brand new Community Center for collective activities such as events that were held in Angelica's Restaurant prior to its closing, or in the Flint Public Library.



VILLEBRIDGE HOUSING DEVELOPMENT

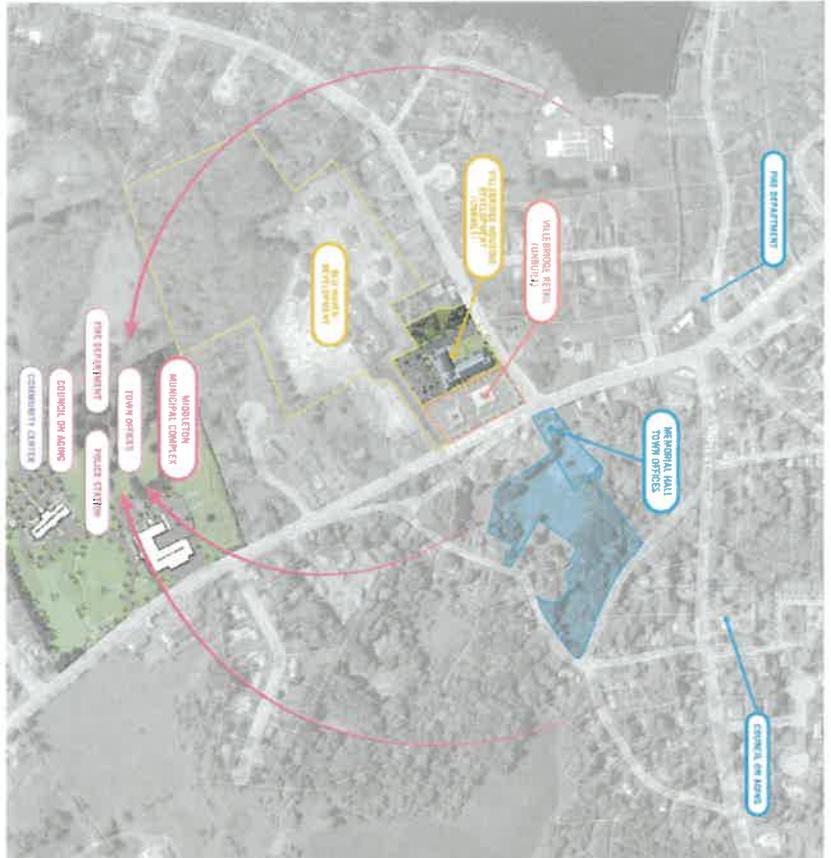
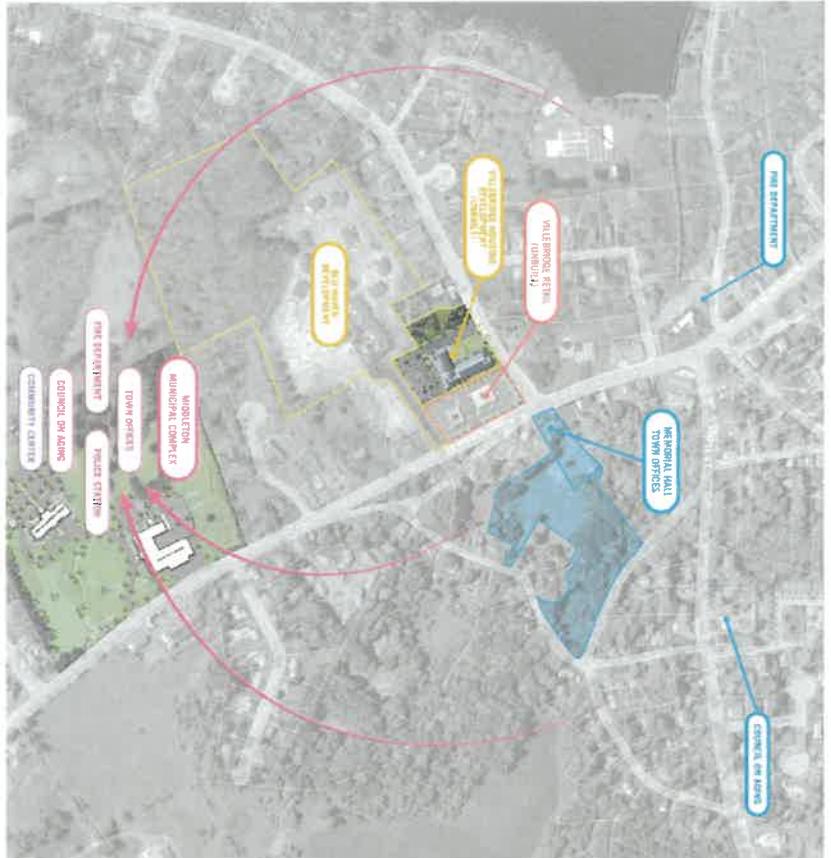
So far unbuilt, the Villebridge Housing Development promises to bring higher density housing to South Main Street. The proposed 40B development will include affordable rental units. With around sixty residential units total, and 13,000 square feet of new commercial space, this development will bring foot and car traffic to the intersection at Memorial Hall.



BLU HAVEN DEVELOPMENT

* 45 (mitto)

Middleton's recent BluHaven Development is a neighborhood of 45 luxury townhomes for adults 55 and over, that was completed in 2023.



3. Site Analysis

4. COMMUNITY ENGAGEMENT

COMMUNITY ENGAGEMENT

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

Community Engagement

Community engagement allows the creation of spaces which foster a sense of ownership, amplifying a collective sense of belonging and place. In order to achieve goals of equity, diversity, justice, and inclusion, the community engagement process and the resulting architectural spaces must both nurture a sense of community amongst all.

The project team underwent an in-depth community engagement process to gain a better understand of the needs of the community and help develop a shared vision for the future use of 48 and 48R South Main Street. The project team gathered feedback from community members through three different forms of engagement (an asynchronous survey, a virtual workshop, and an in-person workshop) to ensure that the community engagement process captured as many audiences as possible. The results gathered throughout this process are summarized here in this report.

See Appendix I: Community Engagement for full results

*Disclaimer: The online survey did not limit the number of allowed responses and therefore community members may have voted more than once. Please note that this exercise was conducted without the presentation of financials, and results do not reflect financial feasibility.

Community Engagement Participants

114 Middleton Residents engaged in the Community Engagement process across three mediums: Online Survey, In-Person Workshop, and Virtual Workshop.



04/01 VIRTUAL WORKSHOP: Project Presentation and Group Discussion Questions

04/08 IN-PERSON WORKSHOP: Project Presentation, Group Discussion Questions, and "Be the Architect Activity"
1 MONTH ONLINE SURVEY: Discussion Questions and Open Answer Comments

Community engagement graph by Studio Luz.

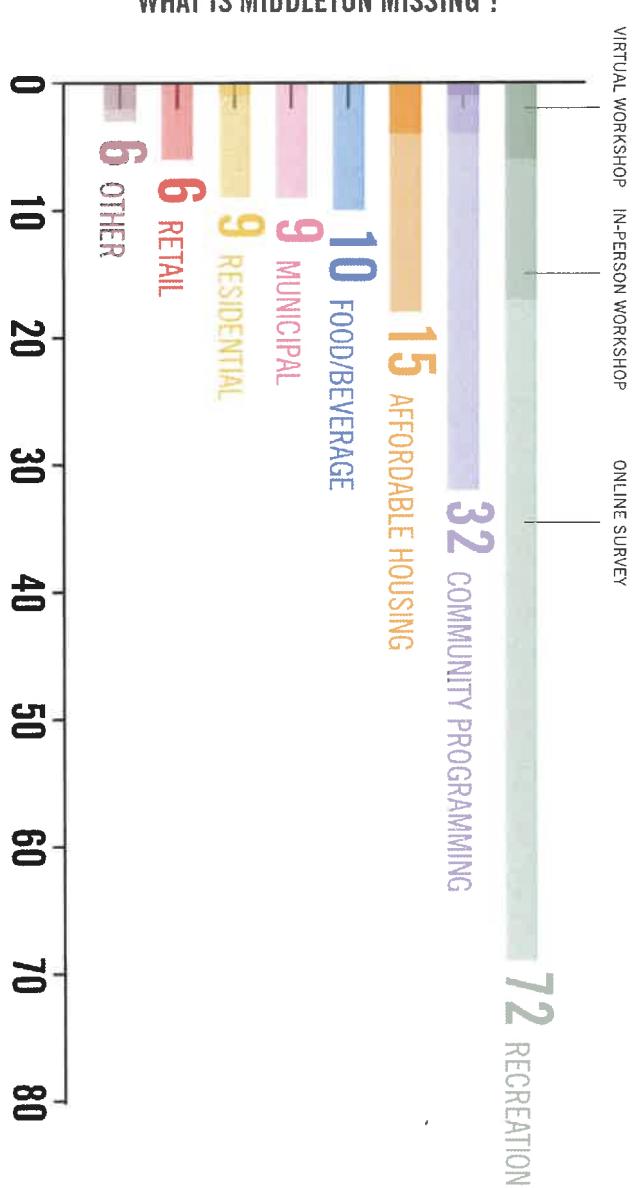
4. COMMUNITY ENGAGEMENT

COMMUNITY ENGAGEMENT

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

What is Middleton Missing?

Community engagement results across the three different modes of engagement led to consensus of the top programming missing in Middleton. With the majority of participants listing **Recreation, Community Programming, Affordable Housing, and Food + Beverage** as the top four responses.



See Appendix I: Community Engagement for full results

*Disclaimer: The online survey did not limit the number of allowed responses and therefore community members may have voted more than once. However, consensus from in-person and virtual workshops reflected similar results.

Community engagement graph by Studio Luz.

4. COMMUNITY ENGAGEMENT

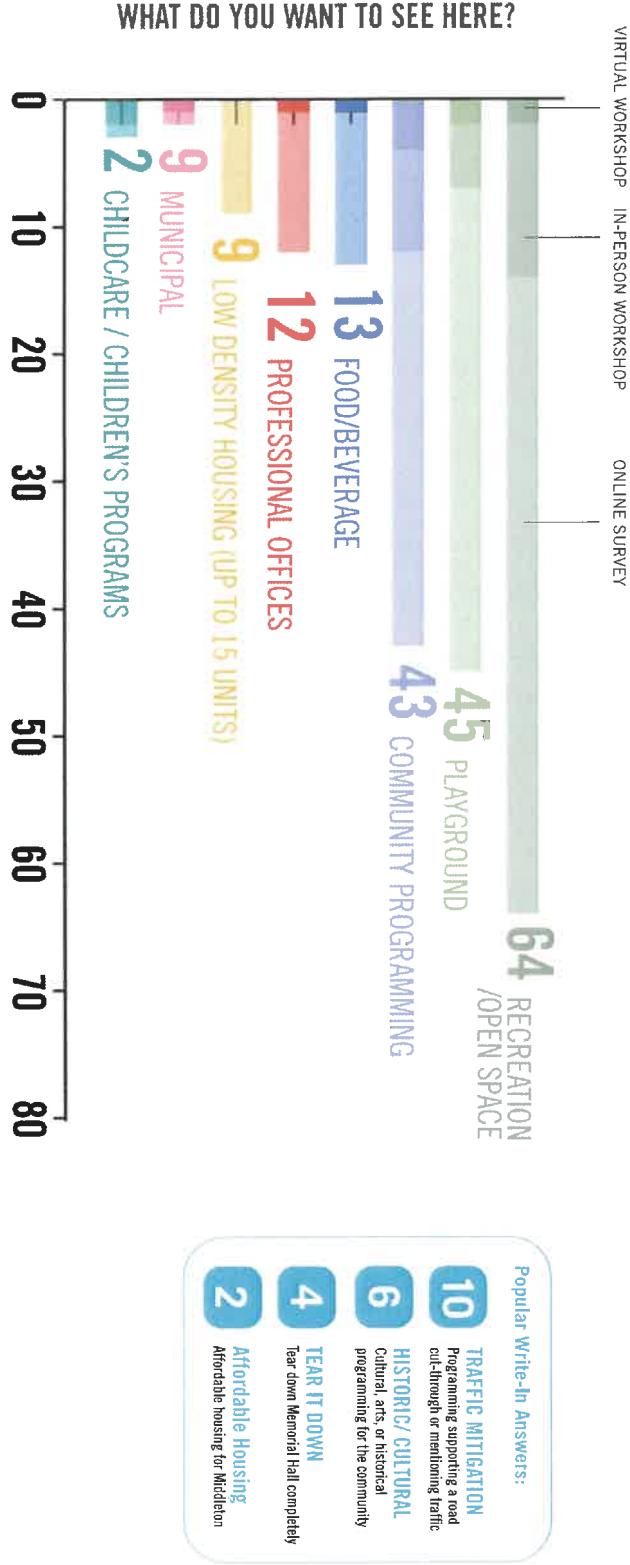
COMMUNITY ENGAGEMENT

"WHAT DO YOU WANT TO SEE HERE?" COMMUNITY RESULTS

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

What do you want to see here?

Community engagement results across the three different modes of engagement led to consensus of the top requests for programming on the Memorial Hall (48 South Main St.) site and its rear parcel (48R South Main St.). With the majority of participants listing **Recreation, Playground, and Community Programming** as the top three responses. Some respondents wrote-in additional answers in the category of "other", listed as "write-in answers" below.



See Appendix I: Community Engagement for full results

*Disclaimer: The online survey did not limit the number of allowed responses and therefore community members may have voted more than once. However, consensus from in-person and virtual workshops reflected similar results.

4. COMMUNITY ENGAGEMENT

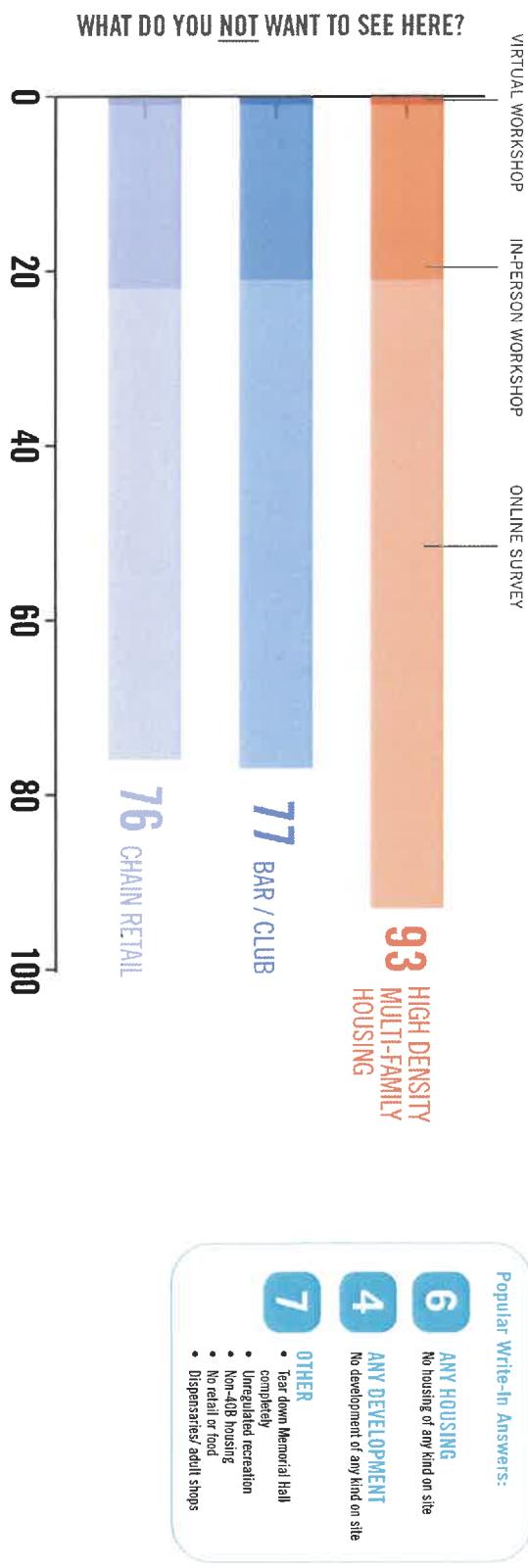
COMMUNITY ENGAGEMENT

"WHAT DO YOU NOT WANT TO SEE HERE?" COMMUNITY RESULTS

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

What do you not want to see here?

This question was asked to participants to see what they would never want at 48 and 48R South Main Street, to better understand what to avoid when programming. There was a consensus that none of the provided choices would be welcomed, however "High Density Multi-Family Housing" got the most votes. Some respondents wrote-in additional answers in the category of "other", listed as "write-in answers" below.



See Appendix I: Community Engagement for full results

*Disclaimer: The online survey did not limit the number of allowed responses and therefore community members may have voted more than once. However, consensus from in-person and virtual workshops reflected similar results.

4. COMMUNITY ENGAGEMENT

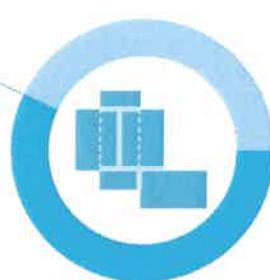
COMMUNITY ENGAGEMENT

"WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE?" COMMUNITY RESULTS
VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

What site approach would you like to see here?

The findings of this study indicate that the community would prefer the existing structure to be preserved at 48 South Main Street, with minimal visible renovation to bring the building into its new programming. More than half of community engagement participants voted for this approach. However, the required systems and accessibility upgrades at this site may be cost prohibitive. The required upgrades associated with minimal reuse should be taken into consideration when determining the best site approach. All approaches assume preservation or reconstruction of the existing facade.

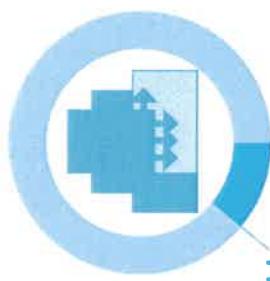
114 Middleton community members engaged in our Community Engagement Visioning process across two workshops and an asynchronous online survey. Please note that this exercise was conducted without the presentation of financial data, and results do not reflect financial feasibility.



57%

A. MINIMAL RE-USE

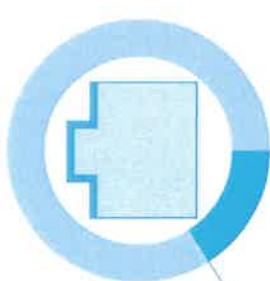
Minimal renovation to support new programming and re-use of the space.



11%

B. EXPANSION

Increased building footprint to provide more square footage for new programming.



16%

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)



11%

D. DEMOLITION

See 'Minimal Re-use' for the option to demolish the existing building entirely to make way for new programming.

5. Programming + Planning

SITE APPROACH

SITE APPROACH RECOMMENDATIONS

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

An analysis of the site, existing and planned programming, and programming results from the community engagement process, in conjunction with feedback from the Select Board and the Town of Middleton helped determine the following set of site approach recommendations.

48 + 48R South Main Street

MINIMAL RE-USE → MINIMAL RE-USE / RECONSTRUCTION

1

#1 Response from the Community. However, Minimal Re-Use may be cost prohibitive and only support minimal programming due to the condition of the building. Reconstructing the building may serve as an alternate solution.

CREATIVE ADAPTATION

#2 Response from the Community + Supported by Select Board. May give the ability for future road relocation through the site, as requested by community members.

The site approach for the two parcels was determined in conjunction with one another, assuming a continued connection, but was considered first around the approach for the existing Memorial Hall building. Each recommended site approach assumes the preservation or reconstruction of the Memorial Hall facade, in keeping with Middleton community values. These site approach scenarios were designed to support more programming than Memorial Hall currently allows due to the condition and size of the building. Some site approaches assume that Memorial Hall will be moved, on site, to allow for better traffic flow and additional site programming. Though the "Minimal Re-Use" option was most popular with the community, it may be cost prohibitive and can only support minimal programming due to the condition of the building.

114 Middleton community members engaged in our Community Engagement Visioning process across two workshops and an asynchronous online survey. Please note that this exercise was conducted without the presentation of financial data, and results do not reflect financial feasibility.

5. PROGRAMMING + PLANNING

5. Programming + Planning

PROGRAMMING

PROGRAM RECOMMENDATIONS

An analysis of the site, existing and planned programming, and programming results from the community engagement process, in conjunction with feedback from the Select Board and the Town of Middleton helped determine the following set of programming recommendations.

48 + 48R South Main Street

RECREATION

#1 Response from Community + Supported by SelectBoard

PLAYGROUND

#2 Response from Community + Supported by SelectBoard

COMMUNITY PROGRAMMING → NEIGHBORHOOD PROGRAMMING

3

#3 Response from Community

4

AFFORDABLE HOUSING

Requested by SelectBoard + Support from Town

The recommended programming aims to preserve and complement some existing programming on the site (such as the recreational field, gazebo, and playground), as requested by the community. Preserving the character of Memorial Hall is important to the Town of Middleton, as well as preservation of elements of Henry Tragert Town Common, including the soccer field, playground, and gazebo. Recreational space is limited in the town and used heavily, therefore informing the necessity to preserve what exists at 48R South Main Street. Additionally, planned developments were considered, such as the new Community Center planned for the Middleton Municipal Complex. Though this programming was highly requested by the residents of Middleton, a new one is already planned to be built, and therefore is not included in the recommended programming. Community Programming has been listed as Neighborhood Programming to indicate non-community center communal programming for residents and/or those using the recreational fields.

5. Programming + Planning

PROGRAM BREAKDOWN

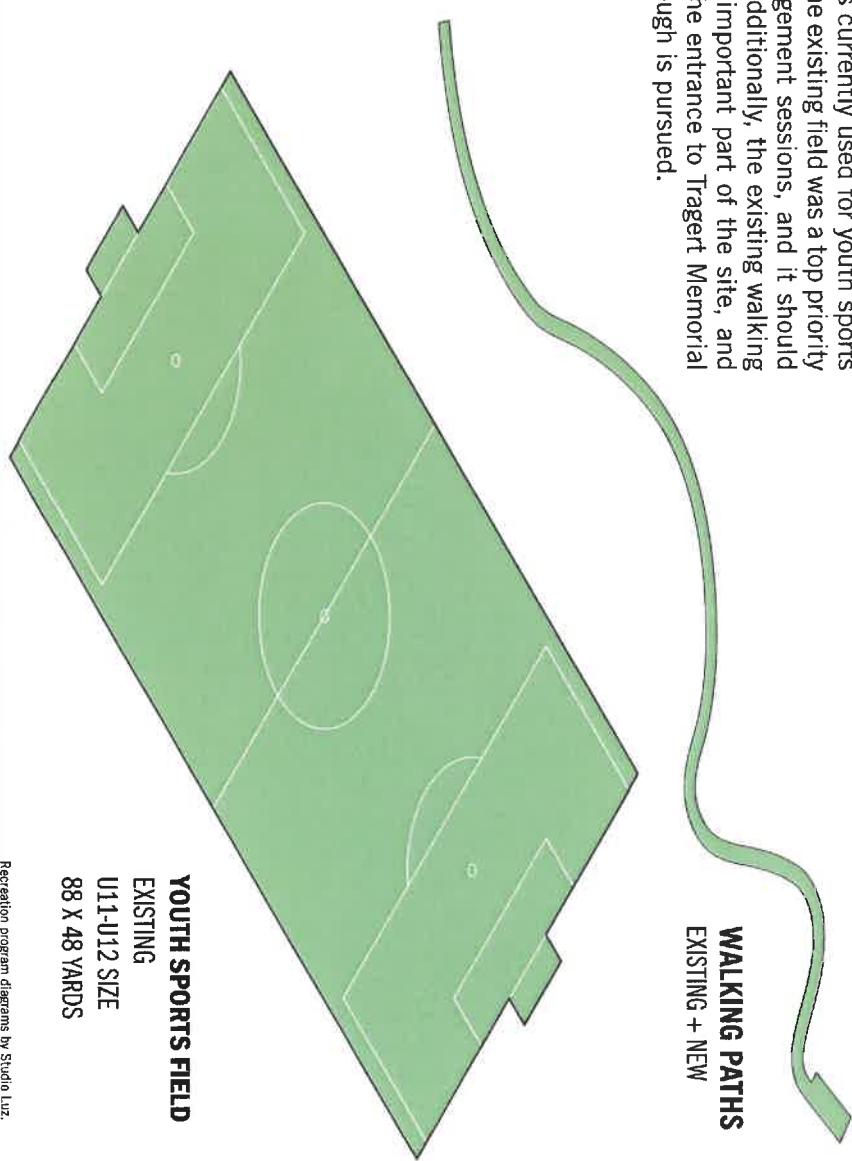
RECREATIONAL + COMMUNITY TYPOLOGIES

1 RECREATION

The existing field at 48R South Main Street is currently used for youth sports as well as passive recreation. Preservation of the existing field was a top priority for Middleton Residents in Community Engagement sessions, and it should be preserved in any programming scenario. Additionally, the existing walking trails and passive recreational space are an important part of the site, and should remain. On site at 48 South Main is the entrance to Trager Memorial Trail, which will remain unless a road cut-through is pursued.



Trail around field (TOP) photo by SLA. Field aerial (BOTTOM) from Google Earth.



Recreation program diagrams by Studio Luz.

5. Programming + Planning

PROGRAM BREAKDOWN

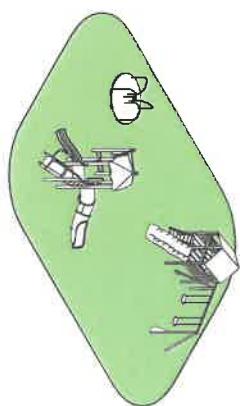
RECREATIONAL + COMMUNITY TYPOLOGIES

2 PLAYGROUND

Playground space was the second most voted program by the community when asked what they would like to see at 48 and 48R South Main St. The existing playground has been noted as an asset to the community, and one of the lone playgrounds in the area. It is particularly popular during sporting events on the adjacent field. With this feedback, it is recommended that the playground be preserved or improved/augmented.



Existing playground (TOP) photo by S.L.A. Field aerial (BOTTOM) from Google Earth.



PLAYGROUND
EXISTING (OR SIMILAR)
75 X 55 FT

Playground program diagrams by Studio Luz.

5. Programming + Planning

PROGRAM BREAKDOWN

NEIGHBORHOOD PROGRAMMING TYPOLOGIES

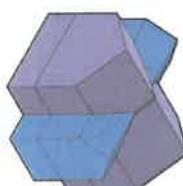
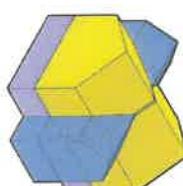
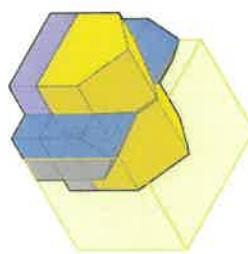
3 NEIGHBORHOOD PROGRAMMING

MEMORIAL HALL NEIGHBORHOOD TYPOLOGIES MEMORIAL HALL RECONSTRUCTION

During the Community Engagement process, the third most voted-for program by community members was "Community Program". Due to the incoming Community Center at the new Middleton

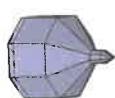
Municipal Complex, we recommend communal "Neighborhood Programming" that will benefit the residents of new housing development, as well as those using the recreational space at 48 and 48R South Main Street.

Some examples of this "Neighborhood Programming" may include: a field house and locker rooms in service of the sports field, a neighborhood art center, a neighborhood collaborative working space, a town resource center, or collective residential programming for an attached residential development.



MEMORIAL HALL
2 LEVELS OF NEIGHBORHOOD OR
REC. AREA PROGRAMMING
~3,245 SF
WITH ACCESSIBILITY +
SYSTEMS UPGRADES

MEMORIAL HALL
UP TO 4 UNITS ON LEVEL 2
GROUND FLOOR NEIGHBORHOOD SPACE
~1,625 SF
WITH ACCESSIBILITY +
SYSTEMS UPGRADES



HENRY TRAGERT GAZEBO
EXISTING

In addition to the Neighborhood Programming offered at the current Memorial Hall, the Henry Tragert Gazebo will be preserved for communal programming.

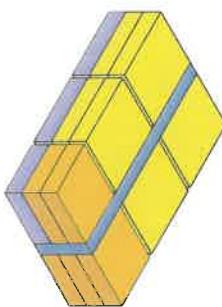
5. Programming + Planning

PROGRAM BREAKDOWN

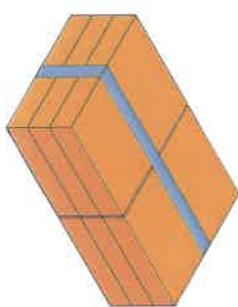
HOUSING TYPOLOGIES

4 AFFORDABLE HOUSING

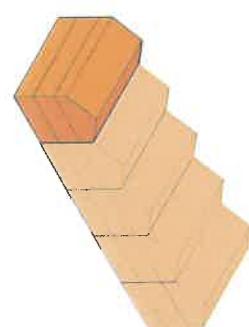
Affordable housing is a need for the Town of Middleton. The Select Board showed particular interest in this programming, which gained community support. The following typologies are ways in which these affordable housing units could take different forms and densities on this site, in line with the community's wishes for lower density dwellings.



MIXED-USE APARTMENT BLOCK
UP TO 18 UNITS
(6) ONE-BEDROOM UNITS
(12) TWO-BEDROOM UNITS



MULTI-FAMILY CONDO BLOCK
UP TO 12 UNITS
(12) THREE-BEDROOM UNITS



3 BEDROOM TOWNHOUSES
2+ THREE-STORY UNITS
THREE-BEDROOMS

This medium-density housing option includes up to 15 units, comprised of a mix of one and two bedroom apartments with ground floor resident communal space.

This low-density, yet modular, housing option is comprised of 3 bedroom townhouses, each at three stories tall. Each three bedroom unit would be approximately 1000 square feet with its own entry, offering a character and density closer to the surrounding neighborhood.

1 BEDROOM

2 BEDROOM

3 BEDROOM

CIRCULATION

NEIGHBORHOOD/ RESIDENT

PROGRAMMING

Housing typologies diagrams by Studio Luz.

PROGRAMMING SCENARIOS

48 + 48R SOUTH MAIN STREET

RECOMMENDED PROGRAMMING:

- 1** RECREATION
- 2** PLAYGROUND
- 3** NEIGHBORHOOD/RESIDENT PROGRAMMING
- 4** AFFORDABLE HOUSING

Scenario 1 - CREATIVE ADAPTATION + ADDITION

Scheme 1 assumes a rebuilt Memorial Hall building with the addition of up to 12 affordable three-bedroom units in the rear connecting to a rebuilt Memorial Hall which would now provide resident neighborhood programming on the ground floor, with up to 4 affordable rental units on the second floor. 48R has minimal intervention in this scheme, preserving the field and gazebo, and relocating the playground on site.

Scenario 2 - LOW-DENSITY APPROACH

Scheme 2 relocates Memorial Hall to the front of the parcel, allowing for up to 6 low-density affordable townhomes behind the structure, and up to 4 units within Memorial Hall itself. The ground floor of Memorial Hall would feature neighborhood programming on 48R with minimal intervention in this scheme, preserving the field and gazebo, and relocating the playground on site.

Scenario 3 - RECONSTRUCTING + REPROGRAMMING MEMORIAL HALL

Scheme 3 retains the existing footprint of Memorial Hall reconstructing the building to create space for neighborhood programming. Reconfiguring the parking lot footprint, the rear of the site is opened up, allowing for up to 16 affordable rental apartment units to be built on the rear of the 48 parcel. 48R has minimal intervention in this scheme, preserving the field and gazebo, and relocating the playground on site.

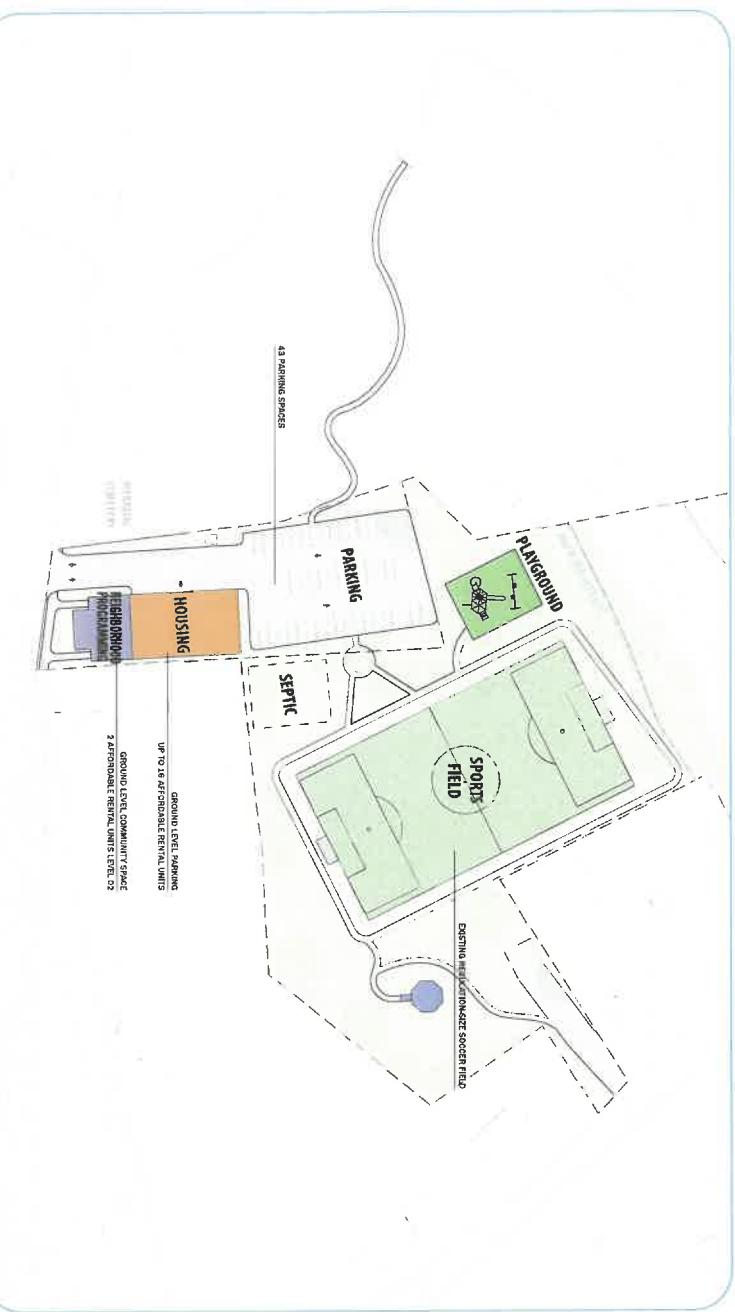
Scenario 4 - ROUTE 62 REDEVELOPMENT

Scheme 4 completely re-invisions the site, planning for potential infrastructural changes to accommodate the potential* for a 2-lane Route 62 road cut-through, as requested by community members. Memorial Hall would be relocated to the front of parcel 48, and support a new field house for the 48R sports field or other neighborhood programming. Parking would be split up between a small Memorial Hall lot and a back lot serving the fields and playground. The southeast corner of 48R would be developed with up to 6 low-density affordable units and connected parking, extending the adjacent neighborhood onto 48R, utilizing the existing access from Mt. Vernon Street.

*The feasibility of a 2-lane cut through is yet to be determined and should be evaluated by an engineer.

6. VISIONING + SITE SCHEMES

PROGRAMMING SCENARIO 1



PROGRAMMING

- 1 RECREATION
- 2 PLAYGROUND
- 3 NEIGHBORHOOD/RESIDENT PROGRAMMING
- 4 AFFORDABLE HOUSING

2 CREATIVE ADAPTATION

Scheme 1 assumes a rebuilt Memorial Hall building with the addition of up to 12 affordable rental three-bedroom units in the rear, connecting to a rebuilt Memorial Hall which would now provide resident neighborhood programming on the ground floor, with up to 4 affordable rental units on the second floor. 48R has minimal intervention in this scheme, preserving the field and gazebo, and relocating the playground on site. This scheme preserves at least 85% of the trees on-site.

SITE IMPROVEMENTS

CREATIVE ADAPTATION OF MEMORIAL HALL

- DEMOLISH & RELOCATE MEMORIAL HALL TO ALLOW FOR TWO-WAY TRAFFIC
- MAINTAIN CHARACTER OF MEMORIAL HALL FAÇADE
- NEW SEPTIC TO SUPPORT DEVELOPMENT
- PRESERVE EXISTING GAZEBO
- PRESERVE EXISTING RECREATIONAL SPACE
- SPORTS FIELD
- WALKING TRAILS
- PRESERVE EXISTING PLAYGROUND

Scheme 1 Diagram by Studio Luz

PROGRAMMING

AFFORDABLE HOUSING (~18,000 SQ. FEET)

- UP TO (12) THREE-BEDROOM APARTMENTS
- UP TO (4) ADDITIONAL AFFORDABLE RENTAL UNITS IN MEMORIAL HALL

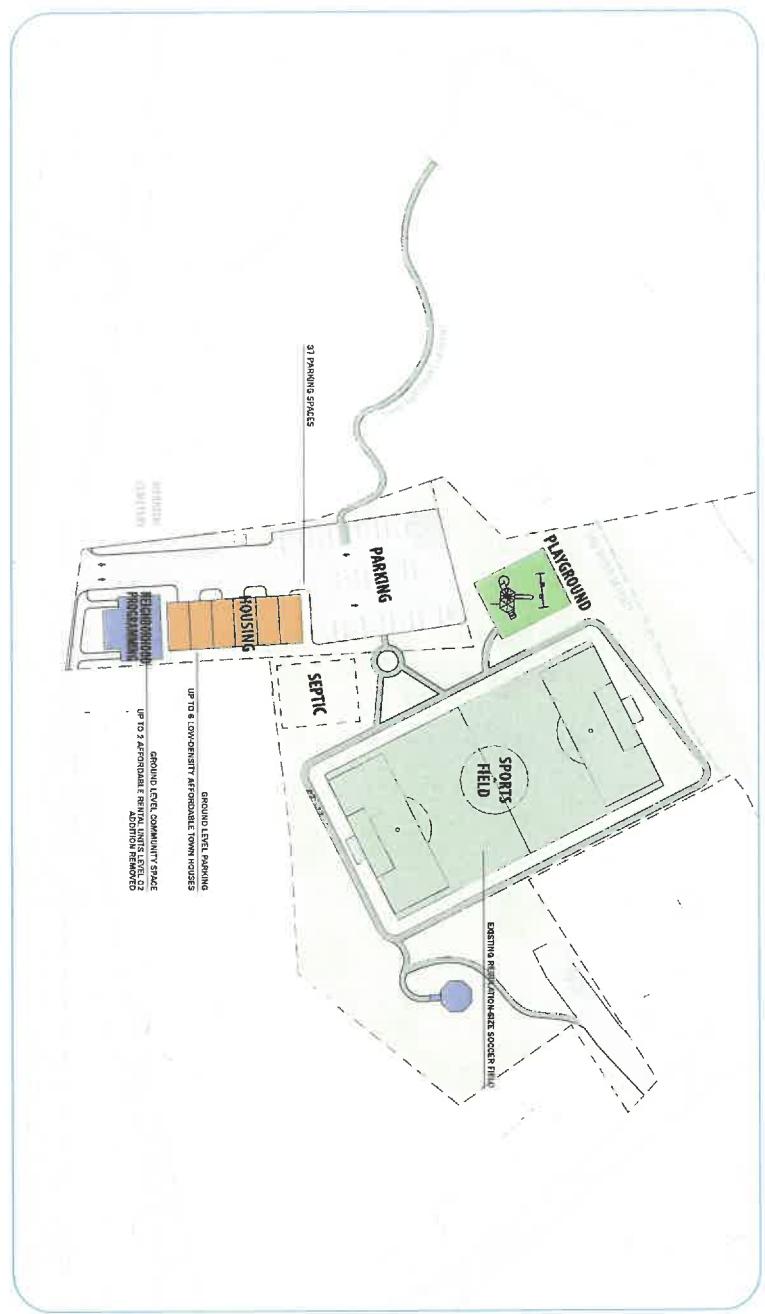
NEIGHBORHOOD/RESIDENT PROGRAMMING (~1,600 SQ. FEET)

- GROUND FLOOR RESIDENT COMMUNITY SPACE
- GAZEBO
- SPORTS FIELDS
- WALKING TRAILS

PLAYGROUND

44 PARKING SPACES

PROGRAMMING SCENARIO 2



PROGRAMMING

AFFORDABLE HOUSING (~17,000 SQ. FEET)

- UP TO (6) THREE-BEDROOM TOWNHOMES
- UP TO (4) ADDITIONAL AFFORDABLE RENTAL UNITS IN MEMORIAL HALL

NEIGHBORHOOD/RESIDENT PROGRAMMING (~1,600 SQ. FEET)

- GROUND FLOOR RESIDENT COMMUNITY SPACE
- GAZEBO
- SPORTS FIELDS
- WALKING TRAILS

LANDSCAPING

44 PARKING SPACES

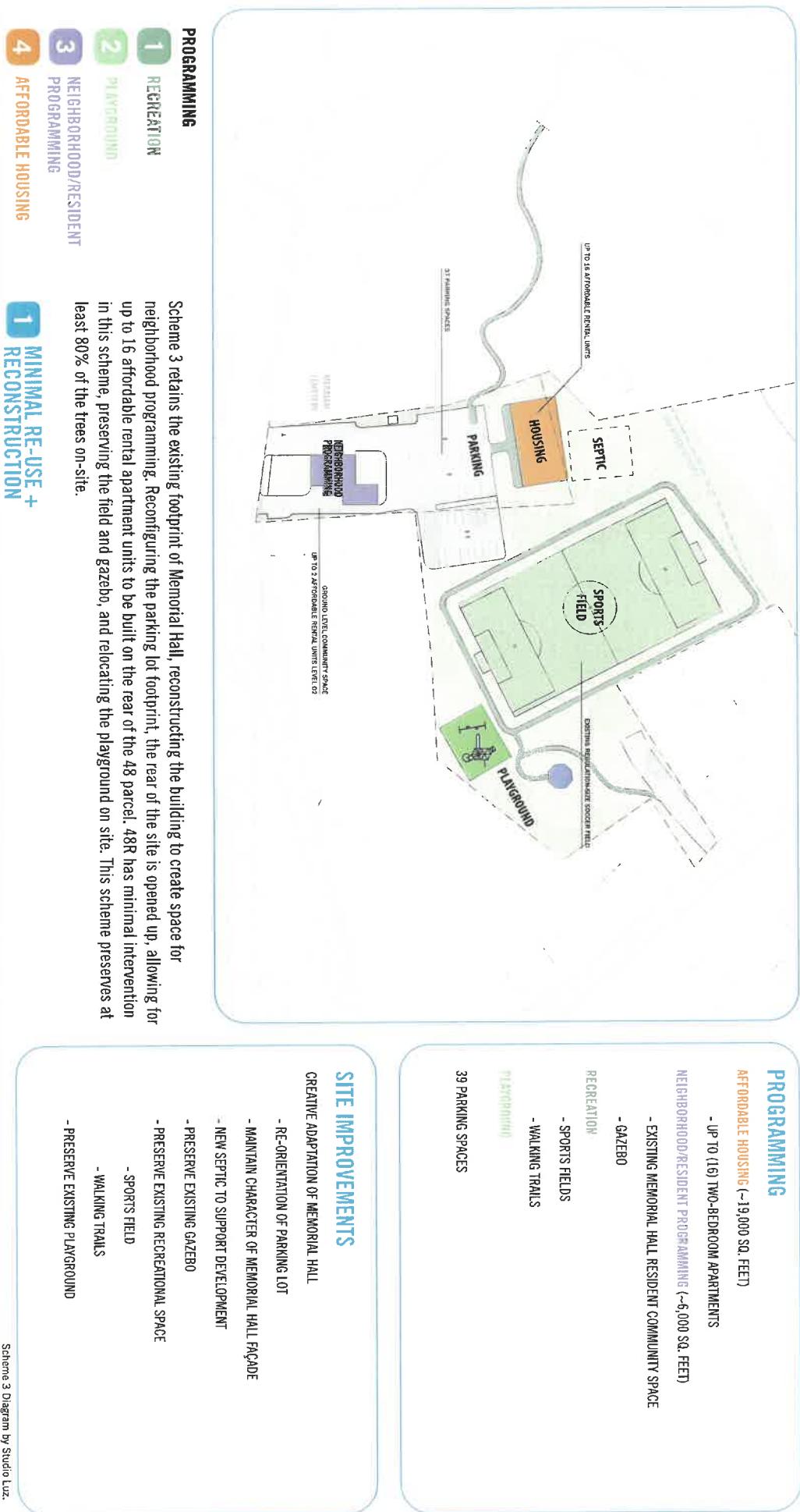
SITE IMPROVEMENTS

CREATIVE ADAPTATION OF MEMORIAL HALL

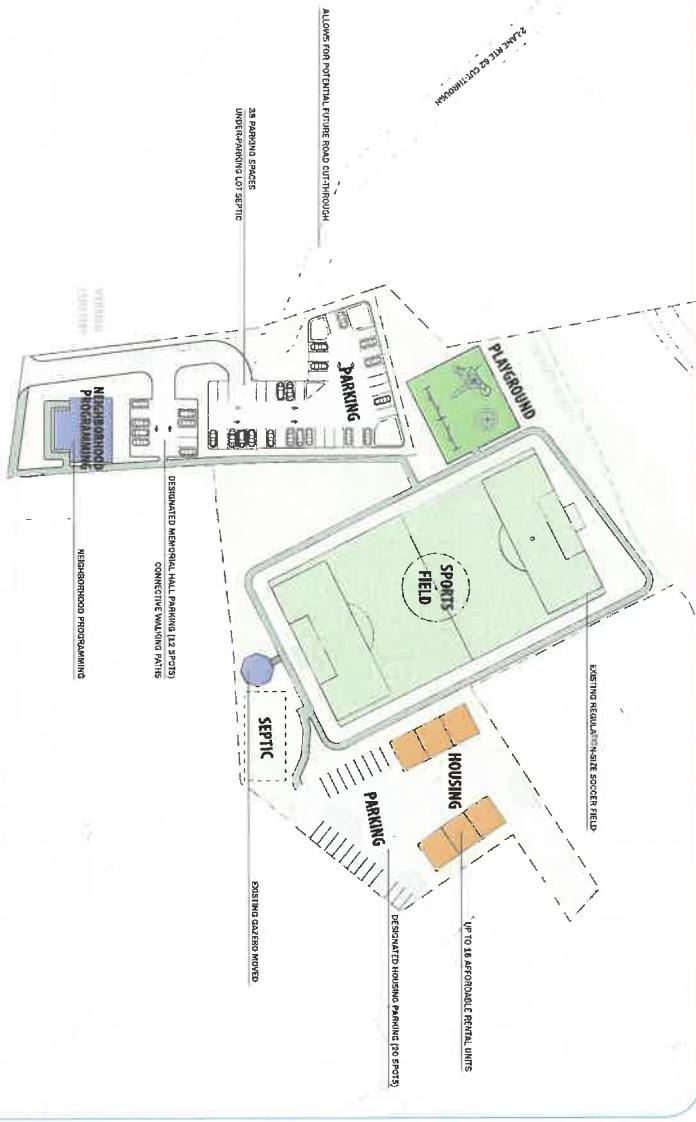
- DEMOLISH & RELOCATE MEMORIAL HALL TO ALLOW FOR TWO-WAY TRAFFIC
- MAINTAIN CHARACTER OF MEMORIAL HALL FAÇADE
- NEW SEPTIC TO SUPPORT DEVELOPMENT
- PRESERVE EXISTING GAZEBO
- PRESERVE EXISTING RECREATIONAL SPACE
- SPORTS FIELD
- WALKING TRAILS
- PRESERVE EXISTING PLAYGROUND

Scheme 2 Diagram by Studio Luz

PROGRAMMING SCENARIO 3



PROGRAMMING SCENARIO 4



PROGRAMMING

AFFORDABLE HOUSING (~13,000 SQ. FEET)

NEIGHBORHOOD/RESIDENT PROGRAMMING (~3,400 SQ. FEET)

SUPPORT PROGRAMMING

- GAZEBO

- SPORTS FIELDS

- WALKING TRAILS

70 PARKING SPACES

SITE IMPROVEMENTS

CREATIVE ADAPTATION OF MEMORIAL HALL

- NEW PARKING LOTS (3) + DRIVEWAY
- MANTAN CHARACTER OF MEMORIAL HALL FAÇADE
- NEW SEPTIC TO SUPPORT DEVELOPMENT
- PRESERVE EXISTING RECREATIONAL SPACE
 - SPORTS FIELD
 - WALKING TRAILS
 - MOVE PLAYGROUND
 - PRESERVE EXISTING GAZEBO

Scheme 4 completely re-invisions the site, planning for potential infrastructural changes to accommodate the potential* for a 2-lane Route 62 road cut-through, as requested by community members. Memorial Hall would be relocated to the front of parcel 48, and support a new field house for the 48R sports field or other neighborhood programming. Parking would be split up between a small Memorial Hall lot and a back lot serving the fields and playground. The southeast corner of 48R would be developed with up to 6 low-density affordable units and connected parking, extending the adjacent neighborhood onto 48R, utilizing the existing access from Mt. Vernon St. This scheme preserves at least 65% of the trees on-site.

PROGRAMMING

4	AFFORDABLE HOUSING	1 RECREATION
3	NEIGHBORHOOD/RESIDENT PROGRAMMING	2 PLAYGROUND
2	CREATIVE ADAPTATION	1 potential for a 2-story house or building to be relocated to the front of parcel 48, connected parking, extending the a St. This scheme preserves at least 1

*The feasibility of a 2-lane cut through is yet to be determined and should be evaluated by an engineer.

7. NEXT STEPS

7. Next Steps

Path to Reprogramming

NEXT STEPS

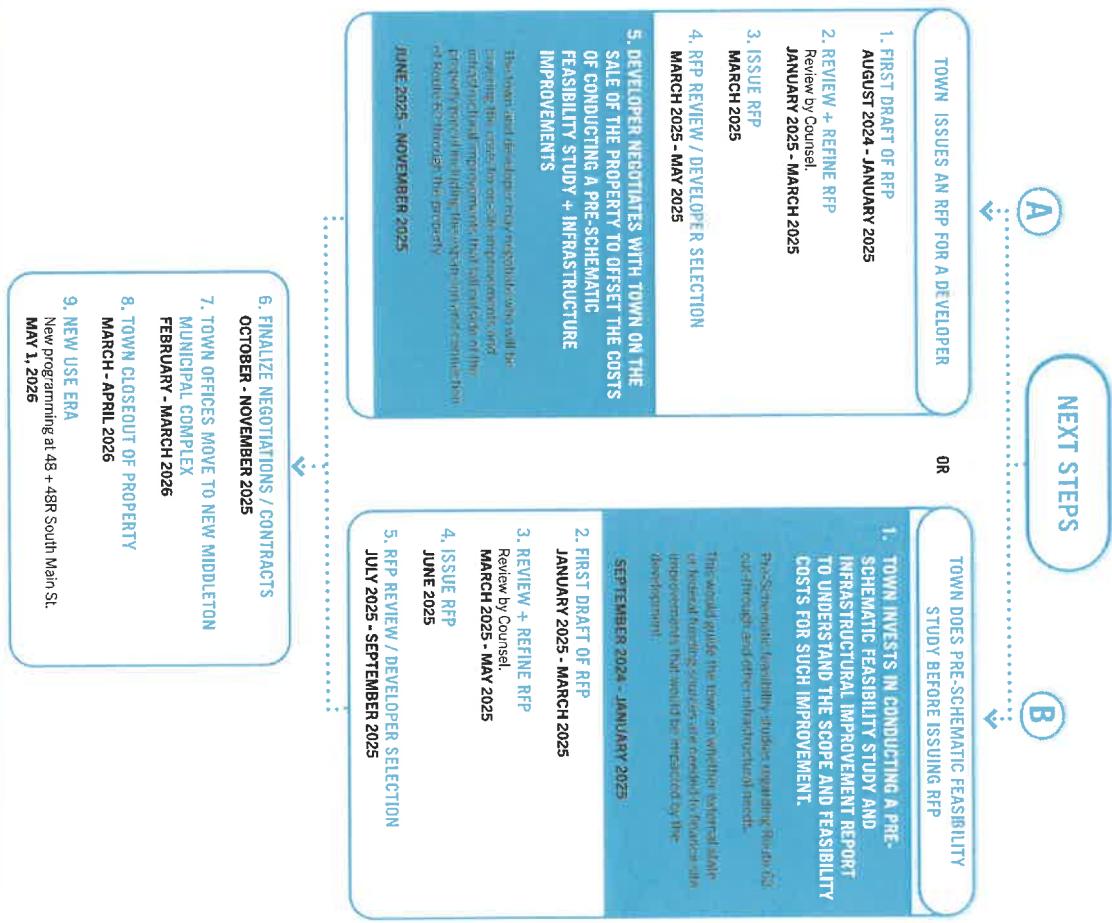
PATHS TO NEW PROGRAM USE

Guided by the possible program scenarios determined by this study, the path to implementing new programming at Memorial Hall will require careful thought and consideration to implement a new vision for the site that is reflective of community feedback and in keeping with the greater context of Middleton. This guide for next steps towards reprogramming Memorial Hall and its rear parcel can help the town on the way to giving the building and site new life.

The RFP may include the initial concept studies done on this parcel generated from the community and the Select Board input, as a way to attract developers to bid on the project through the provided design scenarios. A strength of this RFP will be that the programming has already been introduced to and engaged with by the residents of Middleton. We recommend that the selected developer shares their proposal with the residents to solicit feedback and continued engagement from the community.

Path A allows the town to begin with issuing a Request for Proposals for developers to respond to. When a developer is chosen, the Town of Middleton can work with the developer to negotiate the sale of the property and the financing of pre-schematic feasibility studies and infrastructure improvements. Together, they can conduct studies to better understand the systems needs on site, such as septic/sewer improvements, and the possibility of a future Rte. 62 cut-through on the 48 South Main St. parcel. After conducting these studies with the selected developer, the Town can closeout the Memorial Hall property as it prepares for new use.

Path B begins with the Town of Middleton conducting necessary feasibility studies and infrastructure improvements, such as those stated above, before drafting an RFP, so that potential developers can better understand the site and prepare a comprehensive proposal. This path elicits understanding of the funding and/or financing that may be required for infrastructural improvement before the issuing of an RFP. The town may then draft an RFP with the help of a consultant, or on their own, before selecting a developer.



7. Next Steps

Path to Reprogramming

NEXT STEPS

REQUEST FOR PROPOSAL RECOMMENDATIONS

REQUEST FOR PROPOSALS (RFP) RECOMMENDATIONS

Town to pull out a request for proposal for developer.

The most common method for implementing new programming at the site would be to issue an RFP to local developers. It is important that the town establishes strict criteria for the evaluation of each proposal prior to issuing the RFP to ensure that each proposal meets the town's vision for the redevelopment of each site. The town can also seek assistance for issuing the RFP by means of a consultant or an advisory committee. A consultant could be hired to help the town develop an RFP along with an advisory committee to help ensure that the RFP aligns with the needs of the town's vision for each site. Upon receiving proposals, an evaluation committee can also be appointed to aid in the review process (proposals review, interviews, etc.) and make a recommendation to the Select Board.

RFP PROGRAMMING RECOMMENDATIONS

The recommendations provided in this study should be considered when developing an RFP. To align with the feedback gathered from the community, the RFP should encourage developers to implement the following programming:

- Affordable Housing
- Neighborhood/Resident Programming
- Recreation
- Playground

RFP criteria should also address the resultant parking needs of any proposed programming.

RFP SITE APPROACH

The site approach will be another important consideration for the town when developing an RFP. Outlining the desired site approach and site considerations in the RFP itself can help developers tailor their initial proposals to be in alignment with the town's vision for the site. The site schemes encompassed in this study (informed by the initial site analysis and community engagement) can provide useful insights into possible site approaches when developing an RFP.

The following site approaches would be suitable for this site to preserve the existing character of Memorial Hall while allowing for new development of affordable housing:

- Reconstruction of Memorial Hall with separate affordable housing development
- Creative Adaptation of Memorial Hall with conjoined affordable housing

RFP SITE CONSIDERATIONS

Based on feedback from the community engagement, RFP criteria should also address the desire to preserve the existing conditions of the site where possible. Preserving the following existing conditions should be taken into consideration for any development proposals:

- Existing character of the Memorial Hall facade
- Existing recreation field
- Existing walking trails + connection to the Tragert trail
- Existing gazebo
- Existing trees (where possible)



Memorial Hall. Image courtesy of the Town of Middleton.

Gazebo on 48R South Main St. Image by Studio LUZ.

7. Next Steps

Implementation Considerations

NEXT STEPS

IMPLEMENTATION CONSIDERATIONS

BUILDING UPGRADES

This study revealed that the community would prefer to preserve the historic façade of Memorial Hall, as well as recreational programming that currently lives on site, while implementing new programming at a low density. It should be noted that any scheme that chooses to work within the existing structure of Memorial Hall may present challenges for reprogramming and have significant added cost implications due to the state of the building required upgrades. Feasibility studies should be conducted in order to assess the site's ability to house new programming as a 21st century asset in Middleton.

Some of the most significant building upgrades and renovation considerations that may be required to support new programming are listed below:

48 + 48R SOUTH MAIN STREET

- **Septic**
Currently utilizing the septic system from the original 1800's construction of Memorial Hall, the existing septic infrastructure will need to be upgraded to take on the sewage and water capacity generated from the new development.
- **Structural Integrity for Renovations**
The existing structure should be evaluated for structural integrity to support any planned renovations.
- **System Upgrades**
The existing systems at Memorial Hall, including electrical, plumbing septic, life safety, and mechanical, are out-dated and should be evaluated to determine required upgrades to support any new programming.
- **Accessibility Upgrades & Code Implications**
Code implications and accessibility upgrades should be reviewed for all new potential programming. Memorial Hall is currently only accessible on the first floor.
- **Civil Engineering Study / Highway Feasibility**
The community has asked for a road cut-through on the site to mitigate traffic in Middleton. It is recommended for a Traffic and Civil Engineering study to be conducted in order to understand the feasibility of a cut-through to connect Rte. 62 from Boston St. to Maple St.

7. Next Steps

Implementation Considerations

NEXT STEPS

IMPLEMENTATION CONSIDERATIONS

Implementation Considerations

ZONING

48 South Main St. is zoned for B Business, while 48R South Main St. is zoned for R-1a Residential. Depending on the programming put forth in the RFP, the proposed development may require a variance. The possibility for rezoning the parcels should also be considered simultaneously while putting out an RFP to minimize challenges for development and make the site more attractive to developers.

WETLAND / RIVERFRONT PROTECTION

Any development of 48R South Main St. must comply to the Rivers Protection act, which states that there is a 200' Riverfront Se setback. Portions of this parcel are within the AE Floodzone and must comply with all AE Floodzone restrictions.

CONSULTANT SERVICES

The town should select a pathway (Path A or Path B) to provide a comprehensive feasibility study to assess the possible site constraints of Memorial Hall and the larger parcel including, but not limited to:

48 and 48R Parcels

- Town Sewer Capacity
- Civil & Traffic Study for Rte. 62 Cut-through
- Geotechnical Report
- Environmental Report

Memorial Hall (in the case of Minimal Re-Use)

- A Full Code Report
- A Building Assessment Report
- Existing Septic Capacity

8. APPENDIX I: COMMUNITY ENGAGEMENT

Community Engagement Presentation Content

APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

AGENDA

Project Introduction (10 minutes)

Memorial Hall Workshop (40 minutes)

Personal Voice

4 Discussion Questions (30 minutes)

Be the Architect

Design Activity (10 minutes)

Open Discussion Q&A

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MISSION

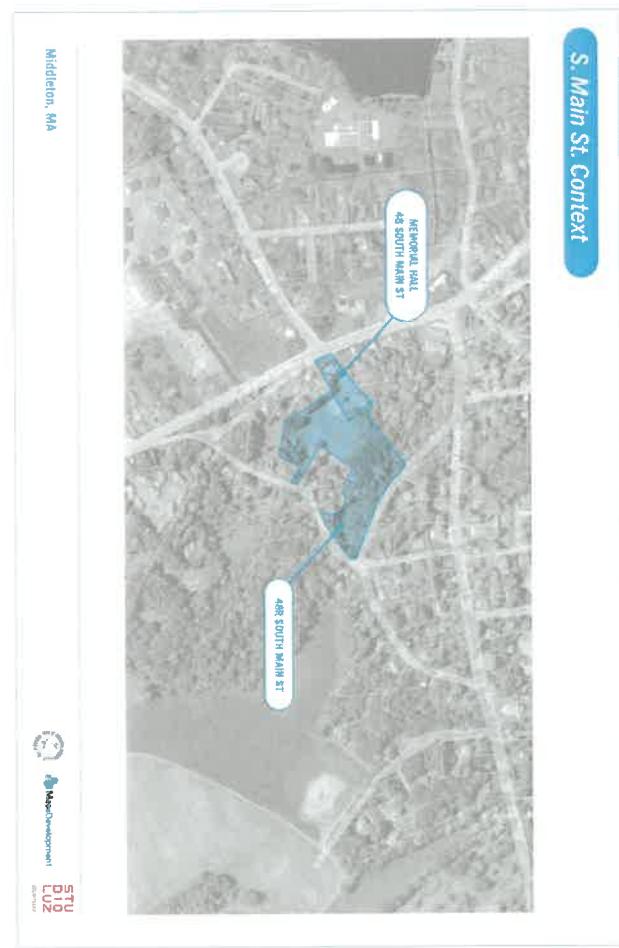
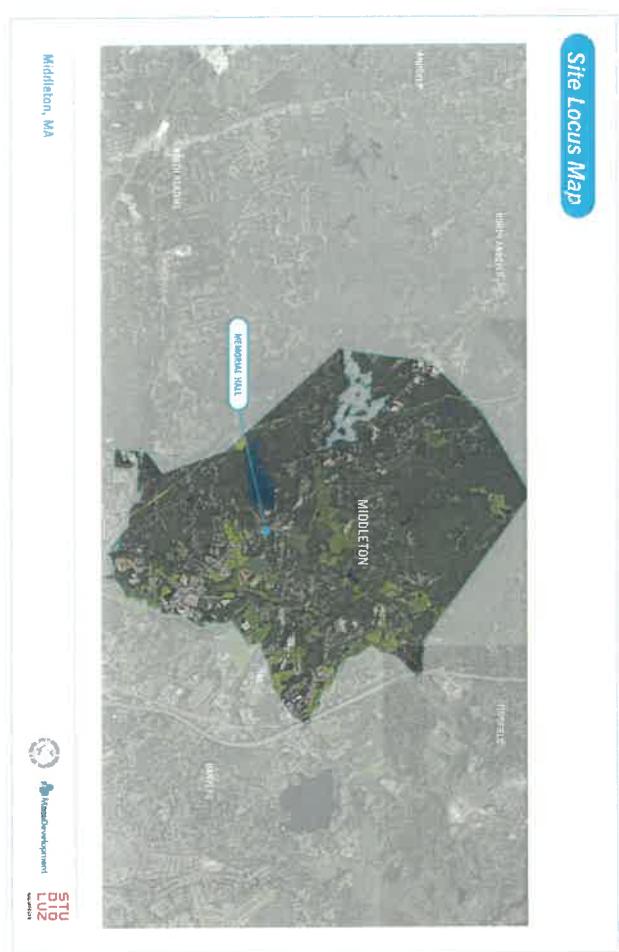
The goal is to develop consensus of **FUTURE USE** case(s) for **48 & 48R SOUTH MAIN STREET** and produce comprehensive documentation of **PROGRAMMING SCENARIOS** to inform a subsequent RFP for the redevelopment of the property for the **NEW PROPOSED USE**.

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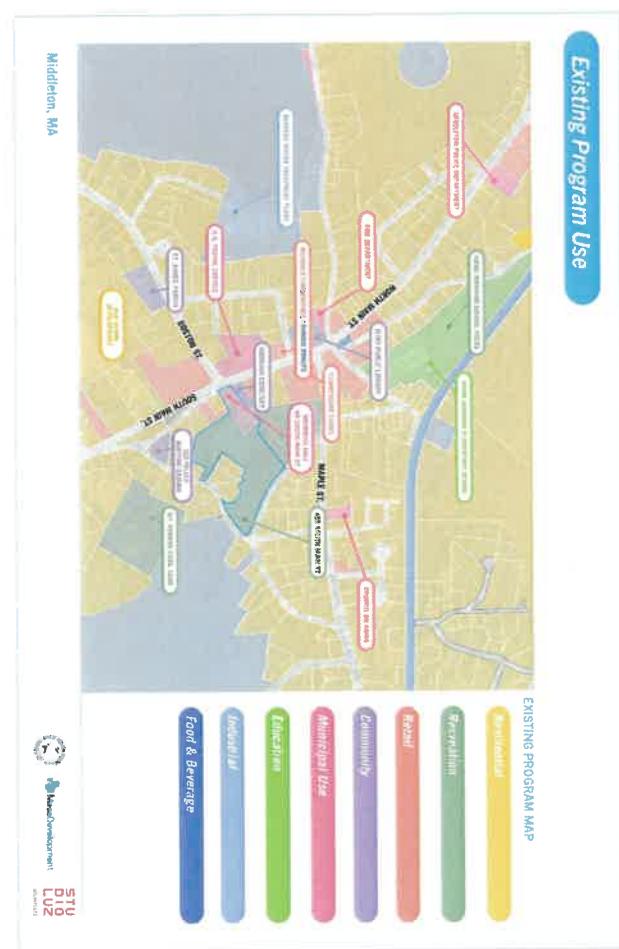
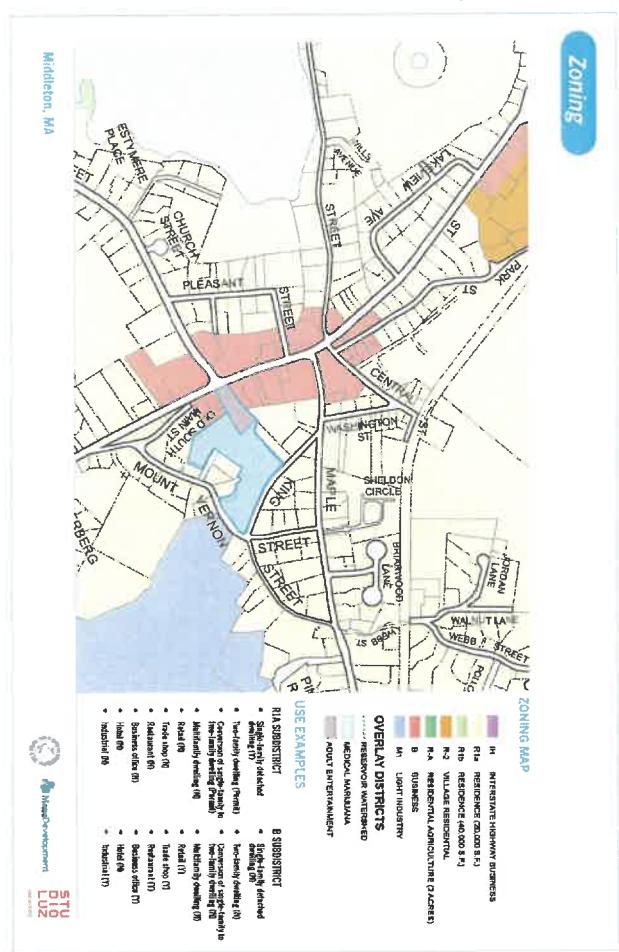
APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

New Development



MIDDLETON MUNICIPAL COMPLEX

- Town Hall & Community Center
- Public Safety Building
- Town Common

MIDDLETON HISTORIC DOWNTOWN

- 100+ buildings
- ~1.00 SF (29,000 SF)

MIDDLETON OFFICE PROPERTY

- 41 Businesses

STU LUZ

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Middleton, MA

Existing Conditions



48 SOUTH MAIN STREET

6,280 SF (finished area)

- Memorial Hall Town Offices
- Previous Centre Society (1837)
- 2.5 Story Timber Frame Building
- Rear Parking Lot
- Unfinished, Raised Basement (Additional 3,140 SF)

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Middleton, MA

APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Existing Conditions



48 SOUTH MAIN STREET

- 6,200 SF

- Historic People's Congregational
- Ground floor consists of offices
- Second floor consists of artist gallery, 550 SF conference room, offices, and a small kitchen.
- Upfront exterior currently used as storage only
- Reopen accessibility and upgrade interior throughout.



Conference Room 2,000 SF



Office 2,000 SF



Kitchen 2,000 SF



Dining 2,000 SF

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Middleton, MA

Existing Conditions



GROUND FLOOR PLAN

GRESS SHARE NUMBER: 130 SF

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510 LU2

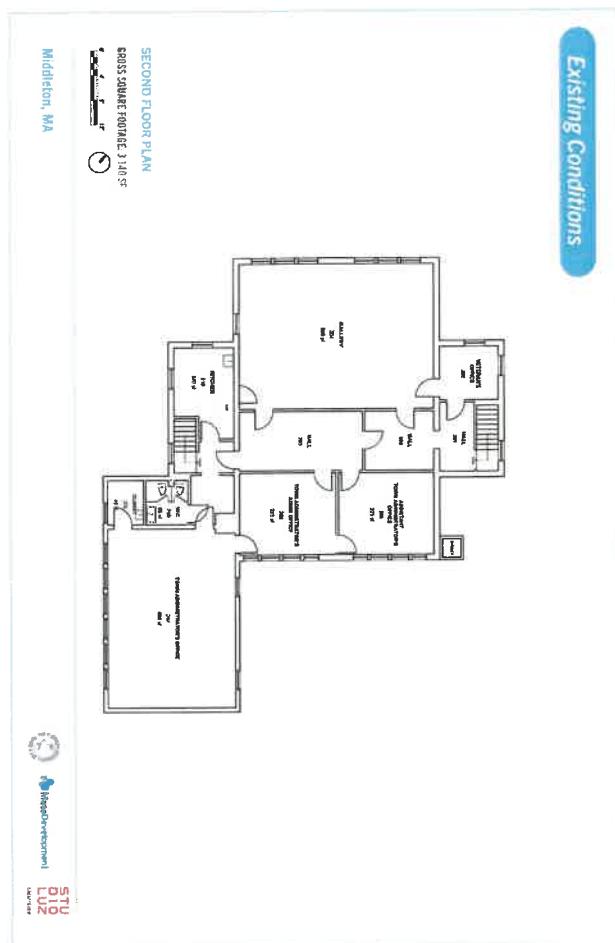
Middleton, MA

MassDevelopment
510 LU2

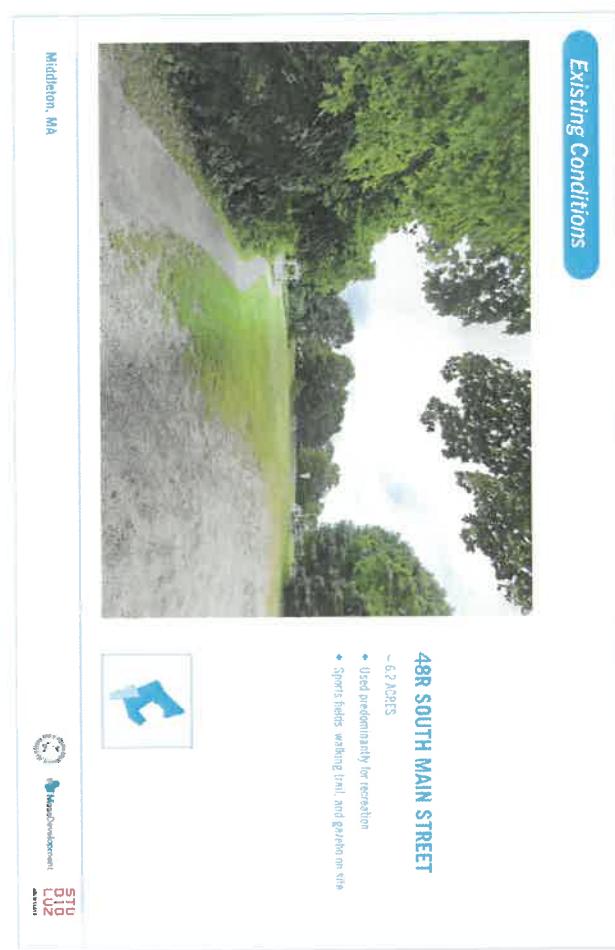
APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Existing Conditions



Existing Conditions



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Personal Voice

Please tell us your thoughts.

What is Middleton missing?

- A. Residential Use
- B. Affordable Housing
- C. Recreational Use / Open Space
- D. Community Programming
- E. Retail Use
- F. Food & Beverage
- G. Municipal Use
- Other?

Personal Voice

Please tell us your thoughts.

What is Middleton missing?

- A. Residential Use
- B. Affordable Housing
- C. Recreational Use / Open Space
- D. Community Programming
- E. Retail Use
- F. Food & Beverage
- G. Municipal Use
- Other?

F. Food & Beverage
would be nice to have more variety
for restaurants!

B. Affordable Housing
support our community and provide
affordable living for our residents

C. Recreation
more fields for the kids and seating
for parents to watch

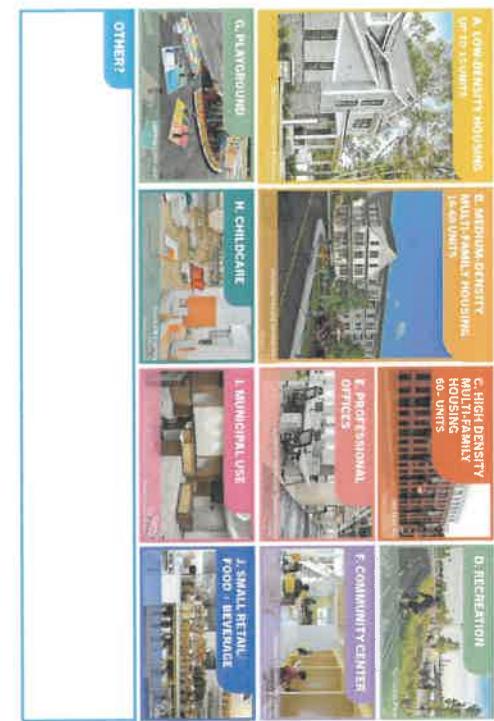
APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Personal Voice

Please tell us your thoughts.

What would you like to see here?



Personal Voice

Please tell us your thoughts.

What would you like to see here?



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Personal Voice

Please tell us your thoughts.

What would you NOT like to see here?



Personal Voice

Please tell us your thoughts.

What would you NOT like to see here?



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Personal Voice Please tell us your thoughts.

Which site approach would you like to see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and reuse of the site.

Since:

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location).

*All site approaches assume preservation of the historic facade

Personal Voice Please tell us your thoughts.

Which site approach would you like to see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and reuse of the site.

Since:

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location).

*All site approaches assume preservation of the historic facade

APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Existing Conditions

PRESERVATION ASSUMPTIONS:

A. SPORTS FIELD: If the sports field is moved (i.e. to Native Way), how would you want to see this area developed?

B. CEMETERY: Access to the cemetery will be preserved

C. TRAILS: Access to public walking trails will be preserved

D. WETLANDS: Any change to the area around the wetlands is subject to Conservation Commission approval under state law

SITE PLAN

GROSS AREA: 6.44 ACRES



Memorial Hall

A

B

C

D

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Middleton, MA

I AM A:

Resident

Business Owner

Business Employee

Community Member

Employee

Other

What program stakeholder do you represent?

Business Owner

Community

Nonprofit

Community group

Restaurant / Food Service

Professional Service

Retail

Other

BE THE ARCHITECT!

Select the site elements you are designing

Planned Site

Events

Landscaping

Creative Migration

As a PERT participant, please write or draw on the site plan your vision for the future of the 6.45 & 6.69 parcels.

What is the most unique feature you would like to see in the site?

What type of programming would you like to see implemented in the site?

What would you like to see added to the site?

What would you like to see removed from the site?

What would you like to see preserved?

What would you like to see added to the site?

What would you like to see removed from the site?

What would you like to see preserved?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

I AM A:

RESIDENT

Business Owner

Developer

Community Member

Municipal Employee

Other

What program stakeholder do you represent?

Business

Nonprofit

Community group

Residential / Food Service

Professional Service

Retail

Other

Select the site strategy you are designing:

Brick & Mortar

Brick Re-use

Expenses

Creative Adaptation

Landscape Restoration

As a pair or individually, please write or draw on the site plan your vision for the future of the 40 & 44R parcels:

As a pair or individually, please write or draw on the site plan your vision for the future of the 40 & 44R parcels.

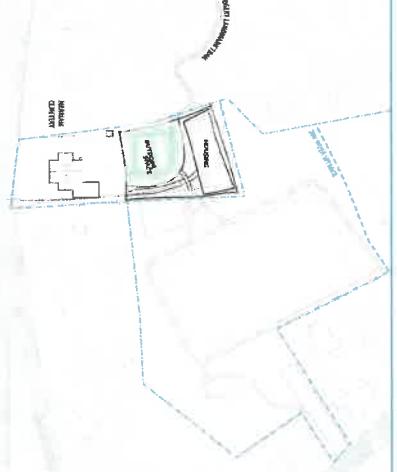
- What is a business strategy?
- What type of programming would you like to see happen?
- What would this area look like to you?

Once you are finished, share it with the next group in line.

BE THE ARCHITECT!



BE THE ARCHITECT!



APPENDIX I: COMMUNITY ENGAGEMENT DATA

PRESENTATION SLIDES (VIRTUAL AND IN-PERSON PRESENTATION)

Open Discussion

Please tell us your thoughts.

If you would like more information please put your email in the chat or take our online survey!



Email
Jackie.Bresnahan@middletonma.gov

Phone
978.777.3617

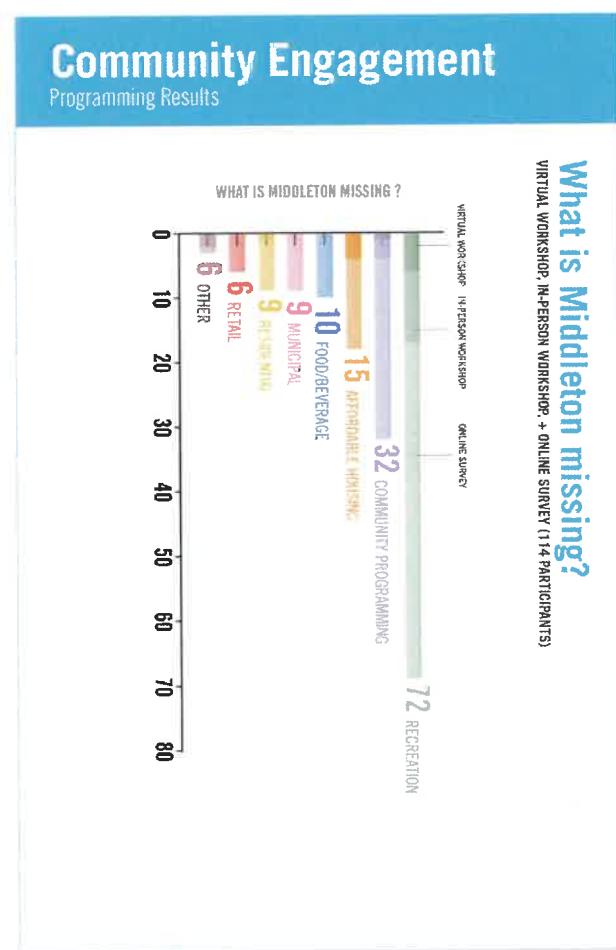
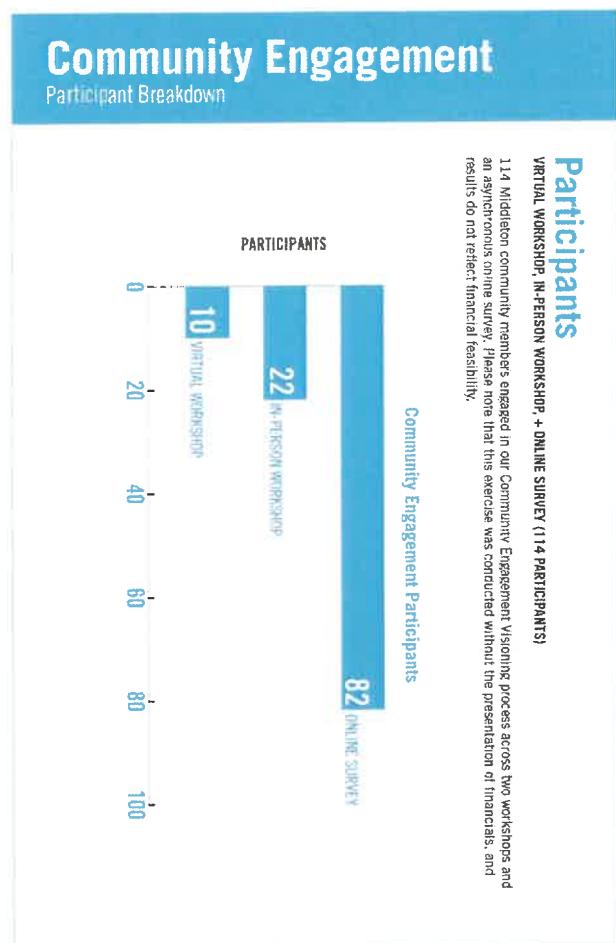
Scan here to take our survey!

Please contact us if you have any questions:

APPENDIX I: COMMUNITY ENGAGEMENT DATA ANALYSIS

RESULTS PRESENTED TO THE SELECT BOARD. PLEASE NOTE, THE ONLINE SURVEY WAS NOT YET COMPLETE WHEN THIS DATA WAS REPORTED.

VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)



APPENDIX I: COMMUNITY ENGAGEMENT DATA ANALYSIS

RESULTS PRESENTED TO THE SELECT BOARD. PLEASE NOTE, THE ONLINE SURVEY WAS NOT YET COMPLETE WHEN THIS DATA WAS REPORTED.
VIRTUAL WORKSHOP, IN-PERSON WORKSHOP, + ONLINE SURVEY (114 PARTICIPANTS)

Personal Voice Please tell us your thoughts.

48 + 48R SOUTH MAIN ST.

What would you like to see at this property?

ONLINE SURVEY, VIRTUAL WORKSHOP, + IN-PERSON WORKSHOP (114 PARTICIPANTS)



Personal Voice Please tell us your thoughts.

48 + 48R SOUTH MAIN ST.

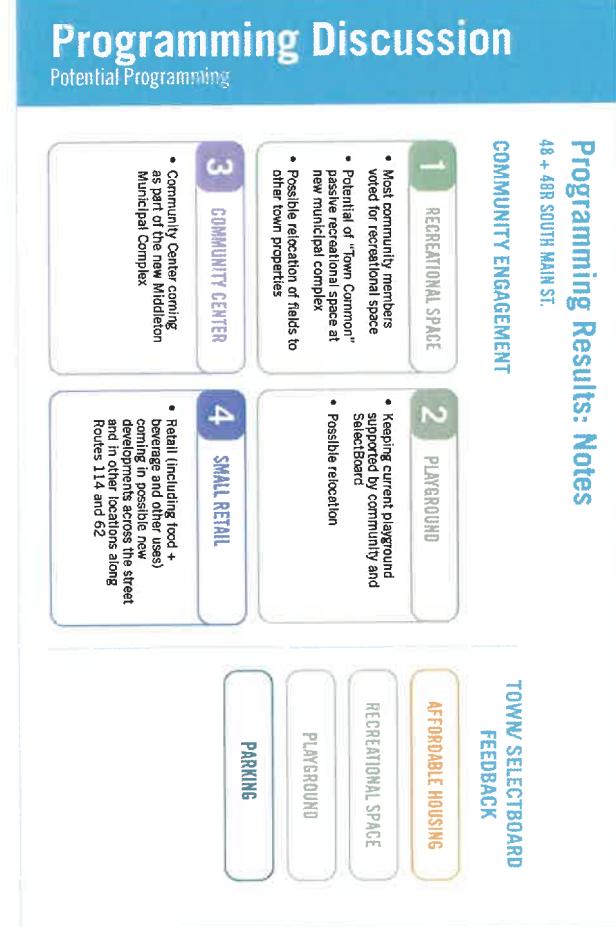
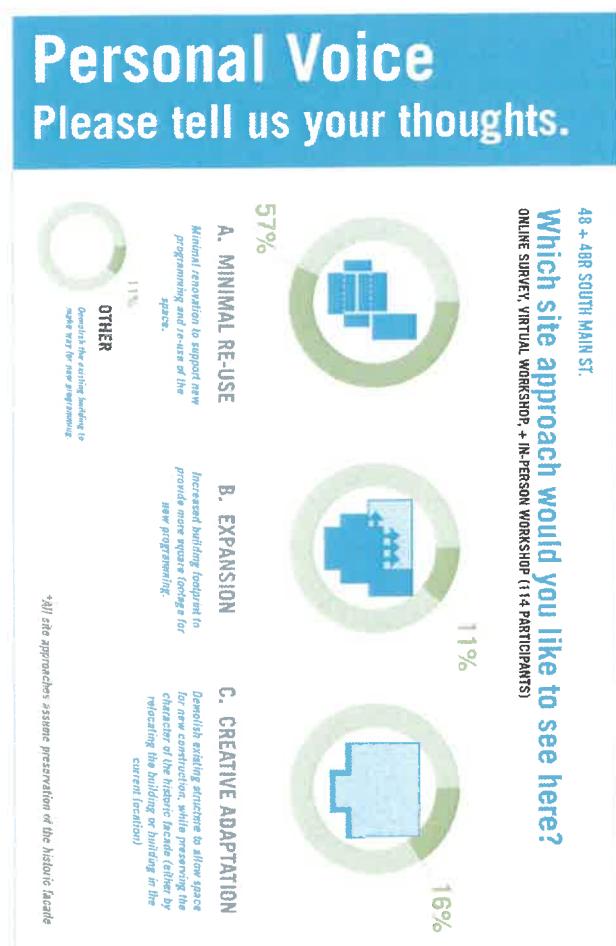
What would you NOT like to see at this property?

ONLINE SURVEY, VIRTUAL WORKSHOP, + IN-PERSON WORKSHOP (114 PARTICIPANTS)



APPENDIX I: COMMUNITY ENGAGEMENT DATA ANALYSIS

RESULTS PRESENTED TO THE SELECT BOARD. PLEASE NOTE, THE ONLINE SURVEY WAS NOT YET COMPLETE WHEN THIS DATA WAS REPORTED.



APPENDIX I: COMMUNITY ENGAGEMENT DATA ANALYSIS

RESULTS PRESENTED TO THE SELECT BOARD. PLEASE NOTE, THE ONLINE SURVEY WAS NOT YET COMPLETE WHEN THIS DATA WAS REPORTED.

Programming Discussion

Potential Programming

Site Approach Results: Notes

48 + 48R SOUTH MAIN ST.

COMMUNITY ENGAGEMENT

TOWN/SELECTBOARD FEEDBACK

1 MINIMAL RE-USE

This option may be cost prohibitive and would only support minimal programming due to the condition of the building.

2 CREATIVE ADAPTATION

This option may give the ability for future read relocation through the site, as requested by many community members.

114 Middleton community members responded in our Community Engagement Feedback process. As a result, populations and an approximate online survey. Please note that this section was completed without the participation of the Select Board, and results do not reflect their final findings.

Programming Discussion

Potential Programming

Programming Choices

48 + 48R SOUTH MAIN ST.

1 RECREATION
#1 Response from Community + Supported by Select Board

2 PLAYGROUND
#2 Response from Community + Supported by Select Board

3 COMMUNITY CENTER/ PROGRAMMING
#3 Response from Community

4 SMALL RETAIL/ FOOD + BEVERAGE
#4 Response from Community + Not Supported by Select Board

5 PROFESSIONAL OFFICES
#5 Response from Community

6 AFFORDABLE HOUSING
#6 Response from the Community by Select Board + Supported from Town

114 Middleton community members responded in our Community Engagement Feedback process. As a result, populations and an approximate online survey. Please note that this section was completed without the participation of the Select Board, and results do not reflect their final findings.

APPENDIX I: COMMUNITY ENGAGEMENT DATA ANALYSIS

RESULTS PRESENTED TO THE SELECT BOARD. PLEASE NOTE, THE ONLINE SURVEY WAS NOT YET COMPLETE WHEN THIS DATA WAS REPORTED.

Programming Discussion

Potential Programming

Programming Choices

48 + 4BR SOUTH MAIN ST.

SCHEME A.



MINIMAL RE-USE

1	RECREATIONAL SPACE
2	PLAYGROUND
3	COMMUNITY CENTER
4	SMALL RETAIL/FOOD+BEVERAGE
5	PROFESSIONAL OFFICES

SCHEME B.



CREATIVE ADAPTATION

1	AFFORDABLE HOUSING
2	PLAYGROUND
3	COMMUNITY CENTER
4	SMALL RETAIL/FOOD+BEVERAGE

SCHEME C.



CREATIVE ADAPTATION + NEW DEVELOPMENT

1	AFFORDABLE HOUSING
2	PLAYGROUND

Middleton, MA | Memorial Hall Programming Study

 MassDevelopment

 STU D Luz
ARCHITECTS

66

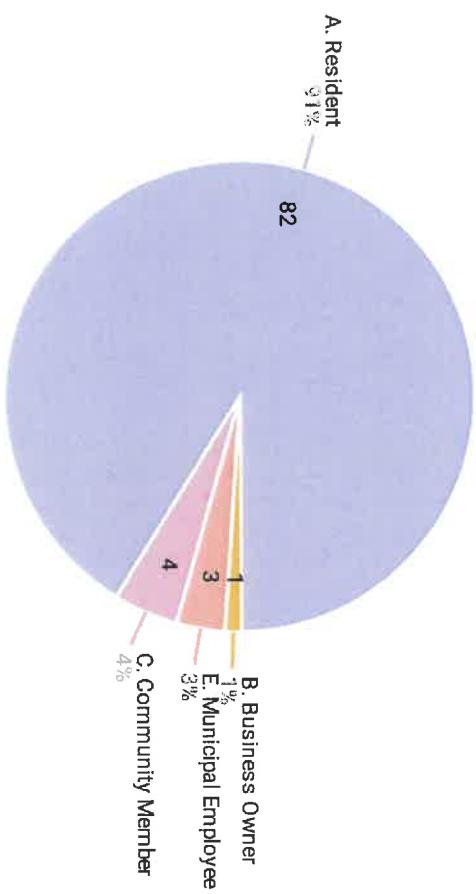
Online Survey Results

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHO ARE YOU?

Who are you?

90 Responses



● A. Resident ● C. Community Member ● E. Municipal Employee ● B. Business Owner

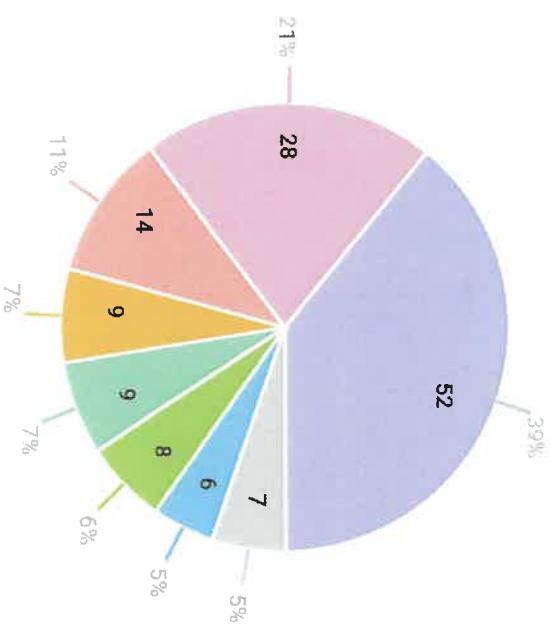
ONLINE SURVEY RESULTS
STUDIO LUZ USED A SURVEY PLATFORM FOR THIS EXERCISE ON
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APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT IS MIDDLETON MISSING?

What is Middleton missing?

133 Responses- 7 Empty



ONLINE SURVEY RESULTS
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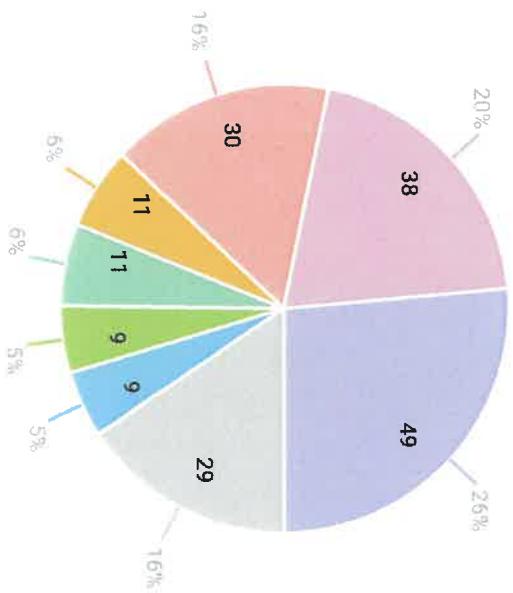
- C. Recreational Use / Open Space
- D. Community Programming
- B. Affordable Housing
- F. Food & Beverage
- G. Municipal Use
- A. Residential Use
- E. Retail Use
- Other entries
- Empty

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT WOULD YOU LIKE TO SEE AT THIS PROPERTY?

What would you like to see at this property?

186 Responses - 3 Empty



- D. Recreation
- G. Playground
- F. Community Center
- E. Professional Offices
- I. Municipal Use
- J. Small Retail / Food & Beverage
- A. Low Density Housing (less than 15 units)

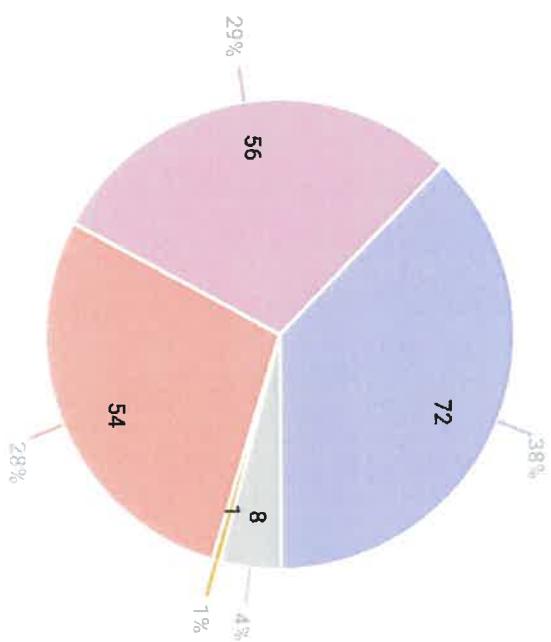
ONLINE SURVEY RESULTS
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APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT WOULD YOU NOT LIKE TO SEE AT THE MEMORIAL HALL PROPERTY?

What would you NOT like to see at the Memorial Hall property?

191 Responses- 3 Empty



● C. High-density Residential (60+ Units) ● A. Bar/Club ● B. Chain Retail ● Housing ● Other entries

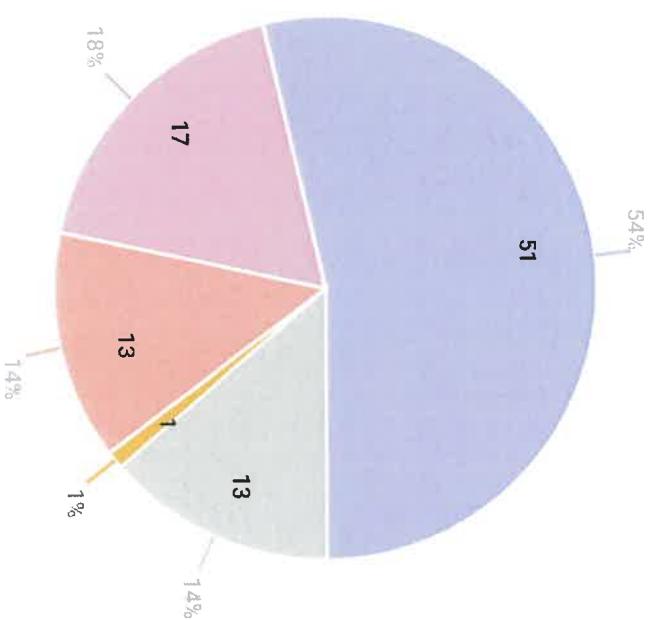
ONLINE SURVEY RESULTS
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APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHICH SITE APPROACH WOULD YOU LIKE TO SEE AT THE MEMORIAL HALL PROPERTY?

Which site approach would you like to see at the Memorial Hall property?

95 Responses- 6 Empty



- A. Minimal Re-use (a minimal renovation to support new programming and re-use of the space)
- B. Expansion (increase the building footprint to provide more square footage for new programming)
- C. Creative Adaptation (demolish the existing structure to allow space for new construction, while preserving the character of the historic facade either by relocating the building or building down and have Rte 62 go right across)
- D. Knock building down and have Rte 62 go right across
- E. Other entries

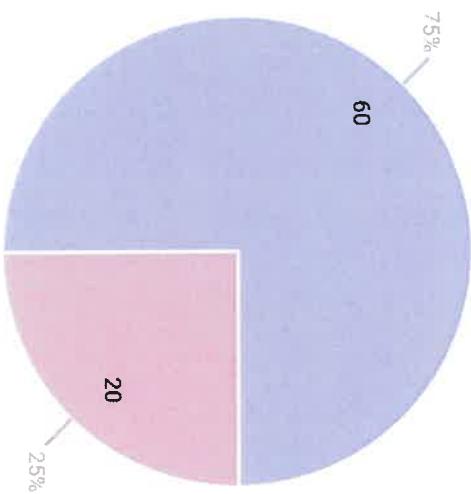
ONLINE SURVEY RESULTS
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APPENDIX I: COMMUNITY ENGAGEMENT DATA

WOULD YOU LIKE TO SEE THE RECREATIONAL FIELDS RELOCATED ELSEWHERE TO ALLOW FOR DEVELOPMENT AT THIS SITE (48R)?

Would you like to see the recreational fields relocated elsewhere to allow for development at this site (48R)?

80 Responses- 2 Empty



● No ● Yes

ONLINE SURVEY RESULTS

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APPENDIX I: COMMUNITY ENGAGEMENT DATA

ADDITIONAL COMMENTS

ONLINE SURVEY RESULTS

STUDIO LUZ USED A SURVEY PLATFORM FOR THIS EXERCISE ON JOFORM.COM. THESE IMAGES ARE DIRECTLY FROM JOFORM.

Any additional comments?

40 Responses - 42 Entries

Data	Responses
We DO NOT need anymore traffic in the center of town. A one mile drive should not take 15 minutes.	1
The charm of Middleton is an agricultural and family oriented community. Don't turn it into Danvers, Peabody and God help us, Salem.	1
The area in question is very congested with traffic flow currently. Additional housing would only increase the traffic and congestion in the area.	1
Preserve and protect this central town recreational space already established for playground, soccer field, concert gazebo, walking paths and parking for recreational activities. Expand its community and recreational use by utilizing the town hall building for indoor related activities.	1
I'm not sure what those fields used for and who uses them.	1
Would love a bakery in town or some kid centered shops	1
Traffic congestion is too much and will only get worse once Angelica's property is developed. While it would be nice for the town to repurpose the the current building, it would cost too much money to do such. The town should tear it down and utilize the area for open space for the time being until a better solution is determined. The idea of possibly rerouting traffic from Boston Street through the property into the old flagger property sounds like a reasonable idea and should be explored if possible.	1
By adding 60 units and not addressing the traffic overflow our children will be at risk in the massive back ups of traffic and reckless driving as commuters seek alternative routes to avoid town center. Middleton needs to improve town services and the walkability of its community as part of this. There is not a true town center nor the ability to walk from end to end of 114 without putting yourself or your children at risk.	1
We desperately need a downtown area where people can actually have a reason to come to Middleton and not just drive through. With the library right there, this would be a great spot.	1
Town Hall is a historical focal point of our community. It should not be demolished. Keep for recreational use or possible site for summer programs.	1
Please don't add more traffic. Leave the old charm of Middleton. An old fashioned community. Quaint new england.	1
These roads and infrastructure needs immediate upgrades. However with no room for widening, stop adding to the already horrendous traffic.	1

APPENDIX I: COMMUNITY ENGAGEMENT DATA

ADDITIONAL COMMENTS

ONLINE SURVEY RESULTS
STUDIO LUZ USED A SURVEY PLATFORM FOR THIS EXERCISE ON
JOTFORM.COM. THESE IMAGES ARE DIRECTLY FROM JOTFORM.

Any additional comments?

40 Respondents, 42 Empty

These roads and infrastructure needs immediate upgrades. However with no room for widening, stop adding to the already horrendous traffic situation. First, we need an in-depth traffic study of the whole intersection! Cars blow through the lights all the time because they are tired of waiting through multiple light cycles. These reads are obsolete!!

Middleton could really use a great community center; somewhere for everyone to come together. There's always a parking lot and traffic light right there. An updated playground would also be great!

Given that this was the original Middleton schoolhouse, the structure should be preserved. There is no compelling reason to erase more of our town history. This entire building should become the new home of the Middleton Senior Center, Council on Aging and the Middleton Food Pantry. It will provide plenty of parking and access for the local seniors, access to the walking paths, green space and grandstand, and have plenty of room for each of these groups to flourish. The space allocated to these groups has already been significantly reduced in the plans for the new municipal center at the old golf course, so this would benefit everyone. The new municipal office construction will reclaim some expensive square footage, and the seniors and their support services will move into a much larger space. It will also make this space far more accessible to a larger number of patrons of these services. As for the soccer field, perhaps a community garden space similar to the gardens over on Gregory Street. It would be a great way to engage the senior community and share their knowledge with the rest of the town.

Let's be realistic traffic is a huge issue. We don't need banks, dunk's, mercantile etc. we need to thin out Middleton square traffic as best we can. There is no magic bridge or tunnel we can afford but a 114w to 52e would be a step in the right direction

Move the fields to the new municipal building going on at the old golf course.

Keep it the same as it is no need for anything to change there. Some town halls are in much worse shape than Middleton. Just because the princess works downstairs. It doesn't mean she needs a wonderful beautiful bland new office.

Middleton has lost its small town charm.

I have been told the building is a money pit (needing major repairs) If so, although I loved this building in the fifties (free dancing school for us kids) I have seen the health and mental benefits of relaxing walking paths, stations for Yoga or meditation, a peace garden, butterfly, sensory gardens, etc. I know groups that would help maintain it. Passive, beautiful spaces for All.

I would love to see the history of the town preserved. I don't mind the building being modernized inside to keep up with current building codes, but I would not want it to be demolished or changed drastically. Rent out to small businesses would be best. The lights at that intersection would have to change though to have a left hand arrow into Memorial Hall and potentially at the same time a left hand arrow up Boston St.

There is nowhere affordable to live in this town and I'm sick of the NIMBY attitude!!

Let's really focus and consider our surroundings in town for our own benefit and community involvement. This is a beautiful town!

APPENDIX I: COMMUNITY ENGAGEMENT DATA

ADDITIONAL COMMENTS

ONLINE SURVEY RESULTS
STUDIO LUZ USED A SURVEY PLATFORM FOR THIS EXERCISE ON JOFORM.COM. THESE IMAGES ARE DIRECTLY FROM JOFORM.

Any additional comments?

40 Responses - 42 Entries

I don't really have any strong opinions as to what the property is used for as long as the building is properly maintained. This is a beautiful piece of historic architecture which should be preserved. I fully support restoration work which preserves the architecture of the building. I understand that some renovations/updates will be required to meet the intended use, but I feel that such work should be done with intent of preserving the original building to the maximum extent practical.

Go forward with moving 62 and straighten out the traffic problem once and for all, be bought property for this purpose years ago what happened?

I would like to see it either kept the way it currently is or just torn down and keep the space for trees and greenery. I don't want any more housing developments.

No residential! Would like to see space for community use... yoga, art, crafts, coffee shop.

Traffic is the number one issue for all Middleton residents. Demolishing the structure and building a road that connects to route 62 is what will provide the town the most benefit.

I prefer minimal development so as not affect traffic flow. I would also like a safe area where adults can walk.

Against anything that would cause more congestion in the center of town. As a resident of Boston street, the traffic at certain times of the day is awful. Any more housing, on top of the Angelica mess would create grid lock.

1

This building is a charming example of Middleton... The outside should not be altered in any way...

1

This building is historic it should not be altered in any way, just rehabbed

1

I do not see commercial or residential use at this site. Retain for community center use. Past plans and execution for recreational use were sound and should be expanded upon. Do not throw away the existing park and recreation use.

1

We need more indoor recreational space especially for tweens/teens. They pack Paws and Cumberland's on half days and after school. They often then head over to this outdoor area regardless of weather. Indoor space would be hinge for them as well as others. My thoughts: the first floor make community indoor recreational (e) board/table games, foosball, tables, chairs, separate areas for younger kids with toys age appropriate, possibly vending machines with snacks, cold and hot drinks. The second floor rental space to generate continuous income such as professional offices or minimal apartments. This would not increase traffic by much more than the current employee/resident use we currently have. Please do NOT entertain the idea of running 62 through this property. It would cause such employee/resident use we currently have. Please do NOT entertain the idea of running 62 through this property. It would cause such

APPENDIX I: COMMUNITY ENGAGEMENT DATA

ADDITIONAL COMMENTS

ONLINE SURVEY RESULTS
STUDIO LUZ USED A SURVEY PLATFORM FOR THIS EXERCISE ON
JOTFORM.COM. THESE IMAGES ARE DIRECTLY FROM JOTFORM.

We need more indoor recreational space especially for tweens/teens. They pack Parmis and Cumberland's on half days and after school. They often then head over to this outdoor area regardless of weather. Indoor space would be huge for them as well as others. My thoughts: the first floor make community indoor (recreational) ie. board/table games, foosball, tables/chairs, separate area for younger kids with toys age appropriate. Possibly vending machines with snacks, cold and hot drinks. The second floor rental space to generate continuous income such as professional offices or minimal apartments. This would not increase traffic by much more than the current employee/resident use we currently have. Please do NOT entertain the idea of turning 62 through this property. It would cause such an upheaval to this neighborhood, create an unsafe playground and fields and reduce parking for said playground/park. The small benefit (I understand and agree traffic is a big issue) would not outweigh the great negatives. Our traffic issue needs much more thought than this.

Thank you for listening to the residents. I am truly hopeful you will take our suggestions to heart.

Maybe they can cut a community space for children to go for activities with the option for sport activities outside on the fields. The other idea is what about a community theater?

Thank you for providing us the opportunity to give input on this project.

Affordable housing should be prioritized.

Taxes have gone up enough. The golf course we bought has sat vacant for 5 years with no construction, just an increase of 50% or over \$30 million added to the total price tag on that one so far. How about buy the Angelica's property across the street and allow that and the memorial hall property to go back to nature. Preserve a little of Middleton before it is all developed. With all the construction over the past decade the tax base has grown considerably. Where does all that money go? We should have an audit done, someone's getting rich.

Absolutely no residential housing units-rental or condominium. This space should be preserved for recreation serving children and adults, maybe a creative artist center.

I would like the building renovated, or have the town make it conservation land.

Given that Angelica's will be getting giant new residential and commercial buildings, please do not use this property in a manner that will create more traffic. Please no giant apartment buildings or retail spaces.

Virtual Community Engagement Workshop Results

APPENDIX I: COMMUNITY ENGAGEMENT DATA

VIRTUAL COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING?

STUDIO LUZ USED A VIRTUAL WHITEBOARD FOR THIS EXERCISE ON CONCEPTBOARD.COM. THESE IMAGES ARE DIRECTLY FROM CONCEPTBOARD.

Personal Voice

Please tell us your thoughts.

What is Middleton missing?

A. Residential Use

B. Affordable Housing

C. Recreational Use

D. Community Use

E. Retail Use

F. Food & Beverage

G. Municipal Use

Other?

C. Recreational Use at Rear Lot

C. Recreational Use

Comments: No rear lot, could be a different type of recreation. More recreation, more community involvement.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT WOULD YOU LIKE TO SEE HERE?

VIRTUAL COMMUNITY ENGAGEMENT WORKSHOP RESULTS

STUDIO LUZ USED A VIRTUAL WHITEBOARD FOR THIS EXERCISE ON CONCEPTBOARD.COM. THESE IMAGES ARE DIRECTLY FROM CONCEPTBOARD.

What would you like to see here?



LOW-ENSITY HOUSING
UP TO 15 UNITS



MEDIUM-ENSITY
MULTI-FAMILY HOUSING
16-20 UNITS



RECREATION



COMMUNITY CENTER



SMALL RETAIL/
BEVERAGE



PLAYGROUND



PROFESSIONAL
OFFICES



MUNICIPAL USE



CHILDCARE



PROFESSIONAL
OFFICES



Teen Center: A place
specifically for the kids
of Middleton to hang
out. Pool tables, games,
improve Mental Health
for our kids, under own
ownership.



PROFESSIONAL
OFFICES



OTHER?

Coffee shop, childcare,
professionals, more
with playground

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT WOULD YOU NOT LIKE TO SEE HERE?

VIRTUAL COMMUNITY ENGAGEMENT WORKSHOP RESULTS

STUDIO LUZ USED A VIRTUAL WHITEBOARD FOR THIS EXERCISE ON CONCEPTBOARD.COM. THESE IMAGES ARE DIRECTLY FROM CONCEPTBOARD.

What would you NOT like to see here?



APPENDIX I: COMMUNITY ENGAGEMENT DATA

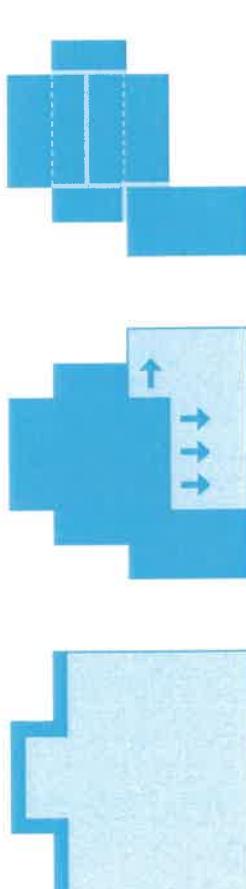
VIRTUAL COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE?

STUDIO LUZ USED A VIRTUAL WHITEBOARD FOR THIS EXERCISE ON CONCEPTBOARD.COM. THESE IMAGES ARE DIRECTLY FROM CONCEPTBOARD.

Which site approach would you like to see here?

Historic Facade is very important



A. MINIMAL RE-USE

Minimal renovation to support new programming and re-use of the space.



Minimum site footprint
(not necessarily building)

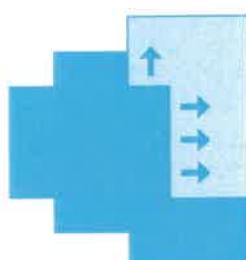
Spent the least amount
of money

on the historic facade



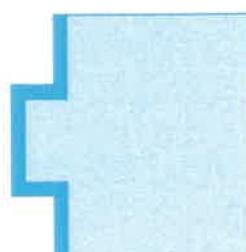
B. EXPANSION

Increase building footprint to provide more square footage for new programming.



C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)



Can effectively reuse

In-Person Community Engagement Workshop Results

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING? (IN GROUPS)

What is Middleton missing?

- Historical Significance
Museum History
- Cultural Center
Music Lessons
Art
Farmer's Market
- Senior Affordable Housing
Yoga Center

A. Residential Use

B. Affordable Housing

C. Recreational Use /
Open Space

D. Community Programming

E. Retail Use

F. Food & Beverage

G. Municipal Use

Other?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING? (IN GROUPS)

Personal Voice Please tell us your thoughts.

What is Middleton missing?

- See play grounds for soccer underused.
- C. Open space / parking / recreation
- ① Road way Infrastructure to handle traffic volumes
- ② Maintain / enhance the recreational space.
- Some concern about artifacts being damaged / interrupted by road if the two are included.
- ③ B. Affordable housing -
 - Putting in 60+ residences through a VOB
 - Creating a different kind of our community, impact on market is much less
- ④ Open space, wouldn't get taller
- Normal retail (DD) (new)
- No retail / no

A. Residential Use

B. Affordable Housing

C. Recreational Use / Open Space

D. Community Programming

E. Retail Use

F. Food & Beverage

G. Municipal Use

Other?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING? (IN GROUPS)

What is Middleton missing?

- Indoor recreation for kids
- Focus on green space (lack of)
- Keep Memorial Hall to retain the rural facade of the town

A. Residential Use

B. Affordable Housing

C. Recreational Use / Open Space

D. Community Programming

E. Retail Use

F. Food & Beverage

G. Municipal Use

Other?

Personal Voice

Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT IS MIDDLETON MISSING? (IN GROUPS)

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

What is Middleton missing?

7

A. Affordable Housing	B. Recreational Use / Open Space	C. Community Programming
C. <i>Playground and park</i> D. <i>Recreation center</i> WAT Tif the nose to golf course	C. <i>Recreational Use / Open Space</i>	D. <i>Community Programming</i>

Personal Voice

Please tell us your thoughts.

Middleton, MA | Memorial Hall Programming Study



STUDIO
DIAZ
LUZ
ARCHITECTS

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING? (IN GROUPS)

What is Middleton missing?

- A. Residential Use
- B. Affordable Housing
- C. Recreational Use / Open Space
- D. Community Programming
- E. Retail Use
- F. Food & Beverage
- G. Municipal Use
- Other?

Personal Voice
Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT IS MIDDLETON MISSING? (IN GROUPS)

What is Middleton missing?

recreation center
town hall → gym + fields +
affordable housing
(senior?)
transportation hub.

After Exhibit

A. Residential Use

B. Affordable Housing

C. Recreational Use /
Open Space

D. Community Programming

E. Retail Use

F. Food & Beverage

G. Municipal Use

Other?

Personal Voice

Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



Personal Voice

Please tell us your thoughts.



None of the above / Community Culture Center



OTHER?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

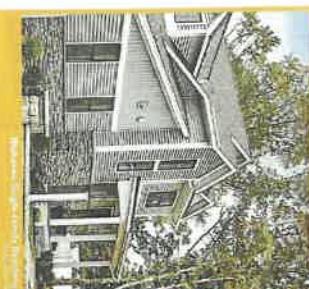
IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



A. LOW-DENSITY HOUSING
UP TO 15 UNITS



B. MEDIUM-DENSITY
MULTI-FAMILY HOUSING
16-60 UNITS



C. HIGH DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



D. RECREATION



E. PROFESSIONAL
OFFICES



F. COMMUNITY CENTER



G. PLAYGROUND



H. CHILDCARE



I. MUNICIPAL USE

J. SMALL RETAIL
FOOD + BEVERAGE

Personal Voice

Please tell us your thoughts.

OTHER?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



Personal Voice

Please tell us your thoughts.

OTHER?

48 Tear down & carry Boston St. bridge to Maple St. (via Hager lot & parking lot)



A. LOW-DENSITY HOUSING
UP TO 15 UNITS



B. MEDIUM-DENSITY
MULTI-FAMILY HOUSING
16-60 UNITS



C. HIGH-DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



G. PLAYGROUND



H. CHILDCARE



I. MUNICIPAL USE



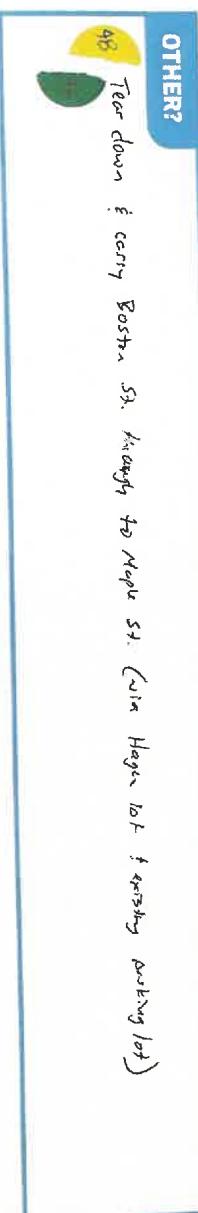
J. SMALL RETAIL/
FOOD + BEVERAGE



F. COMMUNITY CENTER



D. RECREATION



APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



A. LOW-DENSITY HOUSING
UP TO 15 UNITS



B. MEDIUM-DENSITY
MULTI-FAMILY HOUSING
16-60 UNITS



C. HIGH-DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



D. RECREATION



G. PLAYGROUND



H. CHILDCARE



I. MUNICIPAL USE



J. SMALL RETAIL/
FOOD + BEVERAGE



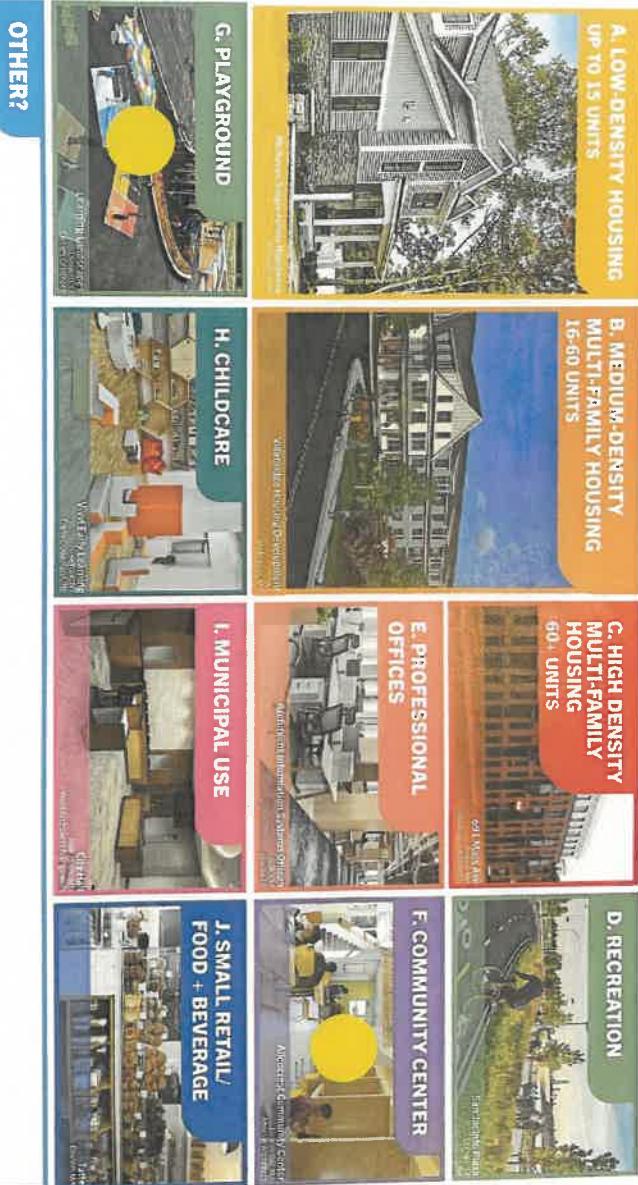
OTHER?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



OTHER?

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

What would you like to see here?



A. LOW-DENSITY HOUSING
UP TO 15 UNITS



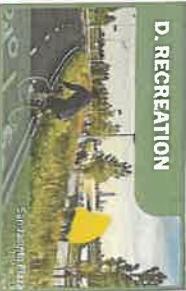
B. MEDIUM-DENSITY
MULTI-FAMILY HOUSING
16-60 UNITS



C. HIGH DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



D. RECREATION



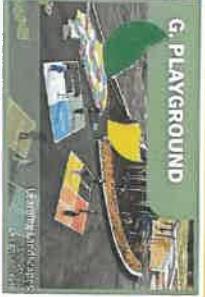
E. PROFESSIONAL
OFFICES



F. COMMUNITY CENTER



G. PLAYGROUND



H. CHILDCARE



I. MUNICIPAL USE



J. SMALL RETAIL/
FOOD + BEVERAGE



OTHER?

Personal Voice

Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

What would you NOT like to see here?



OTHER?

Personal Voice

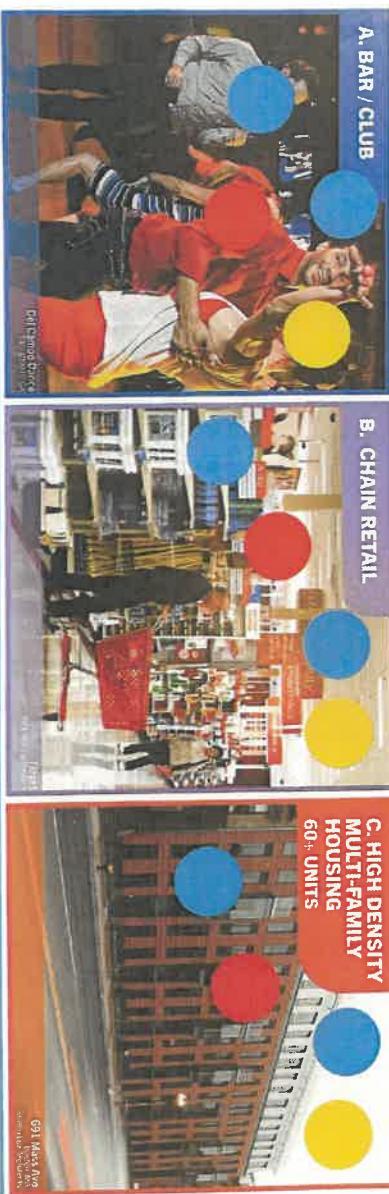
Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

What would you NOT like to see here?



OTHER?

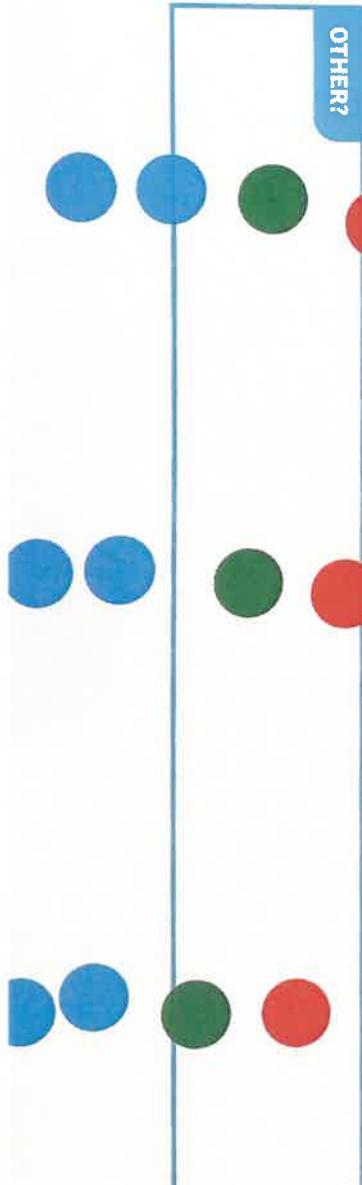
No RETAIL of Any Kind

APPENDIX I: COMMUNITY ENGAGEMENT DATA

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

What would you NOT like to see here?



Middleton, MA | Memorial Hall Programming Study

APPENDIX I: COMMUNITY ENGAGEMENT DATA

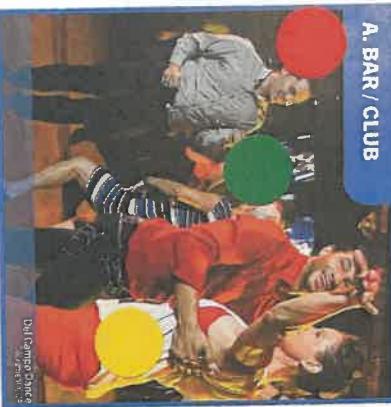
IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

What would you NOT like to see here?



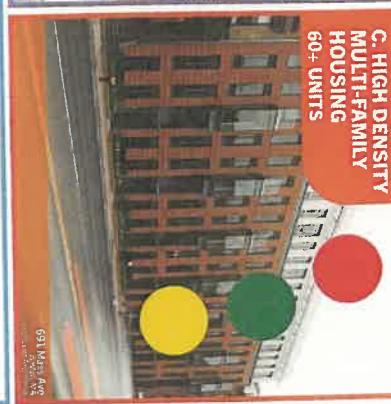
A. BAR / CLUB



B. CHAIN RETAIL



C. HIGH DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



OTHER?

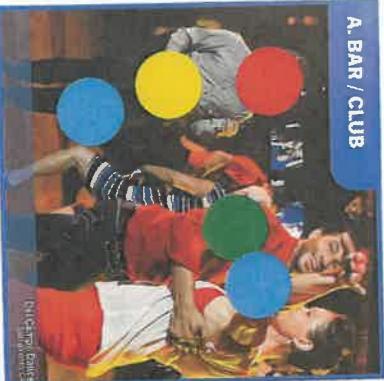
APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

What would you NOT like to see here?

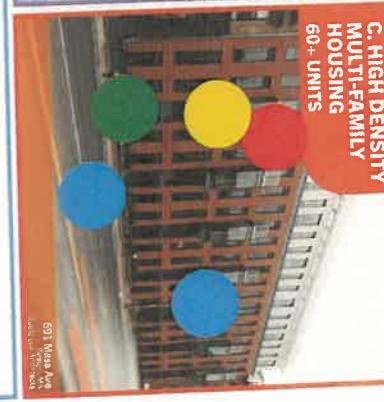
A. BAR / CLUB



B. CHAIN RETAIL



C. HIGH DENSITY
MULTI-FAMILY
HOUSING
60+ UNITS



OTHER?

Personal Voice

Please tell us your thoughts.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT WOULD YOU NOT LIKE TO SEE HERE? (IN GROUPS)

What would you NOT like to see here?

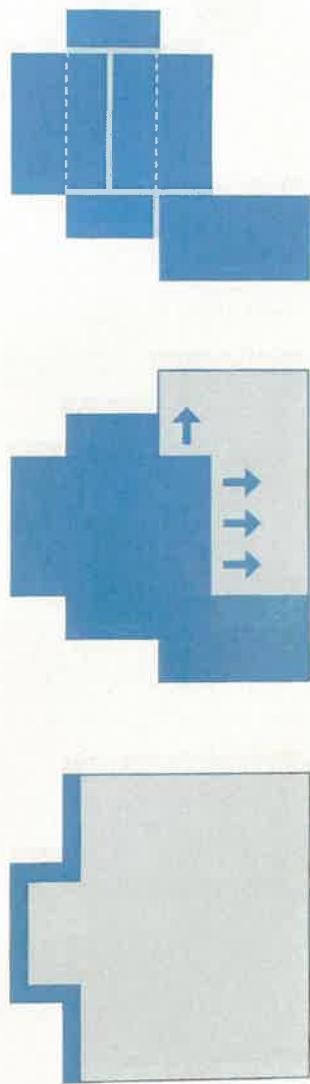


APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and re-use of the space.

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)

Personal Voice

Please tell us your thoughts.

*All site approaches assume

- A. Minimal Re-use
- B. Expansion
- C. Creative Adaptation
- D. Tear whole thing down/ replace

APPENDIX I: COMMUNITY ENGAGEMENT DATA

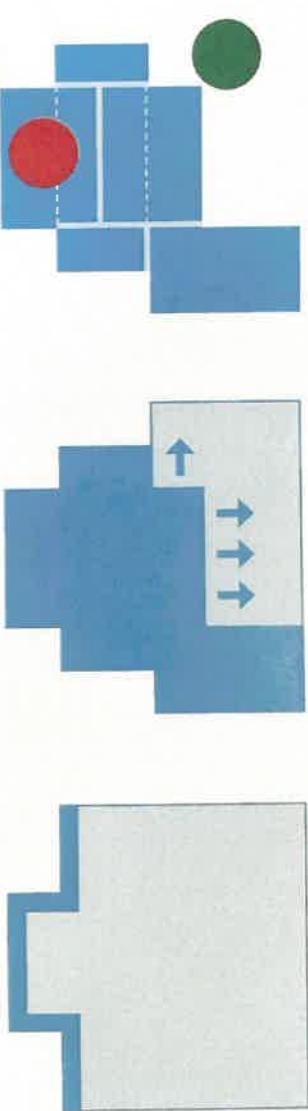
IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to see here?



see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and re-use of the space.

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)

^aAll site approaches assume preservation of the historic facade

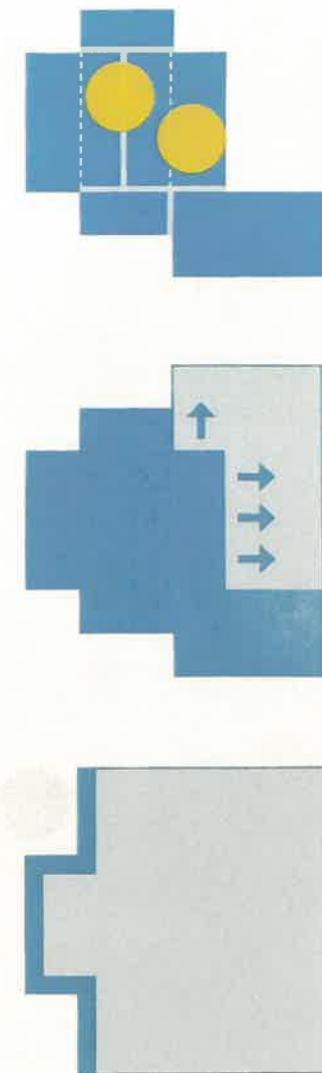
APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to

see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and re-use of the space.

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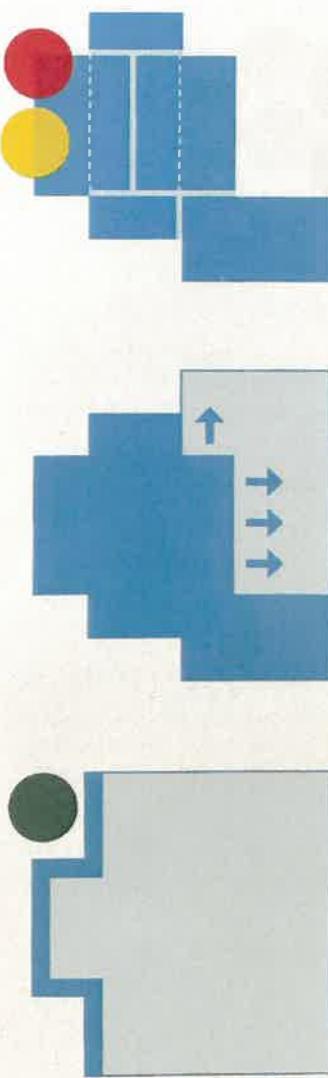
**All site approaches assume preservation of the historic facade*

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to
see here?



A. MINIMAL RE-USE

*Minimal renovation to support new
programming and re-use of the
space.*

B. EXPANSION

*Increased building footprint to
provide more square footage for
new programming.*

C. CREATIVE ADAPTATION

*Demolish existing structure to allow space
for new construction, while preserving the
character of the historic facade (either by
relocating the building or building in the
current location)*

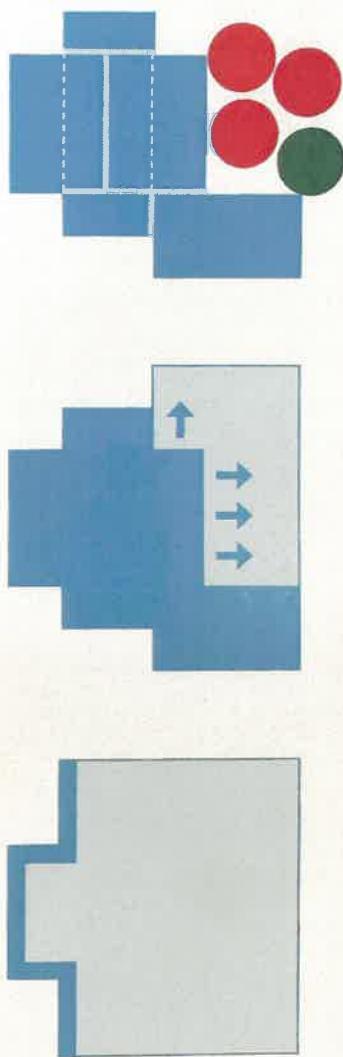
**All site approaches assume preservation of the historic facade*

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to see here?



A. MINIMAL RE-USE

Minimal renovation to support new programming and re-use of the space.

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)

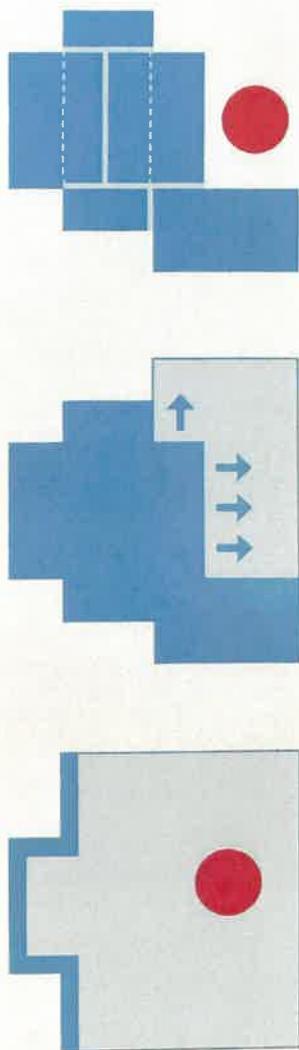
**All site approaches assume preservation of the historic facade*

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY
ENGAGEMENT WORKSHOP RESULTS

WHAT SITE APPROACH WOULD YOU LIKE TO SEE HERE? (IN GROUPS)

Which site approach would you like to see here?



A. MINIMAL RE-USE

Minimal/renovation to support new programming and re-use of the space.

B. EXPANSION

Increased building footprint to provide more square footage for new programming.

C. CREATIVE ADAPTATION

Demolish existing structure to allow space for new construction, while preserving the character of the historic facade (either by relocating the building or building in the current location)

**All site approaches assume preservation of the historic facade*

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

BE THE ARCHITECT ACTIVITY (INDIVIDUAL)

I AM A:	
<input checked="" type="checkbox"/> Business Owner	<input type="checkbox"/> Resident
<input type="checkbox"/> Business Owner	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Developer
<input type="checkbox"/> Community Member	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Municipal Employee
<input type="checkbox"/> Other	<input type="checkbox"/> Other

What program stakeholder do you represent?

Nonprofit
 Community Group
 Restaurant / Food Service
 Professional Service
 Retail
 Other

Select the site strategy you are designing

Express
 Minimalist
 Moderate
 Expressive
 Creative Expression

At a park or residentially, please write or draw on the site plan the vision for the future of the 48 & 49th streets.

What is a 'Minimalist' strategy?
 Nonprofit or community group that has a very specific, well-defined mission.
 What is an 'Expressive' strategy?
 Nonprofit or community group that has a very broad mission.

BE THE ARCHITECT!

BE THE ARCHITECT!

I AM A:	
<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Resident
<input type="checkbox"/> Business Owner	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Developer
<input type="checkbox"/> Community Member	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Municipal Employee
<input type="checkbox"/> Other	<input type="checkbox"/> Other

What program stakeholder do you represent?

Nonprofit
 Community Group
 Restaurant / Food Service
 Professional Service
 Retail
 Other

Select the site strategy you are designing

Express
 Minimalist
 Moderate
 Expressive
 Creative Expression

At a park or residentially, please write or draw on the site plan the vision for the future of the 48 & 49th streets.

What is a 'Minimalist' strategy?
 Nonprofit or community group that has a very specific, well-defined mission.
 What is an 'Expressive' strategy?
 Nonprofit or community group that has a very broad mission.

BE THE ARCHITECT!

BE THE ARCHITECT!

I AM A:	
<input type="checkbox"/> Residential	<input checked="" type="checkbox"/> Resident
<input type="checkbox"/> Business Owner	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Developer
<input type="checkbox"/> Community Member	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Municipal Employee
<input type="checkbox"/> Other	<input type="checkbox"/> Other

What program stakeholder do you represent?

Nonprofit
 Community Group
 Restaurant / Food Service
 Professional Service
 Retail
 Other

Select the site strategy you are designing

Express
 Minimalist
 Moderate
 Expressive
 Creative Expression

At a park or residentially, please write or draw on the site plan the vision for the future of the 48 & 49th streets.

What is a 'Minimalist' strategy?
 Nonprofit or community group that has a very specific, well-defined mission.
 What is an 'Expressive' strategy?
 Nonprofit or community group that has a very broad mission.

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

BE THE ARCHITECT OF YOUR INDIVIDUALITY

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

BE THE ARCHITECT OF YOUR INDIVIDUALITY

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

BE THE ARCHITECT ACTIVITY (INDIVIDUAL)

I AM A: PLAZA STAKEHOLDER	
<input type="checkbox"/> Resident	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Other
What program stakeholder do you represent?	
<input type="checkbox"/> Nonprofit <input type="checkbox"/> Community group <input type="checkbox"/> Restaurant / Food Service <input type="checkbox"/> Professional Service <input type="checkbox"/> Retail <input type="checkbox"/> Other	
As a part of this activity, sketch specific details on the site plan that reflect the needs of the program you represent. All 8 squares. Note: a) Indicate changes b) Indicate new features c) Indicate new requirements d) Indicate new needs e) Indicate new opportunities	
BE THE ARCHITECT! 	

I AM A: PLAZA STAKEHOLDER	
<input type="checkbox"/> Resident	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Other
What program stakeholder do you represent?	
<input type="checkbox"/> Nonprofit <input type="checkbox"/> Community group <input type="checkbox"/> Restaurant / Food Service <input type="checkbox"/> Professional Service <input type="checkbox"/> Retail <input type="checkbox"/> Other	
As a part of this activity, sketch specific details on the site plan that reflect the needs of the program you represent. All 8 squares. Note: a) Indicate changes b) Indicate new features c) Indicate new requirements d) Indicate new needs e) Indicate new opportunities	
BE THE ARCHITECT! 	

I AM A: PLAZA STAKEHOLDER	
<input type="checkbox"/> Resident	<input type="checkbox"/> Business Owner
<input type="checkbox"/> Developer	<input type="checkbox"/> Community Member
<input type="checkbox"/> Municipal Employee	<input type="checkbox"/> Other
What program stakeholder do you represent?	
<input type="checkbox"/> Nonprofit <input type="checkbox"/> Community group <input type="checkbox"/> Restaurant / Food Service <input type="checkbox"/> Professional Service <input type="checkbox"/> Retail <input type="checkbox"/> Other	
As a part of this activity, sketch specific details on the site plan that reflect the needs of the program you represent. All 8 squares. Note: a) Indicate changes b) Indicate new features c) Indicate new requirements d) Indicate new needs e) Indicate new opportunities	
BE THE ARCHITECT! 	

APPENDIX I: COMMUNITY ENGAGEMENT DATA

IN-PERSON COMMUNITY ENGAGEMENT WORKSHOP RESULTS

BE THE ARCHITECT OF YOUR INDIVIDUALITY

9. APPENDIX II: REFERENCES & CITATIONS

9. Appendix

References & Citations

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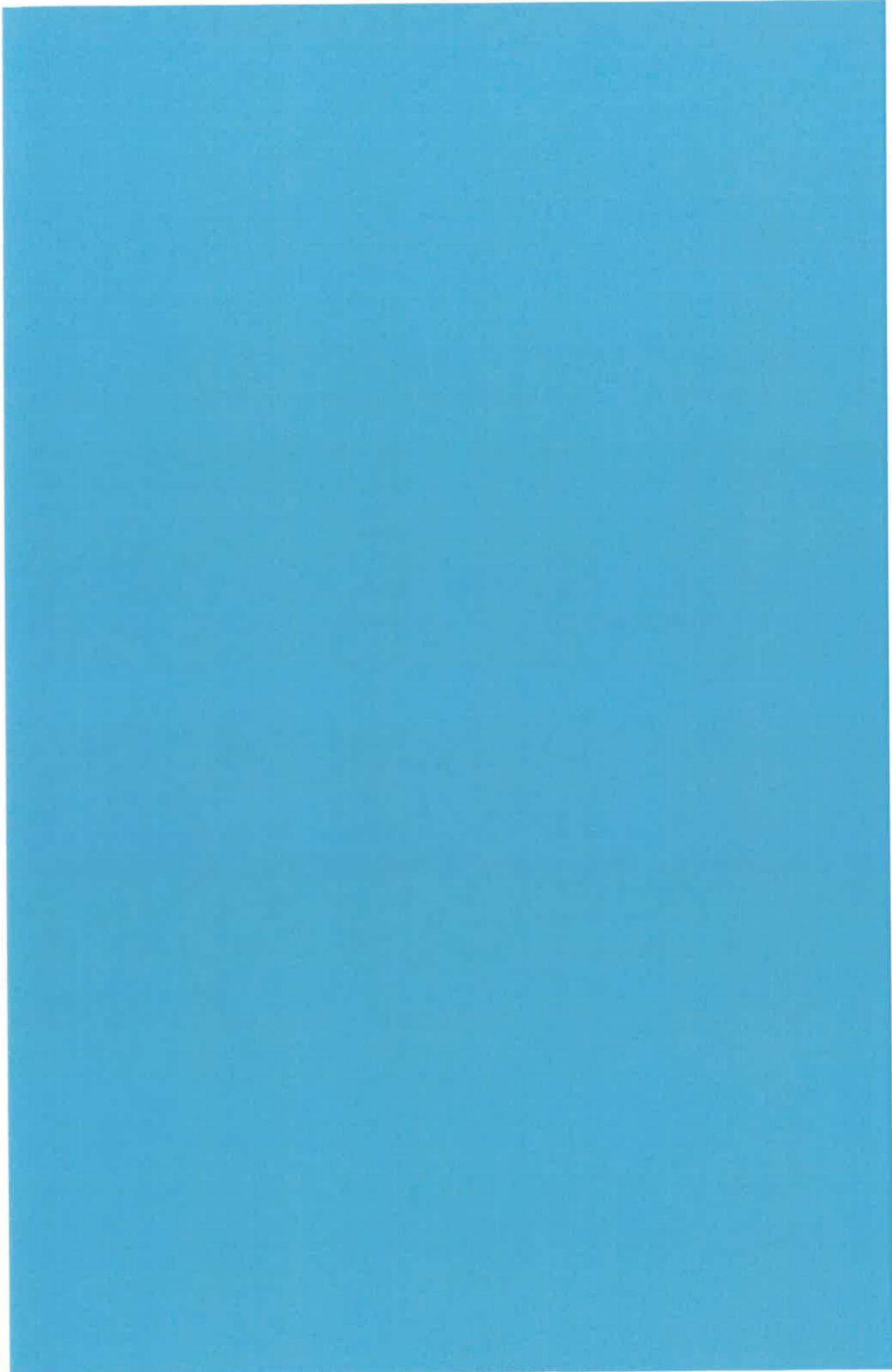
9. Appendix

References & Citations

APPENDIX

CITATIONS

1. Raynard, Shirley Paul. Middleton Historical Society. Images from America: Middleton. School Days, School Days, Dear Old Golden Rule Days. Page 99.
2. <https://earth.google.com/web/@42.59288034,-71.01399873,29.71877877a,235.01668554d,35y,97.01227535h,59.99855707t,0rdata=0gMKATA>
3. Middleton History: Schools Past and Present: <https://www.wickedlocal.com/story/chronicle-transcript/2014/09/03/history-middleton-schools-past-present/36540840007/>
4. Middleton History: Schools Past and Present: <https://www.wickedlocal.com/story/chronicle-transcript/2014/09/03/history-middleton-schools-past-present/36540840007/>
5. <https://www.middletonma.gov/>
6. Massachusetts Rivers Protection Act: <https://www.mass.gov/doc/about-the-massachusetts-rivers-protection-act/download#:~:text=The%20Rivers%20Protection%20Act%20Chapter,sides%20of%20rivers%20and%20streams>
7. FEMA: <https://www.fema.gov/glossary/zone-a>
8. Hard copy plans utilized by Studio Luz from the Assessor's Office. For more information, visit: <https://middletonma.gov/316/Board-of-Assessors>
9. Zoning map produced by CAI Technologies for the Town of Middleton, 2016. <https://www.middleton-mmc.com/design-development-phase>
10. <https://middleton-mmc.com/design-development-phase>
11. <https://villebridge.com/middleton>
12. <https://dbbasecompanies.com/portfolio/blu-haven/>



NUMBER MVII-14

FEE \$200.00

THE COMMONWEALTH OF MASSACHUSETTS

Town of Middleton
USED CAR DEALER'S LICENSE-CLASS II
TO BUY AND SELL SECOND HAND MOTOR VEHICLES

In accordance with the provisions of Chapter 140 of the General Laws with amends thereto Auto Export, Medi Shurdha, Manager is hereby licensed to buy and sell second-hand motor vehicles at No. 2 Lindberg Road on premises described as follows: **Restriction:** No storage of vehicles on the property or any other area in Town. No signs for advertisement.

Signed

July 9, 2024

THIS LICENSE EXPIRES DECEMBER 31, 2024.
THIS LICENSE MUST BE POSTED IN A CONSPICUOUS PLACE UPON THE PREMISES.

EXTRACT FROM GENERAL LAWS, CHAPTER 140

SECTION 57. No person, except one whose' principal business is the manufacture and sale of new motor vehicles but who incidentally acquires and sells second hand vehicles, or a person whose principal business is financing the purchase of or insuring motor vehicles but who incidentally acquires and sells second hand vehicles, shall engage in the business of buying, selling, exchanging or assembling second hand motor vehicles or parts thereof without securing a license as provided in section fifty-nine.

SECTION 58. Licenses granted under the following section shall be classified as follows:

Class 1. Any person. who is a recognized agent of a motor vehicle manufacturer or a seller of motor vehicle made by such manufacturer whose authority to sell the same is created by a written contract with such manufacturer or with some person authorized in writing by such manufacturer to enter into such contract, and whose principal business is the sale of new motor vehicles, the purchase and sale of second hand motor vehicles being incidental or secondary thereto, may be granted an agent's or a seller's license; provided, that with respect to second hand motor vehicles purchased for the purpose of sale or exchange and not taken in trade for new motor vehicles, such dealer shall be subject to all provisions of this chapter and of rules and regulations made in accordance therewith applicable to holders of licenses of class 2.

Class 2. Any person whose principal business is the buying and selling of second hand motor vehicles may be granted a used car dealer's license.

Class 3. Any person whose principal business is the buying of second hand motor vehicles for the purpose of remodeling, taking apart or rebuilding the same, or the buying or selling of parts of second hand motor vehicles or tires, or the assembling of second hand motor vehicle parts, may be granted a motor vehicle junk license.

SECTION 59. The police commissioner in Boston and the licensing authorities in other cities and towns may grant licenses under this section which shall expire on January first following the date of issue unless sooner revoked. The fees for the licenses shall be fixed by the licensing board or officer, but in no case shall exceed one hundred dollars. Application for license shall be made in such form as shall be approved by the registrar of motor vehicles, in sections fifty-nine to sixty-six, inclusive, called the registrar, and if the applicant has not held a license in the year prior to such application, such application shall be made in duplicate, which duplicate shall be filed with the registrar. No such license shall be granted unless the licensing board or officer is satisfied from an investigation of the facts stated in the application and any other information which they may require of the applicant, that he is a proper person to engage in the business specified in section fifty-eight in the classifications for which he has applied, that said business is or will be his principal business; and that he has available a place of business suitable for the purpose. The license shall specify all the premises to be occupied by the licensee for the purpose of carrying on the licensed business. Permits for a change of situation of the licensed premises or for additions thereto may be granted at any time by the licensing board or officer in writing, a copy of which shall be attached to the license. Cities and towns by ordinance or by-law may regulate the situation of the premises of licensees within class 3 as defined in section fifty-eight; and all licenses and permits issued hereunder to persons within said class 3 shall be subject to the provisions of ordinances and by-laws which are hereby authorized to be made. No license or permit shall be issued hereunder to a person within said class 3 until after a hearing, or which seven days' notice shall have been given to the owners of property abutting on the premises where such license or permit is proposed to be exercised. All licenses granted under this section shall be revoked by the licensing board or officer if it appears, after hearing, that the licensee is not complying with sections fifty-seven to sixty-nine, inclusive, or the rules and regulations made there under; and no new license shall be granted to such person thereafter, nor to any person for use on the same premises, without the approval of the registrar. The hearing may be dispensed with if the registrar notifies the licensing board or officer that a licensee is not so complying. Any person aggrieved by any action of the licensing board or officer refusing to grant, or revoking a license for any cause may, within ten days after such action, appeal there from to any justice of the superior court in the county in which the premises sought to be occupied under the license or permit applied for are located. The justice shall, after such notice to the parties as he deems reasonable, give a summary hearing on such appeal, and shall have jurisdiction in equity to review all questions of fact or law and may affirm or reverse the decision of the board or officer and may make any appropriate decree. The decision of the justice shall be final.

10/13/22 - Medi Shirdha called to state
he will not be renewing this
license. *D. Mahoney*

From: Deb Mahoney
To: "mshurdha@gmail.com"
Subject: Town of Middleton 2023 License Renewal
Date: Thursday, October 06, 2022 12:07:00 PM
Attachments:
1. [Renewal Letter to All License Holders 2023.pdf](#)
2. [Check list Other Licenses items to return 2023.pdf](#)
3. [Fee schedule for other licenses 2023.pdf](#)
4. [REAP certification.pdf](#)

For Auto Export

Enclosed please find information for the renewal of your license(s) for the coming year.

Please complete and attach forms here: <https://middletonma.gov/FormCenter/Licensing-12/License-Renewal-Application-for-2023-70>. Payment is also available online and will be automatically redirected once the form is completed or you may access by clicking here <https://unipaygold.unibank.com/CustomerInfo.aspx> (Town of Middleton - Select Board). Forms and payment may also be dropped off at the Town Administrator's Office, 48 South Main Street, 2nd Floor on Monday – Thursday between 9am – 1pm.

Pursuant to Massachusetts General Laws, Chapter 62C, Section 49A, you must certify under the penalties of perjury that you have filed all State tax returns and paid all State taxes required under law. With your signature, you must provide your Federal identification Number or Social Security Number.

A condition for license renewal includes verification that applicants are not in arrears in any taxes, rents, or assessments owed to the Town. This includes real estate taxes, electricity, sewer and water charges, excise taxes and personal property taxes due and payable as of November 1, 2022.

Provided the licenses are of the same type as the expiring licenses, cover the same premises, and meet the above conditions, they will be renewed for the next annual license period upon submission of the enclosed signed forms and payment of fee which is due no later than November 28, 2022. Your licenses will be mailed to you when the signed forms and license payments are received in our office.

The Select Board and the Town Administrator, Andrew Sheehan would like to take this opportunity to wish you happy holidays and much success in your business in 2023.

Sincerely,

Deb Mahoney
Administrative Assistant
Town of Middleton
48 South Main Street
Middleton, MA 01949
Phone: 978-777-3617
Email: deb.mahoney@middletonma.gov
Monday – Thursday 8:30am – 1pm

Please be advised the Office of the Secretary of State for the Commonwealth of Massachusetts has determined

Auto Export

\$200 + 1 @ cash 7/2/24

for renewal
2004

Town of Middleton, Massachusetts
Revenue Enforcement and Protection Certification (REAP)

Pursuant to Massachusetts General Laws, Chapter 62C, Section 49A, I hereby certify under the penalties of perjury that I to my best knowledge and belief, have filed all State tax returns and paid all state taxes required by law.

Name of Company: AUTO EXPORT

Address: 2 Lindberg Rd Middlesex MA 01849

Title of Person Signing:

Signature of Individual or Corporate Name: *Umesh Shrestha*

Printed Name of Above:

Contact Telephone Number: 978 335-5932

Date: 07-01-2024

Social Security Number or Federal Identification Number:

Email Address: lsharotha@gmail.com

All set w/^{local} texes as of 7/3/04



Council on Aging
Old Town Hall
38 Maple Street
Middleton, MA. 01949
978-777-4067
www.townofmiddleton.org

9a

June 18 2024

Board of Selectmen
48 South Main Street
Middleton, MA. 01949

Re: Middleton Food Bank Donation

Please add the following donation to your agenda for acceptance by the Board of Selectmen for the Middleton Food Pantry, and notify me when the check has been accepted so that it can then be deposited.

Thank you,

Jillian Smith

Jillian Smith
COA Director

A donation has been made payable to the Middleton Food Pantry:

Date: 6/18/24

Name: Francis Leary

Donation: \$1,000.00

Check Number 9219

This donor would like to remain anonymous

Yes

xx No



TOWN OF MIDDLETON

OFFICE OF THE TOWN ADMINISTRATOR

48 South Main Street, Middleton, MA 01949

Telephone (978) 777-3617
justin.sultzbach@middletonma.gov

TO: Select Board
FROM: Justin Sultzbach, Town Administrator
DATE: July 9th, 2024
RE: TEC Study – Rt 62 Memorial Hall

Board Members,

As you may recall, one element of the Memorial Hall study with Mass Development was the feasibility of passing Rt. 62 through the Memorial Hall parcel, connecting Boston Street to Maple St directly. Rather than a full-blown study, the board determined in a meeting this spring to enlist TEC to complete a origin destination assessment. As a starting point, this would better help us understand how many vehicles make that maneuver through Middleton Square, and in turn, indicate how much of an impact passing a road through the Memorial Hall parcel would have under present conditions.

This study (attached) focused on peak hour traffic volumes during weekday mornings and evening peak periods. On average, TEC found that Rt.62 Eastbound saw 113 vehicles per hour (vph), while Westbound saw 184 vph. In so many words, this means that up to 60% of Rt. 62 traffic is looking to cross Rt. 114 and continue on to Rt. 62 during these peak hours. TEC has outline two solutions that would provide relief, stressing a balance between cost and amount of measurable improvement.

Solution one would “improving the zig zag”, meaning studying ways to widen or otherwise improve the existing infrastructure. This could also include signalization improvements. Solution one would be more cost effective, but has limitations in terms of improvement. Solution two would explore the feasibility of a new road through the Memorial Hall parcel. This would have a more significant positive impact, however the logistics (financial and otherwise) will throw off the perceived cost/benefit of the exercise. I have asked TEC to provide an updated scope of work and cost proposal to explore solutions one and two, with this proposal to be brought forward at your August Select Board Meeting. If the Board has an appetite to explore this further, it would take TEC about 12 weeks to complete all necessary analysis and compile a report.



MEMORANDUM

TO: Justin Sultzbach, Town Manager
Town of Middleton
48 South Main Street
Middleton, MA 01949

FROM: Kevin R. Dandrade, P.E., PTOE
Principal

RE: Route 62 / 114 Origin-Destination Assessment
Middleton, Massachusetts

DATE: July 2, 2024

PROJECT NO.: T1510

TEC, Inc. (TEC) has been retained by the Town of Middleton to collect traffic data and assess the origin-destination trends for vehicle trips along Boston Road and Maple Street (both signed as Route 62) in the vicinity of North Main Street and South Main Street (both signed as Route 114).

TEC commissioned 12-hour traffic counts (7:00 AM to 7:00 PM) at the following intersections on Tuesday, June 4, 2024:

1. North Main Street / South Main Street (Rt 114) at Maple Street (Rt 62)
2. South Main Street (Rt 114) at Boston Street (Rt 62)

These turning movement counts (TMCs), which document the volume of traffic making every 'through' movement or intersection turn in 15-minute intervals throughout the course of the whole count period. The peak hours for the individual intersections vary slightly based on the total number of vehicles entering the two intersections during the morning and evening peak periods. The data show the following peak hour trends:

Intersection	Morning Peak Hour	Evening Peak Hour
1	7:00 AM to 8:00 AM	4:45 PM to 5:45 PM
2	7:45 AM to 8:45 AM	5:15 PM to 6:15 PM

The traffic volumes depicted in Figures 1 and 2 show the actual peak hour traffic volumes during the weekday morning and evening peak periods, respectively.

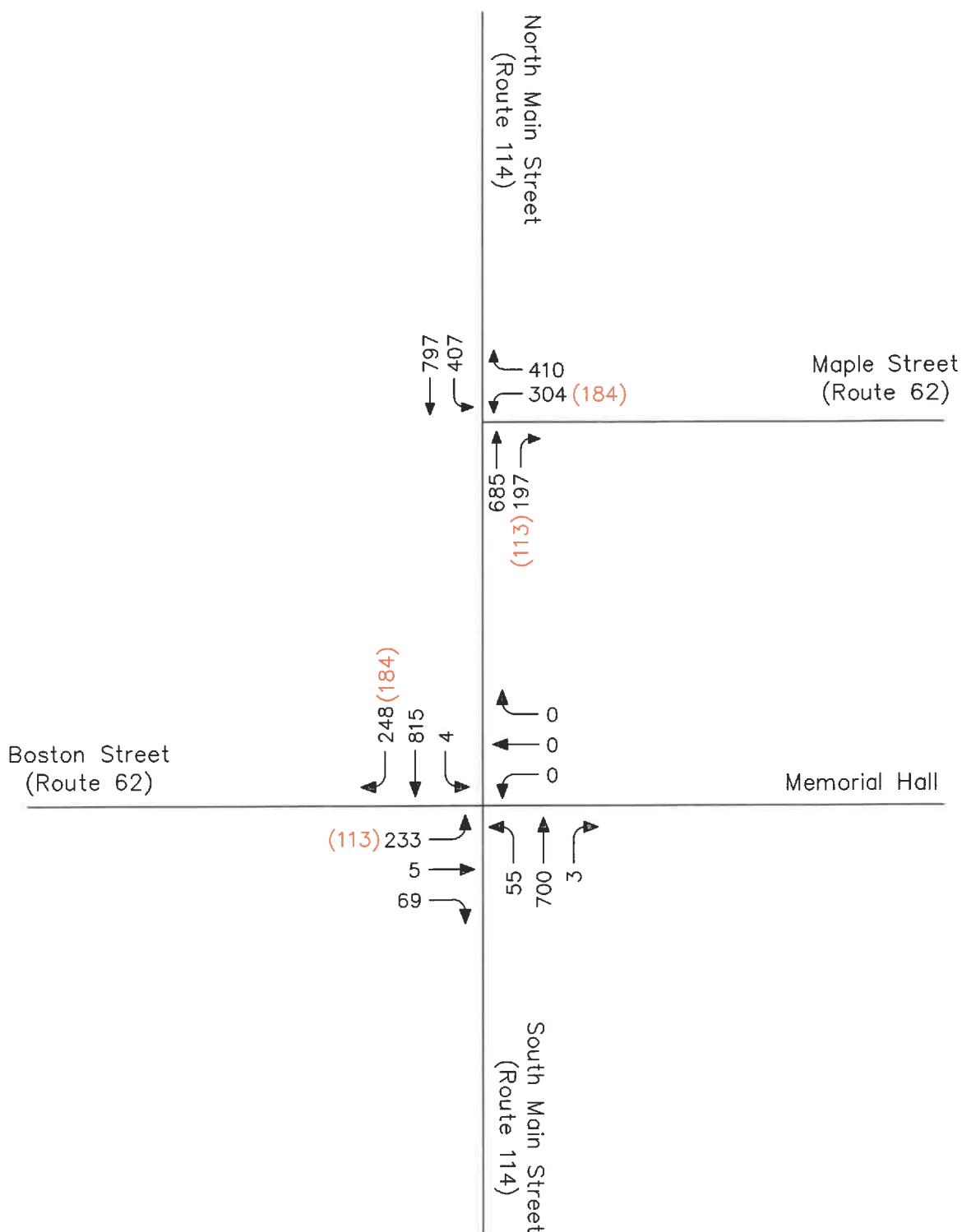
This data was supplemented with origin-destination counts during the peak commuter hours (7:00 AM to 9:00 AM and 4:00 PM to 6:00 PM) to assess the traffic that travels on Route 62 eastbound and westbound, turns at each intersection, traverse the short segment of South Main Street, and are effectively stay as 'through' vehicles on Route 62.

T:\T1510\Docs\Memos & Trans\TEC Memo_Rt
62-114_7-2-2024.docx



Not to Scale

Route 62/Route 114 - Middleton, Massachusetts
Origin-Destination Study



XXX(XXX) = Intersection Turning Volume Per Hour (Route 62 "Through" Cars Per Hour included in turn)

Figure 1

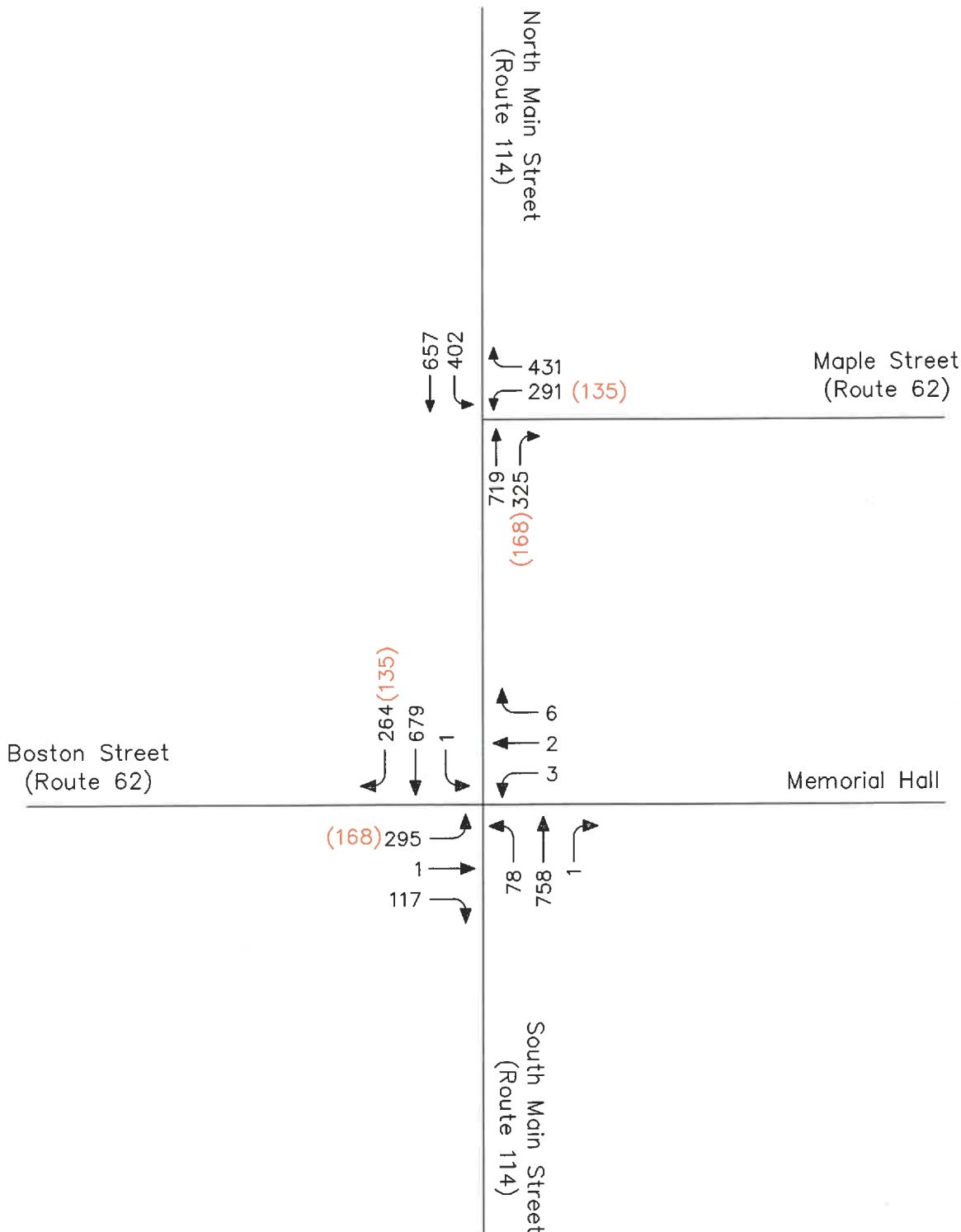
2024 Existing Conditions
Weekday Morning
Peak Hour Traffic Volumes



Not to Scale

Route 62/Route 114 - Middleton, Massachusetts

Origin-Destination Study



XXX(XXX) = Intersection Turning Volume Per Hour (Route 62 "Through" Cars Per Hour included in turn)

Figure 2

2024 Existing Conditions
Weekday Evening
Peak Hour Traffic Volumes



Route 62 / 114 Origin-Destination Assessment
 Middleton, Massachusetts
 July 2, 2024
 Page 4 of 4

The collected data, which is provided as an attachment to this memorandum, documented the following origin-destination trends for Route 62:

Direction of Travel	Morning Peak Hour		Evening Peak Hour	
	Volume	Percentage of Approaching Left-Turn Flow	Volume	Percentage of Approaching Left-Turn Flow
Route 62 Eastbound	113 vph	48.5%	168 vph	56.9%
Route 62 Westbound	184 vph	60.5%	135 vph	46.4%

Note: vph = vehicles per hour

As seen in the table above and Figures 1 and 2, the left-turn lanes on Boston Road (Route 62) eastbound and Maple Street (Route 62) westbound are comprised of up to 60% by vehicles that desire to continue along Route 62 and merely cross Route 114. If a consolidated (realigned) intersection for Route 62 existed, the intersection would have between 113 and 184 vehicles per hour that would use an eastbound-westbound 'through' lane and alleviate the volume of traffic within each corresponding left-turn lane.

This data may be helpful if the Town considers future roadway and intersection planning and design for this area.

Attachments:

- A – Turning Movement Counts (TMCs)
- B – Origin-Destination Count Data

Attachment A
Turning Movement Counts (TMCs)

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-001
 Date: 6/4/2024

Data - Total

NS/EW Streets:	SR 114/S/N Maint St					SR 114/S/N Maint St					SR 62/Maple St					SR 62/Maple St				
	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	0	1	0	1	0	0	TOTAL	
AM	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL			
7:00 AM	0	161	52	0	102	215	0	0	0	0	0	0	63	0	133	0	726			
7:15 AM	0	166	63	0	85	175	0	0	0	0	0	0	76	0	108	0	673			
7:30 AM	0	159	39	0	118	199	0	0	0	0	0	0	82	0	83	0	680			
7:45 AM	0	199	43	0	102	208	0	0	0	0	0	0	83	0	86	0	721			
8:00 AM	0	181	36	0	91	173	0	0	0	0	0	0	58	0	66	0	605			
8:15 AM	0	165	58	0	89	206	0	0	0	0	0	0	71	0	73	0	662			
8:30 AM	0	214	45	0	89	188	0	0	0	0	0	0	76	0	75	0	687			
8:45 AM	0	154	51	0	90	184	0	0	0	0	0	0	81	0	89	0	649			
9:00 AM	0	149	59	0	85	177	0	0	0	0	0	0	52	0	64	0	586			
9:15 AM	0	137	48	0	79	183	0	0	0	0	0	0	48	0	70	0	565			
9:30 AM	0	117	54	0	65	150	0	0	0	0	0	0	64	0	61	0	511			
9:45 AM	0	110	60	0	81	156	0	0	0	0	0	0	59	0	59	0	525			
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL			
APPROACH %'s :	0	1912	608	0	1076	2214	0	0	0	0	0	0	813	0	967	0	7590			
PEAK HR :					32.71%	67.29%	0.00%	0.00%					45.67%	0.00%	54.33%	0.00%				
PEAK HR VOL :	0	685	197	0	407	797	0	0	0	0	0	0	304	0	410	0	2800			
PEAK HR FACTOR :	0.000	0.861	0.782	0.000	0.862	0.927	0.000	0.000	0.000	0.000	0.000	0.000	0.916	0.000	0.771	0.000	0.964			
NOON	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	1	0	1	0	TOTAL			
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU				
10:00 AM	0	113	46	0	79	134	0	0	0	0	0	0	48	0	36	0	456			
10:15 AM	0	126	74	0	60	147	0	0	0	0	0	0	58	0	62	0	527			
10:30 AM	0	107	69	0	58	115	0	0	0	0	0	0	71	0	68	0	488			
10:45 AM	0	109	84	0	53	159	0	0	0	0	0	0	72	0	47	0	524			
11:00 AM	0	109	68	0	46	136	0	0	0	0	0	0	47	0	44	0	450			
11:15 AM	0	121	62	0	61	136	0	0	0	0	0	0	60	0	72	0	512			
11:30 AM	0	144	64	0	53	127	0	0	0	0	0	0	64	0	61	0	504			
11:45 AM	0	135	60	0	55	129	0	0	0	0	0	0	66	0	52	0	502			
12:00 PM	0	119	68	0	47	150	0	0	0	0	0	0	65	0	53	0	523			
12:15 PM	0	132	73	0	69	131	0	0	0	0	0	0	66	0	72	0	572			
12:30 PM	0	157	75	0	66	136	0	0	0	0	0	0	59	0	58	0	554			
12:45 PM	0	147	94	0	62	134	0	0	0	0	0	0	57	0	61	0	511			
1:00 PM	0	148	90	0	53	102	0	0	0	0	0	0	67	0	80	0	559			
1:15 PM	0	136	82	0	64	130	0	0	0	0	0	0	59	0	67	0	560			
1:30 PM	0	159	71	0	81	123	0	0	0	0	0	0	55	0	70	0	542			
1:45 PM	0	149	94	0	73	101	0	0	0	0	0	0	55	0	70	0				
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL			
APPROACH %'s :	0	2111	1174	0	980	2090	0	0	0	0	0	0	980	0	971	0	8306			
PEAK HR :					31.92%	68.08%	0.00%	0.00%					50.23%	0.00%	49.77%	0.00%				
PEAK HR VOL :	0	588	341	0	245	502	0	0	0	0	0	0	249	0	271	0	2196			
PEAK HR FACTOR :	0.000	0.936	0.907	0.000	0.928	0.923	0.000	0.000	0.000	0.000	0.000	0.000	0.929	0.000	0.847	0.000	0.960			
PM	NORTHBOUND					SOUTHBOUND					EASTBOUND					WESTBOUND				
	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	1	0	1	0	TOTAL			
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU				
2:00 PM	0	158	74	0	67	131	0	0	0	0	0	0	51	0	74	0	555			
2:15 PM	0	137	58	0	87	144	0	0	0	0	0	0	57	0	99	0	582			
2:30 PM	0	151	78	0	72	147	0	0	0	0	0	0	54	0	121	0	623			
2:45 PM	0	167	70	0	86	150	0	0	0	0	0	0	64	0	102	0	639			
3:00 PM	0	172	75	0	64	184	0	0	0	0	0	0	68	0	86	0	649			
3:15 PM	0	148	76	0	94	173	0	0	0	0	0	0	63	0	125	0	679			
3:30 PM	0	148	93	0	104	170	0	0	0	0	0	0	60	0	96	0	671			
3:45 PM	0	206	79	0	91	155	0	0	0	0	0	0	70	0	107	0	708			
4:00 PM	0	174	70	0	97	168	0	0	0	0	0	0	61	0	107	0	677			
4:15 PM	0	178	69	0	92	175	0	0	0	0	0	0	53	0	120	0	687			
4:30 PM	0	183	75	0	94	163	0	0	0	0	0	0	55	0	98	0	668			
4:45 PM	0	176	68	0	101	158	0	0	0	0	0	0	68	0	97	0	668			
5:00 PM	0	162	83	0	95	155	0	0	0	0	0	0	81	0	116	0	692			
5:15 PM	0	191	93	0	93	179	0	0	0	0	0	0	75	0	115	0	746			
5:30 PM	0	190	81	0	113	165	0	0	0	0	0	0	67	0	103	0	719			
5:45 PM	0	179	86	0	106	140	0	0	0	0	0	0	68	0	78	0	657			
6:00 PM	0	156	70	0	103	162	0	0	0	0	0	0	71	0	93	0	655			
6:15 PM	0	149	70	0	93	159	0	0	0	0	0	0	57	0	64	0	592			
6:30 PM	0	135	74	0	61	132	0	0	0	0	0	0	61	0	57	0	520			
6:45 PM	0	145	74	0	50	114	0	0	0	0	0	0	46	0	57	0	486			
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL			
APPROACH %'s :	0	3305	1516	0	1763	3124	0	0	0	0	0	0	1250	0	1915	0	12873			
PEAK HR :					36.08%	63.92%	0.00%	0.00%					39.49%	0.00%	60.51%	0.00%				
PEAK HR VOL :	0	719	325	0	402	657	0	0	0	0	0	0	291	0	431	0	2825			
PEAK HR FACTOR :	0.000	0.941	0.874	0.000	0.889	0.918	0.000	0.000	0.000	0.000	0.000	0.000	0.898	0.000	0.929	0.000	0.947			

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
City: Middleton
Control: Signalized

Project ID: 24-430097-001
Date: 6/4/2024

Data - Cars

NS/EW Streets:	SR 114/S/N Maint St				SR 114/S/N Maint St				SR 62/Maple St				SR 62/Maple St					
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND					
AM	0	1.5	0.5	0	0.5	1.5	0	0	0	0	1	0	1	0	0	TOTAL		
NL	NT	NR	NU		SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU		
7:00 AM	0	150	44	0	95	211	0	0	0	0	0	0	61	0	130	0	691	
7:15 AM	0	156	60	0	78	164	0	0	0	0	0	0	75	0	106	0	639	
7:30 AM	0	141	37	0	109	185	0	0	0	0	0	0	77	0	78	0	627	
7:45 AM	0	182	41	0	99	195	0	0	0	0	0	0	77	0	84	0	678	
8:00 AM	0	169	35	0	86	158	0	0	0	0	0	0	56	0	65	0	569	
8:15 AM	0	152	56	0	85	192	0	0	0	0	0	0	67	0	71	0	623	
8:30 AM	0	192	44	0	88	174	0	0	0	0	0	0	74	0	73	0	645	
8:45 AM	0	149	49	0	88	176	0	0	0	0	0	0	78	0	85	0	625	
9:00 AM	0	139	58	0	79	169	0	0	0	0	0	0	48	0	59	0	552	
9:15 AM	0	128	46	0	78	177	0	0	0	0	0	0	47	0	64	0	540	
9:30 AM	0	106	54	0	61	136	0	0	0	0	0	0	62	0	55	0	474	
9:45 AM	0	101	55	0	79	147	0	0	0	0	0	0	57	0	57	0	496	
TOTAL VOLUMES :	0	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0.00%	17.65	579	0	1025	2084	0	0	0	0	0	0	779	0	927	0	7159	
PEAK HR :	0.00%	75.30%	24.70%	0.00%	32.97%	67.03%	0.00%	0.00%	45.66%	0.00%	54.34%	0.00%	0	0	0	0	TOTAL	
PEAK HR VOL :	0	629	182	0	381	755	0	0	0	0	0	0	290	0	398	0	2635	
PEAK HR FACTOR :	0.000	0.864	0.758	0.000	0.874	0.895	0.000	0.000	0.942	0.000	0.765	0.000	0.901	0.953	0.953	0.953	0.953	
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND					
	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	1	0	1	0	TOTAL	
NL	NT	NR	NU		SL	ST	SR	SU	EL	ET	FR	EU	WL	WT	WR	WU	TOTAL	
10:00 AM	0	103	45	0	73	126	0	0	0	0	0	0	45	0	32	0	424	
10:15 AM	0	118	71	0	56	131	0	0	0	0	0	0	58	0	57	0	491	
10:30 AM	0	97	69	0	50	104	0	0	0	0	0	0	67	0	62	0	449	
10:45 AM	0	98	80	0	48	156	0	0	0	0	0	0	71	0	42	0	495	
11:00 AM	0	98	65	0	42	121	0	0	0	0	0	0	45	0	40	0	411	
11:15 AM	0	107	60	0	59	132	0	0	0	0	0	0	57	0	68	0	483	
11:30 AM	0	130	59	0	51	117	0	0	0	0	0	0	63	0	61	0	481	
11:45 AM	0	125	59	0	53	120	0	0	0	0	0	0	61	0	55	0	473	
12:00 PM	0	115	66	0	46	130	0	0	0	0	0	0	63	0	45	0	465	
12:15 PM	0	125	69	0	63	124	0	0	0	0	0	0	60	0	49	0	490	
12:30 PM	0	143	74	0	65	127	0	0	0	0	0	0	62	0	71	0	542	
12:45 PM	0	137	93	0	61	127	0	0	0	0	0	0	58	0	52	0	528	
1:00 PM	0	134	87	0	46	94	0	0	0	0	0	0	52	0	57	0	470	
1:15 PM	0	133	78	0	63	121	0	0	0	0	0	0	65	0	77	0	537	
1:30 PM	0	145	69	0	78	117	0	0	0	0	0	0	58	0	63	0	530	
1:45 PM	0	143	92	0	67	94	0	0	0	0	0	0	53	0	69	0	518	
TOTAL VOLUMES :	0	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0.00%	1951	1136	0	921	1941	0	0	0	0	0	0	938	0	900	0	7787	
PEAK HR :	0.00%	63.20%	36.80%	0.00%	32.18%	67.82%	0.00%	0.00%	51.03%	0.00%	48.97%	0.00%	0	0	0	0	TOTAL	
PEAK HR VOL :	0	547	332	0	235	469	0	0	0	0	0	0	237	0	257	0	2077	
PEAK HR FACTOR :	0.000	0.956	0.892	0.000	0.904	0.923	0.000	0.000	0.912	0.000	0.834	0.000	0.870	0.958	0.958	0.958	0.958	
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND					
	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	1	0	1	0	TOTAL	
NL	NT	NR	NU		SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
2:00 PM	0	151	70	0	63	118	0	0	0	0	0	0	47	0	68	0	517	
2:15 PM	0	132	55	0	85	135	0	0	0	0	0	0	57	0	96	0	560	
2:30 PM	0	142	69	0	70	138	0	0	0	0	0	0	49	0	117	0	585	
2:45 PM	0	157	68	0	84	138	0	0	0	0	0	0	61	0	94	0	602	
3:00 PM	0	164	75	0	60	169	0	0	0	0	0	0	65	0	81	0	614	
3:15 PM	0	141	73	0	91	164	0	0	0	0	0	0	57	0	91	0	647	
3:30 PM	0	142	90	0	103	164	0	0	0	0	0	0	70	0	104	0	680	
3:45 PM	0	198	75	0	88	145	0	0	0	0	0	0	59	0	105	0	660	
4:00 PM	0	169	67	0	95	165	0	0	0	0	0	0	50	0	113	0	663	
4:15 PM	0	174	65	0	91	170	0	0	0	0	0	0	55	0	93	0	645	
4:30 PM	0	176	75	0	93	153	0	0	0	0	0	0	66	0	95	0	651	
4:45 PM	0	173	66	0	100	151	0	0	0	0	0	0	74	0	107	0	677	
5:00 PM	0	154	81	0	94	152	0	0	0	0	0	0	80	0	116	0	723	
5:15 PM	0	186	91	0	92	173	0	0	0	0	0	0	67	0	99	0	697	
5:30 PM	0	182	81	0	109	159	0	0	0	0	0	0	68	0	91	0	640	
5:45 PM	0	176	85	0	103	134	0	0	0	0	0	0	64	0	64	0	634	
6:00 PM	0	150	68	0	102	155	0	0	0	0	0	0	60	0	56	0	514	
6:15 PM	0	145	70	0	93	154	0	0	0	0	0	0	54	0	64	0	580	
6:30 PM	0	133	74	0	60	131	0	0	0	0	0	0	60	0	56	0	514	
6:45 PM	0	141	71	0	50	114	0	0	0	0	0	0	44	0	56	0	476	
TOTAL VOLUMES :	0	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	0.00%	3186	1469	0	1726	2982	0	0	39.69%	0.00%	60.31%	0.00%	0	0	12412	0	12412	
PEAK HR :	0.00%	68.44%	31.56%	0.00%	36.66%	63.34%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	287	0	417	0	2748	
PEAK HR VOL :	0	695	319	0	395	635	0	0	0.000	0.000	0.000	0.000	0.897	0.000	0.899	0.000	0.950	
PEAK HR FACTOR :	0.000	0.934	0.876	0.000	0.906	0.918	0.000	0.000	0.915	0.961	0.000	0.000	0.898	0.000	0.899	0.000	0.950	

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
City: Middleton
Control: Signalized

Project ID: 24-430097-001
Date: 6/4/2024

Data - Buses

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-001
 Date: 6/4/2024

Data - Duals

NS/EW Streets:	SR 114/S/N Maint St				SR 114/S/N Maint St				SR 62/Maple St				SR 62/Maple St				
	0 NL	1.5 NT	0.5 NR	0 NU	0.5 SL	1.5 ST	0 SR	0 SU	0 EL	0 ET	0 ER	0 EU	1 WL	0 WT	1 WR	0 WU	Total
AM																	
7:00 AM	0	7	5	0	0	7	4	0	0	0	0	0	2	0	0	0	
7:15 AM	0	4	2	0	0	5	7	0	0	0	0	0	1	0	1	0	
7:30 AM	0	11	2	0	0	5	9	0	0	0	0	0	4	0	2	0	
7:45 AM	0	11	2	0	0	3	7	0	0	0	0	0	4	0	2	0	
8:00 AM	0	9	1	0	0	4	6	0	0	0	0	0	1	0	1	0	
8:15 AM	0	7	2	0	0	4	10	0	0	0	0	0	2	0	1	0	
8:30 AM	0	17	0	0	0	1	7	0	0	0	0	0	1	0	2	0	
8:45 AM	0	4	2	0	0	2	4	0	0	0	0	0	3	0	3	0	
9:00 AM	0	6	1	0	0	3	7	0	0	0	0	0	4	0	2	0	
9:15 AM	0	5	1	0	0	0	4	0	0	0	0	0	1	0	5	0	
9:30 AM	0	9	0	0	0	2	11	0	0	0	0	0	2	0	4	0	
9:45 AM	0	6	3	0	0	2	6	0	0	0	0	0	2	0	2	0	
TOTAL VOLUMES :	0	96	21	0	38	82	0	0	0	0	0	0	51.92%	0.00%	48.08%	0.00%	289
APPROACH %'s :	0.00%	82.05%	17.95%	0.00%	31.67%	68.33%	0.00%	0.00%									TOTAL
PEAK HR :	07:00 AM - 08:00 AM																
PEAK HR VOL :	0	33	11	0	20	27	0	0	0	0	0	0	11	0	5	0	107
PEAK HR FACTOR :	0.000	0.750	0.550	0.000	0.714	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.688	0.000	0.625	0.000	0.811
NOON																	
10:00 AM	0	6	1	0	0	6	6	0	0	0	0	0	2	0	4	0	25
10:15 AM	0	6	3	0	0	3	10	0	0	0	0	0	3	0	3	0	27
10:30 AM	0	9	0	0	0	5	7	0	0	0	0	0	1	0	5	0	25
10:45 AM	0	8	4	0	0	4	3	0	0	0	0	0	2	0	3	0	32
11:00 AM	0	9	3	0	0	3	12	0	0	0	0	0	2	0	3	0	24
11:15 AM	0	12	2	0	0	2	3	0	0	0	0	0	5	0	0	0	32
11:30 AM	0	12	3	0	0	2	8	0	0	0	0	0	2	0	4	0	20
11:45 AM	0	4	1	0	0	1	7	0	0	0	0	0	3	0	4	0	20
12:00 PM	0	1	2	0	0	1	9	0	0	0	0	0	2	0	4	0	19
12:15 PM	0	6	4	0	0	6	1	0	0	0	0	0	3	0	4	0	24
12:30 PM	0	6	1	0	0	0	7	0	0	0	0	0	4	0	1	0	19
12:45 PM	0	7	1	0	0	1	7	0	0	0	0	0	0	0	6	0	22
1:00 PM	0	7	2	0	0	5	6	0	0	0	0	0	5	0	3	0	28
1:15 PM	0	2	4	0	0	1	7	0	0	0	0	0	2	0	3	0	19
1:30 PM	0	10	2	0	0	3	5	0	0	0	0	0	1	0	3	0	24
1:45 PM	0	4	2	0	0	4	6	0	0	0	0	0	2	0	1	0	19
TOTAL VOLUMES :	0	109	35	0	47	104	0	0	0	0	0	0	34	0	56	0	385
APPROACH %'s :	0.00%	75.69%	24.31%	0.00%	31.13%	68.87%	0.00%	0.00%					37.78%	0.00%	62.22%	0.00%	
PEAK HR :	12:30 PM - 01:30 PM																
PEAK HR VOL :	0	22	8	0	7	27	0	0	0	0	0	0	11	0	13	0	88
PEAK HR FACTOR :	0.000	0.786	0.500	0.000	0.350	0.964	0.000	0.000	0.000	0.000	0.000	0.000	0.550	0.000	0.542	0.000	0.786
PM																	
2:00 PM	0	1.5	0.5	0	0.5	1.5	0	0	0	0	0	0	1	0	1	0	28
2:15 PM	0	4	2	0	0	2	5	0	0	0	0	0	2	0	4	0	15
2:30 PM	0	7	9	0	0	2	7	0	0	0	0	0	2	0	4	0	31
2:45 PM	0	8	1	0	0	2	8	0	0	0	0	0	2	0	3	0	24
3:00 PM	0	3	0	0	0	4	6	0	0	0	0	0	2	0	4	0	19
3:15 PM	0	2	0	0	0	1	4	0	0	0	0	0	3	0	6	0	16
3:30 PM	0	5	1	0	0	1	4	0	0	0	0	0	3	0	2	0	16
3:45 PM	0	7	2	0	0	2	7	0	0	0	0	0	0	0	2	0	20
4:00 PM	0	3	2	0	0	2	2	0	0	0	0	0	1	0	0	0	10
4:15 PM	0	2	3	0	0	1	4	0	0	0	0	0	2	0	6	0	18
4:30 PM	0	4	0	0	0	1	6	0	0	0	0	0	0	0	4	0	15
4:45 PM	0	3	1	0	0	1	3	0	0	0	0	0	0	0	1	0	9
5:00 PM	0	4	2	0	0	0	2	0	0	0	0	0	1	0	0	0	7
5:15 PM	0	3	1	0	0	0	1	0	0	0	0	0	2	0	0	0	5
5:30 PM	0	6	0	0	0	3	4	0	0	0	0	0	0	0	4	0	17
5:45 PM	0	3	1	0	0	1	5	0	0	0	0	0	1	0	2	0	13
6:00 PM	0	5	1	0	0	1	7	0	0	0	0	0	3	0	1	0	18
6:15 PM	0	3	0	0	0	0	4	0	0	0	0	0	2	0	0	0	9
6:30 PM	0	1	0	0	0	1	1	0	0	0	0	0	1	0	1	0	5
6:45 PM	0	1	2	0	0	0	0	0	0	0	0	0	2	0	1	0	6
TOTAL VOLUMES :	0	78	30	0	29	89	0	0	0	0	0	0	29	0	50	0	305
APPROACH %'s :	0.00%	72.22%	27.78%	0.00%	24.58%	75.42%	0.00%	0.00%					36.71%	0.00%	63.29%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																
PEAK HR VOL :	0	16	4	0	4	10	0	0	0	0	0	0	1	0	7	0	42
PEAK HR FACTOR :	0.000	0.667	0.500	0.000	0.333	0.625	0.000	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.438	0.000	0.618

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-001
 Date: 6/4/2024

Data - TTST

NS/EW Streets:	SR 114/S/N Maint St				SR 114/S/N Maint St				SR 62/Maple St				SR 62/Maple St						
	NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND		NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND				
AM	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
7:00 AM	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	7	
7:15 AM	0	5	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	9	
7:30 AM	0	6	0	0	0	2	3	0	0	0	0	0	0	0	0	1	0	12	
7:45 AM	0	6	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	11	
8:00 AM	0	3	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	10	
8:15 AM	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	6	
8:30 AM	0	2	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	5	
8:45 AM	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0	1	0	6	
9:00 AM	0	3	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	9	
9:15 AM	0	4	1	0	0	1	2	0	0	0	0	0	0	0	0	0	1	0	
9:30 AM	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	7	
9:45 AM	0	3	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	8	
TOTAL VOLUMES :	0	38	6	0	6	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
APPROACH %'s :	0.00%	86.36%	13.64%	0.00%	13.33%	86.67%	0.00%	0.00%										100	
PEAK HR :	07:00 AM - 08:00 AM																	TOTAL	
PEAK HR VOL :	0	19	2	0	2	0.250	0.550	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.417	0.000	0.813	
PEAK HR FACTOR :	0.000	0.792	0.250	0.000	0.875														
NOON	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
10:00 AM	0	3	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	6	
10:15 AM	0	2	0	0	0	1	4	0	0	0	0	0	0	0	0	1	0	8	
10:30 AM	0	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	9	
10:45 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	
11:00 AM	0	2	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	6	
11:15 AM	0	2	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	5	
11:30 AM	0	2	1	0	0	0	2	0	0	0	0	0	0	0	1	0	0	8	
11:45 AM	0	6	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	11	
12:00 PM	0	3	0	0	0	0	3	0	0	0	0	0	0	0	1	0	0	8	
12:15 PM	0	1	0	0	0	0	6	0	0	0	0	0	0	0	1	0	0	8	
12:30 PM	0	7	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	10	
12:45 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
1:00 PM	0	5	1	0	0	2	2	0	0	0	0	0	0	0	0	0	0	11	
1:15 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2	
1:30 PM	0	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5	
1:45 PM	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	3	
TOTAL VOLUMES :	0	41	2	0	9	33	0	0	0	0	0	0	0	7	0	13	0	105	
APPROACH %'s :	0.00%	95.35%	4.65%	0.00%	21.43%	78.57%	0.00%	0.00%										TOTAL	
PEAK HR :	12:30 PM - 01:30 PM																	TOTAL	
PEAK HR VOL :	0	14	1	0	3	0.375	0.750	0.000	0.000	0.000	0	0	0	1	0	1	0	26	
PEAK HR FACTOR :	0.000	0.500	0.250	0.000	0.536											0.500	0.000	0.591	
PM	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
2:00 PM	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	7	
2:15 PM	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	5	
2:30 PM	0	2	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	5	
2:45 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0	4	
3:00 PM	0	3	0	0	0	0	6	0	0	0	0	0	0	0	1	0	0	11	
3:15 PM	0	3	1	0	0	2	3	0	0	0	0	0	0	0	0	0	0	9	
3:30 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	3	0	5	
3:45 PM	0	1	1	0	0	1	3	0	0	0	0	0	0	0	0	1	0	7	
4:00 PM	0	2	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	4	
4:15 PM	0	2	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	5	
4:30 PM	0	3	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	7	
4:45 PM	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	2	0	5	
5:00 PM	0	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	14	
5:15 PM	0	2	1	0	0	0	4	0	0	0	0	0	0	0	0	1	0	4	
5:30 PM	0	2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	4	
5:45 PM	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	1	0	3	
6:00 PM	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
6:15 PM	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
6:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
6:45 PM	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
TOTAL VOLUMES :	0	34	6	0	6	41	0	0	0	0	0	0	0	8	0	19	0	114	
APPROACH %'s :	0.00%	85.00%	15.00%	0.00%	12.77%	87.23%	0.00%	0.00%										TOTAL	
PEAK HR :	04:45 PM - 05:45 PM																	TOTAL	
PEAK HR VOL :	0	8	1	0	1	0.250	0.625	0.000	0.000	0.000	0	0	0	0	3	0	7	0	30
PEAK HR FACTOR :	0.000	0.500	0.250	0.000	0.563											0.357	0.000	0.292	0.000

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-001
 Date: 6/4/2024

Data - Bikes

NS/EW Streets:	SR 114/S/N Maint St				SR 114/S/N Maint St				SR 62/Maple St				SR 62/Maple St					
	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND					
AM	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9:15 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0	0	0	0	0.00%	0.00%	100.00%	0.00%	5	
PEAK HR :	07:45 AM - 08:45 AM																TOTAL	
PEAK HR VOL :	0	0	0	0	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	
NOON	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00 AM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
APPROACH %'s :	0.00%	0.00%	100.00%	0.00%	0	0	0	0	0	0	0	0	0.00%	0.00%	50.00%	50.00%	5	
PEAK HR :	12:30 PM - 01:30 PM																TOTAL	
PEAK HR VOL :	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.250	
PM	0	1.5	0.5	0	0.5	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
2:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3:30 PM	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
4:15 PM	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	5
4:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
5:00 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
5:30 PM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
5:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
6:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL	
APPROACH %'s :	0.00%	11	3	0	2	4	0	0	0	0	0	0	6	0	0	0	28	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL	
PEAK HR VOL :	0	4	0	0	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.000	2	0	2	0	9	
PEAK HR FACTOR :	0.000	0.500	0.000	0.000	0.500	0.000	0.250	0.000	0.000	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.563	

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S/N Maint St & SR 62/Maple St
City: Middleton

Project ID: 24-430097-001
Date: 6/4/2024

Data - Pedestrians (Crosswalks)

NS/EW Streets:		SR 114/S/N Maint St		SR 114/S/N Maint St		SR 62/Maple St		SR 62/Maple St		TOTAL	
AM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG				
	EB	WB	EB	WB	NB	SB	NB	SB			
7:00 AM	0	0	1	0	1	0	0	0	2		
7:15 AM	0	0	0	0	0	0	0	0	0		
7:30 AM	0	0	0	0	0	0	0	0	0		
7:45 AM	0	0	0	0	0	0	0	0	0		
8:00 AM	0	0	0	0	0	0	0	0	0		
8:15 AM	0	0	0	0	3	0	0	0	3		
8:30 AM	0	0	0	0	0	1	0	0	1		
8:45 AM	0	0	1	0	0	0	0	0	1		
9:00 AM	0	0	0	2	0	0	0	0	2		
9:15 AM	0	0	1	0	0	0	0	0	1		
9:30 AM	0	0	1	0	0	0	0	0	1		
9:45 AM	0	0	0	1	0	0	0	0	1		
TOTAL VOLUMES : APPROACH %'s :	EB 0	WB 0	EB 4	WB 3	NB 57.14%	SB 42.86%	NB 80.00%	SB 20.00%	TOTAL 12		
PEAK HR :	07:00 AM - 08:00 AM								TOTAL		
PEAK HR VOL :	0		1		1		0		2		
PEAK HR FACTOR :	0.250		0.250		0.250		0.250		0.250		
NOON		NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL	
NOON	EB		WB		EB		NB		SB		
	10:00 AM	0	0	0	0	0	0	0	0	0	
10:15 AM	0	0	0	0	0	0	0	0	0	0	
10:30 AM	0	0	0	0	0	0	0	0	0	0	
10:45 AM	0	0	0	0	0	0	0	0	0	0	
11:00 AM	0	0	0	0	0	0	0	0	0	0	
11:15 AM	0	0	0	0	0	0	0	0	0	0	
11:30 AM	0	0	0	0	0	0	0	0	0	0	
11:45 AM	0	0	0	0	0	0	0	0	0	0	
12:00 PM	0	0	0	0	0	0	0	0	0	0	
12:15 PM	0	0	0	0	0	0	0	0	0	0	
12:30 PM	0	0	0	0	0	0	0	0	0	0	
12:45 PM	0	0	0	0	0	0	0	0	0	0	
1:00 PM	0	0	0	0	0	0	0	0	0	0	
1:15 PM	0	0	0	0	0	0	0	0	0	0	
1:30 PM	0	0	0	0	0	0	0	0	0	0	
1:45 PM	0	0	0	0	1	0	0	0	0	1	
TOTAL VOLUMES : APPROACH %'s :	EB 0	WB 0	EB 0	WB 0	NB 1	SB 0	NB 100.00%	SB 0.00%	TOTAL 1		
PEAK HR :	12:30 PM - 01:30 PM								TOTAL		
PEAK HR VOL :	0		0		0		0		0		
PEAK HR FACTOR :									0		
PM		NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL	
PM	EB		WB		EB		NB		SB		
2:00 PM	0	0	0	0	0	0	0	0	0	0	
2:15 PM	0	0	0	0	0	0	0	0	0	0	
2:30 PM	0	0	0	0	0	0	0	0	0	0	
2:45 PM	0	0	0	0	0	0	0	0	0	0	
3:00 PM	0	0	0	0	0	0	0	0	0	0	
3:15 PM	0	0	0	0	0	0	0	0	0	0	
3:30 PM	0	0	0	0	0	0	0	0	0	0	
3:45 PM	0	0	0	0	0	0	0	0	0	0	
4:00 PM	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	0	1	0	1	
4:45 PM	0	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	0	
6:45 PM	0	0	3	3	0	0	0	0	0	6	
TOTAL VOLUMES : APPROACH %'s :	EB 0	WB 0	EB 3	WB 3	NB 0	SB 1	NB 0.00%	SB 100.00%	TOTAL 7		
PEAK HR :	04:45 PM - 05:45 PM								TOTAL		
PEAK HR VOL :	0		0		0		0		0		
PEAK HR FACTOR :									0		

Groups Printed - Cars, PU, Vans - Heavy Trucks																									
Start Time	SR 114/SIN Maint St Northbound					SR 114/SIN Maint St Southbound					SR 62/Maple St Eastbound					SR 62/Maple St Westbound									
	Left	Thru	Rgt	Uturn	Peds	App Total	Left	Thru	Rgt	Uturn	Peds	App Total	Left	Thru	Rgt	Uturn	Peds	App Total	Left	Thru	Rgt	Uturn	Peds	App Total	Int. Total
7:00 AM	0	161	52	0	1	213	102	215	0	0	0	317	0	0	0	0	0	63	0	133	0	1	196	726	
7:15 AM	0	166	63	0	0	229	85	175	0	0	0	260	0	0	0	0	0	76	0	108	0	0	184	673	
7:30 AM	0	159	39	0	0	188	118	198	0	0	0	317	0	0	0	0	0	82	0	83	0	0	165	680	
7:45 AM	0	199	43	0	0	242	102	208	0	0	0	310	0	0	0	0	0	83	0	86	0	0	168	721	
Total	0	685	197	0	1	882	407	797	0	0	0	1204	0	0	0	0	0	304	0	410	0	1	714	2800	
8:00 AM	0	181	36	0	0	217	91	173	0	0	0	264	0	0	0	0	0	58	0	66	0	0	124	605	
8:15 AM	0	165	58	0	0	223	69	206	0	0	0	295	0	0	0	0	0	71	0	73	0	3	144	662	
8:30 AM	0	214	45	0	0	259	89	188	0	0	0	277	0	0	0	0	0	76	0	75	0	1	151	687	
8:45 AM	0	154	51	0	1	205	90	184	0	0	0	274	0	0	0	0	0	81	0	89	0	0	170	649	
Total	0	714	190	0	1	904	359	751	0	0	0	1110	0	0	0	0	0	286	0	303	0	4	589	2603	
9:00 AM	0	149	59	0	2	205	85	177	0	0	0	282	0	0	0	0	0	52	0	64	0	0	116	586	
9:15 AM	0	137	48	0	1	185	79	183	0	0	0	262	0	0	0	0	0	48	0	70	0	0	118	565	
9:30 AM	0	117	54	0	1	171	65	150	0	0	0	215	0	0	0	0	0	64	0	61	0	0	125	511	
9:45 AM	0	110	60	0	1	170	81	156	0	0	0	237	0	0	0	0	0	59	0	59	0	0	118	525	
Total	0	513	221	0	5	734	310	666	0	0	0	976	0	0	0	0	0	223	0	254	0	0	477	2187	
BREAK																									
10:00 AM	0	113	46	0	0	159	79	134	0	0	0	213	0	0	0	0	0	48	0	36	0	0	84	456	
10:15 AM	0	126	74	0	0	200	60	147	0	0	0	207	0	0	0	0	0	58	0	62	0	0	120	527	
10:30 AM	0	107	69	0	0	176	58	115	0	0	0	173	0	0	0	0	0	71	0	68	0	0	139	488	
10:45 AM	0	109	84	0	0	193	53	159	0	0	0	212	0	0	0	0	0	72	0	47	0	0	119	524	
Total	0	455	273	0	0	728	250	555	0	0	0	805	0	0	0	0	0	249	0	213	0	0	462	1995	
11:00 AM	0	109	68	0	0	177	48	136	0	0	0	182	0	0	0	0	0	47	0	44	0	0	91	450	
11:15 AM	0	121	62	0	0	183	61	135	0	0	0	197	0	0	0	0	0	60	0	72	0	0	132	512	
11:30 AM	0	144	64	0	0	208	53	127	0	0	0	180	0	0	0	0	0	65	0	68	0	0	134	522	
11:45 AM	0	135	60	0	0	195	55	129	0	0	0	184	0	0	0	0	0	64	0	61	0	0	125	504	
Total	0	509	254	0	0	763	215	528	0	0	0	743	0	0	0	0	0	237	0	245	0	0	482	1985	
12:00 PM	0	119	68	0	0	187	47	150	0	0	0	197	0	0	0	0	0	65	0	52	0	0	118	502	
12:15 PM	0	132	73	0	0	205	69	131	0	0	0	200	0	0	0	0	0	65	0	53	0	0	118	523	
12:30 PM	0	157	75	0	0	232	86	136	0	0	0	202	0	0	0	0	0	66	0	72	0	0	138	572	
12:45 PM	0	147	94	0	0	241	62	134	0	0	0	196	0	0	0	0	0	59	0	58	0	0	117	554	
Total	0	555	310	0	0	865	244	551	0	0	0	785	0	0	0	0	0	256	0	235	0	0	491	2151	
1:00 PM	0	148	90	0	0	238	53	102	0	0	0	155	0	0	0	0	0	57	0	61	0	0	118	511	
1:15 PM	0	136	82	0	0	218	64	130	0	0	0	194	0	0	0	0	0	67	0	80	0	0	147	559	
1:30 PM	0	159	71	0	0	230	81	123	0	0	0	204	0	0	0	0	0	59	0	67	0	0	126	560	
1:45 PM	0	149	94	0	0	243	73	101	0	0	0	174	0	0	0	0	0	55	0	70	0	1	125	542	
Total	0	582	337	0	0	929	271	456	0	0	0	927	0	0	0	0	0	238	0	278	0	1	516	2172	
BREAK																									
2:00 PM	0	158	74	0	0	232	67	131	0	0	0	198	0	0	0	0	0	51	0	74	0	0	125	555	
2:15 PM	0	137	58	0	0	195	87	144	0	0	0	231	0	0	0	0	0	57	0	99	0	0	156	582	
2:30 PM	0	151	78	0	0	229	72	147	0	0	0	219	0	0	0	0	0	54	0	121	0	0	175	623	
2:45 PM	0	167	70	0	0	237	85	150	0	0	0	236	0	0	0	0	0	64	0	102	0	0	166	639	
Total	0	613	280	0	0	893	312	572	0	0	0	844	0	0	0	0	0	226	0	386	0	0	622	2399	
3:00 PM	0	172	75	0	0	247	64	184	0	0	0	248	0	0	0	0	0	68	0	86	0	0	154	649	
3:15 PM	0	148	76	0	0	224	94	173	0	0	0	267	0	0	0	0	0	63	0	125	0	0	188	679	
3:30 PM	0	148	93	0	0	241	104	170	0	0	0	274	0	0	0	0	0	60	0	98	0	0	166	671	
3:45 PM	0	206	79	0	0	285	91	155	0	0	0	246	0	0	0	0	0	70	0	107	0	0	177	703	
Total	0	674	323	0	0	997	353	682	0	0	0	1035	0	0	0	0	0	261	0	414	0	0	675	2707	
4:00 PM	0	174	70	0	0	244	97	168	0	0	0	265	0	0	0	0	0	61	0	107	0	0	168	677	
4:15 PM	0	178	69	0	0	247	92	175	0	0	0	267	0	0	0	0	0	53	0	120	0	0	173	687	
4:30 PM	0	183	75	0	0	258	94	163	0	0	0	257	0	0	0	0	0	55	0	98	0	1	153	688	
4:45 PM	0	176	68	0	0	244	101	158	0	0	0	259	0	0	0	0	0	65	0	97	0	0	165	668	
Total	0	711	282	0	0	993	384	664	0	0	0	1048	0	0	0	0	0	237	0	422	0	1	659	2700	
5:00 PM	0	162	83	0	0	245	95	155	0	0	0	250	0	0	0	0	0	81	0	116	0	0	197	592	
5:15 PM	0	191	93	0	0	284	93	179	0	0	0	272	0	0	0	0	0	75	0	115	0	0	180	746	
5:30 PM	0	190	81	0	0	271	113	165	0	0	0	278	0	0	0	0	0	67	0	103	0	0	170	719	
5:45 PM	0	175	85	0	0	265	106	140	0	0	0	246	0	0	0	0	0	68	0	78	0				

PEAK HOURS

Day: Tuesday
 Date: 6/4/2024

AM

Start Time	SR 114/S/N Maint St Northbound				SR 114/S/N Maint St Southbound				SR 62/Maple St Eastbound				SR 62/Maple St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int Total
Peak Hour Analysis from 07:00 AM - 10:00 AM																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
7:00 AM	0	161	52	0	213	102	215	0	0	317	0	0	0	0	0	63	0	133	0	196	726
7:15 AM	0	166	63	0	229	85	175	0	0	260	0	0	0	0	0	76	0	108	0	184	673
7:30 AM	0	159	39	0	198	118	199	0	0	317	0	0	0	0	0	82	0	83	0	165	680
7:45 AM	0	199	43	0	242	102	208	0	0	310	0	0	0	0	0	83	0	86	0	169	721
Total Volume	0	665	197	0	882	407	797	0	0	1204	0	0	0	0	0	304	0	410	0	714	2800
% App Total	0.0	77.7	22.3	0.0	100	33.8	86.2	0.0	0.0	100	0.0	0.0	0.0	0.0	0	42.6	0.0	57.4	0.0	100	
PHF		0.911				0.950															0.911 0.964
Cars, PU, Vans	0	629	182	0	811	381	755	0	0	1136	0	0	0	0	0	290	0	398	0	688	2635
% Cars, PU, Vans	0.0	91.8	92.4	0.0	92.0	93.6	94.7	0.0	0.0	94.4	0.0	0.0	0.0	0.0	0	95.4	0.0	97.1	0.0	96.4	94.1
Buses	0	4	2	0	6	4	4	0	0	8	0	0	0	0	0	3	0	2	0	5	19
%Buses	0.0	0.6	1.0	0.0	0.7	1.0	0.5	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0	1.0	0.0	0.5	0.0	0.7	0.7
Duals	0	33	11	0	44	20	27	0	0	47	0	0	0	0	0	11	0	5	0	16	107
%Duals	0.0	4.8	5.6	0.0	5.0	4.9	3.4	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0	3.6	0.0	1.2	0.0	2.2	3.8
TTST	0	19	2	0	21	2	11	0	0	13	0	0	0	0	0	0	0	0	5	0	39
%TTST	0.0	2.8	1.0	0.0	2.4	0.5	1.4	0.0	0.0	1.1	0.0	0	0	0	0	0	0	0	1.2	0.0	0.7

NOON

Start Time	SR 114/S/N Maint St Northbound				SR 114/S/N Maint St Southbound				SR 62/Maple St Eastbound				SR 62/Maple St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int Total
Peak Hour Analysis from 10:00 AM - 12:00 PM																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	0	157	75	0	232	66	136	0	0	202	0	0	0	0	0	86	0	72	0	138	572
12:45 PM	0	147	94	0	241	62	134	0	0	196	0	0	0	0	0	59	0	58	0	117	554
1:00 PM	0	148	90	0	238	53	102	0	0	155	0	0	0	0	0	57	0	61	0	118	511
1:15 PM	0	136	82	0	218	64	130	0	0	194	0	0	0	0	0	67	0	80	0	147	559
Total Volume	0	588	341	0	829	245	502	0	0	747	0	0	0	0	0	249	0	271	0	520	2196
% App Total	0.0	63.3	36.7	0.0	100	32.8	67.2	0.0	0.0	100	0.0	0.0	0.0	0.0	0	47.9	0.0	52.1	0.0	100	
PHF		0.964				0.925															0.894 0.950
Cars, PU, Vans	0	547	332	0	879	235	469	0	0	704	0	0	0	0	0	237	0	257	0	494	2077
% Cars, PU, Vans	0.0	93.0	97.4	0.0	94.6	95.9	93.4	0.0	0.0	94.2	0.0	0.0	0.0	0.0	0	95.2	0.0	94.8	0.0	95.0	94.6
Buses	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
%Buses	0.0	0.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.2
Duals	0	22	8	0	30	7	27	0	0	34	0	0	0	0	0	11	0	13	0	24	88
%Duals	0.0	3.7	2.3	0.0	3.2	2.9	5.4	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0	4.4	0.0	4.8	0.0	4.6	4.0
TTST	0	14	1	0	15	3	6	0	0	9	0	0	0	0	0	1	0	1	0	2	26
%TTST	0.0	2.4	0.3	0.0	1.6	1.2	1.0	0.0	0.0	1.2	0.0	0	0	0	0	0.4	0.0	0.4	0.0	0.4	1.2

PM

Start Time	SR 114/S/N Maint St Northbound				SR 114/S/N Maint St Southbound				SR 62/Maple St Eastbound				SR 62/Maple St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int Total
Peak Hour Analysis from 02:00 PM - 07:00 PM																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
4:45 PM	0	176	68	0	244	101	158	0	0	259	0	0	0	0	0	68	0	97	0	165	668
5:00 PM	0	162	83	0	245	95	155	0	0	250	0	0	0	0	0	81	0	116	0	197	692
5:15 PM	0	191	93	0	284	93	179	0	0	272	0	0	0	0	0	75	0	115	0	190	746
5:30 PM	0	190	81	0	271	113	165	0	0	278	0	0	0	0	0	67	0	103	0	170	719
Total Volume	0	719	325	0	1044	402	657	0	0	1059	0	0	0	0	0	291	0	431	0	722	2825
% App Total	0.0	68.9	31.1	0.0	100	38.0	62.0	0.0	0.0	100	0.0	0.0	0.0	0.0	0	40.3	0.0	59.7	0.0	100	
PHF		0.919				0.952															0.916 0.947
Cars, PU, Vans	0	695	315	0	1014	395	635	0	0	1030	0	0	0	0	0	287	0	417	0	704	2748
% Cars, PU, Vans	0.0	96.7	98.2	0.0	97.1	98.3	98.7	0.0	0.0	97.3	0.0	0.0	0.0	0.0	0	98.6	0.0	95.8	0.0	97.5	97.3
Buses	0	0	1	0	1	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	5
%Buses	0.0	0.0	0.3	0.0	0.1	0.5	0.3	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0.2
Duals	0	16	4	0	20	4	10	0	0	14	0	0	0	0	0	1	0	7	0	8	42
%Duals	0.0	2.2	1.2	0.0	1.9	1.0	1.5	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0	0.3	0.0	1.6	0.0	1.1	1.5
TTST	0	8	1	0	9	1	10	0	0	11	0	0	0	0	0	3	0	7	0	10	30
%TTST	0.0	1.1	0.3	0.0	0.9	0.2	1.5	0.0	0.0	1.0	0.0	0	0	0	0	1.0	0.0	1.6	0.0	1.1	1.1

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-002
 Date: 6/4/2024

Data - Total

NS/EW Streets:		SR 114/S Maint St				SR 114/S Maint St				SR 62/Boston St				SR 62/Boston St												
		0.5 NL	1.5 NT	0 NR	0.5 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL								
AM		NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND												
		12	156	0	0	0	200	83	0	53	0	11	0	0	0	0	0									
		13	161	0	0	0	183	84	0	72	0	18	0	0	0	0	531									
		10	157	0	0	1	197	84	0	54	0	13	0	0	0	0	516									
		11	184	0	0	1	226	69	0	62	3	14	0	0	0	0	570									
		13	147	1	0	2	189	48	0	51	0	22	0	0	0	0	473									
		16	175	0	0	0	205	62	0	77	2	15	0	0	0	0	552									
		15	194	2	0	1	195	69	0	43	0	18	0	0	0	0	537									
		12	165	1	0	1	200	74	0	45	0	27	0	0	0	0	525									
		13	164	0	0	2	182	48	0	59	0	24	0	0	0	0	492									
		10	127	0	0	1	180	46	0	46	0	18	0	0	0	0	428									
		18	123	0	0	2	168	51	0	46	0	15	0	0	0	2	425									
		20	134	0	0	0	154	47	0	42	0	25	0	0	0	0	422									
		TOTAL VOLUMES :	163	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL						
		APPROACH %'s :	7.94%	91.87%	4	0.19%	0.00%	0.36%	74.60%	25.04%	0.00%	74.29%	0.57%	25.14%	0.00%	0.00%	0.00%	100.00%	0.00%	5986						
		PEAK HR :	07:45 AM - 08:45 AM																TOTAL							
		PEAK HR VOL :	55	700	3	0		4	815	248	0	233	5	69	0	0	0	0	0	2132						
		PEAK HR FACTOR :	0.859	0.902	0.375	0.000		0.500	0.902	0.899	0.000		0.756	0.417	0.784	0.000	0.000	0.000	0.000	0.935						
NOON		NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND												
		0.5 NL	1.5 NT	0 NR	0.5 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL								
		11	124	0	0	3	137	54	0	38	0	24	0	0	1	1	0	0	393							
		16	150	1	0	1	165	54	0	57	0	25	0	1	0	2	0	0	472							
		16	133	2	0	0	144	51	0	54	0	23	0	0	0	3	0	0	426							
		13	137	0	0	1	181	43	0	44	0	22	0	0	0	1	0	0	442							
		6	133	1	0	1	145	41	0	50	0	25	0	2	0	0	0	0	404							
		15	148	2	0	0	155	34	0	48	1	23	0	0	1	1	0	0	428							
		5	160	0	0	1	161	39	0	60	1	16	0	0	0	2	0	0	445							
		17	135	0	0	1	169	31	0	56	0	35	0	1	0	1	0	0	446							
		18	147	0	0	0	171	52	0	41	0	22	0	0	1	4	0	0	456							
		16	163	0	0	2	147	41	0	50	0	19	0	0	2	1	0	0	441							
		18	186	0	0	2	152	55	0	44	0	24	0	0	0	0	0	0	481							
		31	191	1	0	0	151	45	0	57	0	19	0	0	0	1	0	0	496							
		30	199	1	0	1	120	39	0	46	0	15	0	0	0	0	0	0	451							
		30	184	1	0	0	142	56	0	47	1	24	0	1	0	0	0	0	486							
		25	182	0	0	0	131	48	0	56	1	18	0	0	0	1	0	0	462							
		24	190	2	0	0	116	48	0	63	0	17	0	0	0	1	0	0	461							
		TOTAL VOLUMES :	291	NL	2562	11	0	SL	13	2387	731	0	EL	811	4	351	0	WL	5	WT	5	WR	19	WU	TOTAL	7190
		APPROACH %'s :	10.16%	89.46%	0.38%	0.00%		0.42%	76.24%	23.35%	0.00%		69.55%	0.34%	30.10%	0.00%	17.24%	17.24%	65.52%	0.00%					TOTAL	
		PEAK HR :	12:30 PM - 01:30 PM																		1914					
		PEAK HR VOL :	109	760	3	0		3	565	195	0	194	1	82	0	1	0	1	0	0	0.250	0.000	0.250	0.000	0.500	0.965
PM		NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND												
		0.5 NL	1.5 NT	0 NR	0.5 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL								
		26	156	0	0	0	130	54	0	68	1	19	0	0	0	2	0	0	0	456						
		20	135	2	0	0	132	67	0	74	0	23	0	1	0	2	0	0	0	454						
		19	132	1	0	0	146	59	0	83	0	19	0	0	1	2	0	0	0	527						
		21	182	4	0	0	167	48	0	75	1	26	0	1	0	2	0	0	0	504						
		21	171	0	0	1	172	78	0	49	0	10	0	1	1	0	0	0	0	527						
		18	150	0	0	0	171	71	0	83	1	30	0	2	0	1	0	0	0	527						
		17	177	2	0	0	161	65	0	78	0	24	0	0	0	3	0	0	0	527						
		20	186	1	0	0	161	61	0	82	0	29	0	2	0	1	0	0	0	544						
		29	190	1	0	0	162	74	0	68	0	37	0	0	0	1	2	0	0	513						
		22	174	2	0	0	158	68	0	64	0	22	0	0	1	4	0	0	0	528						
		16	184	1	0	0	154	65	0	75	0	27	0	1	1	0	0	1	0	501						
		18	181	1	0	0	168	62	0	59	0	11	0	0	0	0	0	0	0	496						
		16	159	0	0	0	156	67	0	75	0	23	0	0	0	0	0	0	0	596						
		21	213	1	0	1	178	79	0	74	0	26	0	2	0	1	0	0	0	573						
		21	197	0	0	0	180	68	0	80	0	27	0	0	0	0	0	0	0	537						
		20	179	0	0	0	172	48	0	81	1	36	0	0	0	2	5	0	0	499						
		16	169	0	0	0	149	69	0	60	0	28	0	1	2	0	0	0	0	468						
		16	153	0	0	0	172	44	0	61	0	22	0	0	0	0	0	0	0	461						
		22	164	0	0	1	147	53	0	49	1	23	0	0	0	0	1	0	0	394						
		13	170	0	0	1	116	37	0	44	0	13	0	0	0	0	0	0	0	10128						
		TOTAL VOLUMES :	392	3422	16	0	5	3152	1237	0	1382	5	475	0	0	26.19%	14.29%	59.52%	0.00%							
		APPROACH %'s :	10.23%	89.35%	0.42%	0.00%		0.11%	71.73%	28.15%	0.00%		74.22%	0.27%	25.51%	0.00%										
		PEAK HR :	05:15 PM - 06:15 PM																	TOTAL						
		PEAK HR VOL :	78	758	1	0		1	679	264	0	295	1	117	0	3	2	6	0	0.344	0.925</b					

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-002
 Date: 6/4/2024

Data - Cars

NS/EW Streets:	SR 114/S Maint St				SR 114/S Maint St				SR 62/Boston St				SR 62/Boston St				
AM																	
	0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	0
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	7	143	0	0	0	195	81	0	49	0	10	0	0	0	0	0	485
7:15 AM	8	150	0	0	0	174	81	0	69	0	16	0	0	0	0	0	498
7:30 AM	7	140	0	0	1	190	70	0	51	0	13	0	0	0	0	0	472
7:45 AM	9	168	0	0	1	215	60	0	57	3	12	0	0	0	0	0	525
8:00 AM	10	138	1	0	2	178	42	0	50	0	16	0	0	0	0	0	437
8:15 AM	14	160	0	0	0	194	55	0	73	2	14	0	0	0	0	0	512
8:30 AM	15	176	2	0	1	185	64	0	41	0	16	0	0	0	0	0	500
8:45 AM	11	158	1	0	1	192	71	0	45	0	26	0	0	0	0	0	505
9:00 AM	10	153	0	0	2	176	43	0	58	0	23	0	0	0	0	0	465
9:15 AM	10	118	0	0	1	176	45	0	45	0	16	0	0	0	0	0	411
9:30 AM	17	115	0	0	2	153	49	0	42	0	13	0	0	0	2	0	393
9:45 AM	18	120	0	0	0	148	45	0	38	0	24	0	0	0	0	0	393
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	136	1739	4	0	11	2176	706	0	618	199	0	0	0	2	0	0	5596
PEAK HR :																	
PEAK HR VOL :	48	642	3	0	4	772	221	0	221	5	58	0	0	0	0	0	TOTAL
PEAK HR FACTOR :	0.800	0.912	0.375	0.000	0.500	0.898	0.863	0.000	0.757	0.417	0.906	0.000	0.000	0.000	0.000	0.940	
NOON																	
	0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
10:00 AM	9	120	0	0	3	132	46	0	35	0	23	0	0	1	1	0	370
10:15 AM	16	145	1	0	1	150	52	0	49	0	25	0	1	0	2	0	442
10:30 AM	15	125	2	0	0	132	48	0	50	0	23	0	0	0	3	0	398
10:45 AM	12	127	0	0	1	177	42	0	38	0	21	0	0	0	1	0	419
11:00 AM	6	121	1	0	1	133	38	0	47	0	24	0	2	0	0	0	373
11:15 AM	14	138	2	0	0	150	31	0	42	1	21	0	0	1	1	0	401
11:30 AM	5	149	0	0	1	151	36	0	53	1	13	0	0	0	2	0	411
11:45 AM	16	129	0	0	1	162	26	0	51	0	33	0	1	0	1	0	420
12:00 PM	15	144	0	0	0	151	48	0	38	0	21	0	0	0	4	0	422
12:15 PM	16	157	0	0	2	141	36	0	45	0	18	0	0	2	1	0	418
12:30 PM	18	169	0	0	2	144	51	0	42	0	23	0	0	0	0	0	449
12:45 PM	29	182	1	0	0	144	42	0	56	0	17	0	0	0	1	0	472
1:00 PM	30	186	1	0	1	113	35	0	43	0	13	0	0	0	0	0	422
1:15 PM	27	175	1	0	0	135	51	0	45	1	22	0	1	0	0	0	458
1:30 PM	23	175	0	0	0	126	46	0	51	1	18	0	0	0	1	0	441
1:45 PM	22	185	2	0	0	110	45	0	59	0	15	0	0	0	1	0	439
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	273	2427	11	0	13	2251	673	0	744	4	330	0	5	5	19	0	6755
PEAK HR :																	
PEAK HR VOL :	104	712	3	0	3	536	179	0	186	1	75	0	1	0	1	0	1801
PEAK HR FACTOR :	0.867	0.957	0.750	0.000	0.375	0.931	0.877	0.000	0.830	0.250	0.815	0.000	0.250	0.000	0.250	0.000	0.954
PM																	
	0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	TOTAL
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
2:00 PM	25	151	0	0	0	117	52	0	63	1	19	0	0	0	2	0	430
2:15 PM	20	128	2	0	0	126	63	0	72	0	21	0	1	0	2	0	433
2:30 PM	18	119	1	0	0	137	53	0	78	0	19	0	0	1	2	0	428
2:45 PM	20	172	4	0	0	157	43	0	72	1	22	0	1	0	2	0	494
3:00 PM	19	166	0	0	0	161	72	0	48	0	9	0	0	1	1	0	502
3:15 PM	18	142	0	0	0	165	67	0	80	1	28	0	0	0	3	0	504
3:30 PM	16	175	2	0	0	153	62	0	71	0	22	0	0	0	2	0	525
3:45 PM	20	185	1	0	1	154	59	0	73	0	29	0	2	0	1	0	547
4:00 PM	29	184	1	0	0	159	73	0	66	0	35	0	0	0	0	0	493
4:15 PM	22	168	2	0	0	155	64	0	61	0	18	0	0	1	2	0	510
4:30 PM	15	178	1	0	0	148	60	0	75	0	27	0	1	1	4	0	485
4:45 PM	17	180	1	0	0	162	59	0	54	0	11	0	0	0	1	0	482
5:00 PM	16	153	0	0	0	153	66	0	71	0	23	0	0	0	0	0	558
5:15 PM	21	212	1	0	1	173	78	0	70	0	24	0	2	0	1	0	583
5:30 PM	21	193	0	0	0	174	67	0	77	0	26	0	0	0	0	0	558
5:45 PM	20	176	0	0	0	168	45	0	79	1	36	0	0	0	0	0	525
6:00 PM	16	164	0	0	0	143	67	0	58	0	27	0	1	2	5	0	483
6:15 PM	15	149	0	0	0	166	42	0	61	0	22	0	0	0	0	0	455
6:30 PM	22	163	0	0	1	146	50	0	48	1	23	0	0	0	1	0	455
6:45 PM	13	164	0	0	1	114	37	0	42	0	13	0	0	0	0	0	384
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	383	3322	16	0	4	3031	1179	0	1319	5	454	0	9	6	25	0	9753
PEAK HR :																	
PEAK HR VOL :	78	745	1	0	1	658	257	0	284	1	113	0	3	2	6	0	2149
PEAK HR FACTOR :	0.929	0.879	0.250	0.000	0.250	0.945	0.824	0.000	0.899	0.250	0.785	0.000	0.375	0.250	0.300	0.000	0.922

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
City: Middleton
Control: Signalized

Project ID: 24-430097-002
Date: 6/4/2024

Data - Buses

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-002
 Date: 6/4/2024

Data - Duals

NS/EW Streets:		SR 114/S Maint St				SR 114/S Maint St				SR 62/Boston St				SR 62/Boston St				
		NORTHBOUND		SOUTHBOUND		EASTBOUND		WESTBOUND		WLT		WT		WR		WU		
AM		0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	
		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	
7:00 AM		4	10	0	0	0	5	2	0	3	0	0	0	0	0	0	24	
7:15 AM		4	4	0	0	0	6	2	0	3	0	2	0	0	0	0	21	
7:30 AM		2	9	0	0	0	4	11	0	3	0	0	0	0	0	0	29	
7:45 AM		1	11	0	0	0	8	4	0	4	0	1	0	0	0	0	29	
8:00 AM		3	6	0	0	0	5	2	0	1	0	2	0	0	0	0	19	
8:15 AM		0	10	0	0	0	9	3	0	3	0	1	0	0	0	0	26	
8:30 AM		0	12	0	0	0	6	3	0	2	0	1	0	0	0	0	24	
8:45 AM		0	6	0	0	0	3	2	0	0	0	1	0	0	0	0	12	
9:00 AM		2	8	0	0	0	6	4	0	0	0	0	0	0	0	0	20	
9:15 AM		0	5	0	0	0	2	1	0	0	0	2	0	0	0	0	10	
9:30 AM		1	5	0	0	0	12	2	0	4	0	2	0	0	0	0	26	
9:45 AM		1	10	0	0	0	4	1	0	2	0	1	0	0	0	0	19	
TOTAL VOLUMES :		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :		18.79%	84.21%	0.00%	0.00%	0.00%	65.42%	34.58%	0.00%	65.79%	0.00%	34.21%	0.00%	0	0	0	0	259
PEAK HR :		07:45 AM - 08:45 AM																TOTAL
PEAK HR VOL :		4	39	0	0	0	0	28	12	0	10	0	5	0	0	0	0	98
PEAK HR FACTOR :		0.333	0.813	0.000	0.000	0.896	0.000	0.778	0.750	0.000	0.625	0.000	0.750	0.000	0.000	0.000	0.845	
NOON		0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	
		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
10:00 AM		2	2	0	0	0	5	6	0	3	0	1	0	0	0	0	0	19
10:15 AM		0	4	0	0	0	8	2	0	6	0	0	0	0	0	0	0	20
10:30 AM		1	7	0	0	0	9	2	0	4	0	0	0	0	0	0	0	23
10:45 AM		1	6	0	0	0	4	1	0	6	0	1	0	0	0	0	0	19
11:00 AM		0	11	0	0	0	10	3	0	3	0	1	0	0	0	0	0	28
11:15 AM		0	8	0	0	0	4	1	0	5	0	1	0	0	0	0	0	19
11:30 AM		0	8	0	0	0	7	2	0	6	0	3	0	0	0	0	0	26
11:45 AM		0	3	0	0	0	6	5	0	2	0	2	0	0	0	0	0	18
12:00 PM		3	2	0	0	0	9	2	0	1	0	0	0	0	0	0	0	15
12:15 PM		0	6	0	0	0	1	3	0	4	0	1	0	0	0	0	0	20
12:30 PM		0	7	0	0	0	6	4	0	2	0	1	0	0	0	0	0	17
12:45 PM		2	5	0	0	0	6	2	0	1	0	1	0	0	0	0	0	20
1:00 PM		0	7	0	0	0	5	4	0	2	0	2	0	0	0	0	0	25
1:15 PM		3	8	0	0	0	5	5	0	2	0	2	0	0	0	0	0	16
1:30 PM		2	5	0	0	0	4	2	0	3	0	0	0	0	0	0	0	18
1:45 PM		2	3	0	0	0	5	3	0	4	0	1	0	0	0	0	0	18
TOTAL VOLUMES :		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :		16	92	0	0	0	0	94	47	0	54	0	17	0	0	0	0	320
PEAK HR :		12:30 PM - 01:30 PM																TOTAL
PEAK HR VOL :		5	27	0	0	0	0	22	15	0	7	0	6	0	0	0	0	82
PEAK HR FACTOR :		0.417	0.844	0.000	0.000	0.727	0.000	0.917	0.750	0.000	0.875	0.000	0.750	0.000	0.000	0.000	0.820	
PM		0.5	1.5	0	0	0.5	1	0.5	0	1	0.5	0.5	0	0	0.5	0.5	0	
		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
2:00 PM		1	2	0	0	0	9	2	0	3	0	0	0	0	0	0	0	17
2:15 PM		0	5	0	0	0	4	3	0	2	0	2	0	0	0	0	0	16
2:30 PM		1	10	0	0	0	5	4	0	5	0	0	0	0	0	0	0	25
2:45 PM		1	8	0	0	0	7	3	0	2	0	3	0	0	0	0	0	24
3:00 PM		1	2	0	0	0	1	3	0	1	0	0	0	0	0	0	0	10
3:15 PM		0	2	0	0	0	4	1	0	0	0	1	0	0	0	0	0	16
3:30 PM		0	2	0	0	0	6	3	0	4	0	1	0	0	0	0	0	15
3:45 PM		0	1	0	0	0	6	0	0	8	0	0	0	0	0	0	0	10
4:00 PM		0	4	0	0	0	2	1	0	1	0	2	0	0	0	0	0	12
4:15 PM		0	4	0	0	0	1	3	0	2	0	2	0	0	0	0	0	11
4:30 PM		0	4	0	0	0	3	4	0	0	0	0	0	0	0	0	0	7
4:45 PM		0	1	0	0	0	3	0	0	3	0	0	0	0	0	0	0	5
5:00 PM		0	6	0	0	0	2	1	0	0	0	0	0	0	0	0	0	9
5:15 PM		0	1	0	0	0	0	0	0	3	0	1	0	0	0	0	0	5
5:30 PM		0	3	0	0	0	4	1	0	2	0	0	0	0	0	0	0	10
5:45 PM		0	2	0	0	0	3	3	0	2	0	0	0	0	0	0	0	14
6:00 PM		0	4	0	0	0	6	2	0	2	0	0	0	0	0	0	0	10
6:15 PM		1	3	0	0	0	4	2	0	0	0	1	0	0	0	0	0	5
6:30 PM		0	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	5
6:45 PM		0	2	0	0	0	2	0	0	1	0	0	0	0	0	0	0	5
TOTAL VOLUMES :		NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :		5	67	0	0	1	75	40	0	41	0	12	0	2	0	0	0	243
PEAK HR :		05:30 PM - 06:30 PM																TOTAL
PEAK HR VOL :		0	10	0	0	0	0	13	6	0	9	0	1	0	0	0	0	39
PEAK HR FACTOR :		0.000	0.625	0.000	0.000	0.625	0.000	0.542	0.500	0.000	0.750	0.000	0.250	0.000	0.000	0.000	0.696	

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-002
 Date: 6/4/2024

Data - TTST

NS/EW Streets:	SR 114/S Maint St				SR 114/S Maint St				SR 62/Boston St				SR 62/Boston St				
	0.5 NL	1.5 NT	0 NR	0 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	Total
AM																	
7:00 AM	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
7:15 AM	1	5	0	0	0	3	0	0	0	0	0	0	0	0	0	9	
7:30 AM	1	7	0	0	0	1	2	0	0	0	0	0	0	0	0	11	
7:45 AM	1	5	0	0	0	2	3	0	1	0	0	0	0	0	0	12	
8:00 AM	0	3	0	0	0	3	4	0	0	0	1	0	0	0	0	11	
8:15 AM	2	0	0	0	0	1	4	0	1	0	0	0	0	0	0	8	
8:30 AM	0	3	0	0	0	3	2	0	0	0	1	0	0	0	0	9	
8:45 AM	1	1	0	0	0	5	1	0	0	0	0	0	0	0	0	8	
9:00 AM	1	3	0	0	0	0	1	0	0	0	1	0	0	0	0	6	
9:15 AM	0	4	0	0	0	2	0	0	1	0	0	0	0	0	0	7	
9:30 AM	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	5	
9:45 AM	1	4	0	0	0	2	1	0	2	0	0	0	0	0	0	10	
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	18.37%	81.63%	0.00%	0.00%	0.00%	57.14%	42.86%	0.00%	62.50%	0.00%	37.50%	0.00%					99
PEAK HR :	07:45 AM - 08:45 AM				0	9	13	0	2	0	2	0	0	0	0	0	TOTAL 40
PEAK HR VOL :	3	11	0	0													
PEAK HR FACTOR :	0.375	0.550	0.000	0.000		0.000	0.750	0.813	0.000	0.500	0.000	0.500	0.000	0.000	0.000	0.000	0.833
NOON																	
10:00 AM	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	3
10:15 AM	0	1	0	0	0	5	0	0	2	0	0	0	0	0	0	0	8
10:30 AM	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	4
10:45 AM	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:00 AM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
11:15 AM	1	2	0	0	0	1	2	0	1	0	1	0	0	0	0	0	8
11:30 AM	0	2	0	0	0	3	1	0	1	0	0	0	0	0	0	0	7
11:45 AM	1	3	0	0	0	1	0	0	3	0	0	0	0	0	0	0	8
12:00 PM	0	1	0	0	0	3	2	0	2	0	1	0	0	0	0	0	7
12:15 PM	0	0	0	0	0	4	2	0	1	0	0	0	0	0	0	0	9
12:30 PM	0	7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	7
12:45 PM	0	4	0	0	0	1	1	0	0	0	0	1	0	0	0	0	7
1:00 PM	0	5	0	0	0	2	0	0	0	1	0	0	0	0	0	0	8
1:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
1:30 PM	0	2	0	0	0	1	0	0	1	0	0	0	0	0	0	0	4
1:45 PM	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	3
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	2	33	0	0		0	30	10	0	12	0	4	0	0	0	0	91
PEAK HR :	12:30 PM - 01:30 PM				0	7	1	0	1	0	1	0	0	0	0	0	TOTAL 26
PEAK HR VOL :	0	16	0	0		0	0.875	0.250	0.000	0.250	0.000	0.500	0.000	0.000	0.000	0.000	0.722
PM																	
2:00 PM	0	2	0	0	0	3	0	0	1	0	0	0	0	0	0	0	6
2:15 PM	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3
2:30 PM	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	6
2:45 PM	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
3:00 PM	0	2	0	0	0	5	2	0	0	0	1	0	0	0	0	0	8
3:15 PM	0	2	0	0	0	2	1	0	2	0	1	0	0	0	0	0	2
3:30 PM	0	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	4
3:45 PM	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	4
4:00 PM	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
4:15 PM	0	2	0	0	0	2	1	0	1	0	2	0	0	0	0	0	8
4:30 PM	1	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	6
4:45 PM	1	0	0	0	0	3	3	0	1	0	0	0	0	0	0	0	8
5:00 PM	0	0	0	0	0	1	0	0	4	0	0	0	0	0	0	0	5
5:15 PM	0	0	0	0	0	4	1	0	1	0	1	0	0	0	0	0	7
5:30 PM	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	4
5:45 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
6:00 PM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
6:15 PM	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
6:30 PM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
6:45 PM	0	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
TOTAL VOLUMES :	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
APPROACH %'s :	2	23	0	0		0	34	15	0	14	0	7	0	0	0	0	95
PEAK HR :	01:15 PM - 02:15 PM				0	6	1	0	2	0	3	0	0	0	0	0	TOTAL 15
PEAK HR VOL :	0	3	0	0		0.000	0.375	0.250	0.000	0.500	0.000	0.625	0.000	0.000	0.000	0.000	0.536

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
 City: Middleton
 Control: Signalized

Project ID: 24-430097-002
 Date: 6/4/2024

Data - Bikes

NS/EW Streets:	SR 114/S Maint St				SR 114/S Maint St				SR 62/Boston St				SR 62/Boston St				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0.5 NL	1.5 NT	0 NR	0 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL
7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:15 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
7:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8:45 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9:30 AM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
9:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
APPROACH %'s :						0.00%	33.33%	66.67%	0.00%								
PEAK HR :	07:45 AM - 08:45 AM				0	0	0	0	0	0	0	0	0	0	0	0	
PEAK HR VOL :	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
PEAK HR FACTOR :	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
NOON	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
NOON	0.5 NL	1.5 NT	0 NR	0 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00 AM	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
12:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	
1:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL VOLUMES :	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
APPROACH %'s :						0.00%	0.00%	100.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%		
PEAK HR :	12:30 PM - 01:30 PM				0	0	0	0	0	0	0	0	0	0	0	0	
PEAK HR VOL :	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
PEAK HR FACTOR :	0	0	0	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	
PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
PM	0.5 NL	1.5 NT	0 NR	0 NU	0.5 SL	1 ST	0.5 SR	0 SU	1 EL	0.5 ET	0.5 ER	0 EU	0 WL	0.5 WT	0.5 WR	0 WU	TOTAL
	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
2:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2:45 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:00 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:15 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:30 PM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4:00 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
4:15 PM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
4:30 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
4:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
5:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5:45 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
6:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	
6:15 PM	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
6:30 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
6:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL VOLUMES :	0	6	0	0	0	0	0	0	8	1	1	0	0	0	0	26	
APPROACH %'s :		0.00%	100.00%	0.00%	0.00%	0.00%	30.00%	70.00%	0.00%	80.00%	10.00%	10.00%	0.00%				
PEAK HR :	05:15 PM - 06:15 PM				0	0	3	0	3	1	0	0	0	0	0	0	
PEAK HR VOL :	0	0	0	0	0.000	0.000	0.750	0.000	0.750	0.375	0.250	0.000	0.000	0.000	0.000	0.583	

National Data & Surveying Services
Intersection Turning Movement Count

Location: SR 114/S Maint St & SR 62/Boston St
City: Middleton

Project ID: 24-430097-002
Date: 6/4/2024

Data - Pedestrians (Crosswalks)

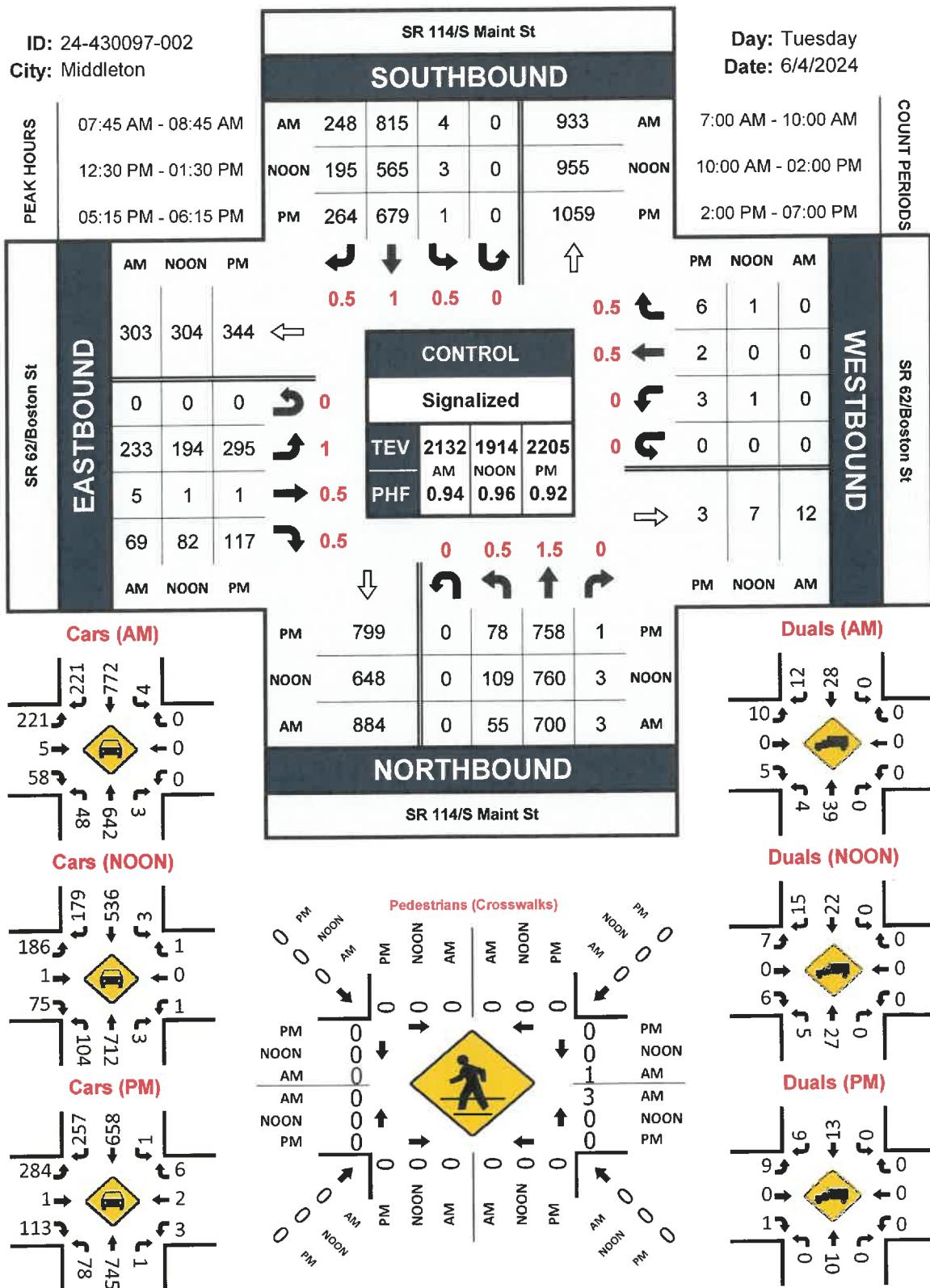
NS/EW Streets:	SR 114/S Maint St		SR 114/S Maint St		SR 62/Boston St		SR 62/Boston St		TOTAL
	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		
AM	EB	WB	EB	WB	NB	SB	NB	SB	
7:00 AM	0	0	0	0	0	0	0	0	0
7:15 AM	0	0	0	0	0	0	0	0	0
7:30 AM	0	0	0	0	0	0	0	1	1
7:45 AM	0	0	0	0	0	0	0	0	0
8:00 AM	0	0	0	0	0	0	0	0	0
8:15 AM	0	0	0	0	3	0	0	0	3
8:30 AM	0	0	0	0	0	1	0	0	1
8:45 AM	0	0	2	0	2	0	0	1	5
9:00 AM	0	0	0	0	0	0	0	0	0
9:15 AM	0	0	0	0	0	0	0	0	0
9:30 AM	0	0	1	0	1	0	0	0	2
9:45 AM	0	0	0	0	0	0	1	1	2
TOTAL VOLUMES :	EB 0	WB 0	EB 3	WB 0	NB 6	SB 1	NB 1	SB 3	TOTAL 14
APPROACH %'s :	100.00%		0.00%		85.71%		14.29%		
PEAK HR :	07:45 AM - 08:45 AM								TOTAL 4
PEAK HR VOL :	0		0		3		0.250		
PEAK HR FACTOR :							0.333		

NOON	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
10:00 AM	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	2	0	2	0	0	4
11:00 AM	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0
1:00 PM	0	0	0	0	0	0	0	0	0
1:15 PM	0	0	0	0	0	0	0	0	0
1:30 PM	0	0	0	0	0	0	0	0	0
1:45 PM	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	EB 0	WB 0	EB 0	WB 2	NB 0	SB 2	NB 0	SB 0	TOTAL 4
APPROACH %'s :	0.00%		100.00%		0.00%		100.00%		
PEAK HR :	12:30 PM - 01:30 PM								TOTAL 0
PEAK HR VOL :	0		0		0		0		
PEAK HR FACTOR :									

PM	NORTH LEG		SOUTH LEG		EAST LEG		WEST LEG		TOTAL
	EB	WB	EB	WB	NB	SB	NB	SB	
2:00 PM	0	0	0	0	0	0	0	0	0
2:15 PM	0	0	0	0	0	0	0	0	0
2:30 PM	0	0	0	0	0	0	0	0	0
2:45 PM	0	0	0	0	0	0	0	0	0
3:00 PM	0	0	0	0	0	0	0	0	0
3:15 PM	0	0	0	0	0	0	0	0	0
3:30 PM	0	0	0	0	0	0	0	0	0
3:45 PM	0	0	0	0	0	0	0	0	0
4:00 PM	0	0	0	0	1	0	0	0	1
4:15 PM	0	0	0	0	0	0	0	0	0
4:30 PM	0	0	0	0	0	1	0	0	1
4:45 PM	0	0	0	1	0	0	0	0	1
5:00 PM	0	0	0	0	0	0	0	0	0
5:15 PM	0	0	0	0	0	0	0	0	0
5:30 PM	0	0	0	0	0	0	0	0	0
5:45 PM	0	0	0	0	0	0	0	0	0
6:00 PM	0	0	0	0	0	0	0	0	0
6:15 PM	0	0	0	0	1	0	0	0	1
6:30 PM	1	0	0	0	0	0	0	0	1
6:45 PM	0	0	0	0	0	0	0	0	0
TOTAL VOLUMES :	EB 1	WB 0	EB 0	WB 1	NB 2	SB 1	NB 0	SB 0	TOTAL 5
APPROACH %'s :	100.00%		0.00%		100.00%		66.67%		
PEAK HR :	05:15 PM - 06:15 PM								TOTAL 0
PEAK HR VOL :	0		0		0		0		
PEAK HR FACTOR :									

SR 114/S Maint St & SR 62/Boston St

Peak Hour Turning Movement Count



Groups Printed - Cars, PU, Vans - Heavy Trucks																							
Start Time	SR 114/S Maint St Northbound					SR 114/S Maint St Southbound					SR 62/Boston St Eastbound					SR 62/Boston St Westbound					Int Total		
	Left	Thru	Rgt	Uturn	Peds	Left	Thru	Rgt	Uturn	Peds	Left	Thru	Rgt	Uturn	Peds	Left	Thru	Rgt	Uturn	Peds			
7:00 AM	12	156	0	0	0	168	0	200	83	0	283	53	0	11	0	0	64	0	0	0	0	0	
7:15 AM	13	161	0	0	0	174	0	183	84	0	267	72	0	18	0	0	90	0	0	0	0	0	
7:30 AM	10	157	0	0	0	167	1	197	84	0	282	54	0	13	0	1	67	0	0	0	0	0	
7:45 AM	11	184	0	0	0	195	1	226	69	0	296	62	3	14	0	0	79	0	0	0	0	0	
Total	46	658	0	0	0	704	2	806	320	0	0	1128	241	3	56	0	1	300	0	0	0	0	0
8:00 AM	13	147	1	0	0	161	2	188	48	0	0	239	51	0	22	0	0	73	0	0	0	0	0
8:15 AM	16	175	0	0	0	191	0	205	62	0	0	267	77	2	15	0	0	94	0	0	0	3	0
8:30 AM	15	194	2	0	0	211	1	195	69	0	0	265	43	0	18	0	0	61	0	0	0	1	0
8:45 AM	12	165	1	0	2	178	1	200	74	0	0	275	45	0	27	0	1	72	0	0	0	2	0
Total	56	681	4	0	2	741	4	789	253	0	0	1046	216	2	82	0	1	300	0	0	0	6	0
9:00 AM	13	184	0	0	0	177	2	182	48	0	0	232	59	0	24	0	0	83	0	0	0	0	0
9:15 AM	10	127	0	0	0	137	1	180	46	0	0	227	46	0	18	0	0	64	0	0	0	0	0
9:30 AM	18	123	0	0	1	141	2	188	51	0	0	221	46	0	15	0	0	61	0	0	2	0	1
9:45 AM	20	134	0	0	0	154	0	154	47	0	0	201	42	0	25	0	2	67	0	0	0	0	0
Total	61	548	0	0	1	603	5	684	192	0	0	881	193	0	82	0	2	275	0	0	2	0	1
BREAK																							
10:00 AM	11	124	0	0	0	135	3	137	54	0	0	194	38	0	24	0	0	62	0	1	1	0	0
10:15 AM	16	150	1	0	0	167	1	165	54	0	0	220	57	0	25	0	0	82	1	0	2	0	0
10:30 AM	16	133	2	0	0	151	0	144	51	0	0	195	54	0	23	0	0	77	0	0	3	0	0
10:45 AM	13	137	0	0	2	150	1	181	43	0	0	225	44	0	22	0	0	66	0	0	1	0	2
Total	56	544	3	0	2	603	5	627	202	0	0	834	163	0	94	0	0	267	1	1	7	0	2
11:00 AM	6	133	1	0	0	140	1	145	41	0	0	187	50	0	25	0	0	75	2	0	0	0	2
11:15 AM	15	148	2	0	0	165	0	155	34	0	0	189	48	1	23	0	0	72	0	1	1	0	2
11:30 AM	5	160	0	0	0	165	1	161	39	0	0	201	60	1	16	0	0	77	0	0	2	0	2
11:45 AM	17	135	0	0	0	152	0	169	31	0	0	201	56	0	35	0	0	91	1	0	1	0	2
Total	43	576	3	0	0	622	3	639	145	0	0	778	214	2	98	0	0	315	3	1	4	0	0
12:00 PM	18	147	0	0	0	165	0	171	52	0	0	223	41	0	22	0	0	63	0	1	4	0	0
12:15 PM	16	163	0	0	0	179	2	147	41	0	0	190	50	0	19	0	0	69	0	2	1	0	3
12:30 PM	18	166	0	0	0	204	2	152	55	0	0	209	44	0	24	0	0	68	0	0	0	0	0
12:45 PM	31	191	1	0	0	223	0	151	45	0	0	196	57	0	19	0	0	76	0	0	1	0	1
Total	83	687	1	0	0	771	4	621	193	0	0	818	192	0	84	0	0	276	0	3	6	0	0
1:00 PM	30	199	1	0	0	230	1	120	39	0	0	160	46	0	15	0	0	61	0	0	0	0	0
1:15 PM	30	184	1	0	0	215	0	142	56	0	0	198	47	1	24	0	0	72	1	0	0	0	1
1:30 PM	25	182	0	0	0	207	0	131	48	0	0	179	56	1	18	0	0	75	0	0	1	0	1
1:45 PM	24	190	2	0	0	216	0	116	48	0	0	164	63	0	17	0	0	80	0	0	1	0	1
Total	109	755	4	0	0	868	1	509	191	0	0	701	212	2	74	0	0	286	1	0	2	0	0
BREAK																							
2:00 PM	26	156	0	0	0	182	0	130	54	0	0	184	68	1	19	0	0	88	0	0	2	0	0
2:15 PM	20	135	2	0	0	157	0	132	67	0	0	199	74	0	23	0	0	97	1	0	0	0	1
2:30 PM	19	132	1	0	0	152	0	146	59	0	0	205	83	0	19	0	0	102	0	1	2	0	0
2:45 PM	21	182	4	0	0	207	0	167	48	0	0	215	75	1	26	0	0	102	1	0	2	0	0
Total	86	605	7	0	0	698	0	575	228	0	0	803	300	2	87	0	0	389	2	1	6	0	0
3:00 PM	21	171	0	0	0	192	1	172	78	0	0	251	49	0	10	0	0	59	1	1	0	0	2
3:15 PM	18	150	0	0	0	168	0	171	71	0	0	242	83	1	30	0	0	114	2	0	1	0	3
3:30 PM	17	177	2	0	0	196	0	161	65	0	0	226	78	0	24	0	0	102	0	0	3	0	0
3:45 PM	20	186	1	0	0	207	1	161	61	0	0	233	82	0	29	0	0	111	2	0	1	0	3
Total	76	684	3	0	0	763	2	665	275	0	0	942	292	1	83	0	0	386	5	1	5	0	0
4:00 PM	29	190	1	0	0	220	0	162	74	0	0	236	68	0	37	0	0	105	0	0	1	0	0
4:15 PM	22	174	2	0	0	198	0	158	68	0	0	226	64	0	22	0	0	86	0	1	2	0	0
4:30 PM	16	184	1	0	0	201	0	154	65	0	0	219	75	0	27	0	0	102	1	1	4	0	1
4:45 PM	18	181	1	0	1	200	0	165	62	0	0	230	59	0	11	0	0	70	0	0	1	0	1
Total	85	729	5	0	1	619	0	642	289	0	0	911	266	0	97	0	0	363	1	2	7	0	2
5:00 PM	16	159	0	0	0	175	0	155	67	0	0	223	75	0	23	0	0	98	0	0	0	0	0
5:15 PM	21	213	1	0	0	235	1	176	79	0	0	258	74	0	26	0	0	100	2	0	1	0	3
5:30 PM	21	197	0	0	0	218	0	180	68	0	0	246	80	0	27	0	0	107	0	0	0	0	0
5:45 PM	20	179	0	0	0	199	0	172	48	0	0	220	81	1	36	0	0	118	0	0	0	0	0
Total	78	748	1	0	0	827	1	685	262	0	0	849	310	1	112	0	0	423	2	0	1	0	3
6:00 PM	16	169	0	0	0	185	0	149	69	0	0	218	60	0	28	0	0	88	1	2	5	0	0
6:15 PM	16	153	0	0	0	169	0	172	44	0	0	216	61	0	22	0	0	83	0	0	0	1	0
6:30 PM	22	164	0	0	0	186	1	147	53	0	1	201	49	1	23	0	0	73	0	0	1	0	1
6:45 PM	13	170	0	0	0	183	1	116	37	0	0	154	44	0	13	0	0	57	0	0	0	0	0
Total	67	656	0	0	0	723	2	584	203</														

PEAK HOURS

Day: Tuesday
 Date: 6/4/2024

AM

Start Time	SR 114/S Maint St Northbound				SR 114/S Maint St Southbound				SR 62/Boston St Eastbound				SR 62/Boston St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int. Total
Peak Hour Analysis from 07:00 AM - 10:00 AM																					
Peak Hour for Entire Intersection Begins at 07:45 AM																					
7:45 AM	11	184	0	0	195	1	226	69	0	296	62	3	14	0	79	0	0	0	0	0	570
8:00 AM	13	147	1	0	161	2	189	48	0	239	51	0	22	0	73	0	0	0	0	0	473
8:15 AM	16	175	0	0	181	0	205	62	0	267	77	2	15	0	94	0	0	0	0	0	552
8:30 AM	15	194	2	0	211	1	185	69	0	265	43	0	18	0	61	0	0	0	0	0	537
Total Volume	55	700	3	0	758	4	615	248	0	1057	233	5	69	0	507	0	0	0	0	0	2132
% App. Total	7.3	92.3	0.4	0.0	100	0.4	76.4	23.2	0.0	100	75.9	1.6	22.5	0.0	100	0.0	0.0	0.0	0.0	0.0	0.935
PHF		0.888					0.901								0.816						
Cars, PU, Vans	48	642	3	0	693	4	772	221	0	997	221	5	58	0	284	0	0	0	0	0	1974
% Cars, PU, Vans	87.3	91.7	100.0	0.0	91.4	100.0	94.7	89.1	0.0	93.4	94.8	100.0	84.1	0.0	92.5	0.0	0.0	0.0	0.0	0.0	92.6
Buses	0	8	0	0	8	0	6	2	0	8	0	0	4	0	4	0	0	0	0	0	20
% Buses	0.0	11.1	0.0	0.0	11.1	0.0	0.7	0.8	0.0	0.7	0.0	0.0	5.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.9
Duals	4	39	0	0	43	0	28	12	0	40	10	0	5	0	15	0	0	0	0	0	98
% Duals	7.3	5.6	0.0	0.0	5.7	0.0	5.4	4.8	0.0	3.7	4.3	0.0	7.2	0.0	4.9	0.0	0.0	0.0	0.0	0.0	4.6
TTST	3	11	0	0	14	0	9	13	0	22	2	0	2	0	4	0	0	0	0	0	40
% TTST	5.5	1.6	0.0	0.0	1.8	0.0	1.1	5.2	0.0	2.1	0.9	0	2.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1.9

NOON

Start Time	SR 114/S Maint St Northbound				SR 114/S Maint St Southbound				SR 62/Boston St Eastbound				SR 62/Boston St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int. Total
Peak Hour Analysis from 10:00 AM - 12:00 PM																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	18	186	0	0	204	2	152	55	0	209	44	0	24	0	68	0	0	0	0	0	481
12:45 PM	31	191	1	0	223	0	151	45	0	196	57	0	19	0	76	0	0	1	0	0	496
1:00 PM	30	193	1	0	230	1	120	39	0	160	46	0	15	0	51	0	0	0	0	0	451
1:15 PM	30	184	1	0	215	0	142	56	0	198	47	1	24	0	72	1	0	0	0	0	486
Total Volume	109	760	3	0	872	3	565	195	0	763	194	1	82	0	277	1	0	1	0	2	1914
% App. Total	12.5	87.2	0.3	0.0	100	0.4	74.0	25.6	0.0	100	70.0	0.4	29.5	0.0	100	50.0	0.0	50.0	0.0	100	0.500
PHF		0.948					0.913								0.911						0.985
Cars, PU, Vans	104	712	3	0	819	3	536	179	0	718	186	1	75	0	262	1	0	1	0	2	1801
% Cars, PU, Vans	95.4	93.7	100.0	0.0	93.9	100.0	94.9	91.8	0.0	94.1	95.9	100.0	91.5	0.0	94.6	100.0	0.0	100.0	0.0	100	94.1
Buses	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
% Buses	0.0	0.7	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Duals	5	27	0	0	32	0	22	15	0	37	7	0	6	0	13	0	0	0	0	0	82
% Duals	4.6	3.6	0.0	0.0	3.7	0.0	3.9	7.7	0.0	4.8	3.6	0.0	7.3	0.0	4.7	0.0	0.0	0.0	0.0	0.0	4.3
TTST	0	18	0	0	16	0	7	1	0	8	1	0	1	0	2	0	0	0	0	0	26
% TTST	0.0	2.1	0.0	0.0	1.8	0.0	1.2	0.5	0.0	1.0	0.5	0	1.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.4

PM

Start Time	SR 114/S Maint St Northbound				SR 114/S Maint St Southbound				SR 62/Boston St Eastbound				SR 62/Boston St Westbound								
	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Left	Thru	Rgt	Uturn	App Total	Int. Total
Peak Hour Analysis from 02:00 PM - 07:00 PM																					
Peak Hour for Entire Intersection Begins at 05:15 PM																					
6:15 PM	21	213	1	0	235	1	178	79	0	258	74	0	26	0	100	2	0	1	0	3	596
5:30 PM	21	197	0	0	218	0	180	68	0	248	80	0	27	0	107	0	0	0	0	0	573
5:45 PM	20	179	0	0	199	0	172	48	0	220	81	1	36	0	118	0	0	0	0	0	537
6:00 PM	16	169	0	0	185	0	149	69	0	218	60	0	28	0	88	1	2	5	0	8	499
Total Volume	78	758	1	0	837	1	679	264	0	944	295	1	117	0	413	3	2	6	0	11	2205
% App. Total	9.3	90.6	0.1	0.0	100	0.1	71.8	28.0	0.0	100	71.4	0.2	28.3	0.0	100	27.3	18.2	54.5	0.0	100	0.344
PHF		0.890					0.915								0.875						0.825
Cars, PU, Vans	78	745	1	0	824	1	658	257	0	916	284	1	113	0	398	3	2	6	0	11	2149
% Cars, PU, Vans	100.0	98.3	100.0	0.0	98.4	100.0	95.9	97.3	0.0	97.0	96.3	100.0	96.6	0.0	96.4	100.0	100.0	100.0	0.0	100.0	97.5
Buses	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Buses	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.2	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Duals	0	10	0	0	10	0	13	6	0	19	9	0	1	0	10	0	0	0	0	0	39
% Duals	0.0	1.3	0.0	0.0	1.2	0.0	1.9	2.3	0.0	2.0	3.1	0	0.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	1.8
TTST	0	3	0	0	3	0	6	1	0	7	2	0	3	0	5	0	0	0	0	0	15
% TTST	0.0	0.4	0.0	0.0	0.4	0.0	0.9	0.4	0.0	0.7	0.7	0	0.2	0.0	1.2	0.0	0	0	0	0.0	0.7

Attachment B
Origin-Destination Count Data

Prepared by National Data & Surveying Services
Origin Destination Study

Project: 24-430098
 City: Middleton, MA

Date: 6/4/2024
 Day: Tuesday

Time	Origin Destination (# of Vehicles)					
	Point A to Point B From Maple St (W) to Boston St (SR)		Point B to Point A From Boston St (E) to Maple St (NR) via SR 114/5/Maint St		From	
	Cars	Buses	Single Unit	Combo Unit	Cars	Buses
7:00 AM	40	0	1	0	23	0
7:15 AM	53	0	1	0	38	0
7:30 AM	50	1	4	0	27	0
7:45 AM	41	1	3	0	26	0
8:00 AM	19	0	0	0	16	0
8:15 AM	26	0	2	2	32	0
8:30 AM	32	0	1	1	12	0
8:45 AM	36	0	2	0	21	0
9:00 PM	31	0	1	0	29	1
9:15 PM	25	0	1	1	25	0
9:30 PM	24	0	0	0	35	0
9:45 PM	24	0	0	2	26	1
5:00 PM	40	0	0	0	43	0
5:15 PM	39	0	0	1	45	0
5:30 PM	34	0	0	0	40	0
5:45 PM	22	0	1	0	40	0
Total:	516	2	17	7	478	2

