



Town of Merrimac, Massachusetts

PART A – Executive Summary

September 2021



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Introduction

The Institute for Human Centered Design (IHCD) has prepared this report on behalf of the Town of Merrimac as part of the Town's on-going effort to assess the current level of Americans with Disabilities Act (ADA) compliance in programs, services and activities and Town-owned facilities. In preparing for this report, IHCD teams surveyed the Town's portfolio of facilities and properties that were included in the Request for Proposal.

The building facility survey set includes five (5) public buildings including two (2) public schools. Specifically, survey locations included the Council on Aging, the Library the Town Hall and the Donaghue and Sweetsir Schools. There were three (3) semi-public survey locations comprised of the Fire Station, the Light Department and the New Police Station. The outdoor facility set includes eight (8) locations comprised of Emery Street Park, the Playground on Locust Street, Steven's Playing Field, Town Forest Fields, Lower Corner Cemetery on East Main, Locust Grove Cemetery, and a combined report for Church Street Cemetery and the abutting Veterans Memorial. A survey of sidewalks and walkways, or the lack thereof, along approximately ten miles of streets was also provided. The accessibility survey includes spaces where the Town offers programs, services and activities to members of the public.

IHCD has submitted separate reports for each facility that was surveyed. To assist in prioritizing accessibility improvements to ensure compliance with Title II of the ADA, each of the facility reports includes an overview that identifies the most substantial accessibility issues and order of magnitude cost estimates for corrective action. Additionally, a detailed catalog that supplements the ADA Self-Evaluation narrative is also included. The catalog provides element-by-element photos of compliance issues, location and measurements – when applicable – at each assessed facility accompanied by recommendations and cost estimates for addressing each accessibility issue.

In addition, a spreadsheet of priorities for corrective action organized by type of building or location and including order-of-magnitude costs was provided to the Town. When the Town presents findings and recommendations to the community and receives feedback, some recommendations may need cost adjustment. These spreadsheets are a capital planning and budgeting tool – the "ADA Transition Plan" – and are intended as a long-term resource to update as work is completed. The Town should make a good faith effort to complete the work in a reasonable time (IHCD recommends a three (3) to five (5) year period). The ADA

regulations do not set out precise timeframes to complete the work; IHCD bases the timeframes on conversations with the Department of Justice (DOJ) and their Project Civic Access settlement agreements with municipalities.

Together, the ADA Self-Evaluation and ADA Transition Plan will enable the Town to make substantial progress in meeting its ADA responsibilities. The recommendations for corrective action that apply to policies and procedures of the ADA Self-Evaluation are not included in the ADA Transition Plan since the Transition Plan spreadsheet is limited to capital accessibility issues. Policy and procedure recommendations, covered in detail in the provided *Part B – Evaluation of Non-discriminatory Policies & Practices in Programs, Services & Activities report*, are a blueprint for meeting compliance responsibilities other than capital expenses. The ADA administrative requirements help ensure that the needs of people with disabilities are addressed in all services, programs and activities that the Town offers.

Most of the Town-owned facilities that have been recently altered or renovated are substantially accessible and meet most architectural requirements. Continued facility alterations, and/or renovations will significantly reduce barriers and help realize the Town's commitment to inclusion and equal rights. In the meantime, the greatest problems posed by existing barriers can be ameliorated by establishing policies and procedures to accommodate members of the community with disabilities. It is worth noting that the Town has taken several significant steps in this direction:

- The Town of Merrimac has hired a consultant (IHCD) to undertake its ADA self-evaluation (as the basis for the Town's Transition Plan).
- The Town of Merrimac has an ADA Coordinator in place.

IHCD's review and recommendations of Town-owned facilities is based on compliance with the 2010 ADA Standards if an element or elements are not compliant with the 1991 ADA Standards and/or 521 CMR of the Massachusetts Architectural Access Board (MAAB). Best practice and inclusive design recommendations are also provided for each property. Inclusive design recommendations include elements that are *not* required in the accessibility standards, but may create enhanced experiences for all users.

Many key facilities are generally usable by people with disabilities but are not in full compliance with current accessibility requirements. The Town Hall, for instance, provides access to many programs and can be accessed by most people because the building features a

largely accessible entrance and routes through the building. Yet some of the key areas, such as the selectmen's meeting room on the first floor and in the Town Hall auditorium on the second floor have accessibility issues in that audible communication appears to be integral to the use of both assembly areas, but neither room appears to have an assistive listening system. There are also correctable issues with the toilet rooms in Town Hall, and there is a lack of a drinking fountain for standing users on both the ground and first floors. The Senior Center is another example of a facility that provides access to most programs. That said, on the day of the survey there were tables and chairs placed in some of the accessible parking spaces. There was also a lack of knee and toe clearance at the sinks in the meeting room and library, and while the Senior Center does have an assistive listening system, it lacks fully accessible toilet rooms, which many individuals with mobility disabilities require.

Even the newly constructed Police Station, while largely accessible, had identified accessibility issues in areas that were used by members of the public. These included lack of the minimum required maneuvering clearance at exit doors from two single-user toilet rooms and a sink in the meeting room that lacked knee and toe clearance positioned for a forward approach.

The Town may comply with the requirements of Title II of the ADA through means such as reassignment of programs or services to accessible buildings or delivery of services at alternate accessible sites. The Town may also comply with the requirements by renovation or alteration of existing facilities and/or construction of new facilities, or any other methods that result in making the Town's services, programs or activities readily accessible to and usable by individuals with disabilities. Note that a public entity is not required to make structural changes in existing facilities where other methods are effective in achieving compliance with its Title II obligations.

In choosing among available methods for meeting the requirements of the ADA, the Town of Merrimac shall give priority to those methods that offer services, programs, and activities to qualified individuals with disabilities in the most integrated setting appropriate.

In order to comply with the program accessibility obligations, the Town of Merrimac should consider:

1. Relocation of its programs, services and activities within a current facility.

Often the simplest solution is for the Town to use what it already has in place. IHCD strongly recommends the relocation of programs, services and activities to accessible

locations within current facilities when possible.

2. Relocation of its programs, services and activities to another facility.

When it is not possible to relocate them within the current facility, program, services, and activities should be relocated to an accessible facility.

3. Renovation/alteration of Town facilities to ensure access to programs, services and activities.

The Town may consider the renovation of its facilities or the provision of new accessible facilities to ensure that the programs, services and activities are offered in the most integrated seating possible.

Note: any corrective actions needed to ensure program accessibility must comply with the requirements of the 2010 ADA Standards and/or 521 CMR.

Furthermore, when completing alterations/renovations, keep in mind that an alteration that decreases the accessibility of a building below the requirements for new construction at the time of the alteration is prohibited.

To determine which buildings must be made accessible, the Town should consider:

- How to provide the program in the most integrated setting appropriate;
- The locations where the activities are offered;
- Which facilities are accessible and to what extent.

Key Recommendations for Municipal Facilities:

- Ensure there is an accessible route from all arrival points to those areas in the building where public programs, services and activities are provided. For example, at Town Hall, there is a handrail on only one side at the exterior stairs connecting to the entry door on the south side of the building, and at the interior stairs by the main entrance and lift. In addition, a section of the egress stairs on the second-floor lacks handrails on both sides, and egress stair handrails on the first floor do not extend 12” beyond the bottom riser.

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- If parking is provided, ensure fully accessible parking spaces are provided. There are issues with accessible parking at multiple locations such as lack of or noncompliant accessible parking spaces, access aisles and signs. For example, at the Senior Center there is lack of an identification sign with the International Symbol of Accessibility (ISA) at three (3) accessible parking spaces and lack of an identification sign with the designation “Van Accessible” at the van accessible parking space. At Town Forest Field Fields one of the parking issues included lack of a paved parking area surface. The narrative report for Town Forest Fields includes a suggestion for how to identify parking spaces and access aisles at unpaved lots.
 - Ensure that fully accessible toilet rooms are provided in the building. Where it is technically infeasible to provide accessible multi-user toilet rooms, provide an accessible single-user toilet room in the same area as the existing multi-user toilet rooms. In situations where portable toilets are provided, ensure an accessible portable toilet is provided and that it is located on an accessible route.
 - Ensure that where programs, services or activities are offered there is a sufficient number of accessible features (accessible counters, accessible work surfaces, etc.). For example, the Donaghue School and Sweetsir School both lack an accessible dining surface in the cafeteria.
 - If audible communication is integral to the use of the space, provide a compliant assistive listening system. This should be a priority at the aforementioned Town Hall, at the Donahue School in the music room and speech classroom and at the Sweetsir School cafeteria where there is a stage.
 - Ensure that those features of facilities and equipment that are required to be readily accessible to and usable by persons with disabilities are maintained in operable working condition (e.g., elevators or automatic door openers).

Key Recommendations for Public Schools:

- Ensure that fully accessible toilet rooms are provided in each building. As mentioned before, where it is technically infeasible to provide accessible multi-user toilet rooms, provide an accessible single-user toilet room in the same area as the existing multi-user toilet rooms. If there is a toilet room in unique rooms such as a nurse’s office, ensure that a

fully accessible toilet room is provided. This includes maintaining the clear floor space (free of any stored items) at all fixtures.

- Ensure that accessible sinks (with knee and toe clearance) are provided in at least one classroom per grade, if a sink or sinks are provided in those rooms. If accessible sinks are already provided, ensure they have insulated pipes.
- Ensure accessible work surfaces are provided in at least one classroom per grade. Furthermore, ensure that specialized classrooms (e.g., labs, art rooms, etc.) have accessible work surfaces.
- Ensure that all elements in the classrooms are within reach range (e.g., emergency showers, first aid kits and dispensers).
- If audible communication is integral to the use of a space, provide a compliant assistive listening system. Also, if the assistive listening system requires batteries, insure the system is regularly checked so it will be in operable working condition if needed.

Key Recommendations for Parks, Playgrounds and Open Spaces Including Areas of Sport Activity at Schools:

- Ensure there is an accessible route to all elements in the park/outdoor space an area of sport activity (baseball fields, basketball courts, playgrounds, picnic areas, toilet facilities, etc.). For example, the following image uses yellow lines to show proposed accessible routes between elements of sport activity at the Donaghue School:



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- Ensure there is a clear floor space adjacent to the bench at team seating areas and spectator seating areas at the baseball fields, basketball courts, etc.
 - Ensure that accessible routes are provided to and around playgrounds; in addition, ensure that an impact-attenuating accessible route is provided in the play area to all play components.

Note: The Massachusetts Architectural Access Board (MAAB) does not consider engineered wood fiber (EWF) to comply with its regulation requiring an accessible route to and around playground equipment.

- Where benches are provided, provide an accessible route to at least one bench in each distinct area of each park.
- Ensure that at least 5% but no less than one of amenities such as picnic tables and portable toilets are accessible.

Key Recommendations for Parking Lots:

- Ensure that exterior accessible routes are maintained in operable working condition, prevent accumulation of water, and are free of level changes greater than ¼ inch.
- Ensure the cross slope of exterior accessible routes does not exceed 1:50 (2.00%).
- Provide compliant curb ramps with landings.
- Mount visual signs so that the baseline of the lowest character is 40" min. above the ground or finished floor. (Note, parking identification signs should be 60" min. above the ground measured to the bottom of the sign and, 96" max. above the ground measured to the top of the sign.)
- Add the designation "Van Accessible" to van accessible parking spaces.
- Ensure parking signs are maintained. For example, IHCD team identified accessible parking signs at the Sweetsir School that were so faded as to be illegible.



Town of Merrimac, Massachusetts

PART B – Evaluation of Non-discriminatory Policies & Practices in Programs, Services & Activities

August 2021

Prepared by the



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Part B – Evaluation of Non-discriminatory Policies & Practices in Programs, Services & Activities

Introduction

In an effort to provide and maintain compliance with the American with Disabilities Act (ADA), the Town of Merrimac contracted with the Institute for Human Centered Design (IHCD) to undertake a comprehensive assessment of its policies, practices and procedures as well as its facilities to determine compliance with the requirements of the Americans with Disabilities Act (ADA). The review and recommendations provided in this assessment also go beyond strict compliance assessment to recommend enhancements to current conditions that would result in a more usable, inclusive and welcoming environment for members of the Merrimac community.

Information about corrective action will include recommendations based on Title II of the ADA as well as recommended “*best practices*” for each aspect that requires action.

The assessment included non-discrimination in policies, practices and procedures for all of the Town’s programs, services and activities including those related to effective communication and policies, practices and procedures relative to employment.

Corrective action is needed in policies and procedures to create written policies that would ensure the Town of Merrimac’s compliance with applicable laws. In addition, the Town may wish to consider making a commitment to a more accessible website. Choosing to make the website completely accessible would make it available to site visitors who use assistive technology such as screen readers as well as to website visitors with a mix of other functional limitations. The website is also a valuable asset in communicating the Town’s commitment to equal opportunity for people with disabilities through a clear statement and contact information for the ADA Coordinator. It can also provide a helpful opportunity to share information about accessible routes to reaching the Town’s programs and activities including meetings as well as requesting effective communication or modification of policies. This report summarizes IHCD’s findings of ADA Title II compliance. The information pertinent to this assessment was obtained by an on-line ADA questionnaire developed by the Institute for Human Centered Design (IHCD) and submitted by departments from the Town of Merrimac, and from the Town’s website. IHCD received seven (7) department responses.

This mix of sources constitutes the basis for this compliance assessment report. It is clear that the Town understands its obligations under Title II of the ADA, but additional steps are necessary to ensure that people with disabilities enjoy the same opportunities to participate in its programs, services and activities as Merrimac residents without disabilities.

Analysis

Title II of the ADA prohibits discrimination on the basis of disability. Specifically, Title II requires that:

No qualified individual with a disability shall, on the basis of disability, be excluded from participation in or be denied the benefits of the services, programs, or activities of a public entity, or be subjected to discrimination by any public entity (28 CFR Part 35.130 (a)).

This report is divided into sections where these requirements apply. Each section includes the applicable citation from Title II of the ADA; IHCD's summary of findings after reviewing answers from the ADA questionnaire and information from the website and other previously mentioned sources. It also includes IHCD's recommendations for the Town of Merrimac to implement.

I - Designation of Responsible Employee

Title II of the ADA makes clear that a public entity must designate a responsible employee and adopt grievance processes.

A public entity that employs 50 or more persons shall designate at least one employee to coordinate its efforts to comply with and carry out its responsibilities under this part, including any investigation of any complaint communicated to it alleging its noncompliance with this part or alleging any actions that would be prohibited by this part. The public entity shall make available to all interested individuals the name, office address, and telephone number of the employee or employees designated pursuant to this paragraph. (28 CFR Part 35.107 (a)).

Title II provides little specific guidance for implementing this requirement, but the primary role of the designated employee, also called the ADA Coordinator, is making sure that the Town is in compliance with the ADA.

Finding

The Town of Merrimac has met its obligation to designate a responsible employee by designating Robert Sinibaldi, the Director of Public Works, as the ADA Compliance Officer.

Recommendations

The Town should clarify for its entire community and Town employees the name, contact information and scope of responsibilities of the ADA Compliance Officer. Highlighting this information will improve compliance and make for more efficient operations with respect to meeting the needs of members of the public with disabilities. Include the ADA Compliance Officer's name and contact information on the Town's Accessibility webpage.

Furthermore, clarification regarding the ADA Compliance Officer will:

- Make it easier for the Town to be proactive in meeting the needs of members of the public with disabilities;
- Help the Town to develop and articulate a clear vision and mission with regard to members of the public with disabilities;
- Reduce confusion and improve the Town's day-to-day operations with respect to members of the public with disabilities;
- Permit employees to respond more quickly to needs as they arise because they have a primary contact for addressing their needs;
- Build in-house expertise and capacity;
- Prevent confusion and help ensure that candidates for employment, employees and the public have a clear understanding of their responsibilities and rights under the ADA.

II – Grievance Procedures

Title II of the ADA requires a public entity to adopt an adequate grievance process.

A public entity that employs 50 or more persons shall adopt and publish grievance procedures providing for prompt and equitable resolution of complaints alleging any action that would be prohibited by this part. (28 CFR Part 35.107 (b))

Findings

The Town of Merrimac does not have a Grievance Procedure nor have most departments developed an internal method for addressing complaints. Town employees did express a desire for guidance in developing a process. When asked if they had a Grievance Procedure, respondents indicated, “none, looking for guidance” or “we have not implemented any” or “currently being examined for compliance and protocol adherence.” A survey response did indicate that the Board of Selectmen investigates complaints and provide corrective action or explanation.

Recommendations

The Town should take steps to clarify its Grievance Procedure regarding members of the public.

IHCD recommends:

- Include the Grievance Procedure form and state the commitment to provide copies in accessible formats upon request on the Town's “Accessibility” webpage.
- Ensure good record keeping for all complaints submitted and documentation for steps taken towards resolution. Distribute the Grievance Procedure to all department heads, and post copies of it in noticeable locations in each of the Town's public buildings.
- Ensure Town employees and the public are aware of the Grievance Procedure process and that Town employees can provide information to members of the public about the process when appropriate.

- Ensure the complete contact information for the ADA Compliance Officer including name, address, email and phone number is kept up-to-date and included in the Grievance Procedure. [See attachment #1 at the end of the document]

III – Notice

Title II of the ADA requires that public entities notify participants of its non-discrimination policies:

A public entity shall make available to applicants, participants, beneficiaries, and other interested persons information regarding the provisions of this part and its applicability to the services, programs, or activities of the public entity, and make such information available to them in such manner as the head of the entity finds necessary to apprise such persons of the protections against discrimination assured them by the Act and this part. (28 CFR Part 35.106)

Findings

The Town of Merrimac does have an ADA Notice, but the ADA Notice could not be found on the Town's website or on meeting agendas nor is placement in public buildings guaranteed. Town employees did express a desire for guidance. It is also not clear that Town employees understood the purpose of the ADA Notice nor whether the Town's ADA Notice has all of the required components. Survey responses indicated that the ADA Notice is posted within the Council on Aging and the Library.

Recommendations

- Publish the Notice in all the materials distributed by the Town; post the Notice on the Town's 'Accessibility' webpage and social media when the Town begins to use social media; and post copies in public locations in the Town's buildings.
- Distribute the Notice to all department heads. Copies should also be provided to any person upon request.
- Update and include the ADA Compliance Officer's name, address, telephone number and email address in materials and publications that contain general information disseminated to staff and members of the public.

[See attachment #2 at the end of the document]

IV - Reasonable Modification of Policies, Practices and Procedures

Title II of the ADA requires state and local governments to modify its policies when necessary to avoid discrimination:

A public entity shall make reasonable modifications in policies, practices, or procedures when the modifications are necessary to avoid discrimination on the basis of disability, unless the public entity can demonstrate that making the modifications would fundamentally alter the nature of the service, program, or activity. (28 CFR Part 32.130 (b)(7))

Findings

A public entity must make reasonable modifications in policies, practices, or procedures unless the modification would fundamentally alter the nature of the service, program, or activity. From the responses submitted by staff, there is no evidence that the Town was unable to provide a reasonable modification. The Town of Merrimac is a small town, and people are willing to help one another. However, only one response from the Council on Aging indicated that the department has policies for providing reasonable modifications upon request. Of concern or at least worth noting, one respondent indicated that the Library's magnifier is broken.

Recommendations

- The Town should develop written policies and procedures to ensure compliance with the ADA.
- Ensure that Town employees can provide information to members of the public about the process of requesting reasonable modification of policies when appropriate.
- Ensure that the form for requesting reasonable modifications of policies is on the Town's website, and state the commitment to provide copies in accessible formats upon request.
- Update and include the ADA Compliance Officer's name, address, telephone number and email address on materials and publications that contain general information disseminated to staff and members of the public.
- IHCD, through its New England ADA Center, can provide training for the Town of Merrimac on the Town's ADA obligations, including the administrative requirements and providing reasonable modifications. This training would be appropriate for department heads and public-facing Town staff in order to build confidence about rights and responsibilities under the ADA and to build capacity within the Town to comply with this important element of the ADA.

V – Eligibility Criteria

A Title II entity may not impose eligibility criteria that may prevent a person with a disability from participating in its programs, services or activities:

A public entity shall not impose or apply eligibility criteria that screen out or tend to screen out an individual with a disability or any class of individuals with disabilities from fully and equally enjoying any service, program, or activity, unless such criteria can be shown to be necessary for the provision of the service, program, or activity being offered. (28 CFR Part 35.130 (8)).

This requires that ADA Title II entities may not impose eligibility criteria that either screen out or tend to screen out persons with disabilities, unless it can show that such requirements are necessary for the provision of the service, program or activity.

Findings

To qualify for services through the Council on Aging, a person must be over 60 years old or be a person with a disability, and to qualify for services through the Veteran's Office, a person must be a Veteran or a spouse of a Veteran. These requirements might be necessary for the provision of the service, program or activity, and are permitted under the ADA.

VI – Employment and Reasonable Accommodation

Title II of the ADA prohibits discrimination on employment on the basis of disability:

No qualified individual with a disability shall, on the basis of disability, be subjected to discrimination in employment under any service, program, or activity conducted by a public entity. (28 CFR Part 35.140 (a)).

Under the ADA, an employer has to provide reasonable accommodations to qualified individuals with disabilities who are employees or applicants for employment, unless to do so would cause undue hardship (significant difficulty or expense). A reasonable accommodation may include modifying work schedules, job restructuring, and making facilities used by employees readily accessible to employees with a disability.

Findings

From the responses to the ADA Questionnaire, there is no evidence that the Town has failed to provide reasonable accommodations to its employees. Six (6) of the seven (7) staff who completed the survey indicated that their department has adopted non-discriminatory employment practices and policies for recruitment, hiring, promotion or layoff, etc. Ensure that these nondiscrimination policies include providing reasonable accommodations and testing accommodations to applicants and employees with disabilities upon request.

Recommendations

- Ensure that materials and publications that contain general information disseminated to the Town's employees include information on the requirements of reasonable accommodation under the ADA.
- Provide information on the Town's website about who to contact regarding reasonable accommodation requests and the process for requesting a reasonable accommodation.
- Provide information on the Town's website about who to contact regarding a grievance and the process for filing a grievance.
- In the Employee handbook include a section regarding the ADA and disability similar to the Harassment section.

- On the Town’s website include an Equal Opportunity Employment statement that includes people with disabilities.
- IHCD recommends that Town of Merrimac employees familiarize themselves with the excellent free national resource from the Job Accommodation Network (<https://askjan.org>).
[See attachment #3 at the end of the document]

VII – Effective Communication through Auxiliary Aids and Services

Title II entities are required to provide appropriate auxiliary aids and services to ensure “effective communication” with people with disabilities. This obligation applies to all members of the public with disabilities including job applicants, program participants and people who are seeking information about the Town’s programs, services or activities. Specifically, Title II requires that:

A public entity shall take appropriate steps to ensure that communications with applicants, participants, members of the public, and companions with disabilities are as effective as communications with others. (28 CFR Part 35.160 (a)).

Auxiliary aids and services are devices or services that enable effective communication for people who have vision, hearing, or speech disabilities (communication disabilities), use different ways to communicate. The type of auxiliary aid or service necessary to ensure effective communication will vary in accordance with the length and complexity of the communication involved (e.g., a query at a service counter in the Town Offices, a meeting, a job description).

The obligation to communicate effectively with people who have disabilities applies to the presentation and exchange of information in all forms including sound, print, graphics and voice.

Furthermore, this requirement may include but is not limited to providing sign language interpreters, telephone handset amplifiers, Telecommunication Devices for Deaf persons (TDD’s), note takers, written materials for persons who are deaf or hard of hearing or transcripts, braille, digital or audio information for persons who are blind or have difficulty seeing.

The decision about what auxiliary aid is appropriate should evolve from a consultation between the ADA Title II entity (Town of Merrimac) and individuals with disabilities wherever possible to ensure effective communication. In many cases, more than one type of auxiliary aid or service may make effective communication possible. While consultation is always strongly encouraged to achieve effective communication, the Town of Merrimac and all public entities are required to give primary consideration to the requests of individuals with disabilities. The effective communication obligation does not require the Town to take any action that would result in a fundamental alteration in the nature of its services, programs or activities or that would impose an undue financial and administrative burden.

Findings

Though some staff are not aware of the Town's ADA Effective Communication obligation, there is no evidence that the Town has failed to provide Effective Communication to people with disabilities upon request and are genuinely willing to help citizens. "We do whatever we need to assist all residents." Methods of providing effective communication run the gambit from talking on the telephone, emailing, texting, police officers going door-to-door in an emergency to providing braille, large print, ebooks and resources from the Perkins School of the Blind.

Recommendations

The Town should consider developing and publicizing clear processes for members of the public and employees to request auxiliary aids and services:

- The Town of Merrimac would benefit from a written policy on Effective Communication so staff across all departments has an understanding of their responsibility and clarity about what to do.
- Distribute the Effective Communication notice to all department heads; publish it in a local newspaper of general circulation serving the Town; in all materials regarding the Town's programs, services or activities and on the Town's website home page. Copies should also be posted in prominent locations in the Town's public buildings.
- Staff should clearly understand the responsibility to provide auxiliary aids and services where necessary to afford qualified individuals with disabilities, including applicants, participants, companions, and members of the public, an equal opportunity to participate in, and enjoy the benefits of, a service, program, or activity of a public entity. (28 CFR Part 35.153 (b)). Staff should also clearly understand the process for requesting auxiliary aids and services when needed.
- Staff needs to understand the scheduling time necessary in requesting a sign language interpreter or Computer-Aided Real-Time Transcription (CART) through the Commission for the Deaf and Hard of Hearing or other provider.
- Interpreters must be qualified.

Note: A "qualified" interpreter means someone who is able to interpret effectively, accurately, and impartially, both receptively (i.e., understanding what the person with the disability is saying) and expressively (i.e., having the skill needed to convey information back to that person) using any necessary specialized vocabulary.

- Members of the public also need to have a clear understanding of the process for requesting auxiliary aids and services and the time period in which a request must be made if it involves ASL interpreters, CART, or special equipment such as assistive listening devices that may need

to be rented. This information should be included in the general information for the public as well as on the Town's website.

- In determining what type of auxiliary aid or service is necessary to comply with Title II of the ADA, the Town should give primary consideration to the expressed preference for a particular auxiliary aid or service by deaf and hard of hearing individuals. Primary consideration means that the Town of Merrimac will inquire as to the choice of auxiliary aid or service of the person with a disability and will honor the expressed choice unless the Town can demonstrate that another equally effective means of communicating is available.
- Ideally, the Town should develop a system for training staff to meet these responsibilities especially knowing the processes for securing braille, making large print, other types of accessible formats, understanding how to request interpreters or CART and the length of time needed prior to an event. It is also important that staff know how to use and maintain the assistive listening systems and other special devices to assist people with disabilities to enjoy effective communication.
- IHCD, through its New England ADA Center, can provide a training for the Town of Merrimac on effective communication that would be appropriate for department heads and public-facing Town staff in order to build confidence about rights and responsibilities and to build capacity within the Town to comply with this important element of the ADA.

Sample of Effective Communication request:

"The Town of Merrimac is committed to the full participation of people with disabilities. Any person with a disability who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in the Town's programs, services, activities and committee meetings, should contact the office of the ADA Compliance Officer (Name, Address, Phone number and Email) as soon as possible but no later than 48 hours* before the scheduled event." (*if the Town needs 2 or 3 weeks or longer to ensure an interpreter, then it must be clearly stated).

- Ensure that information and resources at each department interacting with the public are available in accessible format. That could be done by having a large print sign at each department and on each department's portion of the website stating:

"All of our materials are available, upon request, in accessible format such as audio, large print or braille."

- Ensure that staff interacting with the public is fully trained on how to respond to TTY and relay calls for telephone communications with people who are deaf, have difficulty hearing or have speech disabilities.

Even though there is a fundamentally changed pattern among people who are deaf or hard-of-hearing in relation to communication technology, TTY remains a compliance requirement. Because of these advances in communication technology, some people who are deaf and people with speech disabilities no longer have TTYs in their homes and rely instead on instant messaging, text messaging, email, or the video communication features of computers.

- Ensure that the Town's website and other web-based services are accessible to people with disabilities. It is the Department of Justice position that when services are provided on a website, those services too must be made accessible. (see www.ada.gov/mclennan_pca/mclennan_sa.html *Section K on Web Based Services and Programs*)
- To address these Information and Communication Technology (ICT) issues, Merrimac should commit to fixes and maintenance of the website accessibility. All staff should undergo training on accessibility best practices for posting web content and creating accessible documents. All third-party software should be properly vetted for compliance with WCAG 2.0 AA and section 508 of the Rehabilitation Act.
- Ensure the newsletter from the Council on Aging is provided in accessible formats.
- IHCD recommends providing web forms or accessible fillable PDF's for all the forms available on the Town's website.
- Include captioning for all the videos available on the Town's website and social media when the Town begins to use social media.
- Include alternative text descriptions for all photographs and images available on the Town's website and social media when the Town begins to use social media.
- Additionally, under Title II of the ADA, emergency programs, services and activities must be accessible to people with disabilities. Ensure that the Town takes the necessary steps to effectively communicate with people with disabilities and make the emergency plan available on the Town's website and update the emergency procedure as often as is necessary.

Also, it is the Department of Justice position that police stations provide sign language interpreters in a timely manner when requested.

- Non-scheduled Interpreter Requests: A "non-scheduled interpreter request" means a request for an interpreter made by an inmate, visitor, companion, or other member of the public, who is deaf

or hard of hearing with less than two (2) hours advanced notice. For non-scheduled interpreter requests, the interpreter shall be provided no more than two (2) hours from the time of the request for an interpreter if the service is provided through a contract interpreting service or a staff interpreter who is located off-site or 30 minutes from the request for an interpreter if the service is provided through a Video Remote Interpreting service.

- **Scheduled Interpreter Requests:** A “scheduled interpreter request” is a request for an interpreter made two (2) or more hours before the services of the interpreter are required. For scheduled interpreter requests, the Police Department will make a qualified interpreter available at the time of the scheduled appointment. If an interpreter fails to arrive for the scheduled appointment, upon notice that the interpreter failed to arrive, the Police Department will immediately use reasonable efforts to call an interpreter service for another qualified interpreter or provide a Video Remote Interpreting service.

VIII – Emergency Preparedness, Evacuation Plans, and Emergency Shelters

While a review of the Town of Merrimac’s emergency preparedness, evacuation plans and emergency shelters was not part of this RFP, as evidenced by recent U.S. Department of Justice’s (DOJ) Project Civic Access settlement agreements, DOJ’s views on emergency preparedness, shelters and evacuation plans are critical components of a Town’s responsibilities related to accessibility.

Recommendations

- Visibly post up-to-date floor plans for all buildings;
- Post information about evacuating people unable to use stairs;
- Develop evacuation plans for each facility;
- As plans are developed or revised, adopt policies to ensure that community evacuation plans enable people with disabilities, including those who have mobility, vision, hearing, or cognitive disabilities, mental illness, or other functional limitations, to safely self-evacuate or to be evacuated by others. Until all emergency shelters are accessible with parking, exterior routes, entrances, interior routes to the shelter area, and accessible toilet rooms serving the shelter area, the Town should identify and widely publicize to the public, including persons with disabilities and the organizations that serve them, the locations of the most accessible emergency shelters.

For more information:

Making Community Emergency Preparedness and Response Programs Accessible to People with Disabilities - <http://www.ada.gov/emergencyprepguide.htm>

ADA Tool kit: Emergency Management -

<http://www.ada.gov/pcatoolkit/chap7emergencymgmt.pdf>

FEMA Guidance on Planning for Integration of Functional Needs Support Services in General Population Shelters - http://www.fema.gov/pdf/about/odc/fnss_guidance.pdf

Additionally, we recommend considering engaging the National Fire Protection Association (NFPA) for evacuation training and guidance, providing and load verifying backup power source for elevator to address Functional Needs Support Services (FNSS) emergency shelter needs, installing one or more accessible showers to meet emergency shelter needs and providing backup power for charging batteries for wheelchairs or breathing equipment and refrigeration for medication to meet emergency shelter needs.

Based on this review, IHCD recommends the following:

- Ensure that the input and needs of staff and visitors with disabilities are included in all phases of emergency management planning. When developed, involve the participation of members of the municipal Commission on Disability.
- Ensure that communication with members of the public with disabilities is as effective as communication with any members of the public.
- Make the evacuation procedure available on the Town's website in an accessible format and update the evacuation procedure as often as necessary.

Attachment #1

Sample Grievance Procedures

Long Version

Americans with Disabilities Act Grievance Procedure

This grievance procedure is established to meet the requirements of the ADA. It may be used by anyone who wishes to file a complaint alleging discrimination on the basis of disability in the provision of services, activities, programs, or benefits by the (Name of Public Entity).

The complaint should be in writing and contain information about the alleged discrimination such as name, address, phone number, email address of complainant and location, date, and description of the problem. Alternative means of filing complaints, such as personal interviews or a tape recording of the complaint will be made available for persons with disabilities upon request.

The complaint should be submitted as soon as possible, preferably within 60 calendar days of the alleged violation to:

(ADA Coordinator name and contact information).

Within 15 calendar days after receipt of the complaint, (name of ADA Coordinator) will meet with the complainant to discuss the complaint and the possible resolutions. Within 15 calendar days of the meeting, (name of ADA Coordinator) will respond in writing, and where appropriate, in format that is accessible to the complainant, such as large print, braille, or audio tape. The response will explain the position of the (Name of Public Entity) and offer options for substantive resolution of the complaint. If the response by (name of ADA Coordinator) does not satisfactorily resolve the issue, the complainant may appeal the decision within 15 calendar days after receipt of the response to the (Head of Public Entity) or designee.

Within 15 calendar days after receipt of the appeal, the (Head of the Public Entity) or designee will meet with the complainant to discuss the complaint and possible resolutions. Within 15 calendar days after the meeting, the (Head of the Public Entity) or designee will respond in writing, and, where appropriate, in a format that is accessible to the complainant, with a final resolution of the complaint.

Short Version

Americans with Disabilities Act Grievance Procedure

Complaints concerning discrimination on the basis of disability by the (Name of Public Entity) may be sent to (ADA Coordinator name and contact information). (Name of ADA Coordinator) will contact the

complaint within 15 calendar days after receipt of the complaint to discuss the complaint and will respond in writing within 15 days of the discussion.

Attachment #2

Sample ADA Notice

Long Version

Americans with Disabilities Act Notice

(Name of Public Entity) does not discriminate on the basis of disability in its services, programs, or activities.

Employment: (Name of Public Entity) does not discriminate on the basis of disability in its hiring or employment practices and complies with the ADA title I employment regulations.

Effective Communication: (Name of Public Entity) will, upon request, provide auxiliary aids and services leading to effective communication for people with disabilities, including qualified sign language interpreters, assistive listening devices, documents in Braille, and other ways of making communications accessible to people who have speech, hearing, or vision impairments.

Modifications to Policies and Procedures: (Name of Public Entity) will make reasonable modifications to policies and procedures to ensure that people with disabilities have an equal opportunity to enjoy programs, services, and activities. For example, people with service animals are welcomed in (Name of Public Entity) offices, even where pets and other animals are prohibited.

Requests: To request an auxiliary aid or service for effective communication, or a modification of policies or procedures contact (ADA Coordinator name and contact information) as soon as possible, preferably XX days before the activity or event.

Complaints: Send complaints to (ADA Coordinator name and contact information).

Short Version

Americans with Disabilities Act Notice

The (Name of Public Entity) does not discriminate on the basis of disability in its programs, services, activities and employment practices.

If you need auxiliary aids and services for effective communication (such as a sign language interpreter, an assistive listening device or print material in digital format) or reasonable modification to programs,

services or activities contact the ADA Coordinator as soon as possible, preferably XX days before the activity or event.

A grievance procedure is available to resolve complaints.

Upon request, this notice is available in alternative formats such as large print or Braille.

(ADA Coordinator name and contact information)

Attachment #3

Sample ADA Employment Policy

The [NAME of TOWN] is committed to equal opportunity in all aspects of employment for qualified individuals with disabilities. In accordance with the Americans with Disabilities Act (ADA) and other federal and state law, it is the policy of the [NAME of TOWN] to provide necessary reasonable accommodation in employment to any qualified individual with a disability unless the accommodation would impose an undue hardship on the operation of the [NAME of TOWN] or would change the essential functions of the position.

Reference List

ADA Action Guide for State and Local Governments:

- www.adaactionguide.org

Department of Justice:

- Americans with Disabilities Act Title II Regulations:
http://www.ada.gov/regs2010/titleII_2010/titleII_2010_regulations.htm
- Making Community Emergency Preparedness and Response Programs Accessible to People with Disabilities - <http://www.ada.gov/emergencyprepguide.htm>

Federal Emergency Management Agency:

- FEMA Guidance on Planning for Integration of Functional Needs Support Services in General Population Shelters - http://www.fema.gov/pdf/about/odc/fnss_guidance.pdf

Job Accommodation Network:

- <http://www.askjan.org>

New England ADA Center:

- <https://www.newenglandada.org>



Town of Merrimac, Massachusetts

PART C – Self-Evaluation Summary

September 2021



200 Portland Street, First Floor
Boston, MA 02114
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www.IHCDesign.org

Introduction

This Americans with Disabilities Act (ADA) Self-Evaluation report includes a summary of the Town's policies obtained by an on-line ADA questionnaire developed by the Institute for Human Centered Design (IHCD). There was a good response to the survey by department representatives in Merrimac. This Self-Evaluation report also includes a summary of architectural barriers identified during accessibility surveys performed by IHCD teams between April and August 2021.

Together these findings are designed to help move the Town towards full compliance with its obligations under the Title II of the Americans with Disabilities Act (ADA) and/or the 521 CMR Massachusetts Architectural Access Board regulations.

For clarity, this ADA Self-Evaluation report is organized as follows:

- Legal Overview;
- Summary of the Evaluation of Policies in Programs, Services, and Activities;
- Summary of the Evaluation of Facilities.

1. Legal Overview

The Town of Merrimac is obligated by both Federal laws and State codes concerning the rights of people with disabilities in the daily provision of programs, services, and activities. At the end of this report, there is a comprehensive list of relevant laws.

Federal Obligation: American with Disabilities Act (ADA)

Based on the 1964 Civil Rights Act and expanding upon the obligations of the 1973 Rehabilitation Act, the 1990 ADA prohibits discrimination against people with disabilities. The ADA provides civil rights protections to individuals with disabilities similar to those afforded to individuals on the basis of race, color, sex, national origin, age, and religion. The cornerstone of Title II of the ADA, which applies to state and local governments, is clear: no qualified person with a disability may be excluded from participating in, or denied the benefits of, the programs, services, and activities provided by state and local governments because of a disability.

The 2008 Amendments to the ADA (ADAAA), signed into law on September 25, 2008, describes in more detail the range of conditions covered by the civil rights protections of the ADA. The amendments expand the definition of “disability” to include impairments that substantially limit a major life activity and states that when determining whether someone qualifies as having a disability, one cannot take into account assistive devices, auxiliary aids, accommodations, medical therapies and supplies. The amendments also address episodic disabilities that may go into remission but still can significantly limit a major life activity when active, such as epilepsy and post-traumatic stress disorder. The ADA defines a disability as¹:

- A physical or mental impairment that substantially limits one or more major life activities (i.e. working, talking, hearing, seeing, caring for one's self);
- Having a record of a physical or mental impairment that substantially limits one or more major life activities;

¹ To learn more about qualified individuals with disabilities or to read the full text of the ADA, please visit <http://www.ada.gov>

- Being regarded by others as having an impairment such as individuals with severe facial scarring.

It is important to stress that the primary obligation to public entities such as the Town of Merrimac, under Title II of the Americans with Disabilities Act, is to ensure that, when viewed in their entirety, the programs, services, and activities offered are equally available to people with disabilities. The Town is required to follow the 2010 ADA Standards for Accessible Design in new construction and alterations. The 2010 ADA Standards must also be used for corrective actions if existing conditions don't comply with the original ADA Accessibility Guidelines. Municipalities also must relocate programs or otherwise provide access to programs located in inaccessible older facilities (e.g. facilities built before the ADA went into effect January 26, 1992). Ensuring program access may require capital investment when there is no alternative solution and should be a priority for corrective action.

Note that the websites of Title II entities are also considered “*programs*” and should be accessible to the standards of the Web Content Accessibility Guidelines 2.0 AA. ~~A review of the Town of Merrimac’s website is included under the scope of work.~~

The Town must **communicate effectively** with people who have hearing, vision, or speech disabilities. The Town is also required to make reasonable modifications to policies, practices, and procedures where necessary to ensure the equal participation of people with disabilities. Whatever is written or spoken or otherwise communicated must be as clear and understandable to people with hearing, vision, speech or other disabilities as they are defined in the Americans with Disabilities Act as it is for people who do not have disabilities. In addition, the ADA requires the provision of “auxiliary aid and service” to meet the responsibility for effective communication. Auxiliary aids and service refer to readers, notetakers, sign language interpreters, assistive listening systems, open and closed captioning, text telephones (TTYs), videophones, information provided in large print, braille, audible, or electronic formats, and other tools for people who have communication disabilities.

Following the passage of the ADA, the Department of Justice (DOJ) issued the 1991 ADA Standards for Accessible Design to address physical access to facilities and transportation. These standards were based almost exclusively on the US Access Board’s guidelines (ADA Accessibility Guidelines – ADAAG). In 1994, slight technical amendments were made. Then in 2004, the US Access Board issued new guidelines that were promptly adopted by the US Department of Transportation and other federal agencies. But only in 2010 did the Department of Justice issue a revised and updated ADA Standard called the 2010 ADA Standards for Accessible Design (2010

ADA Standards) that would apply to all Title II and Title III entities. These standards revised requirements for policies such as ticketing and service animals, and for physical elements such as assembly seating, established construction tolerances for certain elements and formalized long-standing guidelines for play areas, golf courses, recreational boating facilities, swimming pools, and other recreational facilities.

Facilities that met or exceed the 1991 ADA Standards when they were built or modified are not required to make changes to the new 2010 Standards except in the case of renovation. For elements that are non-compliant, the corrective measures must align with the 2010 ADA Standards. It is not expected that the buildings will meet or be brought up to all of the 2010 ADA Standards absent significant or total renovation. State and local governments must ensure that individuals with disabilities are not excluded from services, programs, and activities because buildings are inaccessible. This means Title II entities do not need to remove physical barriers, such as stairs, in all existing buildings, as long as they make their programs accessible to individuals who are unable to use an inaccessible existing facility.

Alterations to historic properties under the ADA

Alterations to historic properties must comply with the specific provisions governing historic properties in the 2010 ADA Standards, to the maximum extent feasible. Under those provisions, alterations should be done in full compliance with the alteration standards for other types of buildings. However, if following the usual standards would threaten or destroy the historic significance of a feature of the building, alternative solutions may be used. The decision to use alternative solutions for that feature must be made in consultation with the appropriate historic advisory board as designated in the 2010 ADA Standards (for Massachusetts, the Massachusetts Historical Commission), and interested persons should be invited to participate in the decision-making process.

Note that any corrective actions needed to ensure program accessibility would also have to comply with the requirements of the 2010 ADA Standards for historic facilities.

State Obligation:

Massachusetts Constitutional Amendment – Article 114

The Massachusetts Constitution states:

“No otherwise qualified handicapped individual shall, solely by reason of his handicap, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity within the Commonwealth.”

Article 114 is written broadly. It prohibits discrimination based on disability on any level within the state, not just for recipients of state or federal funds. For example, Town meetings must be held in an accessible location with sign language interpreters provided if needed, and the Town cannot refuse to do business with an individual based on the person’s disability.

Massachusetts Architectural Access Board

The Architectural Access Board (AAB) is a regulatory agency whose mandate is to develop and enforce regulations designed to make public buildings accessible to, functional for and safe for use by persons with disabilities. See the Rules and Regulations of the Architectural Access Board 521 CMR. In addition to writing regulations, the Board decides on variance requests, provides training on its regulations, issues advisory opinions and makes decisions on complaints. Local building inspectors are responsible for enforcing the regulations which are a specialized section of the Massachusetts Building Code. See 780 CMR.

The construction, reconstruction, remodeling, alteration, or change of use of a building or facility that is open to the public triggers the authority of the Architectural Access Board. New construction must fully comply.

For renovation, remodeling, or alteration:

- The work being done must comply with the regulations.
- If the work done in any 36-month period is greater than \$100,000, the “work being performed” is required to comply. In addition, an accessible entrance and an accessible toilet room, telephone and drinking fountain (if toilets, telephones and drinking fountains are provided) shall also be provided.
- If the work done in a 36-month period is more than 30% of the “full and fair cash value” of the building², the entire building must come into compliance.

² This is usually the assessed value established by the Town or Town. See 521 C.M.R. § 5.38 for details about establishing value where no assessment exists.

Enforcement: Anyone can file a complaint with the Architectural Access Board. The Board has the authority to issue variances and/or impose fines of up to \$1000 per violation per day of noncompliance with its order.

2. Summary of the Evaluation of Policies in Programs, Services and Activities

Title II of the Americans with Disabilities Act (ADA) prohibits discrimination against qualified individuals with disabilities by public entities. Activities covered include all services, programs and activities offered by the public entity, all aspects of employment, services carried out by contractors, all activities of the local legislative and judicial branches and public transportation.

A thorough understanding of the requirements of Title II of the ADA is an essential responsibility of public entities.

Please note that a complete summary of the Town's policies, practices and procedures is included in Part B – Evaluation of Non – Discriminatory Policies and Practices in Programs, Services and Activities.

The ADA administrative requirements help to ensure that the needs of people with disabilities are addressed in all services, programs and activities that the Town operates. A Title II entity is required to:

1. Designate a Responsible Employee (ADA Title II - 28 CFR Part 35.107 (a)) to coordinate compliance with the ADA. The purpose of having a responsible employee – ADA Coordinator - is to ensure that when the public deals with a state or local government agency, the public is able to identify a person who is knowledgeable with the requirements of the ADA.

The Town of Merrimac has met its obligation to designate a responsible employee as the Town's ADA Coordinator. It has done so by designating Robert Sinibaldi, the Director of Public Works, as the ADA Compliance Officer.

Merrimac should consider clarifying for its entire community and for Town employees the name and scope of responsibilities of the ADA Coordinator. Highlighting this information will improve compliance and make for more efficient operations with respect to the needs of members of the public with disabilities. Mr. Sinibaldi's name and role as ADA Coordinator should be made clear on the Town's website, on employee information, and on other public notifications.

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2. Adopt and distribute a public Notice (ADA Title II - 28 CFR Part 35.106) of the provisions of the ADA to members of the public who may participate in the Town's programs, services and activities. The effective notice should state the Town's obligations under the ADA and include the complete contact information of the ADA Coordinator.

The Town of Merrimac does have an ADA Notice. However, from the responses submitted by staff it appears that the Town does not have a uniform policy regarding its posting for members of the public. Although survey responses indicated that the ADA Notice is posted within the Council on Aging and the Library, some survey respondents requested more guidance on the posting of the ADA notice. What's more, the ADA Notice could not be found on the Town's website or on meeting agendas.

The Town should take steps to clarify the posting of the Notice of Non-Discrimination policy to comply with the ADA Title II that states that public entities shall take initial steps to notify program/service participants, beneficiaries and employees of its obligations.

IHCD recommends distributing the Notice to all department heads, publishing the Notice in all the materials distributed by the Town, posting the Notice on the Town's website home page and posting copies in public locations in the Town's buildings.

3. Develop and distribute Grievance Procedures (ADA Title II - 28 CFR Part 35.107 (b)) for prompt resolution of any complaint regarding disability discrimination.

The Town of Merrimac does not appear to have a Grievance Procedure, nor have most departments developed an internal method for addressing complaints. Some Town employees did express a desire for guidance in developing a process, however.

Furthermore, it is not clear where an employee may file a grievance. It is not clear if staff in all departments is aware of their ADA obligation and the process for meeting the requirements for grievance procedures.

IHCD recommends the Town take steps to develop and clarify its grievance procedure with an associated appeal process by distributing it to all department heads, and posting copies in noticeable locations in each of the Town's public buildings. Furthermore, ensure the Town's employees are aware of the Grievance Procedure process and can provide information to members of the public about the process when appropriate. Ensure the Grievance Procedure form is in an accessible format on the Town website. **Note:** A sample grievance procedure is included at Attachment 1 in the PART B – Evaluation of Non-discriminatory Policies & Practices in Programs, Services & Activities report.

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4. Modify its Policies, Practices and Procedures (ADA Title II – 28 CFR Part 35.130(b)(7)) when necessary to avoid discrimination.

From all of the responses submitted by staff, there is no evidence that the Town was unable to provide a reasonable modification. However, only one survey response indicated that a department has policies for providing reasonable modifications upon request.

IHCD recommends the Town clarify a reasonable modification policy and take additional steps to ensure that Town’s employees can provide information to members of the public about the process of requesting reasonable modification of policies when appropriate. The Town should provide a form for requesting reasonable modifications of policies on the Town’s website, and state the commitment to provide copies in accessible formats upon request.

5. Provide Reasonable Accommodation (ADA Title II – 28 CFR Part 35.140(a)) to qualified employees with disabilities. This requirement may include modifying work schedules, job restructuring, and making facilities used by employees readily accessible to an employee with a disability, or moving the employee, if possible without compromising job responsibilities, to an accessible location.

From the responses to the ADA Questionnaire, there is no evidence that the Town has failed to provide reasonable accommodations to its employees, and all but one respondent indicated that their department had adopted non-discriminatory employment practices and policies for recruitment, hiring, promotion or layoff, etc.

Regarding questions about reasonable accommodations and other related topics, IHCD recommends that the Town of Merrimac becomes familiar with the excellent free national resources from the *Job Accommodation Network* (<https://askjan.org>).

6. Provide Auxiliary aids and services (ADA Title II – 28 CFR Part 35.160) to ensure effective communication with people with disabilities. This provision requires ADA Title II entities to take steps to ensure that communication with members of the public and employees with disabilities is as effective as communication with others. This requirement may include but is not limited to providing sign language interpreters, providing Computer-Assisted-Real-time-Translation (CART), written materials for persons who are deaf or have difficulty hearing, braille or large print information or information in digital format for people who are blind or have difficulty seeing.

Based on survey responses, while some staff are not aware of the Town’s ADA Effective Communication obligation, there is no evidence that the Town has failed to provide Effective Communication to people with disabilities upon request. One department stated “We do whatever we need to assist all residents.”

Given that providing effective communication can be a complicated topic, the Town of Merrimac may wish to note that IHCD’s New England ADA Center staff can provide training on effective communication if the Town is interested in that service.

The Town should consider developing and publicizing clear processes for members of the public and employees to request auxiliary aids and services. Merrimac should also ensure that the Town’s website and other web-based services are and continue to be accessible to people with disabilities. It is the Department of Justice’s position that when services are provided on a website, those services too must be made accessible. The website should be considered a “program” of the Town.

3. Summary of the Evaluation of Facilities

The analysis of existing conditions that encompasses the body of this evaluation is based on observations and documentation completed by IHCD team during site visits. This accessibility survey included the following facilities:

Public Buildings

Senior Center
Donaghue School
Library
Sweetsir School
Town Hall

Semi Public Buildings

Fire Station
Light Department
New Police Station

Parks and Playgrounds

Emery Street Park
Playground on Locust
Steven's Field
Town Forest Field

Other Locations

Lower Corner Cemetery on East Main
Locust Grove Cemetery
Church Street Cemetery and Veterans Memorial

Sidewalks and Walkways

The areas surveyed included sidewalks, walkways and some areas that lacked any kind of formal sidewalk or walkway including:

Church Street (east side only)
School Street

Winter Street
Willowdale Drive
Nichols Street
Abbott Street
Sawyer Street
Maple Street
Pine Street
Prospect Street
Spring Street
Lincoln Street
Vendome Street
Grove Street
Summer Street
Judkins Ct.
Liberty Street
Mechanic Street
Orchard Street
Tower Forest Road
Railroad Avenue
Broad Street
Locust Street
Adams Street
Union Street
Walnut Street
Middle Street
Pleasant Street
Green Street
Central Street
School Street
Lancaster Ct.
Bartlett Street
Milk Street

Note: IHCD team was asked not to survey most of Main Street as the sidewalks in that area are maintained by the State.

Building Facilities Overview

Under Title II of the ADA, the Town of Merrimac must make sure that “No qualified individual with a disability shall, because a public entity's facilities are inaccessible to or unusable by individuals with disabilities, be excluded from participation in, or be denied the benefits of the services, programs, or activities of a public entity, or be subjected to discrimination by any public entity” [28 CFR Part 35.149].

A public entity may not deny the benefits of its programs, services and activities to individuals with disabilities because its facilities are inaccessible. This means that each program, service and activity of the Town, when viewed in its entirety, must be readily accessible to and usable by individuals with disabilities.” This requirement is known as Program Accessibility [28 CFR Part 35.150].

The program accessibility requirement does not necessarily require the Town to make each existing facility accessible or to take any action that would threaten or destroy the historic significance of a historic property. Or require a public entity to take any action that it can demonstrate would result in a fundamental alteration in the nature of the program or in an undue financial and administrative burden.

The Town may comply with the requirements through such means as redesign or acquisition of equipment, reassignment of services to accessible buildings, delivery of services at alternate accessible sites, alteration of existing facilities and construction of new facilities, or any other methods that result in making the Town’s services, programs or activities readily accessible to and usable by individuals with disabilities. A public entity is not required to make structural changes in existing facilities where other methods are effective in achieving compliance with this section.

In choosing among available methods for meeting the requirements of this section, a public entity shall give priority to those methods that offer services, programs, and activities to qualified individuals with disabilities in the most integrated setting appropriate.

IHCD recommends the following improvements at the following Town facilities:

Public Buildings

Senior Center

- Renovate and provide exterior accessible routes.
- Renovate parking.
- Renovate toilet rooms.
- Renovate and provide signage.

Donaghue School

- Provide six (6) compliant sinks (with knee clearance).
- Provide five (5) automatic door openers.
- Renovate toilet rooms.
- Provide and renovate six (6) drinking fountains.
- Provide compliant signage (designation, egress and directional).
- Provide an impact attenuating surface under and around the play elements (poured-in-place rubber) and provide an accessible route to play areas and elements.

Library

- Renovate and provide exterior accessible routes.
- Renovate toilet rooms.
- Renovate and provide signage.
- Provide an assistive listening system in the meeting room.

Sweetsir School

- Provide an impact attenuating surface under and around the play elements (poured-in-place rubber) and provide an accessible route to play elements.
- Provide eight (10) compliant sinks (with knee clearance).
- Provide five (5) automatic door openers.
- Renovate toilet rooms.
- Provide five (5) drinking fountains.
- Provide compliant signage (designation, egress and directional).

Town Hall

- Renovate toilet rooms.
- Provide two (2) drinking fountains for standing users.
- Provide and renovate handrails and handrail extensions.
- Provide two (2) assistive listening systems.

Semi Public Buildings

Fire Station

- Provide a van accessible parking space.

- Renovate a single-user toilet room to make it accessible.

Light Department

- Renovate accessible parking space.
- Renovate doors (thresholds and automatic door opener at door to lobby).
- Renovate exterior ramp at accessible entrance.

New Police Station

- Renovate toilet rooms.
- Renovate and provide signs.
- Renovate sink in meeting room.
- Provide an assistive listening system in the meeting room.

Parks and Playgrounds Overview

The program accessibility obligation does not typically require that every outdoor area be made accessible. As noted before, “when viewed in its entirety” applies to programs for which there are multiple locations for comparable programs. Usually, a public entity determines which method it will use for meeting its program accessibility obligations. When structural changes are made to existing facilities, the changes must comply with the 2010 ADA Standards for Accessible Design. When choosing to purchase equipment or to make structural changes, the public entity should factor financial resources required to maintain program accessibility.

Over time, the Town will need to reassess its compliance with program accessibility, and it may become necessary to acquire new accessible equipment or make structural modifications.

It is important to note that those elements in existing facilities that are subject to supplemental requirements of the 2010 ADA Standards (e.g. elements for which there are neither technical nor scoping specifications in the 1991 Standards) such as (C) *Recreational boating facilities*; (D) *Exercise machines and equipment*; (E) *Fishing piers and platforms*; (H) *Play areas*; (J) *Swimming pools, wading pools, and spas*; and (L) *Miscellaneous - (1) Team or player seating and Accessible route in court sports facilities*, need to be brought into compliance.³

³ As described in 28 CFR 35.150(b)(2)(i) Title II ADA Regulations

IHCD recommends the following improvements at the following parks, playgrounds and open spaces:

Emery Street Park

- Renovate parking.
- Provide an accessible route to the boundary of sport activity and to the team seating at the baseball field. Include a stable, firm and slip-resistant surface at the end of each team seating bench to provide accessible team seating.

Playground on Locust

- Renovate accessible parking.

Steven's Field

- Renovate exterior accessible routes on the walkway around Steven's Field.
- Provide an accessible route to the boundary of the areas of sport activity and to the spectator and team seating.
- Renovate toilet rooms.

Town Forest Fields

- Renovate and provide exterior accessible routes.
- Provide an accessible portable toilet.
- Renovate parking.

Other Locations

Lower Corner Cemetery on East Main

- With most headstones in the Lower Corner Cemetery on East Main from the 18th and early 19th centuries, there are no remaining walkways through the cemetery grounds. The survey catalog highlights issues on a walkway along East Main Street which runs just outside the southern border of the cemetery. However, costs to remedy those issues are not included. Some general costing information that relates to sidewalks and walkways throughout Merrimac is included in the full Sidewalks and Walkways report and accompanying materials.

Locust Grove Cemetery

- Renovate toilet room (provide an accessible single-user toilet room including widening the entry door).
- Provide exterior accessible routes to monuments and accessible water spigot.

Church Street Cemetery and Veterans Memorial (Two abutting locations in one report)

- Provide and repair exterior access routes.

Sidewalks and Walkways

- A survey was conducted of 31 areas covering approximately ten (10) miles including streets with sidewalks, streets with walkways, and some street areas with no formal sidewalk or walkway.
- **Note:** IHCD team was asked not to survey most of Main Street as the sidewalks in that area are maintained by the State.

Reference List:

Federal Laws:

- Americans with Disabilities Act (ADA)
- 2010 ADA Standards for Accessible Design

State Law:

- 521 CMR Massachusetts Architectural Access Board – Rules and Regulations

Guidance:

- ADA Action Guide for State and Local Governments: <https://www.adaactionguide.org>
- ADA Checklist for Existing Facilities: <https://www.adachecklist.org>
- Outdoor Developed Areas: A Summary of Accessibility Standards for Federal Outdoor Developed Areas: <https://www.access-board.gov/attachments/article/1637/outdoor-guide.pdf>
- US Access Board: <https://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/guide-to-the-ada-standards/animations>
- ADA Checklist for Polling Places: <https://www.ada.gov/votingchecklist.htm>
- Solution for Five Common ADA Access Problems at Polling Places: https://www.ada.gov/ada_voting/voting_solutions_ta/polling_place_solutions.htm

Church Street Cemetery and Veterans Memorial



Town of Merrimac
ADA Transition Plan

September 2021



Institute for Human Centered Design

200 Portland Street, Boston, MA 02114
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617-695-1225 voice/ tty

Background

Year Built: 1876

The Church Street Cemetery is located at 44 Church Street. Church Street runs along the western border of the property, with Railroad Avenue to the north and Liberty Street to the south. A fence surrounds the cemetery perimeter, and there is a Veterans Memorial just outside the cemetery fence on the Church Street side. Amenities in the cemetery include a water spigot and a flag pole with an American flag.

An informal car route starts at the cemetery entrance on Church Street and continues through the cemetery grounds. Heading north from the Church Street entrance, a walkway can be followed for about 150 feet along Church Street until it meets a concrete path heading east for about 60 feet that ends at the Veterans Memorial.

Accessibility Issues

Exterior Access Routes

Accessibility issues include lack of an accessible route to the water spigot within the cemetery. There is also an excessive cross slope at one location on the walkway between the cemetery entrance and the path that connects to the Veteran’s Memorial.

Order of Magnitude Cost Estimates

- Miscellaneous corrective actions (provide and repair exterior access routes): \$976

Total: \$976





Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend resurfacing the informal car path through the cemetery with stone dust or asphalt.
- Recommend providing benches, some with arms and some with a back, at several distributed locations within the cemetery.

Town of Merrimac

Church Street Cemetery and Veterans Memorial

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Walkway From Cemetery Entrance to Veterans Memorial	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	4%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on 4'x10' of asphalt to reduce slope.)	1	400	\$400
2	Between Informal Car Path in Cemetery and Water Spigot	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to the water spigot. (Cost based on a 4' wide min. x 18' long stone dust path from the informal car route to the base of the water spigot.)	1	576	\$576
Best Practice												
Benches												
3	Informal Car Path Through the Cemetery	Ext.		Benches	N/A				Recommend providing benches, some with arms and some with a back, at several points within the cemetery. If this is done, ensure benches are connected to an accessible route and that they have a stable, firm and slip resistant surface at one end of at least one bench in each area where an individual using a wheeled mobility device could sit alongside a companion who is on the bench.	1	-	\$0
Informal Car Path												
4	Informal Car Path Through the Cemetery	Ext.		nformal Car Path	N/A				Recommend resurfacing informal car path with stone dust or asphalt.	1	-	\$0

Dr. Frederick N. Sweetsir Elementary School



Town of Merrimac ADA Transition Plan

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Background

Year Built: 1950’s Year Renovated: Early 2000’s

Dr. Frederick N. Sweetsir Elementary School is located at 104 Church Street in Merrimac, MA, and serves approximately 230 students in Grades Pre-K to 2. The school was built in 1950 with a new section built in early 2000 (Side D). Sweetsir School is used by the Town to conduct town meetings, pancake breakfast fundraiser, etc.

Sweetsir Elementary School is a single-story building with a main accessible entrance/exit on the northeast side of the school (Exit #1). Students in K, 1st and 2nd grades use Entrances #3 (cafeteria) and #5. Pre-K students use the entrances that are located at the classrooms (Exits #14, #15 and #16). Additional entrances/exits are located at the cafeteria (Exits #2 and #3), from classrooms along Side B and at the gymnasium (Exit #18). The entrance/exit located on the north side (Exit # 19) is used for students attending summer programs.

The school consist of two wings (Sides B and D) connected by a central spine that contains the nurse’s office, a conference room, Pre-K classrooms, and Special Ed. classrooms for Grades 1 and 2. The cafeteria and Grades K and 1 classrooms are located on Side B of the building (east side). An interior ramp connects to Side D of the building - the newest side of the school, where the library, a gymnasium, an art room, a music room and Special Ed. classrooms for 2nd grade are located (west side). Additional classrooms for Grade K are also located on Side D of the building. Multi-user men’s and women’s toilet rooms are located on Sides B and D; multi-user boys’ and girls’ toilet rooms are located on Side D. Additional toilet rooms are located inside most of the classrooms and a single-user toilet room is located in the nurse’s office.

There are three (3) parking lots at the school. The parking lot located on the north side of the school has 43 parking spaces including two (2) accessible spaces and four (4) reserved parking

spaces. The parking lot located on the east side of the school has 18 parking spaces and the parking lot on the south side has 20 spaces. There are no accessible parking spaces at those locations. Other exterior amenities include two (2) playgrounds located near the kindergarten classrooms (southwest side) and near the parking lot (east side).

Key Accessibility Issues

Parking

Accessibility issues include lack of accessible parking spaces at the parking lots located on the east and south side of the school, lack of an access aisle at one of the accessible parking spaces located on the north side of the school and the identification sign located at the accessible space (north side) is lower than the minimum height allowed.

Exterior Routes

Accessibility issues include surface openings along the accessible route that are wider than the maximum allowed (near Exit #19), running slope higher than the maximum allowed at the accessible route from the accessible parking space to the main entrance and the route near Exit #9 is not maintained in operable working condition.

Playground and Play Area

Accessibility issues include lack of an impact attenuating surface under and around the play elements. The play area near the kindergarten classrooms (southwest side) has engineered wood fiber (EWF) as a surface and the playground located near the parking lot (west side) has sand as a surface. Other accessibility issues include lack of an accessible route to the play components at the playground located near the parking lot.

Note: The Massachusetts Architectural Access Board (MAAB) does not consider engineered wood fiber (EWF) to comply with its regulation requiring an accessible route that is stable, firm and slip resistant.

Interior Routes

The ramp leading to Side D of the building has a running slope higher than the maximum height allowed, the width at the interior route at the cafeteria/kitchen is less than the minimum width allowed (serving area) and hand sanitizer dispensers and paper towel dispensers protrude into the circulation path. Other accessibility issue includes stored items that block the accessible route to the lift to the stage.

Classrooms

Accessibility issues include lack of knee and toe clearance at the sinks, shelves mounted higher than the maximum allowed, lack of compliant door hardware, lack of the minimum required maneuvering clearance at some classroom doors due to the location of cabinets, trash cans, etc. and lack of compliant hardware at the door to the toilet rooms located inside the classrooms.

Signs

Accessibility issues include lack of directional signs at the inaccessible entrance/exits directing people to the accessible exits, lack of the International Symbol of Accessibility (ISA) at the accessible entrances/exits and accessible toilet rooms, lack of tactile egress signage (raised characters and braille), lack of tactile designation signs (raised characters and braille), and designation signs not located on the latch side of the door.

Toilet Rooms

Accessibility issues include lack of maneuvering clearance at the entry door to the multi-user toilet rooms (women’s B side and men’s D side), flush control not located on the open/transfer side of the toilet (men’s toilet room), lack of knee clearance at lavatories, exposed plumbing underneath lavatories and toilet paper dispensers mounted above the side grab bars. Additional accessibility issues include lack of self closing doors at the doors to the accessible compartments, lack of a door pull on both sides of the door near the latch at the door to the accessible compartments, mirrors mounted higher than the maximum height allowed, dispensers that protrude into the circulation path and toilet room doors that require more than the maximum amount of force to open.

Accessibility issues at the single-user toilet room located in the nurse’s office include lack of maneuvering clearance at the entry door due to the location of the lavatory, and lack of the clear floor space at the toilet due to the location of medical equipment.

Note: IHCD recommends the Town check the Massachusetts Plumbing Code to make sure the recommendations provided in this report do not conflict with the requirements of the code.

Additional Accessibility Issues

- Service counter higher than the maximum height allowed (main office).
- Excessive opening force at some interior and exterior doors.
- Lack of drinking fountains for standing users.
- Lack of knee clearance at the health room sink.
- Lack of an accessible dining surface (with knee clearance) at the cafeteria.
- Lack of an assistive listening system at the cafeteria.

Note: If audible communication is integral to the use of a space, an assistive listening system is required. Where an assistive listening system is present, it must be identified by signage with the International Symbol of Access for Hearing Loss.

Order of Magnitude Cost Estimates

- Provide an impact attenuating surface under and around the play elements (poured-in-place rubber) and provide an accessible route to play elements: \$24,450
- Provide eight (10) compliant sinks (with knee clearance): \$17,412
- Provide five (5) automatic door openers: \$15,300
- Renovate toilet rooms: \$135,930
- Provide five (5) drinking fountains: \$20,140
- Provide compliant signage (designation, egress and directional): \$11,246
- Miscellaneous corrective actions (exterior routes, parking, protruding objects, drinking fountains, etc.): \$25,798






Total: \$250,276

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing handrails on both sides of the stairs that lead to the stage (cafeteria).
- Recommend providing an adjustable examination table in the nurse’s office.

Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Near Exit Door 19 (A1)	Ext.		Exterior Access Route	Sidewalk		Surface openings > 1/2"	1.75"	Repair surface.	1	240	\$240
2	Near Exit Door 19 (A1)	Ext.		Exterior Access Route			Surface openings > 1/2"	2.5"	Repair surface.	1	240	\$240
3	From Accessible Parking to Main Entrance/Exit - East of Front Parking Lot	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%) Surface is not stable, firm, and slip-resistant Does not prevent accumulation of water	7.8% - -	Reduce running slope to be no steeper than 1:20 (5%). Repair surface. Repair surface. (Cost based on asphalt to correct slope.)	1	240	\$240
4	Near Exit C9	Ext.		Exterior Access Route	Exterior		Route not maintained in operable working condition	-	Ensure the accessible route is maintained in operable working condition.	1	Labor	\$0
Off-Street Parking Lot or Garage												
5	East Parking Lot	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	- - - - -	Provide a van accessible parking space 96" wide min. with a marked access aisle that is at least 96" wide. Provide a sign with the International Symbol of Accessibility (ISA) the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible parking space.	1	1850	\$1850






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	South Parking Lot - Pre K Pick Up and Drop off	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	20 - - - -	Provide a van accessible parking space 96" wide min. with a marked access aisle that is at least 96" wide. Provide a sign with the International Symbol of Accessibility (ISA) the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible parking space.	1	1850	\$1850
7	Accessible Parking - East of Front Parking Lot	Ext.		Off-Street Parking Lot or Garage	N/A		Vehicle space < 96" wide at car space Van space < 132" or <96" wide Sign bottom < 60" above finished grade	91" 95.5" 49"	Provide an accessible space that is at least 96" wide. Provide a van accessible space that is at least 96" wide. Locate sign with the bottom of the sign 60" min. and 96" max. above the ground.	1	600	\$600
8	Accessible Parking - West of Front Parking Lot	Ext.		Off-Street Parking Lot or Garage	Visitor		Access aisle not provided Sign not maintained.	-	Provide a marked access aisle that is at least 96" wide. Replace sign.	1	800	\$800
9	Accessible Parking - East of Front Parking Lot	Ext.		Off-Street Parking Lot or Garage	N/A		Sign not maintained in operable working condition.		Replace sign.	1	500	\$500
Entrance												
10	Entrance/Exit Door 5 (B2)	Ext.		Entrance	Other		Directional sign to accessible entrance not provided	-	Provide a directional sign indicating the location of the nearest accessible entrance.	1	346	\$346






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Entranc/Exit Door 3(A6)	Ext.		Entrance	Other		International Symbol of Accessibility not provided	-	Provide a sign with the International Symbol of Accessibility (ISA).	1	346	\$346
12	Entrance/Exit Door 19 (A1)	Ext.		Entrance	Secondary Entrance		International Symbol of Accessibility not provided Door requires > 15 lbs. of force to open	- 18 lbs	Provide a sign with the International Symbol of Accessibility (ISA). Adjust closers so doors do not require more than 15 pounds of force.	1	346	\$346
Emergency Exit												
13	Exit Door 6 (B3) - OT/PT - All Grades	1	12	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
14	Exit Door 14 (C5) - ABA Pre K	1	5	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
15	Exit Door 15 (C6) - Special Ed Pre K	1	4	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232


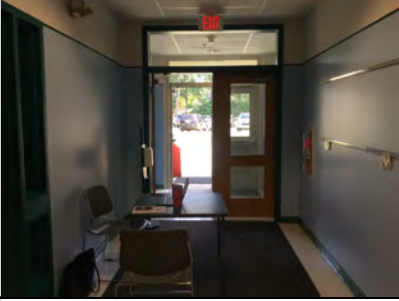
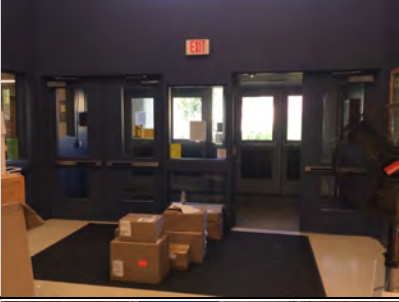


Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
16	Exit Door 20 (A2)	1	2	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
17	Exit Door 21 (A3) - Guidance - All Grades	1	1	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
18	Exit Door 7 (B4) - Grade 1	1	11	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
19	Exit Door 8 (B5)	1	10	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
20	Exit Door 9 (B6)	1	9	Emergency Exit			Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 18 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232





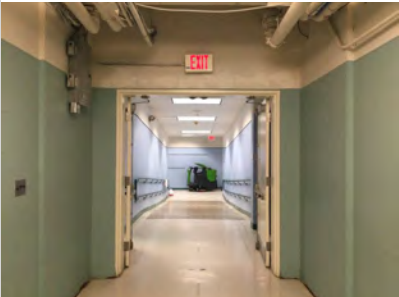
Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
21	Exit Door 10 (C1)	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 18 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
22	Exit Door 11 (C2)	1	8	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
23	Exit Door 12 (C3)	1	7	Emergency Exit			Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
24	Exit Door 13 (C4) - Special Ed. - All Grades	1	6	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 20 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
25	Exit Door 16 (C7)	1	3	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force. Note: Fire doors shall have a minimum opening	1	232	\$232






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
26	Exit Door 18 (C9) - Play Room/ Gymnasium	1	20	Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
27	Entrance/Exit Door 19 (A1)	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
28	Main Entrance/Exit Door 1 (A4)	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
29	Exit Door 2 (A5)	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
30	Exit Door 17 (C8)	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB) Door requires > 15 lbs. of force to open	- - 17 lbs.	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA) Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
31	Entrance/Exit Door 3(A6)	1		Emergency Exit	N/A		Illuminated Int. Symbol of Acc. not provided (MAAB) Tactile sign not provided at exit	- - 20 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
32	Entrance/Exit Door 19 (A1)	Ext.		Emergency Exit	N/A		Threshold > 1/2" high	1.25"	Alter the threshold to be 1/2" high max.	1	150	\$150
33	Entrance/Exit Door 5 (B2)	1		Emergency Exit	N/A		Door requires > 15 lbs. of force to open Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Maneuvering clearance(s) not provided	- - - 18 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Provide a directional sign indicating the location of the nearest accessible emergency exit. Remove stored items to provide maneuvering clearance at door. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
Access to Goods and Services												
Means of Egress												
34	From Cafeteria to Door 1 (A4)	1		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
35	Ramp to Room 15 From Room 2	1	1	Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
36	Play Room/ Gymnasium	1	20	Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
37	Exit Door 17 (C8)	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide an illuminated sign with the International Symbol of Accessibility.	1	232	\$232
38	Entrance/Exit Door 19 (A1)	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Interior Access Route												
39	Kitchen - Cafeteria	1		Interior Access Route	N/A		Route < 36" wide	30"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	Labor	\$0
40	To Principal/ Assistant Principal - Main Office	1		Interior Access Route	N/A		Obstructed by protruding objects	7.5"	If cart is moved from below cabinet, provide a cane-detectable barrier 27" max. above the ground.	1	306	\$306


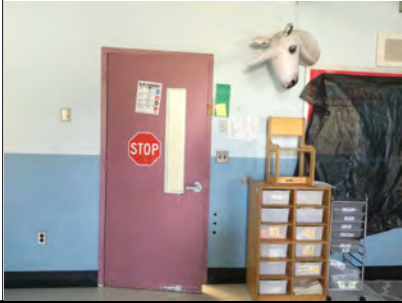

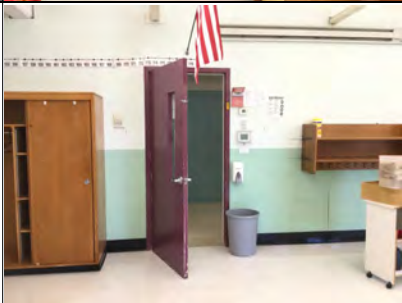
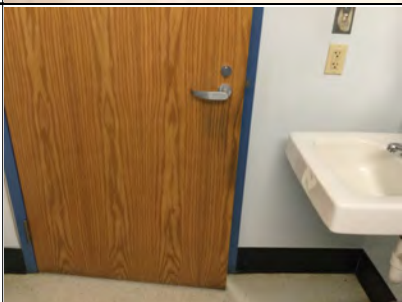
Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
41	Lobby Near Main Entrance/Exit Door 1 (A4)	1		Interior Access Route	N/A		Obstructed by protruding objects	7.5"	Provide a cane-detectable barrier below the bleeding control cabinet that is 27" max. above the finished floor.	1	306	\$306
42	Grade 1	1	11	Interior Access Route	N/A		Obstructed by protruding objects	6"	Relocate sanitizer dispenser out of accessible route.	1	Labor	\$0
43	Women's Toilet Room Near Ramp	1	1	Interior Access Route	N/A		Obstructed by protruding objects	8.5"	Relocate paper towel dispenser out of circulation path.	1	256	\$256
44	Music Room	1	19	Interior Access Route	N/A		Obstructed by protruding objects	5.5"	Relocate hand sanitizer dispenser out of the accessible route.	1	256	\$256
45	Near Tray Drop Off - Cafeteria	1		Interior Access Route	N/A		Obstructed by protruding objects Side reach > 54"	9" 57.5"	Relocate object out of the circulation path. Relocate paper towel dispenser so that controls are between 48" max. above the finished floor.	1	256	\$256






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Doors, Doorways, & Gates												
46	Boys' Toilet Near Room 12	1		Doors, Doorways, & Gates	Toilet Room		Clear width at door < 32" Hardware not operable with a closed fist	25" -	Widen the door so that there is 32" min. clear width. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Cost included in ID #140 when providing a new accessible single-user toilet room.)	1	-	\$0
47	To Toilets Between Room 12 & 11	1	11	Doors, Doorways, & Gates	Circulation		Clear width at door < 32" Hardware not operable with a closed fist	27.5" -	Widen the door so that there is 32" min. clear width. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	3850	\$3850
48	To Toilets Between Room 6 & 5	1	6	Doors, Doorways, & Gates	Circulation		Clear width at door < 32" Hardware not operable with a closed fist	27.5" -	Widen the door so that there is 32" min. clear width. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	3850	\$3850
49	To Toilets Between Room 4 & Room 3	1	4	Doors, Doorways, & Gates	Circulation		Clear width at door < 32" Hardware not operable with a closed fist	27.5" -	Widen the door so that there is 32" min. clear width. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	3850	\$3850
50	Women's Toilet Room Near Main Office	1		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	8.5"	Provide an automatic door opener.	1	3060	\$3060

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
51	Grade 1	1	11	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	11"	Relocate furniture to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
52	Special Ed. - All Grades	1	6	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	15.5"	Relocate furniture to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
53	Special Ed Pre K	1	4	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	6.5"	Relocate furniture to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
54	Guidance - All Grades	1	1	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove trash container to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
55	Single-User Toilet - Health/ Nurse's Office	1	1	Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	7"	Provide an automatic door opener.	1	3060	\$3060


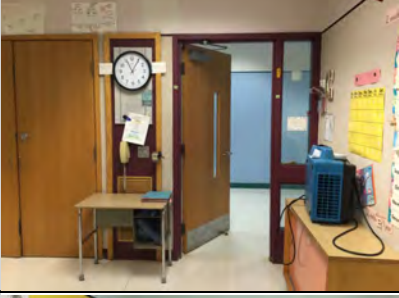
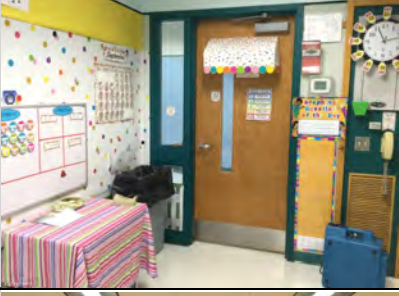

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
56	Men's Toilet Room Near Ramp	1	1	Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	15"	Provide an automatic door opener.	1	3060	\$3060
57	Single-User Toilet Room Near Room 22 - Kindergarten	1	23	Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	9"	Provide an automatic door opener.	1	3060	\$3060
58	To Toilets From Room 22	1	22	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Relocate stored items to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
59	Library - Temporary	1	21	Doors, Doorways, & Gates	Other		Maneuvering clearance(s) not provided	-	Relocate trash container to provide maneuvering clearance.	1	Labor	\$0
60	Computer Room	1	17	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided Door requires > 5 lbs. of force to open	- 12 lbs.	Remove boxes to provide maneuvering clearance at door. Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
61	Kindergarten	1	23	Doors, Doorways, & Gates	Classroom		Maneuvering clearance not provided at recess > 6"	15.5" -	Install an automatic door opener.	1	3060	\$3060
62	To Toilets Between Rooms 12 & 11	1	12	Doors, Doorways, & Gates	Circulation		Hardware not operable with a closed fist	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	484	\$484
63	Near Stage - Cafeteria	1		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	12 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
64	Women's Toilet Room Near Main Office	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	10 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
65	Speech and Language - All Grades Near Room 2	1	1	Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	10 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0



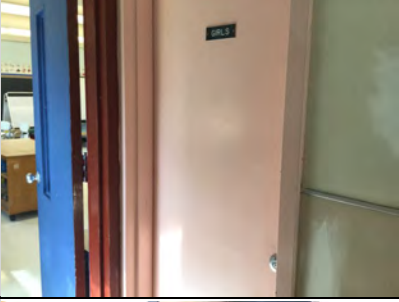


**Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
66	Art Room	1	18	Doors, Doorways, & Gates	Classroom		Door requires > 5 lbs. of force to open	15 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
67	Music Room	1	19	Doors, Doorways, & Gates	Classroom		Door requires > 5 lbs. of force to open	11 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
68	Special Ed Grade 2	1	15	Doors, Doorways, & Gates	Classroom		Door requires > 5 lbs. of force to open	10 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
69	Grade 2	1	16	Doors, Doorways, & Gates	Classroom		Door requires > 5 lbs. of force to open	12 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
70	Library	1		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	15 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
71	Speech - All Grades	1	24	Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	11 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
72	Men's Toilet Room Near Main Office	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open Sign not located on the latch side of the door	13 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
Ramps												
73	Ramp to Room 15	1	1	Ramps	Interior		Running slope >1:12 (8.33%)	10%	Reduce running slope to be no steeper than 1:12 (8.33%)./Repair to this ramp might be technically infeasible.	1		\$0
Platform Lift or LULA Elevator												
74	Lift - Cafeteria	1.5		Platform Lift or LULA Elevator	Interior		Not in operable working condition	-	Remove stored items that block access to lift door.	1	Labor	\$0
Signage												
75	Cafeteria	1		Signage	Designation		Signage is not provided	-	Locate compliant signage alongside the door on the latch side.	1	232	\$232





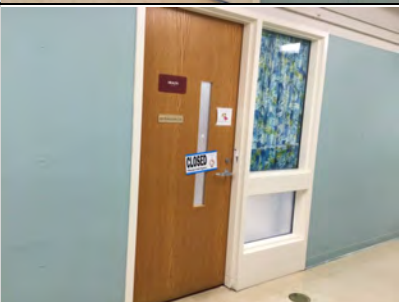
Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
76	Principal/ Assistant Principal	1		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
77	Boys' Toilet Near Room 12	1		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
78	Girls' Toilet Near Room 11	1		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
79	Special Ed. - All Grades	1	6	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate signs at permanent rooms alongside the door on the latch side. (Room number sign.)	1	232	\$232
80	Single-User Toilets Between Rooms 6 & 5	2		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side. Once accessible, include ISA sign at boys' toilet room and label toilet room all gender. Also label girls' toilet room all gender. Include sign directing users to to boys' toilet room for access to an accessible toilet room.	2	232	\$464






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
81	ABA Pre K	1	5	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate signs at permanent rooms alongside the door on the latch side. (Room number sign.)	1	232	\$232
82	Special Ed Pre K	1	4	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate signs at permanent rooms alongside the door on the latch side. (Room number sign.)	1	232	\$232
83	Guidance - All Grades	1	1	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
84	Kindergarten	1	23	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
85	Toilets - Kindergarten	1	23	Signage	Directional		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
86	Room 23 - Kindergarten	1	23	Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
87	Special Ed Grade 1 & 2	1	2	Signage	Designation		Braille not provided on sign Sign not located on the latch side of the door	- -	Provide braille on sign. Locate sign at permanent rooms alongside the door on the latch side. (Room number sign.)	1	232	\$232
88	Women's Toilet Room Near Main Office	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
89	Conference	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
90	Health/Nurse	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0




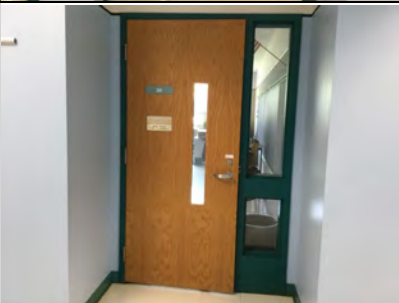

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
91	Health/Nurse - Main Office	1	1	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
92	Men's Toilet Room Near Ramp	1	1	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
93	Women's Toilet Room Near Ramp	1	1	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
94	Library - Temporary	1	21	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
95	Play Room/ Gymnasium	1	20	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
96	Music Room	1	19	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
97	Art Room	1	18	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
98	Computer Room	1	17	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
99	Special Ed Grade 2	1	15	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
100	Grade 2	1	16	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0




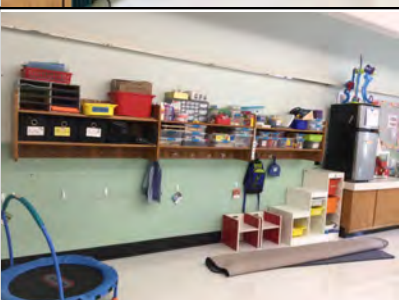

Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
101	Guidance Near Library	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
102	Library	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
103	Speech - All Grades	1	24	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
104	Literacy - All Grades	1	24	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
105	Boys' Toilet Room Near Room 24	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0





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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
106	Girls' Toilet Room Near Room 24	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
107	Grade 1	1	11	Signage	Designation		Sign not located on the latch side of the door Raised characters not provided on sign Braille not provided on sign	- - -	Provide text with raised characters duplicated in braille on sign. Locate signs at permanent rooms alongside the door on the latch side. (Room number sign.)	1	232	\$232
Service Counter												
108	Main Office	1		Service Counter	N/A		Counter > 36" high	42.25"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
Operable Parts												
109	Women's Toilet Room Near Main Office	1		Operable Parts	Other		Element not on an accessible route	-	Ensure tampon dispenser is located on an accessible route. (Relocate small table.)	1	Labor	\$0
110	Near Kitchen - Cafeteria	1		Operable Parts	Other		Side reach > 54" Dispenser protrudes into the circulation path	57"	Relocate paper towel dispenser so that controls are between 15" - 48" above the finished floor.	1	256	\$256



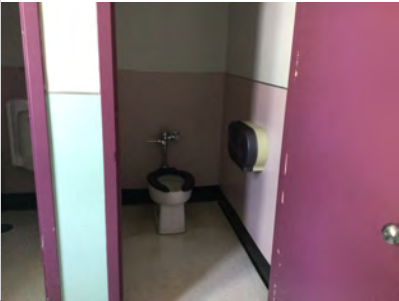


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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Children's Reach Ranges												
111	OT/PT - All Grades	1	12	Children's Reach Ranges	N/A		Reach < 18" or > 40" (Ages 5 - 8)	45.75"	Provide at least one storage locker between 18" and 40" above the finished floor.	1	256	\$256
112	Grade 1	1	11	Children's Reach Ranges	N/A		Reach < 18" or > 40" (Ages 5 - 8)	-	Provide at least one storage locker between 18" and 40" above the finished floor.	1	256	\$256
113	Special Ed. - All Grades	1	6	Children's Reach Ranges	N/A		Reach < 18" or > 40" (Ages 5 - 8)	45"	Provide at least one storage locker between 18" and 40" above the finished floor.	1	Labor	\$0
114	ABA Pre K	1	5	Children's Reach Ranges			Reach < 18" or > 40" (Ages 5 - 8)	45"	Relocate so the operable part is between 18" and 40" above the finished floor.	1	256	\$256
115	Special Ed Pre K	1	4	Children's Reach Ranges	N/A		Reach < 18" or > 40" (Ages 5 - 8)	45"	Relocate so the operable part is between 18" and 40" above the finished floor.	1	256	\$256



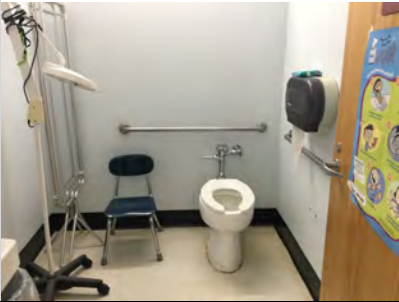
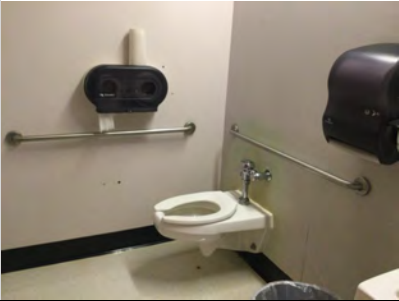
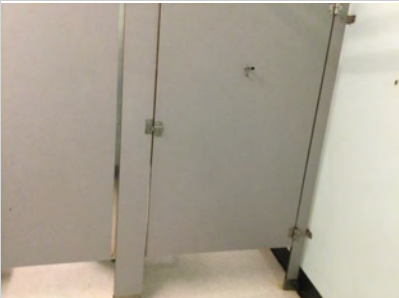
Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Dining or Work Surfaces												
116	Dining Table - Cafeteria	1		Dining or Work Surfaces	Dining Surface		At least one or 5% accessible tables not provided	-	Ensure that at least 5% of dining or surfaces are accessible.	1	1100	\$1100
Assembly Area												
117	Stage - Cafeteria	1		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
Picnic Tables												
118	Small Playground Near Rear Parking Lot	Ext.		Picnic Tables	N/A		At least 5% accessible spaces not provided	-	Ensure that at least 5% (minimum one) of dining surfaces are accessible. (Cost based on an accessible picnic table for children.)	1	1200	\$1200
Exterior Benches												
119	Bench Near Main Entrance/Exit	Ext.		Exterior Benches	N/A		No accessible route to one bench in area	-	Provide an accessible route to 20% of benches in this area. (Cost based on a 4'x6' asphalt path from existing walkway to bench.)	1	240	\$240



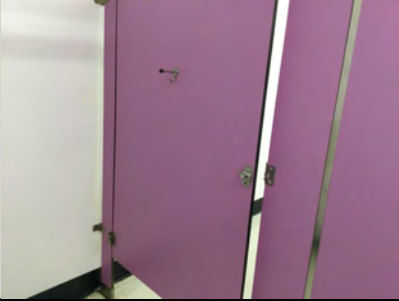


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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
120	Playground	Ext.		Exterior Benches	N/A		No accessible route to one bench in area (route not maintained.)	-	Maintain walkway surface.	1	Labor	\$0
Toilet & Bathing Rooms												
Overall Access												
121	Girls' Toilet Room Near Room 11	1		Overall Access	Toilet Room		Sign to accessible toilet not provided	59"	Provide a directional sign indicating the location of the nearest accessible toilet room once the neighboring boys' single-user toilet room is made accessible and designated for all gender.	1	232	\$232
122	Girls' Single-User Toilet Room Between Room 6 & 5	1		Overall Access	Toilet Room		Sign to accessible toilet not provided	-	Provide a directional sign indicating the location of the nearest accessible toilet or bathing room (neighboring boys' single-user toilet room once made accessible and labeled all gender). Label this toilet room as all gender.	1	232	\$232
123	Girls' Toilet Room Between Room 4 & Room 3	1		Overall Access	Toilet Room		Sign to accessible toilet not provided	-	Provide a directional sign indicating the location of the nearest accessible toilet or bathing room (neighboring boys' single-user toilet room once made accessible and labeled all gender). Label this toilet room all gender.	1	232	\$232
124	Single-User Toilet Room Near Room 22 - Kindergarten	1	23	Overall Access	Toilet Room		International Symbol of Acc. not provided	- -	Provide a sign with the International Symbol of Accessibility.	1	232	\$232

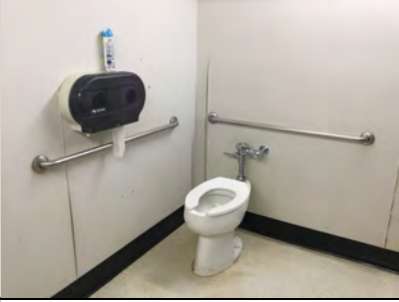
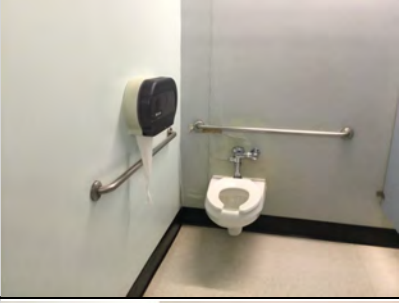
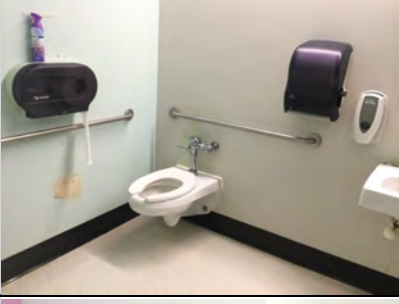
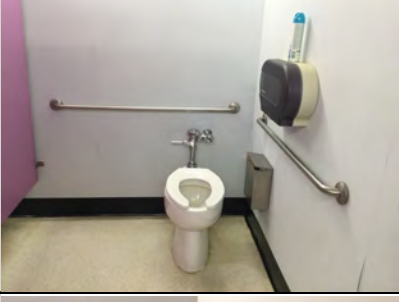

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Lavatory												
125	Men's Toilet Room Near Main Office	1		Lavatory	N/A		Toe or knee clearances not provided Plumbing underneath is exposed Mirror above lavatory w/reflective surface > 40"	23.75" - 43"	Provide at least one lavatory with knee and toe clearance positioned for a forward approach. Insulate or otherwise configure pipes to prevent contact for at least one lavatory. Lower mirror so that the bottom surface is at 40" max. above the finished floor.	1	2034	\$2034
126	Women's Toilet Room Near Main Office	1		Lavatory	N/A		Toe or knee clearances not provided Mirror above lavatory w/reflective surface > 40" Dispensers not within reach range	24.25" 44" -	Provide at least one lavatory with knee and toe clearance positioned for a forward approach. Lower mirror so that the bottom surface is at 40" max. above the finished floor. Relocate paper towel dispenser out of the circulation path. Relocate the trash container that blocks access to the soap dispenser.	1	1748	\$1748
Single-User Toilet												
127	Single-User Toilet - Health/ Nurse's Office	1	1	Single-User Toilet	N/A		Clearance at toilet < 60" clear width Toilet paper dispenser is not compliant	- -	Relocate chair and stored items to ensure that there is 60" wide min. clear floor space at the toilet. Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	256	\$256
128	Single-User Toilet Room Near Room 22 - Kindergarten	1	23	Single-User Toilet	N/A		Toilet paper dispenser is not compliant	-	Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	256	\$256
Toilet Compartment												
129	Men's Toilet Room Near Ramp	1	1	Toilet Compartment	Accessible Compartment		Door has non-compliant hardware	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull.)	1	70	\$70


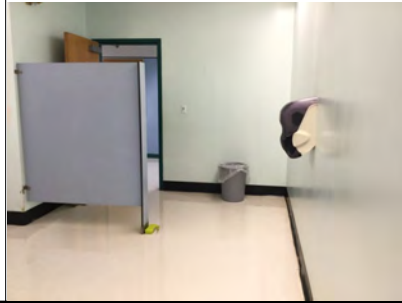

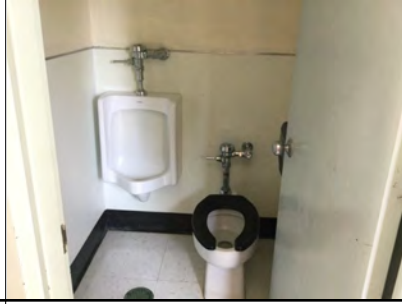

Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
130	Women's Toilet Room Near Main Office	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull on the inside of the compartment door.) Repair hinge.	1	70	\$70
131	Men's Toilet Room Near Main Office	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull on both sides of stall door.) Repair hinge.	1	70	\$70
132	Women's Toilet Room Near Ramp	1	1	Toilet Compartment	Accessible Compartment		Door has malfunctioning self-closing hinge Door has non-compliant hardware	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull.) Repair hinge.	1	70	\$70
133	Boys' Toilet Room Near Room 24	1		Toilet Compartment	Accessible Compartment		Door has malfunctioning self-closing hinge Door has non-compliant hardware	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull on inside of door.) Repair hinge.	1	70	\$70
134	Girls' Toilet Room Near Room 24	1		Toilet Compartment	Accessible Compartment		Door has malfunctioning self-closing hinge Door has non-compliant hardware	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Provide an accessible door pull.) Repair hinge.	1	70	\$70

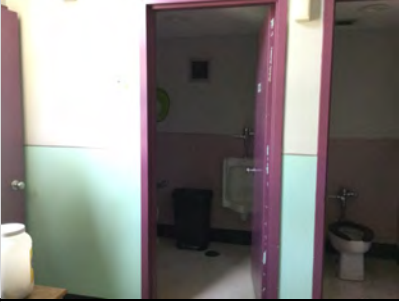
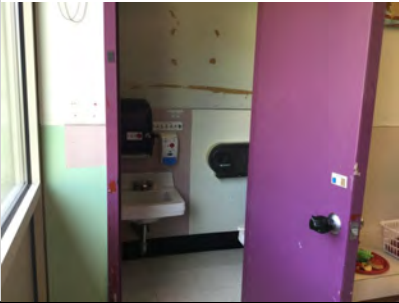


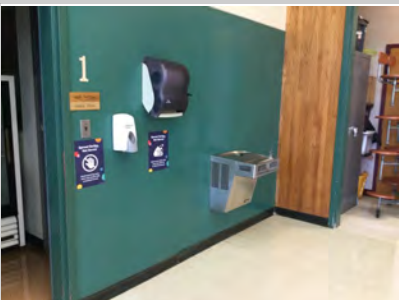
Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
135	Men's Toilet Room Near Main Office	1		Toilet Compartment	Accessible Compartment		Flush control not on open side Non-compliant toilet paper dispenser	- -	Provide the flush control on the open side of the toilet (transfer side). Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	630	\$630
136	Boys' Toilet Room Near Room 24	1		Toilet Compartment	Accessible Compartment		Flush control not on open side Non-compliant toilet paper dispenser	- -	Provide the flush control on the open side of the toilet (transfer side). Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	630	\$630
137	Men's Toilet Room Near Ramp	1	1	Toilet Compartment	Accessible Compartment		Flush control not on open side Non-compliant toilet paper dispenser Centerline < or > 18" (MAAB)	- - 16.75"	Provide the flush control on the open side of the toilet (transfer side). Relocate paper towel dispenser so it is not above the grab bar. Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet. Relocate toilet so the centerline is 18" from the side wall.	1	3714	\$3714
138	Women's Toilet Room Near Main Office	1		Toilet Compartment	Accessible Compartment		Non-compliant toilet paper dispenser	-	Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	256	\$256
139	Women's Toilet Room Near Ramp	1	1	Toilet Compartment	Accessible Compartment		Non-compliant toilet paper dispenser	-	Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	256	\$256





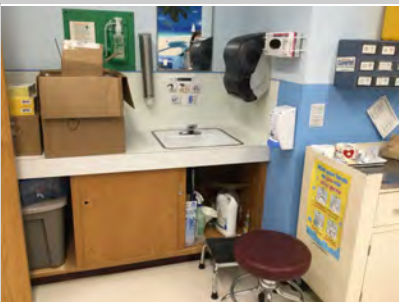
Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation	
140	Girls' Toilet Room Near Room 24	1		Toilet Compartment	Accessible Compartment		Non-compliant toilet paper dispenser	-	Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet/Replace dispenser as it does not allow continuous paper flow.	1	256	\$256	
Dispensers													
141	Boys' Toilet Room Near Room 24	1		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	9"	Relocate dispenser out of the circulation path.	1	256		
142	Girls' Toilet Room Near Room 24	1		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	-	Relocate dispenser out of the circulation path.	1	256		\$256
Toilet Rooms for Children													
Single-User Toilet (Children)													
143	Boys' Toilet Near Room 12	1		Single-User Toilet (Children)	N/A		Clearance at toilet < 72" clear deep	47.5"	Provide a new accessible single-user toilet room with a toilet that has clear floor space at the toilet that is 72" deep min. Designate toilet room as all gender once it is made accessible.	1	24604	\$24604	
144	Boys' Toilet Room Between Room 4 & Room 3	1		Single-User Toilet (Children)	N/A		Clearance at toilet < 72" clear deep	58.5"	Provide a new accessible single-user toilet room with a toilet that has clear floor space at the toilet that is 72" deep min. Include sign with ISA once made accessible and label toilet room all gender.	1	24604		\$24604






Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
145	Boys' Single-User Toilet Room Between Room 6 & 5	1		Single-User Toilet (Children)			Clearance at toilet < 72" clear deep Clear width at door < 32" Hardware not operable with a closed fist	60" 29" - -	Widen the door so that there is 32" min. clear width. Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Provide a new accessible single-user toilet room with a toilet that has clear floor space at the toilet that is 72" deep min. Designate toilet room as all gender.	1	24604	\$24604
146	Single-User Toilet - Special Ed Grade 1 & 2	1	2	Single-User Toilet (Children)	N/A		Clearance at toilet < 60" clear wide	38" -	Provide a new accessible single-user toilet room with a toilet that has clear floor space at the toilet that is 60" wide min.	1	24604	\$24604
147	Single-User Toilet - Guidance - All Grades	1	1	Single-User Toilet (Children)	N/A		Clearance at toilet < 60" clear wide	38"	Provide a new accessible single-user toilet room with a toilet that has clear floor space at the toilet that is 60" wide min.	1	24604	\$24604
Lavatory (Children)												
148	Lavatory Outside Two Single-User Toilet Rooms Between Rooms 6 & 5	1		Lavatory (Children)	N/A		Toe or knee clearances not provided Mirror above lavatory w/reflective surface > 31"	20" 41"	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. Lower mirror so that the bottom surface is at 31" above finished floor.	1	1942	\$1942
Additional Access												
Drinking Fountains												
149	Near Kitchen - Cafeteria	1		Drinking Fountains	N/A		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users.	1	4028	\$4028




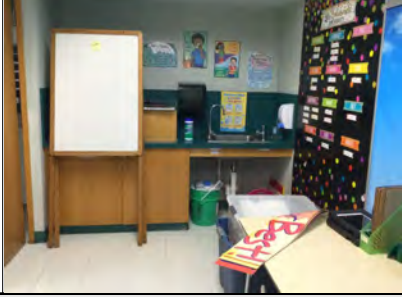

Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
150	Drinking Fountain Near Main Office	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users.	1	4028	\$4028
151	Play Room/ Gymnasium	1	20	Drinking Fountains	N/A		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users.	1	4028	\$4028
152	Drinking Fountain Near Music Room	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users.	1	4028	\$4028
153	Drinking Fountain Near Room 25	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users.	1	4028	\$4028
Sink												
154	Health/ Nurse's Office	1	1	Sink	616		Toe and knee clearances not provided Exposed plumbing underneath sink	- -	Ensure there is a 27" knee clearance positioned for a forward approach. Insulate or otherwise configure pipes at sink.	1	1778	\$1778





Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Sinks for Children's Use												
155	Special Ed. - All Grades	1	6	Sinks for Children's Use	Classroom		Rim or counter at sink > 30" Exposed plumbing underneath Knee or toe clearance not provided	32.25" - 24.5"	Relocate sink with the front of the rim or counter no higher than 30" above the finished floor. Insulate or otherwise configure pipes to prevent contact, for at least one sink. Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1778	\$1778
156	Art Room	1	18	Sinks for Children's Use	Classroom		Rim or counter at sink > 30" Exposed plumbing underneath Knee or toe clearance not provided	34.5" - 22.5"	Relocate sink with the front of the rim or counter no higher than 30" above the finished floor. Insulate or otherwise configure pipes to prevent contact, for at least one sink. Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1778	\$1778
157	Grade 1	1	11	Sinks for Children's Use	Classroom		Exposed plumbing underneath Knee or toe clearance not provided	- -	Insulate or otherwise configure pipes to prevent contact, for at least one sink. Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1778	\$1778
158	Guidance - All Grades	1	1	Sinks for Children's Use	Classroom		Exposed plumbing underneath Knee or toe clearance not provided	- -	Insulate or otherwise configure pipes to prevent contact, for at least one sink. Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1778	\$1778
159	Speech and Language - All Grades Near Room 2	1	1	Sinks for Children's Use	Other		Exposed plumbing underneath Knee or toe clearance not provided	- 22"	Insulate or otherwise configure pipes to prevent contact, for at least one sink. Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1778	\$1778

Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
160	OT/PT - All Grades	1	12	Sinks for Children's Use	Other		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
161	Special Ed Pre K	1	4	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
162	Special Ed Grade 2	1	15	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
163	Grade 2	1	16	Sinks for Children's Use	Classroom		Knee or toe clearance not provided Sink not on an accessible route	- -	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach. Locate sink on an accessible route. (Relocate stored items and furniture.)	1	1686	\$1686
Play and Sport Areas												
Play Areas												
164	Playground	Ext.		Play Areas	N/A		Accessible route not provided to playground Accessible route not provided to play components	2" -	Install an accessible route to and around the playground. Provide a compliant impact-attenuating surface to and around the play components. (Cost estimate for 1200 sq. ft. of poured in place rubber surface.)	1	16800	\$16800

Town of Merrimac
Dr. Frederick N. Sweetsir Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
165	Playground	Ext.		Play Areas	N/A		Accessible route not provided around playground	-	Provide an accessible route around the play area. (Cost estimate for 4'x60' of asphalt.)	1	2400	\$2400
166	Small Playground Near Rear Parking Lot	Ext.		Play Areas	N/A		Accessible route not provided to play components	-	Provide a compliant impact-attenuating surface to and around the play components. (Cost estimate for 375 sq. ft. of poured in place rubber surface.)	1	5250	\$5250
Best Practice												
Examination Table												
167	Health/ Nurse's Office	1	1	Examination Table	N/A				Recommend providing an adjustable table.	1	-	\$0
Stairs												
168	Stage - Cafeteria	1		Stairs	N/A				Recommend providing handrails on both sides that extend 12" beyond the top and bottom riser.	1		\$0

Emery Street Park



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

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Background

Emery Street Park is located at 29 Emery Street. Amenities include an unmarked parking area, an approximately 200-foot wide by 300-foot long soccer field that is bordered by an asphalt path, and a baseball field with a backstop and team seating.

Key Accessibility Issues

Parking

Accessibility issues include lack of a van accessible parking space with a marked access aisle and sign.

Exterior Accessible Route

Accessibility issues with the existing park walkway include multiple locations with a cross slope that is greater than allowed. There is also lack of an accessible route from the existing park walkway to the baseball field and to the team seating at the baseball field.

Additional Accessibility Issues

- Lack of a stable, firm and slip-resistant surface connected to an accessible route and located on at least one end of each team seating bench to provide accessible team seating.

Figure 1: The following figure shows an example of how to identify and designate an accessible parking space at an unpaved parking lot.

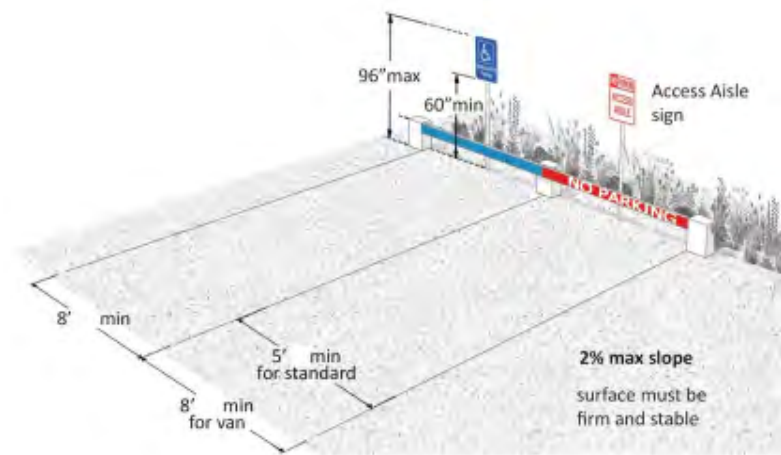


Figure 2: Yellow lines in the following figure show the approximate suggested location for an accessible route from the existing park path to the boundary of the area of sport activity and to team seating at the baseball field.



Order of Magnitude Cost Estimates

- Renovate parking: \$1,850
- Provide an accessible route to the boundary of sport activity and to the team seating at the baseball field. Include a stable, firm and slip-resistant surface at the end of each team seating bench to provide accessible team seating: \$3,600
- Miscellaneous corrective actions (renovate existing park walkway): \$960






Total: \$6,410

Best Practice and Inclusive Design


Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing an accessible portable toilet located on an accessible route in the parking lot or elsewhere in the park.

Town of Merrimac
Emery Street Park

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Existing Route Around the Park	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	5.5%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to correct cross slope.)	1	240	\$240
2	Existing Route Around the Park	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	3.8%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to correct cross slope.)	1	240	\$240
3	Existing Route Around the Park	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	5.4%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	240	\$240
4	Existing Route Around the Park	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	3.7%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	240	\$240
Off-Street Parking Lot or Garage												
5	Parking	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	20 - - - -	Provide a van accessible parking 96" wide min. space with a marked access aisle that is at least 96" wide. Provide a sign with the International Symbol of Accessibility with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible space. (See Figure 1 in the report narrative).	1	1850	\$1850

Town of Merrimac
Emery Street Park

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Play and Sport Areas												
Field												
6	Baseball Field and Team Seating	Ext.		Field	Baseball		Accessible spaces are not provided at team seating Not connected to an accessible-route No accessible route to all areas of sport activity	<ul style="list-style-type: none">---	Provide a 36" x 48" stable, firm and slip resistant clear floor space at team seating. Provide an accessible route to the field. Install an accessible route between all areas of sports activity. (Cost estimate for a 4' wide min. x 180' long asphalt path from existing park path to boundary of sport activity at baseball and team seating area.) See Figure 2 in report narrative.	1	3600	\$3600

Fire Station



Town of Merrimac ADA Transition Plan

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Background

The Merrimac Fire Station is located at 16 East Main Street. The main entrance and six (6) engine bays are located on the building’s south side. A second egress, which is accessible, is located on the east side of the building.

Areas where the public may visit include a service window, the fire chief’s office, men’s and women’s single-user toilet rooms and the garage at certain times such as when tours are provided.

Key Accessibility Issues

Parking

Accessibility issues include lack of a van accessible parking space with a marked access aisle, identification sign with the International Symbol of Accessibility (ISA), and the designation “Van Accessible” also on the sign.

Toilet Rooms

Accessibility issues include lack of an accessible single-user toilet room with an entry door that is at least 32” wide, at least the minimum required clear floor space at the toilet and accessible fixtures.

Additional Accessibility Issues

- Surface openings are greater than allowed at the main entrance on the exterior side of the entry door.
- The interior door leading towards the chief’s office and the toilet rooms requires excessive opening force.
- Lack of the updated designation signage that will be required at the two (2) single-user toilet rooms once an accessible single-user toilet room is provided and both toilet rooms are identified as “All-Gender”.





Order of Magnitude Cost Estimates

- Provide a van accessible parking space: \$1,850
- Renovate a single-user toilet room to make it accessible: \$24,604



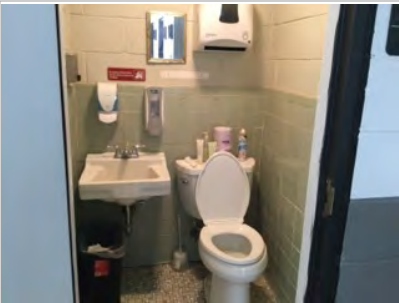
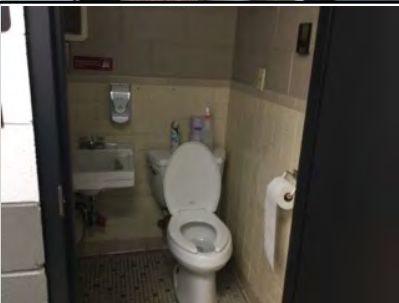
- Miscellaneous corrective actions (repair exterior access route at main entrance, update designation signs once an accessible single-user toilet room is provided, etc.): \$624

Total: \$27,078

Town of Merrimac
Fire Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Front Main Entrance/Exit	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2"	3"	Repair surface opening at threshold. (Cost for an asphalt patch.)	1	160	\$160
Off-Street Parking Lot or Garage												
2	Parking	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided Sign does not have the designation "Van Accessible"	5 - - - -	Provide a van accessible parking space at least 96" wide with a marked access aisle that is at least 96" wide. Provide an identification sign with the International Symbol of Accessibility with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	1850	\$1850
Access to Goods and Services												
Doors, Doorways, & Gates												
3	Men's Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Clear width at door < 32"	28"	Widen the door so that there is 32" min. clear width. (Cost included in ID #8.)	1	-	\$0
4	Entry/Exit to Chief's Office & Toilets	1		Doors, Doorways, & Gates	Circulation		Door requires > 5 lbs. of force to open	15 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	3	Labor	\$0

Town of Merrimac
Fire Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Signage												
5	Women's Toilet Room	1		Signage	Designation		Signage is not provided	-	Once the men's toilet room has been made accessible, provide a sign at the current women's toilet room that indicates that, although it is not accessible, it is also available to "All-Genders".	1	232	\$232
6	Men's Toilet Room	1		Signage	Designation		Signage is not provided	-	Once the men's toilet room has been made accessible, provide a sign with the International Symbol of Accessibility (ISA) and the words "All-Genders".	1	232	\$232
Toilet & Bathing Rooms												
Overall Access												
7	Women's Toilet Room	1		Overall Access	Toilet Room		Turning space not provided Accessible plumbing fixtures or stalls not provided	- -	See recommendations regarding making the men's toilet room accessible and usable by all genders and regarding new signage at the men's and women's toilet rooms once that work is complete.	1	-	\$0
8	Men's Toilet Room	1		Overall Access	Toilet Room		Turning space not provided Accessible plumbing fixtures or stalls not provided	- -	Renovate to provide an accessible single-user toilet room available to all genders.	1	24604	\$24604

Helen R. Donaghue Elementary School



Town of Merrimac ADA Transition Plan

September 2021



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Background

Year Built: 1951 Year Renovated: 1994

Helen R. Donaghue Elementary School is located at 24 Union Street Ext., and serves approximately 229 students in Grades 3 to 6.

Donaghue Elementary School is a four-level building connected by an elevator and four (4) set of egress stairs. There is a small flight of interior stairs that connects the ground level to the 1st floor and a second set of interior stairs that connects the 2nd floor to the 3rd floor. The main entrance/exit is on the east side of the school (Exit #1). Students in 3rd and 4th grades use entrance C2 (Exit #7 – west side), this entrance is not accessible. Students in 5th and 6th grades use entrance B3 Exit #5 – southeast side), this entrance is not accessible. There are four (4) additional exits on the north side of the school (Exits #8, #10, #11 #12), one (1) on the east side near the main entrance (Exit #2) and two (2) on the south and southwest sides of the school (Exits #3 and #6).

The school features a gymnasium, a cafeteria, an art room, a music room, the main office and the nurse’s office on the ground floor, OT/TP, a library and a STEAM classroom on the second floor. Classrooms for 5th and 6th grade are on the first floor and classrooms for 3rd and 4th grade on the third floor. Multi- user toilet rooms are located on all floors. Two (2) additional single-user toilet rooms for students with special needs are located on the 3rd floor and a single-user toilet room is located in the nurse’s office.

There are five (5) parking lots at the school. The parking lot located on the northeast side of the school (front of the building) has nine (9) parking spaces including two (2) accessible spaces. The parking lot located on the north side of the school (lower lot) has 19 parking spaces including two (2) accessible spaces. The parking lot located on the northwest side has 23 parking spaces. The parking located on the south side of the building (near the tennis court) has 13 parking spaces including four (4) reserved

spaces – there are no accessible parking spaces at these parking lots. There is an additional parking lot located on the north side of the school (upper level) that has 23 parking spaces – there are no accessible spaces at this parking lot. IHCD team was told that it is mostly for staff. In addition, there is a bus drop-off area along Union Street (west side).

Other exterior amenities include a paved play area, (southwest side), a baseball field (west side), a softball field (southwest side), a tennis court (southwest side) and two (2) basketball courts one on the southwest side and the second between the baseball and the softball fields.

Note: The softball and baseball fields and playground to the northeast are not part of the school. Those areas were covered in the Steven’s Field report.

Key Accessibility Issues

Parking

Accessibility issues include lack of van accessible parking spaces at the parking lots located on the northwest and south and north (upper level) sides of the school, lack of the minimum width required at the access aisle at one of the accessible spaces (near Exit #11) and the bus drop-off area lacks an access aisle.

Exterior Routes

Accessibility issues include surface openings along the accessible routes that are wider than the maximum allowed, noncompliant running and cross slopes, level changes higher than the maximum allowed and the curb ramp near the play area is not flush with the street.

Areas of Sport Activity

Lack of an accessible route that connects all areas of sport activity including routes to team seating areas, lack of 36” min. x 48” min. clear space at team seating at the baseball dugouts, lack of 36” min. x 48” min. stable, firm and slip-resistant clear

Helen R. Donaghue Elementary School

space at sideline seating (bleachers) and lack of an accessible route to the basketball courts.

Exterior and Interior Doors

Accessibility issues include slopes higher than the maximum allowed at the entrance/exit door landings located at Exits #5 and #7, non-compliant thresholds and doors that require more than the maximum amount of force to open including doors to the toilet rooms.

Classrooms

Accessibility issues include lack of the minimum clear width at the accessible route in the STEAM classroom due to the location of desks, lack of the minimum clear width at the door inside the OT/TP classroom, lack of the minimum required maneuvering clearance at some classroom doors due to the location of cabinets, trash containers, etc., lack of knee clearance at the sinks located inside the classrooms and lack of an assistive listening system in the music room and speech classroom.

Note: If audible communication is integral to the use of a space, an assistive listening system is required. Where an assistive listening system is present, it must be identified by signage with the International Symbol of Access for Hearing Loss.

Signs

Accessibility issues include lack of directional signs at the inaccessible entrance/exits and toilet rooms directing people to the accessible exits and accessible toilet rooms, lack of the International Symbol of Accessibility (ISA) at the accessible entrances/exits and accessible toilet rooms, lack of tactile egress signage (raised characters and braille), lack of tactile designation signs (raised characters and braille), designation signs not located on the latch side of the door and designation signs mounted higher than the maximum height allowed.

Toilet Rooms

Accessibility issues include lack of maneuvering clearance at the entry door to the boys’ and girls’ toilet rooms (ground level) and the toilet located at the Special Ed. classroom. Other accessibility

issues include lack of an accessible urinal (ground level), grab bars mounted higher than the maximum allowed, the girls’ toilet room located on the 1st floor lacks the rear grab bar, lack of knee clearance at lavatories, exposed plumbing underneath lavatories and toilet paper dispensers mounted above the side grab bars. Additional accessibility issues include lack of paper towel dispenser that do not require tight grasping, pinching or twisting of the wrist, lack of a functioning door self closing hinge at the door to the accessible compartments, lack of a door pull on both sides of the door near the latch at the doors to the accessible compartments, and dispensers that protrude into the circulation path.

Accessibility issues at the single-user toilet room located in the nurse’s office include lack of maneuvering clearance at the entry door, and lack of the clear floor space at the toilet due to the location of stored plastic containers,

Additional Accessibility Issues

- Fire extinguishers and shelves that protrude into the circulation path.
- Service counter higher than the maximum height allowed (main office).
- Lack of drinking fountains for standing users.
- Lack of a cane-detectable barrier at the standing drinking fountain located on the ground level.
- Lack of the minimum clear width at the accessible route between the stacks in the library.
- Lack of an accessible dining surface (with knee clearance) at the cafeteria.
- Coat hooks mounted higher than the maximum height allowed.
- Lack of an accessible route to the little library box by the front of the school and lack of compliant hardware on the box itself.
- Elevator hoistway signs are mounted higher than the maximum height allowed.

Figure 1: Yellow lines show the approximate location of suggested routes to the boundary of the area of sport activity, team and spectator (bleacher) seating:



Order of Magnitude Cost Estimates

- Provide six (6) compliant sinks (with knee clearance): \$10,116
- Provide five (5) automatic door openers: \$15,300
- Renovate toilet rooms: \$48,208
- Provide and renovate six (6) drinking fountains: \$25,434
- Provide compliant signage (designation, egress and directional): \$4206
- Provide an impact attenuating surface under and around the play elements (poured-in-place rubber) and provide an accessible route to play areas and elements: \$16,240

Helen R. Donaghue Elementary School

- Miscellaneous corrective actions (exterior routes, parking, protruding objects, drinking fountains, etc.): \$32,084


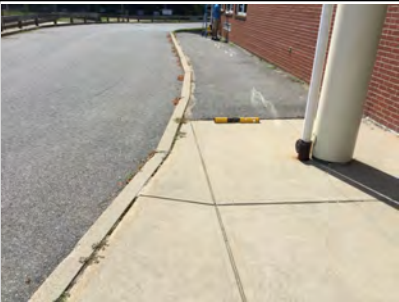

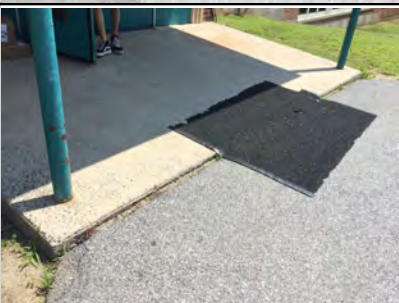

Total: \$151,588

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing 36" by 48" clear space at one end of the bench located near the main entrance.
- Ensure glare does not obstruct view of any items placed in the display case located near the elevator.
- Recommend providing a permanent sign with clear lettering replacing a paper sign taped to the inside of a window by the main entrance (Exit #1).






Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Path Along Parking Lot Near Upper Paved Play Area to North Upper Side Parking Lot	Ext.		Exterior Access Route	Walkway		Surface openings > 1/2"	3.5"	Replace surface openings.	1	240	\$240
2	Near Exit Door 2 (A2)	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2" Cross slope > 1:50 (2.00%)	2.5" 4.3%	Repair surface opening. Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on concrete to correct cross slope and repair surface openings.)	1	348	\$348
3	Path Along Parking Lot Near Upper Paved Play Area	Ext.		Exterior Access Route	Walkway		Surface openings > 1/2" Cross slope > 1:50 (2.00%)	3" 3.3%	Repair surface openings. Reduce cross slope to be no steeper than 1:50 (2.00%).	1	240	\$240
4	Entrance/Exit Door 7 (C2)	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2" Level changes > 1/4"	2.5" 1.5"	Repair surface opening. Alter change in level to be 1/4" high max. (Cost based on an asphalt patch.)	1	160	\$160
5	Upper Paved Play Area	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2" Level changes > 1/4"	5.5" 1"	Replace surface openings in asphalt. Alter change in level to be 1/4" high max.	1	240	\$240






Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Upper Paved Play Area	Ext.		Exterior Access Route	Exterior		Surface openings > 1/2" Level changes > 1/4"	1.5" 1.25"	Replace surface openings in asphalt. Alter change in level to be 1/4" high max.	1	480	\$480
7	Accessible Parking to Main Entrance/Exit	Ext.		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	4.5%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	384	\$384
8	From Exit Door 11 Towards Exit Door 12 (D3)	Ext.		Exterior Access Route	Exterior		Cross slope > 1:50 (2.00%)	5.6%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to reduce cross slope.)	1	240	\$240
9	Front Parking Lot to Main Entrance/Exit Door 1 (A1)	Ext.		Exterior Access Route	Exterior		Cross slope > 1:50 (2.00%)	11.2%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to reduce cross slope.)	1	240	\$240
10	Path Along Parking Lot Near Upper Paved Play Area to North Upper Side Parking Lot	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	8.6%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	240	\$240






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Path Along Parking Lot Near Upper Paved Play Area to North Upper Side Parking Lot	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	7.7%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	240	\$240
12	Near Exit Door 12 (D3)	Ext.		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%) Level changes > 1/4"	4.5% .5"	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max.	1	240	\$240
13	Accessible Parking at Front Lot to Main Entrance/Exit Door 1 (A1)	Ext.		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%) Level changes > 1/4"	4.6% 1"	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. (Cost based on asphalt to reduce cross slope and correct change in level.)	1	240	\$240
14	Stair Near Door 6 (C1)	Ext.		Exterior Access Route	Exterior		Cross slope > 1:50 (2.00%) Level changes > 1/4"	9.1% 1"	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. (Cost estimate for asphalt to repair surface leading to stairs including 1" change in level at start of stairs.)	1	480	\$480
15	Tennis Court Parking to Entrance/Exit	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%)	7.7%	Reduce running slope to be no steeper than 1:20 (5%). (Cost based on asphalt to correct running slope.)	1	240	\$240




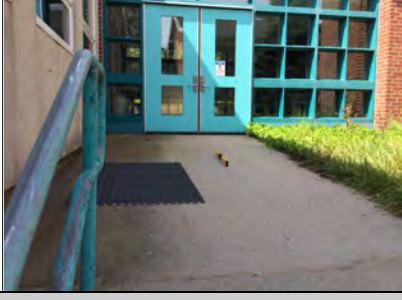

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Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Curb Ramp												
16	Bus Drop Off - West of School Along Union Street Extension	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at drop-off area. (Cost estimate for a concrete curb ramp.)	1	2800	\$2800
17	Curb at Front Parking Lot	Ext.		Curb Ramp	N/A		Running slope > 1:12 (8.33%)	13.7%	Reduce running slope to be no steeper than 1:12 (8.33%). (Cost estimate for a new concrete curb ramp.)	1	2800	\$2800
18	Curb to Main Entrance/Exit Door 1 (A1)	Ext.		Curb Ramp	N/A		Running slope > 1:12 (8.33%)	10.8%	Reduce running slope to be no steeper than 1:12 (8.33%). (Cost estimate for a new concrete curb ramp.)	1	2800	\$2800
19	Curb From Parking Lot Near Upper Paved Play Area	Ext.		Curb Ramp	N/A		Transition from curb ramp to street not flush	.75"	Ensure transition from curb ramp to street is flush or free of changes in level.	1	170	\$170
Off-Street Parking Lot or Garage												
20	Tennis Court Parking	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	13 - - - -	Provide a van accessible parking space and marked access aisle by tennis courts that are at least 96" wide. Provide a sign with International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible parking space.	1	1850	\$1850


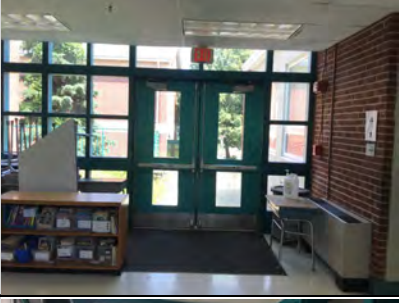
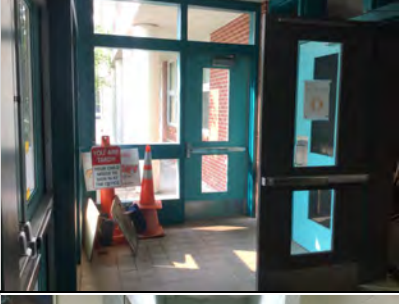


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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
21	Parking Lot Near Upper Playground	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	23 - - - -	Provide a van accessible parking space and marked access aisle that are at least 96" wide. Provide a sign with International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible parking space.	1	1850	\$1850
22	North Upper Side Parking Lot	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided	23 - - - -	Provide a van accessible parking space and marked access aisle that are at least 96" wide. Provide a sign with International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the words "Van Accessible" to the sign at the van accessible parking space.	1	1850	\$1850
23	Accessible Parking at Main Entrance/Exit Door 1 (A1)	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of designated accessible parking spaces Sign bottom < 60" above finished grade	2 34.75"	Locate sign with the bottom of the sign 60" above the ground.	1	Labor	\$0
24	Accessible Parking Near Exit Door 11	Ext.		Off-Street Parking Lot or Garage	Visitor		Access aisle < 60" wide at car/van space Sign not provided	46" -	Provide a marked access aisle that is at least 60" wide. Provide a sign with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground.	1	800	\$800
25	Accessible Parking at Main Entrance/Exit Door 1 (A1)	Ext.		Off-Street Parking Lot or Garage	N/A		Access aisle < 96" wide at van space Sign not provided Sign does not have the designation "Van Accessible"	84" - -	Provide a marked access aisle that is at least 96" wide. Provide a sign with the bottom of the sign 60" min. and the top of the sign 96" max. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	800	\$800



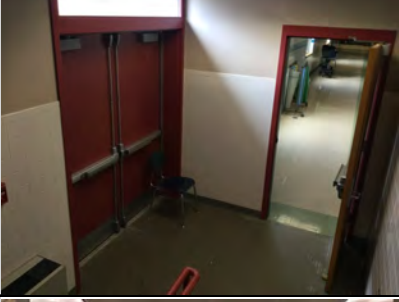
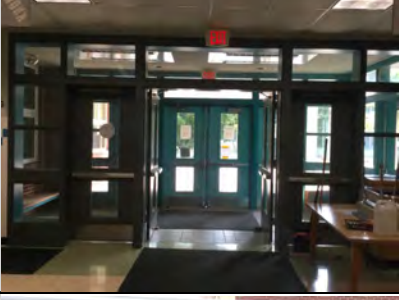

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Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Passenger Loading Zones												
26	Bus Drop Off - West of School Along Union Street Extension	Ext.		Passenger Loading Zones	N/A		Access aisle not provided	-	Provide a marked access aisle that is at least 60" wide and that extends the full length of the vehicle at the drop-off area.	1	300	\$300
Entrance												
27	Entrance/Exit Door 5 (B3)	Ext.		Entrance	Other		Directional sign to accessible entrance not provided	-	Provide a directional sign indicating the location of the nearest accessible entrance.	1	346	\$346
28	Entrance/Exit Door 7 (C2)	Ext.		Entrance	Secondary Entrance		Directional sign to accessible entrance not provided Maneuvering clearance is not provided Door requires > 15 lbs. of force to open	- 5.7% 18 lbs	Provide a directional sign indicating the location of the nearest accessible entrance. Reduce slope at door landing to 2.00% in all directions. Adjust closers so doors do not require more than 15 pounds of force.	1	538	\$538
29	Entrance/Exit Door 5 (B3)	Ext.		Entrance	Secondary Entrance		Maneuvering clearance is not provided	7.6%	Reduce slope at door landing to 2.00% max. in all directions. (Cost based on concrete to correct door landing slope.)	1	384	\$384
Emergency Exit												
30	Exit Door 8 (D1) - Stair Near Room 10	G		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 17 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
31	Entrance/Exit Door 7 (C2)	2		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 20 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
32	Entrance/Exit Door 5 (B3)	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided Door requires > 15 lbs. of force to open	- - 18 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
33	Exit Door 2 (A2) Near Main Entrance/Exit Door 1 (A1)	G		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
34	Exit Door 10 (D2) - Cafeteria	G		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
35	Exit Door 6 (C1)	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232

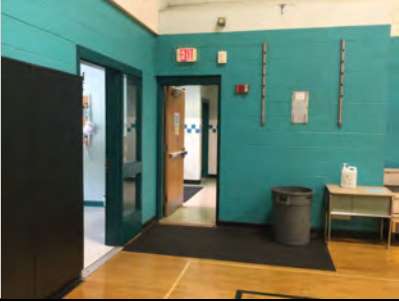




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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
36	Exit Door 12 (D3)	G		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB) Door requires > 15 lbs. of force to open	- - 20 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA). Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
37	Exit Door 11	G		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB) Door requires > 15 lbs. of force to open	- - 18 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
38	Exit Door 3 (B1)	G		Emergency Exit	N/A		Tactile sign not provided at exit Door requires > 15 lbs. of force to open Directional sign to accessible emergency exit not provided	- - 20 lbs	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. Adjust closers of exterior doors so doors do not require more than 15 pounds of force.	1	232	\$232
39	Main Entrance/Exit Door 1 (A1)	G		Emergency Exit	N/A		International Symbol of Accessibility not provided Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide a sign with the International Symbol of Accessibility (ISA). Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide an illuminated sign with the International Symbol of Accessibility.	1	578	\$578
40	Exit Door 12 (D3)	Ext.		Emergency Exit	N/A		Maneuvering clearance at emergency door > 1:50 (2.00%)	6.2%	Alter so that the slope in all directions is no greater than 1:50 (2.00%)./Provide an automatic door opener. (Cost based on a concrete patch to correct slope.)	1	192	\$192






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
41	Exit Door 10 (D2) - Cafeteria	Ext.		Emergency Exit	N/A		Threshold > 3/4" high	1"	Alter the threshold to be 3/4" high max.	1	150	\$150
42	Exit Door 6 (C1)	Ext.		Emergency Exit	N/A		Threshold > 3/4" high	1.25"	Alter the threshold to be 3/4" high max.	1	150	\$150
Access to Goods and Services												
Means of Egress												
43	Exit Door 12 (D3)	G		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
44	Entrance/Exit to Hallway Near Elevator From Gymnasium	G		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	2	232	\$464
45	From Girls' Toilet Room to Stair Near Music Room	2		Means of Egress	N/A		Tactile exit sign not provided Floor level designation not provided	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a sign on the interior of the stairway enclosure indicating the floor level.	1	232	\$232






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
46	Gymnasium Near Exit Door 12 (D3)	G		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
47	Cafeteria	G		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Interior Access Route												
48	Conference	G		Interior Access Route	N/A		Route < 36" wide	27.5"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	Labor	\$0
49	STEAM Grades 3-6	2	4	Interior Access Route	N/A		Route < 36" wide	26"	Ensure that a clear width of 36" min. is maintained at the accessible route. (Reposition tables.)	1	Labor	\$0
50	Fire Extinguisher Near Exit Door 12 (D3)	G		Interior Access Route	N/A		Obstructed by protruding objects	7"	Provide a cane-detectable barrier 27" max. above the ground.	1	306	\$306





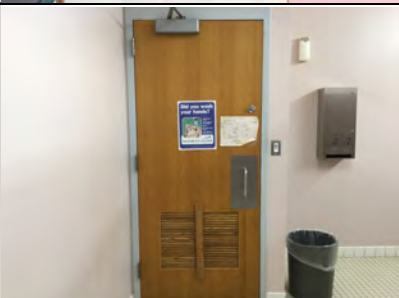
Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
51	Reading Room - Library	2	6	Interior Access Route	N/A		Obstructed by protruding objects	12"	Relocate shelves or provide a cane-detectable barrier.	1	Labor	\$0
Doors, Doorways, & Gates												
52	Special Needs, OT/PT Grades 3 - 6	2	7	Doors, Doorways, & Gates	Other		Clear width at door < 32"	30"	Ensure a clear width of 32 inches. (Reposition padding at entry.)	1	Labor	\$0
53	Toilet - Health	G		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	11"	Provide an automatic door opener.	1	3060	\$3060
54	Girls' Toilet Room Near Room 2	G		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	9.5"	Provide an automatic door opener.	1	3060	\$3060
55	Boys' Toilet Room Near Room 2	G		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	7"	Provide an automatic door opener.	1	3060	\$3060

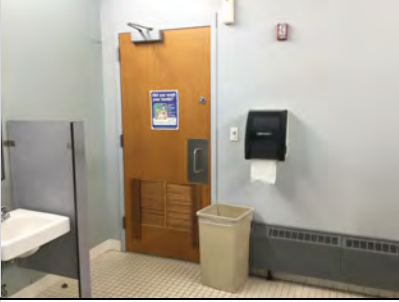


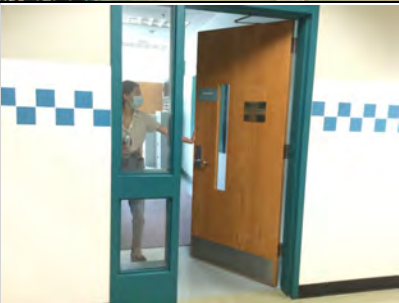

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
56	Sp.Ed Toilet Room	3		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	16"	Provide an automatic door opener.	1	3060	\$3060
57	Sp.Ed Toilet Room for Room 12	3		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	16"	Provide an automatic door opener.	1	3060	\$3060
58	Grade 3 Sp. Ed	3	11	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove trash containers to provide maneuvering clearance at door.	1	Labor	\$0
59	Sp.Ed Grade 3 - 6	3	12	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	15"	Reposition stored items to provide 18" min. pull-side maneuvering clearance at the door.	1	Labor	\$0
60	Sp.Ed Grade 4	3	16	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove trash container to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0




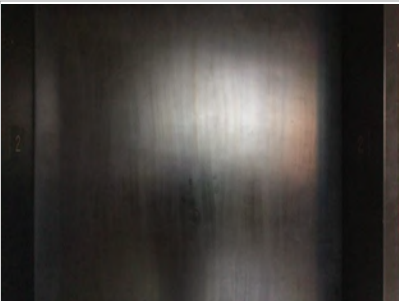

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
61	Grade 4	3	15	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove file cabinet to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
62	Sp.Ed Grade 6	1	24	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	15"	Remove trash container and reposition storage unit to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
63	Speech Room for All Grades	1	23	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove storage unit to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
64	Grade 5	1	18	Doors, Doorways, & Gates	Classroom		Maneuvering clearance(s) not provided	-	Remove trash container to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
65	Women's Toilet Room Near Exit Door 12 (D3)	G		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided Door requires > 5 lbs. of force to open	8" 12 lbs	Relocate trash can from clear floor space at tampon dispenser. Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0

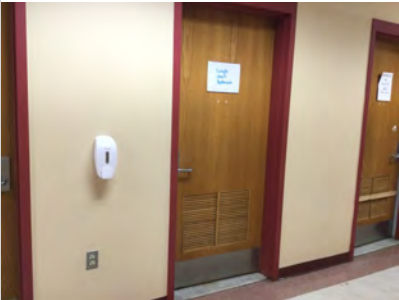


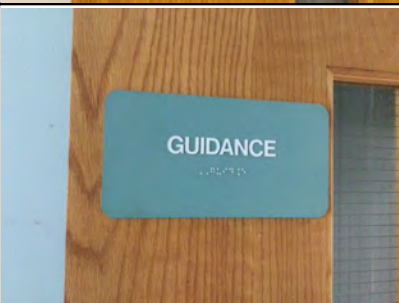
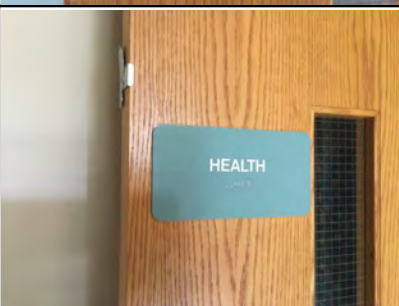
Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
66	Boys' Toilet Room Near Library	2		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided Door requires > 5 lbs. of force to open	- 13 lbs	Remove trash container.	1	Labor	\$0
67	Exit Door 8 (D1) - Stair Near Room 10	Ext.		Doors, Doorways, & Gates	Emergency Egress		Threshold > 1/2" high	2"	Alter the threshold to be 1/2" high max.	1	150	\$150
68	Conference From Hallway	G		Doors, Doorways, & Gates	Meeting Room		Door requires > 5 lbs. of force to open	13 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
69	Guidance	G		Doors, Doorways, & Gates	N/A		Door requires > 5 lbs. of force to open	12 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
70	Men's Toilet Room Near Exit Door 12 (D3)	G		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	13 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0






Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
71	Gymnasium Near Exit Door 12 (D3)	G		Doors, Doorways, & Gates	N/A		Door requires > 5 lbs. of force to open	20"	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
72	Girls' Toilet Room Near Library	2		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	11 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
73	Sp.Ed Toilet Room for Room 12	3		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	12 lbs	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
Elevator												
74	Elevator	2		Elevator	Exterior		Hoistway signs < 48" > 60"	62"	Install hoistway signs on the inside of the door frame 60" above the finished floor.	1	Labor	\$0
75	Elevator	G		Elevator	Exterior		Hoistway signs < 48" > 60" Handrail not provided	62" -	Install hoistway signs on the inside of the door frame 60" above the finished floor. Install handrails on at least one wall of the elevator located between 32" and 36" above the car floor.	1	96	\$96






Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Signage												
76	Sp.Ed Single-User Toilet Room	3		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - - 15 lbs	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
77	Office	G		Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
78	Conference	G		Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
79	Guidance	G		Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62.5" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
80	Health	G		Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0

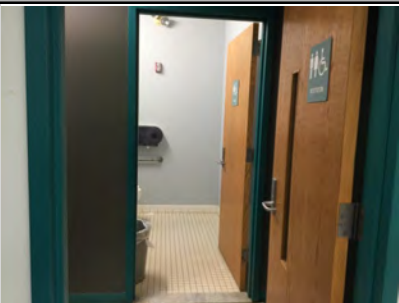




Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
81	Music Room	G	3	Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
82	Grade 3 Sp. Ed	3	11	Signage	Designation		Raised characters < 48" or > 60" above ground Sign not located on the latch side of the door	62" -	Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
83	Men's Toilet Room Near Exit Door 12 (D3)	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
84	Women's Toilet Room Near Exit Door 12 (D3)	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
85	Gymnasium Near Exit Door 12 (D3)	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0





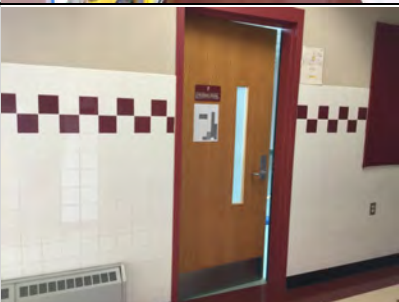
Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
86	Entrance/Exit to Gymnasium From Hallway Near Elevator	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
87	Entrance/Exit to Gymnasium From Hallway Near Elevator	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
88	Activity Room /Guidance Office for All Grades	G	1	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
89	Art Room for All Grades	G	2	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
90	Toilets - Art Room for All Grades	G	2	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0


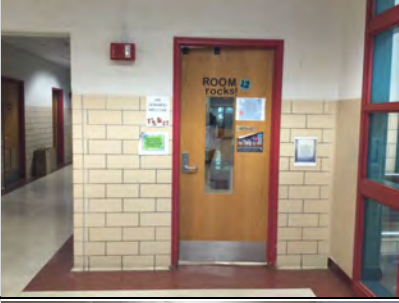
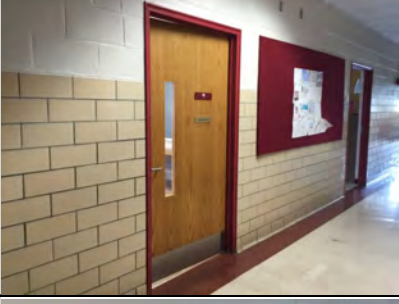
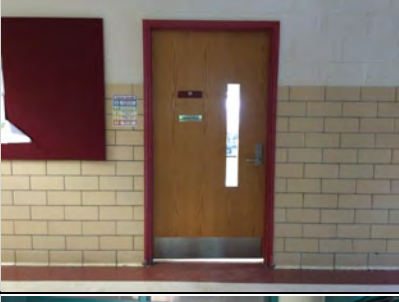

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
91	Girls' Toilet Room Near Room 2	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
92	Boys' Toilet Room Near Room 2	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
93	Stair Near Music Room	G		Signage	Directional		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
94	STEAM Grades 3-6	2	4	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side. Sign also has the wrong room name. Update sign.	1	232	\$232
95	Boys' Toilet Room Near Library	2		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0


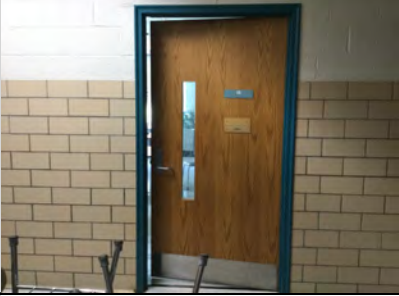
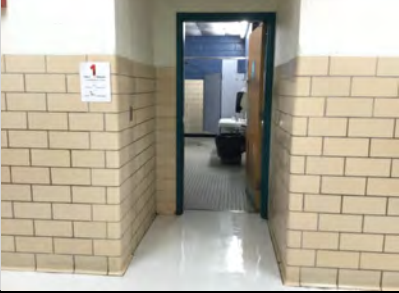


Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
96	From Girls' Toilet Room to Stair Near Music Room	2		Signage	Directional		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
97	Reading Room - Library	2	6	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
98	Reading Room - Library	2	6	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
99	Work Room - Library	2	6	Signage	Designation		Sign not located on the latch side of the door	- -	Locate sign at permanent rooms alongside the door on the latch side. Ensure there is clear floor space a the sign once it is placed on the latch side of the door.	1	Labor	\$0
100	Special Needs, OT/PT Grades 3 - 6 Entrance/Exit Near Library	2	7	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0






Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
101	Special Needs, OT/PT Grades 3 - 6 Entrance/Exit Near Elevator	2	7	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
102	Sp.Ed Grade 3 - 6	3	12	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
103	Sp.Ed Grade 4	3	16	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
104	Grade 4	3	15	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
105	Sp.Ed Grade 6	1	24	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0





Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
106	Speech Room for All Grades	1	23	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
107	Grade 5	1	18	Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
108	Boys' Toilet Room Near Room 18	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
109	Girls' Toilet Room Near Room 18	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
Service Counter												
110	Office	G		Service Counter	N/A		Counter > 36" high	42"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880




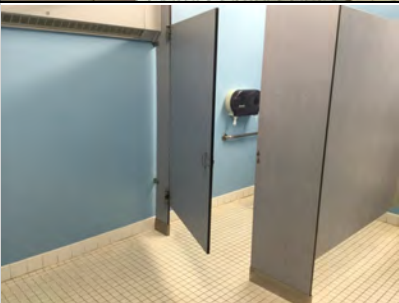

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Operable Parts												
111	Little Library Box/Exit Door 1 (A1)	Ext.		Operable Parts	Other		Element not on an accessible route	-	Clear plants at base of book drop-off.	1	Labor	\$0
112	Bell - Main Entrance/Exit Door 1 (A1)	Ext.		Operable Parts	Other		Clear floor space is not provided Reach < 15" or > 48"(forward/side approach)	- 55.5"	Relocate trash container to provide clear floor space at doorbell. Relocate doorbell so that controls are between 15"- 48" above the finished floor.	1	256	\$256
113	Book - Main Entrance/Exit Door 1 (A1)	Ext.		Operable Parts	Other		Not operable with a closed fist	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	200	\$200
Children's Reach Ranges												
114	Near Exit Door 10 (D2) - Cafeteria	G		Children's Reach Ranges	N/A		Reach < 16" or > 44" (Ages 9 - 12)	77.75"	Relocate so at least one coat hook is between 16" and 44" above the finished floor.	1	Labor	\$0
Dining or Work Surfaces												
115	Cafeteria	G		Dining or Work Surfaces	Dining Surface		At least one or 5% accessible tables not provided	-	Ensure that at least 5% of dining surfaces are accessible.	1	1100	\$1100



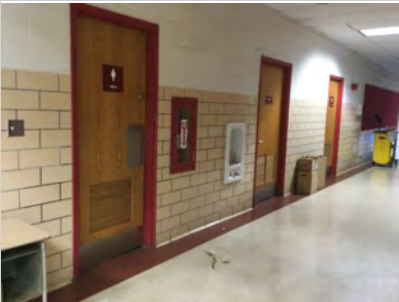

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Assembly Area												
116	Music Room	G	3	Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
117	Speech Room for All Grades	1	23	Assembly Area	N/A		Assistive listening devices not provided	-	Classroom has audio speakers. If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
Libraries												
118	Library	2	6	Libraries	N/A		Accessible route not provided at stacks	27"	Ensure a 36" min. accessible route is provided at stacks. (Reposition book shelves.)	1	Labor	\$0
Toilet & Bathing Rooms												
Toilet Compartment												
119	Men's Toilet Room Near Exit Door 12 (D3)	G		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge.	1	70	\$70

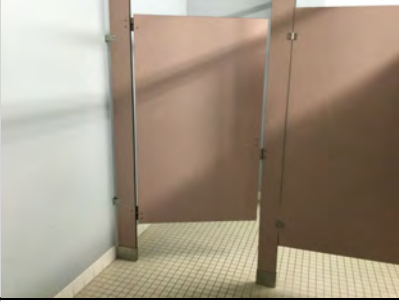
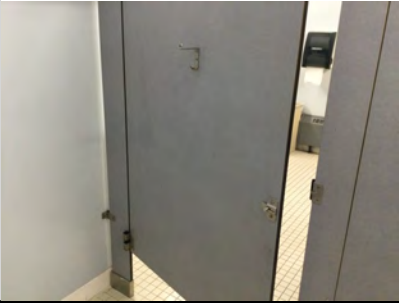



Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
120	Women's Toilet Room Near Exit Door 12 (D3)	G		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Door pull). Repair hinge.	1	70	\$70
121	Boys' Toilet Room Near Room 18	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Door pull.) Repair hinge.	1	70	\$70
122	Girls' Toilet Room Near Room 18	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Door pull.) Repair hinge.	1	70	\$70
123	Men's Toilet Room Near Exit Door 12 (D3)	G		Toilet Compartment	Accessible Compartment		Door has malfunctioning self-closing hinge	-	Repair hinge.	1	Labor	\$0
124	Boys' Toilet Room Near Room 18	1		Toilet Compartment	Accessible Compartment		Grab bars not provided Side grab bar < 42" long Non-compliant toilet paper dispenser	- 32" -	Provide one grab bar on the side wall of the water closet and one on the rear wall. Provide a side wall grab bar that is 42" long min. located 12" max. from the rear wall. Relocate toilet paper so that it is 24" min. high, located under the grab bar, and between 7" and 9" from the front of the toilet./Replace dispenser as it does not allow continuous paper flow.	1	2149	\$2149






Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Urinal												
125	Men's Toilet Room Near Exit Door 12 (D3)	G		Urinal	N/A		Rim > 17" high Urinal recessed > 24" has > 36" clear width	20" 30.5"	Provide at least one urinal with the rim no higher than 17" above the finished floor. If urinal is recessed greater than 24" ensure there is a clear width of 36".	1	3504	\$3504
Dispensers												
126	Women's Toilet Room Near Exit Door 12 (D3)	G		Dispensers	Paper Towel Dispenser		Dispenser acts as a protruding object	-	Relocate dispenser out of the circulation path.	1	256	\$256
Toilet Rooms for Children												
Single-User Toilet (Children)												
127	Girls' & Boys' Toilet Room Near Room 16	3		Single-User Toilet (Children)	N/A		Clearance at toilet < 72" clear deep	-	Provide a directional sign to the nearby accessible toilet rooms.	2	232	\$464
Toilet Compartment (Children)												
128	Boys' Toilet Room Near Library	2		Toilet Compartment (Children)	Accessible Compartment		Door with non-compliant hardware Door with malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Door pull.) Repair self-closing hinge.	1	70	\$70


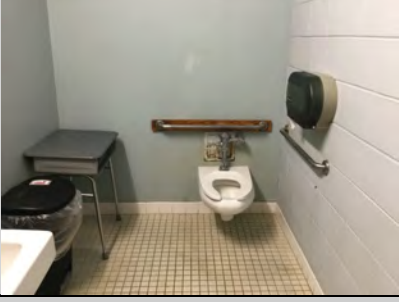



Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
129	Girls' Toilet Room Near Library	2		Toilet Compartment (Children)	Accessible Compartment		Door with non-compliant hardware Door with malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair self-closing hinge.	1	70	\$70
130	Boys' Toilet Room Near Library	2		Toilet Compartment (Children)	Accessible Compartment		Door with malfunctioning self-closing hinge Coat hook not within reach range	53"	Repair self-closing hinge. Lower hook so that it is no higher than 36" high for children ages 3-4/40" for children ages 5-8/44" for children ages 9-12.	1	150	\$150
131	Toilet - Health	G		Toilet Compartment (Children)	Accessible Compartment		Toilet seat < 15" or > 17" high (Ages 9 - 12) Side or rear grab bar < 42" long Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) Non-compliant toilet paper dispenser	19.5" 30" 31.75" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide side/rear wall grab bars that are 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers and other devices are not mounted above grab bars.	1	3832	\$3832
132	Girls' Toilet Room Near Room 2	G		Toilet Compartment (Children)	Accessible Compartment		Toilet seat < 15" or > 17" high (Ages 9 - 12) Side or rear grab bar < 42" long Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) Non-compliant toilet paper dispenser	19" 30" 30.75" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	3832	\$3832
133	Boys' Toilet Room Near Room 2	G		Toilet Compartment (Children)	Accessible Compartment		Toilet seat < 15" or > 17" high (Ages 9 - 12) Side or rear grab bar < 42" long Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) Non-compliant toilet paper dispenser	19" 30" 30" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	3832	\$3832



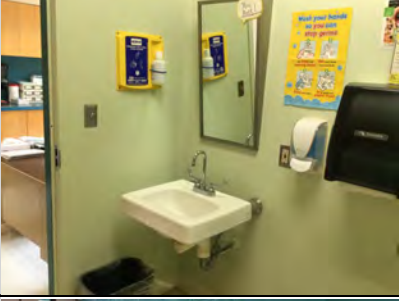
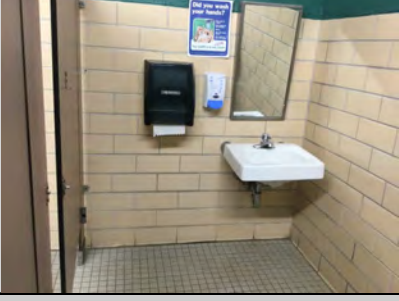

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
134	Boys' Toilet Room Near Library	2		Toilet Compartment (Children)	Accessible Compartment		. Toilet seat < 15" or > 17" high (Ages 9 - 12) . Side or rear grab bar < 42" long . Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) . Non-compliant toilet paper dispenser	18.75" 30" 31" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	3832	\$3832
135	Girls' Toilet Room Near Library	2		Toilet Compartment (Children)	Accessible Compartment		. Toilet seat < 15" or > 17" high (Ages 9 - 12) . Side or rear grab bar < 42" long . Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) . Non-compliant toilet paper dispenser	19" 30" 31" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	3832	\$3832
136	Girls' Toilet Room Near Room 18	1		Toilet Compartment (Children)	Accessible Compartment		. Toilet seat < 15" or > 17" high (Ages 9 - 12) . Side or rear grab bar < 42" long . Side or rear grab bar not provided . Non-compliant toilet paper dispenser	19.5" 32" - -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side and rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	4218	\$4218
137	Men's Toilet Room Near Exit Door 12 (D3)	G		Toilet Compartment (Children)	Accessible Compartment		. Side or rear grab bar < 42" long . Side or rear grab bar < 20" or > 25" high (Ages 5 - 8) . Non-compliant toilet paper dispenser	32" 30" - -	Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 20"- 25" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers and other devices are not mounted above grab bars./Replace dispenser as it does not allow continuous paper flow.	1	1410	\$1410
138	Women's Toilet Room Near Exit Door 12 (D3)	G		Toilet Compartment (Children)	Accessible Compartment		. Side or rear grab bar < 42" long . Side or rear grab bar < 20" or > 25" high (Ages 5 - 8) . Non-compliant toilet paper dispenser	30" 31" - 19.75"	Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 20"- 25" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers and other devices are not mounted above grab bars./Replace dispenser as it does not allow continuous paper flow.	1	1410	\$1410




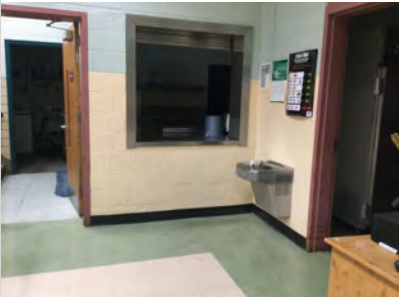

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
139	Sp.Ed Toilet Room	3		Toilet Compartment (Children)	Accessible Compartment		Side or rear grab bar < 42" long Side or rear grab bar < 25" or > 27" high (Ages 9 - 12) Non-compliant toilet paper dispenser Toilet seat < 15" or > 17" high (Ages 9 - 12)	18.75" 30" 31" -	Install a toilet with a seat between 15"- 17" high above the finished floor. Provide a side/rear wall grab bar that is 42" long located 6" max. from the interior corner. Relocate grab bar to 25"- 27" above the floor. Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers are not mounted above grab bars.	1	3832	\$3832
140	Sp.Ed Toilet Room for Room 12	3		Toilet Compartment (Children)	Accessible Compartment		Non-compliant toilet paper dispenser Clearance at toilet < 60" clear width	- -	Relocate toilet paper dispenser so that it is between 14"- 19" above the floor and between 7"- 9" in front of the toilet. Ensure dispensers and other devices are not mounted above grab bars./Replace dispenser as it does not allow continuous paper flow. Provide a wheelchair accessible compartment that is 60" wide min. and 72" deep min. (Remove stored items.)	1	353	\$353
Lavatory (Children)												
141	Girls' Toilet Room Near Room 2	G		Lavatory (Children)	N/A		Toe or knee clearances not provided	23.75"	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. (Remove trash container.)	1	1686	\$1686
142	Boys' Toilet Room Near Library	2		Lavatory (Children)	N/A		Toe or knee clearances not provided Exposed plumbing underneath	22" -	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. Insulate or otherwise configure pipes to prevent contact, for at least one lavatory.	1	1778	\$1778
143	Men's Toilet Room Near Exit Door 12 (D3)	G		Lavatory (Children)	N/A		Toe or knee clearances not provided Exposed plumbing underneath Mirror above lavatory w/reflective surface > 31"	22.5" - 39"	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. Insulate or otherwise configure pipes to prevent contact, for at least one lavatory. Lower mirror so that the bottom surface is at 31" above finished floor.	1	2034	\$2034






Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
144	Girls' Toilet Room Near Room 18	1		Lavatory (Children)	N/A		Toe or knee clearances not provided Exposed plumbing underneath Mirror above lavatory w/reflective surface > 31"	22" - 37.75"	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. Insulate or otherwise configure pipes to prevent contact, for at least one lavatory. Lower mirror so that the bottom surface is at 31" above finished floor.	1	2034	\$2034
145	Boys' Toilet Room Near Room 18	1		Lavatory (Children)	N/A		Toe or knee clearances not provided Mirror above lavatory w/reflective surface > 31"	21.5" 38.5"	Provide at least one lavatory with 25" min. knee clearance positioned for a forward approach. Ensure toe clearance is also provided. Lower mirror so that the bottom surface is at 31" above finished floor.	1	1942	\$1942
146	Toilet - Health	G		Lavatory (Children)	N/A		Exposed plumbing underneath	-	Insulate or otherwise configure pipes to prevent contact, for at least one lavatory. (Pipes have some exposed area.)	1	92	\$92
147	Girls' Toilet Room Near Room 18	1		Lavatory (Children)	N/A		Exposed plumbing underneath Mirror above lavatory w/reflective surface > 31"	- 38"	Insulate or otherwise configure pipes to prevent contact, for at least one lavatory. Lower mirror so that the bottom surface is at 31" above finished floor.	1	348	\$348
Dispensers (Children)												
148	Girls' Toilet Room Near Room 18	1		Dispensers (Children)	Paper Towel Dispenser		Dispenser not operable with a closed fist	-	Provide a dispenser that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. (Issue may be present in all toilet rooms.)	1	200	\$200






Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
149	Men's Toilet Room Near Exit Door 12 (D3)	G		Dispensers (Children)	Paper Towel Dispenser		Dispenser is a protruding object	-	Relocate dispenser out of the circulation path.	1	256	\$256
150	Women's Toilet Room Near Exit Door 12 (D3)	G		Dispensers (Children)	Tampon Dispenser		Dispenser is a protruding object	6.75"	Relocate dispenser out of the circulation path.	1	256	\$256
151	Boys' Toilet Room Near Library	2		Dispensers (Children)	Paper Towel Dispenser		Dispenser is a protruding object		Relocate dispenser out of the circulation path.	1	256	\$256
Additional Access												
Drinking Fountains												
152	Drinking Fountain Near Drop off - Cafeteria	G		Drinking Fountains	N/A		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4028	\$4028
153	Drinking Fountain Near Room 2	G		Drinking Fountains	N/A		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4028	\$4028

Town of Merrimac
Helen R. Donaghue Elementary School






ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
154	Near Room 10	3		Drinking Fountains	N/A		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4216	\$4216
155	Near Room 18	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4216	\$4216
156	Drinking Fountain Near Exit Door 12 (D3)	G		Drinking Fountains	N/A		No drinking fountain provided for standing users Standing height fountain does not have cane protection	- 7"	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain. Provide a cane-detectable barrier skirt under the high unit.	1	4918	\$4918
157	Drinking Fountain Near Library	2		Drinking Fountains	Low		No drinking fountain provided for seated users	-	Provide an additional drinking fountain for seated users or install a Hi-Lo drinking fountain.	1	4028	\$4028
Sinks for Children's Use												
158	Art Room for All Grades	G	2	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686

Town of Merrimac
Helen R. Donaghue Elementary School





ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
159	STEAM Grades 3-6	2	4	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	23.5"	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
160	Grade 3 Sp. Ed	3	11	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
161	Sp.Ed Grade 4	3	16	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
162	Speech Room for All Grades	1	23	Sinks for Children's Use	N/A		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686
163	Grade 5	1	18	Sinks for Children's Use	Classroom		Knee or toe clearance not provided	-	Provide at least one sink with 25" high knee and toe clearance positioned for a forward approach.	1	1686	\$1686

Play and Sport Areas


Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Field												
164	Sideline Seating - Baseball	Ext.		Field	Baseball		Accessible spaces not provided at sidelines seating No accessible route to all areas of sport activity	- -	Provide a 36" x 48" stable, firm and slip-resistant clear floor space at sidelines seating. Install an accessible route between all areas of sport activity. (Cost estimate for a 4' wide x 240' long stone dust path providing an accessible route connecting all baseball sideline and team seating and the boundary of sport activity at baseball. See illustration in report narrative.)	1	7680	\$7680
165	Route to Softball Field by Parking at Tennis Courts Leading to Exterior Stairs	Ext.		Field	Softball		Field not connected to an accessible route	6"	Provide an accessible route to the field. (Cost estimate for a concrete curb ramp. See illustration in report narrative.)	1	2800	\$2800
166	Route to Softball Team Seating Third Base Side	Ext.		Field	Softball		Field not connected to an accessible route	-	Provide an accessible route to the field. (Cost estimate for a 4' wide min. x 60' long stone dust path starting at a new curb ramp at the southwest end of the softball field, following the exterior stairs and connecting to the team seating at the third base side of the softball field. Ensure route has a 5% max. run and 2% max. cross slope. See illustration in report narrative.)	1	1920	\$1920
167	Route to Softball Team Seating First Base Side	Ext.		Field	Softball		No accessible route to all areas of sport activity	-	Install an accessible route between all areas of sport activity. (Cost estimate for a 4' wide min. x 120' long stone dust path starting at a new curb ramp at the southwest end of the softball field, and connecting to the team seating on the first base side of the softball field. Ensure route has a 5% max. run and 2% max. cross slope. See illustration in report narrative.)	1	3840	\$3840
168	Dugouts 1 and 2, Team Seating - Baseball	Ext.		Field	Baseball		No accessible route to all areas of sport activity Accessible spaces not provided at team seating Accessible spaces not provided at sidelines seating	- - -	Provide a 36" x 48" clear floor space at team seating at both baseball dugouts. (Remove a 36" wide section of the seating at the end of the bench in both dugouts.)	2	Labor	\$0

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Court												
169	Upper Paved Play Area	Ext.		Court	Basketball		Court is not connected to an accessible route	- -	Provide an accessible route to the court. (Cost estimate for asphalt to repair cracks in walkway leading to basketball court.)	1	480	\$480
170	Basketball Court Near Baseball Field	Ext.		Court	Basketball		Court is not connected to an accessible route	-	Provide an accessible route to the court. (Cost estimate for a 4' wide min. x 120' long stone dust path from the northwest corner of the basketball court running along the outside of the baseball field's outfield fence and connecting with the existing path at the southeast corner of the school.)	1	3840	\$3840
Best Practice												
171	Main Entrance/Exit Door 1 (A1)	G	Bench		N/A				Recommend providing 36"x48" clear space at one end of bench.	1	-	\$0
Display Case												
172	Near Elevator	G		Display Case	N/A				Ensure glare does not obstruct view of any items placed in the display case.	1		\$0

Town of Merrimac
Helen R. Donaghue Elementary School

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Sign												
173	Main Entrance/Exit Door 1 (A1)	Ext.		Sign	N/A				Recommend providing a permanent sign with clear lettering.	1	-	\$0

Locust Grove Cemetery



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/ tty

Background

Cemetery Year Built: 1884 Office at Cemetery: 1986

The Locust Grove Cemetery is located at 2 Locust Grove Road. The cemetery has a small single-story building at its northeast corner. The structure has just one entry and egress door. Inside the building amenities include a meeting area and a single-user toilet room. Visitors may meet cemetery trustees by appointment in the building’s reception area to purchase a burial plot or for any other cemetery business.

Note: IHCD team was told that a small office inside the building is not open to members of the public. Also, the team was told that there is no designated parking area for cemetery visitors.

Access through the cemetery grounds can be achieved via a vehicular way. Other cemetery amenities include what appear to be memorials including two (2) flag poles, a cannon and a large bell. There are also trash containers and three (3) water spigots.

Key Accessibility Issues

Exterior Access Routes

Accessibility issues include lack of an accessible route to the memorials and to the one (1) water spigot that appears to have accessible hardware.

Toilet Room

Accessibility issues at the single-user toilet room in the office building include an entry door that is narrower than the minimum width required, lack of the minimum required maneuvering clearance at the toilet and lack of accessible toilet room fixtures.

Doors

Accessibility issues with doors include door hardware that cannot be operated without tight grasping, pinching, or twisting of the wrist at the main entry door and the door to the single-user toilet

room. In addition, the threshold at the entry door is higher than the maximum height allowed.

Additional Accessibility Issues

- Lack of an egress sign at the exit door from the office with raised characters duplicated in braille.

Order of Magnitude Cost Estimates

- Renovate toilet room (provide an accessible single-user toilet room including widening the entry door): \$24,604
- Provide exterior accessible routes to monuments and accessible water spigot: \$2,112
- Miscellaneous corrective actions (egress sign, door hardware, door threshold, etc.): \$866



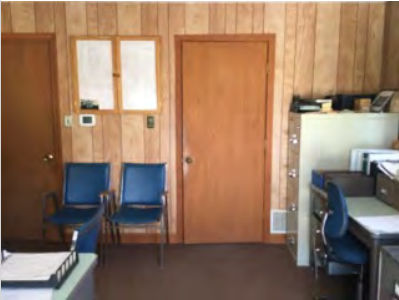
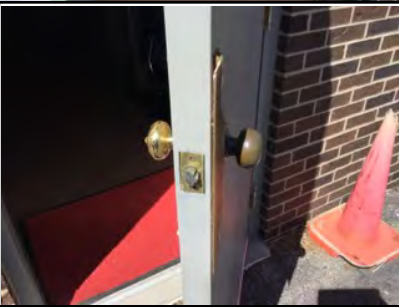
Total: \$27,582

Best Practice and Inclusive Design





Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing a van accessible parking space near the entrance to the cemetery office.
- Recommend providing benches, some with arms and some with backs, at several dispersed location within the cemetery including outside the office building.

Town of Merrimac
Locust Grove Cemetery

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Route to Marker at Flag	Ext.		Exterior Access Route	Exterior		Running slope > 1:20 (5%) Accessible route not provided	14.8% -	If access to the marker at the flag or at the cannon is part of Memorial Day remembrances or other public services, provide an accessible route no steeper than 1:20 (5%) and cross slope to be no greater than 1:50 (2.00%). (Cost based on a 4' wide min. x 30' long stone dust path from car path to the cannon and flag.)	1	960	\$960
2	American Flag and Bell	Ext.		Exterior Access Route	Exterior		Accessible route not provided		If access to the marker at the flag or at the bell is part of Memorial Day remembrances or other public services, provide an accessible route no steeper than 1:20 (5%) and cross slope to be no greater than 1:50 (2.00%). (Cost based on a 4' wide min. x 30' long stone dust path from car path flag and bell.)	1	960	\$960
Entrance												
3	Toilet Room Door at Left in Photo	1		Entrance	N/A		Clear width at door < 32" Maneuvering clearance(s) not provided	30" -	Use offset hinges or widen door to provide 32" min. clear width at the door. Relocate the chair to provide 18" min. pull-side maneuvering clearance at the door. (Cost included in ID #8.)	1	-	\$0
4	Main Entry Door	Ext		Entrance	Main Entrance		Hardware not operable with a closed fist		Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	484	\$484

**Town of Merrimac
Locust Grove Cemetery**

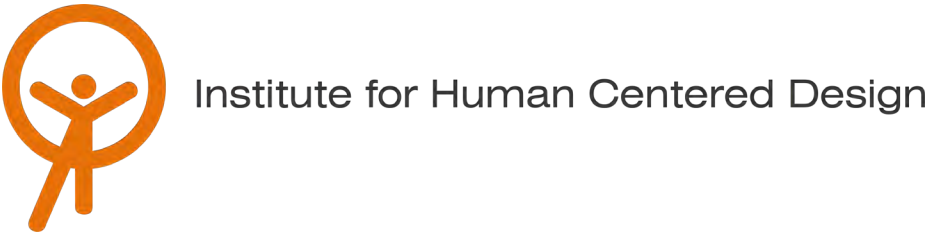
ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Emergency Exit												
5	Office Egress Door	1		Emergency Exit	N/A		Tactile sign not provided at emergency exit	-	Provide a sign with raised characters and braille at the emergency exit.	1	232	\$232
Access to Goods and Services												
Doors, Doorways, & Gates												
6	Office Entry Door	Ext		Doors, Doorways, & Gates	N/A		Mat not securely attached Threshold > 3/4" high	- 2"	Secure the mat. Alter the threshold to be 3/4" high max.	1	150	\$150
Operable Parts												
7	Water Spigot With Accessible Hardware	Ext.		Operable Parts	N/A		Element not on an accessible route	-	Ensure the water spigot with hardware that can be operated with a closed fist is located on an accessible route. (Cost based on a 4' wide min. x 6' long stone dust path from car path flag and bell.)	1	192	\$192
Toilet & Bathing Rooms												
Overall Access												
8	Toilet Room	1		Overall Access	Toilet Room		Turning space not provided Accessible plumbing fixtures or stalls not provided	47" -	Provide an accessible single-user toilet room.	1	24604	\$24604

Lower Corner Cemetery on East Main Street



Town of Merrimac ADA Transition Plan

September 2021



200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/ tty

Background

Lower Corner Cemetery is located on East Main Street across from where Emery Street intersects with East Main. There is a walkway on East Main just outside the south end of the cemetery. The cemetery is bordered by a stone wall with an opening at one point that enables visitors to enter the cemetery from the walkway.

The grounds of the cemetery, which are about 250 feet long and 200 feet wide, are covered with grass and moss, with no apparent walkways or desire lines. Most of the grave markers are from the 18th and early 19th centuries and appear to span a year of death from about the 1720's to the 1950's. Multiple websites provide information about the markers and who is buried in the cemetery.

As no walkways or desire lines currently exist inside the cemetery, there are no issues that are required to be addressed as related to exterior accessible routes on the cemetery grounds. Issues with the walkway that runs along East Main Street just outside the southern boundary of the cemetery are noted in the survey catalog, and are in keeping with the conditions detailed in the full Sidewalks and Walkways narrative report, catalog and Transition Plan spreadsheet that IHCD has prepared for the Town of Merrimac.

Accessibility Issues






Walkway on East Main Street
Accessibility issues with the walkway on East Main Street include surface openings, changes in level and cross slopes that are greater than allowed.

Order of Magnitude Cost Estimates



Total: \$0.00*

***Note:** The survey catalog highlights issues on the walkway along East Main Street. However, costs to remedy those issues are not included. Some general costing information that relates to sidewalks and walkways throughout Merrimac is included in the full Sidewalks and Walkways report and accompanying materials.

Town of Merrimac
Lower Corner Cemetery on East Main Street

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Surface openings > 1/2" Level changes > 1/4"	5" 1"	Provide an asphalt patch. Alter change in level to be 1/4" high max.	1	-	\$0
2	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Surface openings > 1/2" Level changes > 1/4"	2" 1.5"	Provide an asphalt patch. Alter change in level to be 1/4" high max.	1	-	\$0
3	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	5.2%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
4	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	4%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
5	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	6.9%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0

Town of Merrimac
Lower Corner Cemetery on East Main Street

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Cross slope > 1:50 (2.00%)	4.3%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
7	Walkway Heading West on East Main Street	Ext		Exterior Access Route	Sidewalk		Level changes > 1/4"	0.75"	Alter change in level to be 1/4" high max. Provide as asphalt patch.	1	-	\$0

Merrimac Light Department



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

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617-695-1225 voice/ tty

Background

The Merrimac Light Department is located at 10 West Main Street. It is a one-story building with an inaccessible main entrance on the north of the building, a drive-up window on the east of the building, and an accessible entrance adjacent to a parking lot on the southwest side of the building. Other amenities include an after-hours light department bill payment drop-off slot on the north side of the building and a service counter inside the building.

Key Accessibility Issues

Parking

Accessibility issues include lack of a marked access aisle, lack of an identification sign with the International Symbol of Accessibility (ISA), and lack of the designation “Van Accessible” on the sign at the van accessible parking space.

Exterior Ramp

Accessibility issues with the ramp leading to the door at the accessible entrance on the southwest side of the building include lack of a top landing at the door, lack of a bottom landing with a maximum slope of 2.00% in all directions, and the ramp has a running slope that is greater than allowed.

Doors

Accessibility issues include a door leading to the lobby that lacks the minimum required pull-side maneuvering clearance and door thresholds that are higher than the maximum height allowed.

Signage

Accessibility issues include lack of tactile egress signs and lack of a sign at the inaccessible main entrance directing visitors to the nearest accessible entrance.

Additional Accessibility Issues





- The service counter in the lobby is higher than the maximum height allowed.
- Lack of an accessible work surface in the lobby with the top of the work surface no more than 34” above the finished floor.
- The exterior after-hours light bill payment drop-off mail slot is higher than the maximum height allowed.

Order of Magnitude Cost Estimates





- Renovate accessible parking space: \$800
- Renovate doors (thresholds and automatic door opener at door to lobby): \$3,360
- Renovate exterior ramp at accessible entrance: \$17,702
- Miscellaneous corrective actions (accessible work surface, accessible service counter, signage, accessible exterior bill drop-off, etc.): \$3,110

Total: \$24,972




Town or Merrimac
Merrimac Light Department

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Off-Street Parking Lot or Garage												
1	Parking Near Accessible Entrance/Exit	1		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign not provided Sign does not have the designation "Van Accessible"	18 0 1 - - -	Provide a marked access aisle that is at least 96" wide at the van accessible space. Provide a sign with the International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space.	1	800	\$800
Exterior Ramp												
2	Accessible Entrance/Exit	Ext.		Exterior Ramp	N/A		Running slope > 1:12 (8.3%) No top or bottom landing provided	12.1% -	Reduce running slope to be no steeper than 1:12 (8.3%). Provide landing at top of ramp. (Cost based on a 4' wide min. x 15' long concrete ramp with a 5' deep min. level landing at the door with a max. slope of 1:50 (2.00%) in all directions.)	1	17702	\$17702
Entrance												
3	Main Entrance/Exit	1		Entrance	Main Entrance		Directional sign to accessible entrance not provided Threshold > 1/2" high	- 2"	Provide a directional sign indicating the location of the nearest accessible entrance. Alter threshold to be 1/2" high max.	1	496	\$496
Emergency Exit												
4	Main Exit/Entrance	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	2	232	\$464

Town of Merrimac
Merrimac Light Department

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
5	Accessible Exit/Entrance	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If an illuminated exit sign is provided, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Access to Goods and Services												
Means of Egress												
6	To Accessible Entrance/Exit	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Doors, Doorways, & Gates												
7	From Accessible Entrance/Exit to Lobby	1		Doors, Doorways, & Gates	Vestibule		Maneuvering clearance(s) not provided	-	Provide an automatic door opener. (Door has less than 18" min. pull-side maneuvering clearance.)	1	3060	\$3060
8	Accessible Entrance/Exit	Ext.		Doors, Doorways, & Gates	Other		Threshold not beveled Threshold > 1/2" high	- .75"	Bevel the threshold. Alter the threshold to be 1/2" high max.	1	150	\$150

Town or Merrimac
Merrimac Light Department

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Service Counter												
9	Service Counter - Lobby	1		Service Counter	N/A		Counter > 36" high	47.75"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
Operable Parts												
10	Light Bill After Hours Drop-off Mail Slot	1		Operable Parts	Other		Reach < 15" or > 48"(forward/side approach)	65"	Relocate the height of the after hours electric bill payment slot so that its controls and the slot are between 15"- 48" above the finished floor.	1	256	\$256
Dining or Work Surfaces												
11	Table Near Accessible Entrance/Exit	1		Dining or Work Surfaces	Work Surface		Top of dining/work surface < 28" or > 34"	40.25"	Provide at least one work surface with tops between 28"- 34" above the floor and 27" clear height underneath. (Cost based on a new accessible work surface.)	1	700	\$700

Police Station



Town of Merrimac ADA Transition Plan

April 2021



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Background

Year Built: 2020

The new Merrimac police station is located at 2 Jana Way. It is a one-story building with parking for the public on its north side near the main entrance and staff parking on the west side of the building. The police department provides a full range of public safety services. Occasional tours of the police station are also provided.

The main entrance is accessible and has an automatic door opener. There is also a garage entrance on the north side that is used by police. It provides access to entry doors that lead to an intake area for prisoners. An accessible egress door is located in the training room, and an inaccessible egress door is located by the squad room.

The lobby has an intercom communication system and a reception counter. From the lobby there is access to two (2) single-user toilet rooms, a training room with a 48-person capacity that can be used by members of the public, and a conference room where members of the public sometimes fill out gun permit applications. The police station also has an administration office, the police chief’s office, a dispatch room, a squad room, a booking room, an interview room, the aforementioned intake area, and three (3) holding cells including one (1) accessible holding cell.

Key Accessibility Issues

Toilet Rooms

Accessibility issues with the two (2) public single-user toilet rooms include lack of the minimum required maneuvering clearance on the pull-side of the door when exiting the toilet rooms, and coat hooks mounted higher than the maximum height allowed.

Sink

Accessibility issues with the sink in the meeting room include lack of the minimum required knee and toe clearance (per 521 CMR),

exposed plumbing under the sink, and the sink rim is higher than the maximum height allowed.

Assistive Listening System

A television and a podium are provided in the training room, however there is no evidence of an assistive listening system. If audible communication is integral to the use of the space, such as with a microphone system connected to speakers, an assistive listening system must be provided. A sign with the International Symbol of Access for Hearing Loss must also be provided. Assistive listening equipment must be kept charged or otherwise maintained in operable working condition so it is available when needed.

Note: When IHCD team asked if the police department had policies in place to provide effective communication to members of the public including those who may be questioned or detained, IHCD team was told that the department has someone they can call in order to request an interpreter. The department should ensure it has a plan in place to provide a sign language interpreter or to address other effective communication requests, both planned and unplanned, in a timely manner. A “non-scheduled interpreter request” means a request for an interpreter made by an inmate, visitor, companion, or other member of the public, who is deaf or hard of hearing with less than two (2) hours advanced notice. Please see the PART B – Evaluation of Non-discriminatory Policies & Practices in Programs, Services & Activities report for further information.

Signs

Accessibility issues with signs include lack of tactile egress signs, lack of the illuminated International Symbol of Accessibility (ISA) at illuminated exit signs that are located at accessible egress doors, and lack of braille below raised text on designation signs at rooms where the sign is not likely to change over time.

Additional Accessibility Issues

- If the counter in the booking area is used by members of the public, it is higher than the maximum height allowed.

Police Station

- If the telephone receiver and keypad on the telephone located in the booking area are used by members of the public, they are mounted higher than the maximum height allowed.
- Doors throughout the police department require excessive opening force.
- The microwave oven in the training room is mounted higher than the maximum height allowed.

Order of Magnitude Cost Estimates

- Renovate toilet rooms: \$6,420
- Renovate and provide signs: \$3,416
- Renovate sink in meeting room: \$4,872
- Provide an assistive listening system in the meeting room: \$1,214
- Miscellaneous corrective actions (Service counter, telephone): \$1,136



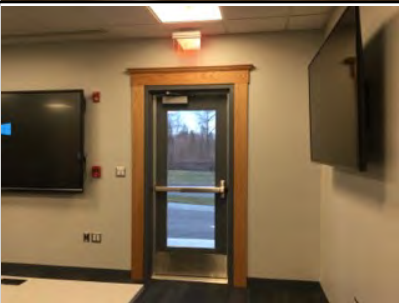

Total: \$17,058

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing an adjustable height podium with toe and knee clearance in the meeting room.
- Recommend providing one ligature-resistant grab bar on the side wall of the toilet lavatory combo unit and one on the rear wall in the accessible holding cell. (See the Department of Justice (DOJ) document *ADA/Section 504 Design Guide: Accessible Cells in Correctional Facilities* (<https://www.ada.gov/accessiblecells.htm>). It references grab bars designed so they do not increase suicide risk.

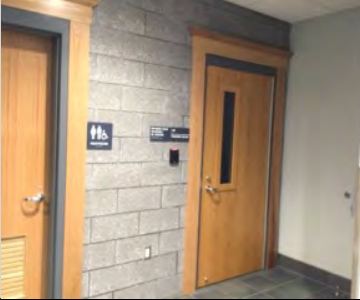




Town of Merrimac
Police Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Emergency Exit												
1	Exit	1		Emergency Exit	N/A		Tactile sign not provided at exit	-	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
2	Main Entrance/ Exit	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide an illuminated sign with the International Symbol of Accessibility.	1	432	\$432
3	Training Room Exit	1	152	Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide an illuminated sign with the International Symbol of Accessibility.	1	432	\$432
Access to Goods and Services												
Means of Egress												
4	Main Entrance/ Exit	1		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232



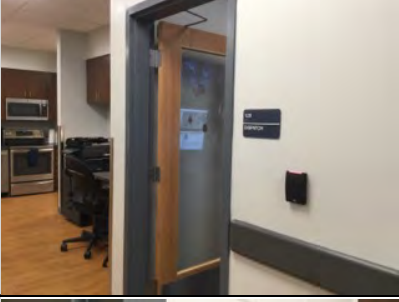
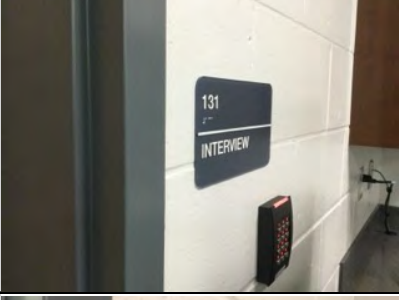

**Town of Merrimac
Police Station**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Doors, Doorways, & Gates												
5	Toilet Room 1	1		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	10"	Provide an automatic door opener. (Lack of 18" min. pull-side maneuvering clearance at door.)	1	3060	\$3060
6	Toilet Room 2	1		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	12"	Provide an automatic door opener. (Lack of 18" min. pull-side maneuvering clearance at door.)	1	3060	\$3060
7	Interview	1	131	Doors, Doorways, & Gates	Other		Maneuvering clearance(s) not provided	-	Remove the obstruction/relocate the chair to provide 18" min. maneuvering clearance on the pull-side of the door.	1	Labor	\$0
8	Toilet Room 1	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	13 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
9	Toilet Room 2	1		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	11 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0

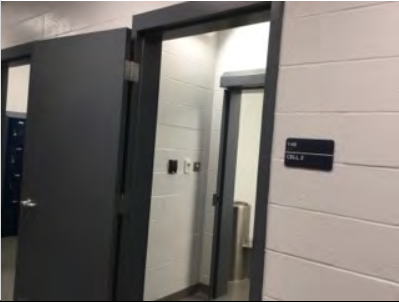

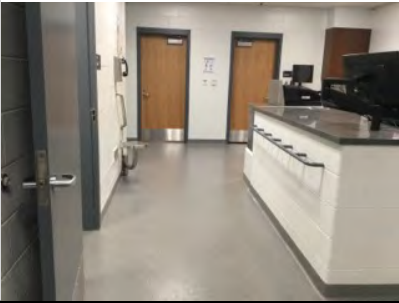


Town of Merrimac
Police Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
10	Training Room	1		Doors, Doorways, & Gates	N/A		Door requires > 5 lbs. of force to open	10 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
11	Conference Room	1	102	Doors, Doorways, & Gates	N/A		Door requires > 5 lbs. of force to open	15 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
12	To Chief's Office From Lobby	1		Doors, Doorways, & Gates	Circulation		Door requires > 5 lbs. of force to open	15 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
Signage												
13	Training Room	1	152	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
14	Conference Room	1	102	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232





**Town of Merrimac
Police Station**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
15	To Chief's Office Through Administration	1	107	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
16	Chief's Office	1	104	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
17	Dispatch Near Squad Room Visited During Tours	1		Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
18	Interview	1	131	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
19	Accessible Cell/Cell 3	1	149	Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232




Town of Merrimac
Police Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
20	Cell 2	1		Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
21	Cell 1	1		Signage	Designation		Braille not provided on sign	-	Provide braille on sign below text. (Signs for interior rooms or spaces where the sign is not likely to change over time should have braille provided. In this case, while braille is present for the room number, braille is lacking below the room name designation text.)	1	232	\$232
Service Counter												
22	Booking	1		Service Counter	N/A		Counter > 36" high	41.5"	If the counter is used by individuals who are being processed in the intake or booking area, provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
Operable Parts												
23	Booking	1		Operable Parts	Emergency Telephone		Reach < 15" or > 48"(forward/side approach)	56"	If the phone receiver is removed and returned from its cradle or dialed by individuals who are being processed in the intake or booking area, relocate phone so that controls are between 15" - 48" above the finished floor.	1	Labor	\$0
Assembly Area												
24	Training Room	1	152	Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214

Town of Merrimac
Police Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Kitchens and Kitchenettes												
25	Training Room	1		Kitchens and Kitchenettes	N/A		Microwave controls > 48"	- 62"	Relocate microwave so that controls are between 15"- 48" above the finished floor or provide a second microwave with controls between 15"- 48" above the finished floor.	1	256	\$256
Toilet & Bathing Rooms												
Single-User Toilet												
26	Toilet Room 1	1		Single-User Toilet	N/A		Hook located > 48" high	54.75"	Locate hook no higher than 48" above the finished floor.	1	150	\$150
27	Toilet Room 2	1		Single-User Toilet	N/A		Hook located > 48" high	55"	Locate hook no higher than 48" above the finished floor.	1	150	\$150
Additional Access												
Sink												
28	Training Room	1	152	Sink	N/A		Toe and knee clearances not provided Rim or counter > 34" Exposed plumbing underneath sink	- 36.5 -	Ensure there is a 27" knee clearance positioned for a forward approach (521 CMR sections 12 - Education facilities / training facilities - and section 32). Relocate sink with the front of the rim or counter no higher than 34". Insulate or otherwise configure pipes at sink.	1	4872	\$4872
Best Practice												

Town of Merrimac
Police Station

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Door Landing												
29	Squad Room Exit	Ext.		Door Landing	N/A				Recommend providing an accessible route from the egress door landing.	1	-	\$0
Podium												
30	Training Room	1	152	Podium	N/A				Recommend providing an adjustable height podium with toe and knee clearance in the meeting room.	1	-	\$0
Toilet Lavatory Combo												
31	Accessible Holding Cell	1		Toilet Lavatory Combo	N/A				Recommend providing one ligature-resistant grab bar on the side wall of the water closet and one on the rear wall.	1	-	\$0

Merrimac Public Library



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

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Background

Year Built: 2004

The Merrimac Public Library is a one-story building located at 86 West Main Street. A parking lot on the west and southwest sides of the building has 45 parking spaces and two (2) accessible parking spaces.

The library has three (3) accessible entrances including the main entrance on the west side of the building which is near the accessible parking. The other two (2) accessible entrances lead to a meeting room and act as the main entrance/exit for the meeting room during after-hours events when they are held at that location. Both locations have power doors. There is also an accessible exit from the children's library section near the accessible entrance to the meeting room. The library has two (2) inaccessible exits from the story time room. An after-hours book return slot is located by the main entrance, and a bike rack is located by the entrance to the meeting room.

The library is one of 35 members of the Merrimack Valley Library Consortium. In addition to offering reference help, area museum and zoo passes, books for all ages, CDs, DVDs, and periodicals, the library is also the location for a wide variety of activities. Some of these include children's programs such as story time and arts and crafts, which takes place in the story time room where a sink is available. At other times the library is the location for events that involve book groups, yoga, music, movies, dance and voting.

The library meeting room has the capacity for 125 visitors, and can be reserved by members of the public including at times after standard library hours which are from 10:00 AM to 5:00 PM on Mondays and Wednesdays, 10:00 AM to 7:00 PM on Tuesdays and Thursdays, and from 10:00 AM to 2:00 PM on Fridays. The library is closed on Saturdays and Sundays during the summer.

Other amenities include a reading room, an archives area, a young adult and children's area with a story time room, desks and study carrels, a copier and a fax machine, computers, printers, a books for sale area, drinking fountains, a kitchen that is used by members of the public with an accessible cooktop, a staff only toilet room, an all gender single-user toilet room with a changing station in the children's area, men's and women's multi-user toilet rooms (each with an accessible compartment and a changing station).

Key Accessibility Issues

Exterior Access Routes

Accessibility issues include surface openings, level changes and cross slopes greater than allowed on the walkway outside the library and lack of an accessible route to two (2) benches outside the library.

Signage

Accessibility issues include designation signs without raised characters or braille that are also mounted higher than allowed and not mounted on the latch side of the door, lack of tactile egress signs at egress doors and lack of signs with an illuminated International Symbol of Accessibility (ISA) sign at exit doors that lead directly to an accessible exit.

Toilet Rooms

Accessibility issues include lack of the minimum required knee and toe clearance at the lavatory in the men's toilet room. In the women's toilet room, the tampon dispenser protrudes into the circulation path and the toilet centerline in the accessible compartment is further than allowed from the side wall.

Assembly Area

Accessibility issues include lack of an assistive listening system in the meeting room.

Note: In each assembly area where audible communication is integral to the use of the space, an assistive listening system must be provided. A sign informing patrons of the availability of

the assistive listening system that includes the International Symbol of Access for Hearing Loss must also be provided.

Additional Accessibility Issues

- At the accessible parking by the main entrance there is a lack of a sign with the designation “Van Accessible” at the van accessible parking space and an International Symbol of Accessibility (ISA) sign is mounted lower than allowed.
- A book exchange receptacle by the main entrance has a control that requires tight grasping, pinching, or twisting of the wrist.
- In some areas the interior accessible route is less than 36” due to the location of furniture.
- The exit doors from the study rooms lack the minimum required pull-side maneuvering clearance due to the location of furniture within the study rooms.
- The pipes under the sink in the kitchen area and at the sink in the children’s area are exposed and not wrapped to protect against contact.
- The floor mat at the main entrance is not securely attached to the floor.
- The exterior side of an exit door by the reading room has a threshold that is higher than allowed.
- A clothes rod near the meeting room is higher than the maximum height allowed.

Order of Magnitude Cost Estimates

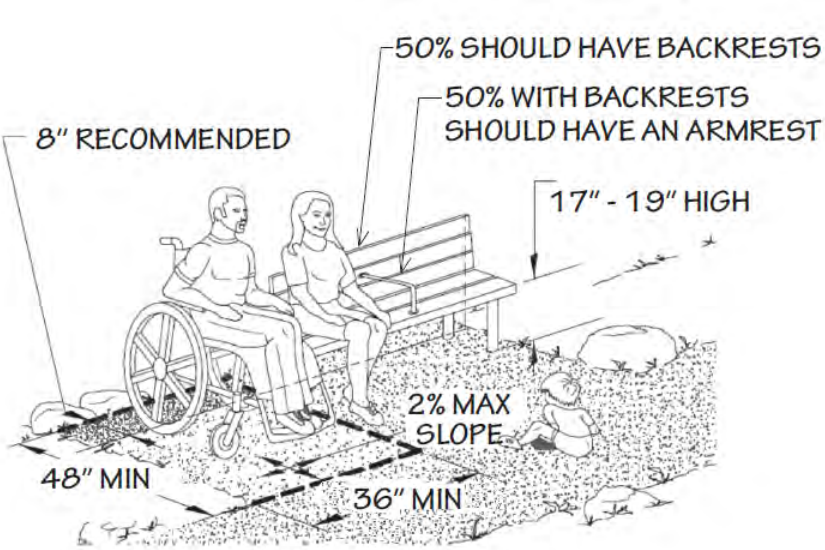
- Renovate and provide exterior accessible routes: \$1,520
- Renovate toilet rooms: \$4,820
- Renovate and provide signage: \$1,856
- Provide an assistive listening system in the meeting room: \$1,214
- Miscellaneous corrective actions (accessible parking, door threshold, receptacle door hardware, clothes rod, insulate pipes under sinks, etc.): \$1,290

Total: \$10,700






Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.



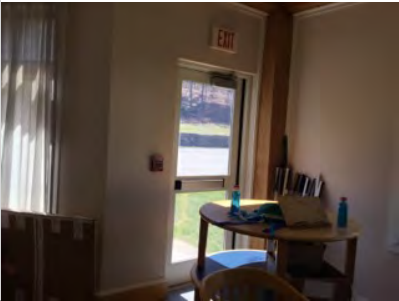
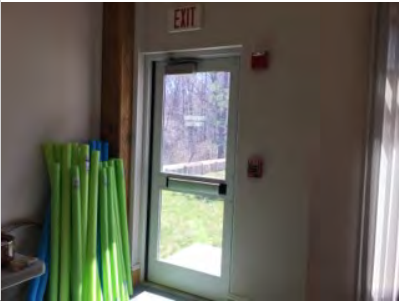
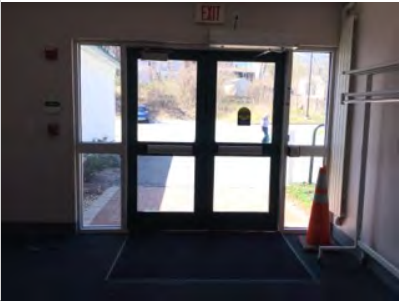
- Recommend providing signage with raised characters and braille on the latch side of the door to all permanent rooms that lack designation signage.
- Recommend providing an adjustable height podium with 27" min. knee and toe clearance in the meeting room.
- Recommend providing a 36" by 48" stable, firm and slip resistant area alongside one bench in each area where benches are provided so that a person using a wheelchair or other mobility device is able to sit alongside someone seated on the bench. See the following diagram for best practice recommendations for benches:





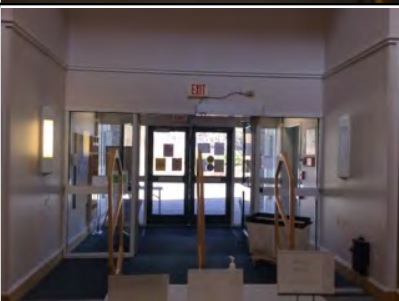


Town of Merrimac
Merrimac Public Library

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Walkway by Library	Ext.		Exterior Access Route	Walkway		Surface openings > 1/2"	2"	Provide asphalt patch at surface opening.	1	160	\$160
2	Walkway by Library	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	5.1%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to reduce cross slope.)	1	240	\$240
3	Walkway by Meeting Room Entrance	1		Exterior Access Route	Walkway		Level changes > 1/4"	1.5"	Alter change in level to be 1/4" high max. (Cost based on an asphalt patch.)	1	160	\$160
Off-Street Parking Lot or Garage												
4	Accessible Parking Near Main Entrance	Ext.		Off-Street Parking Lot or Garage	N/A		Sign does not have the designation "Van Accessible"	-	Add the designation "Van Accessible" to the sign located at the van accessible space.	1	500	\$500
5	Accessible Parking Near Main Entrance	Ext.		Off-Street Parking Lot or Garage	N/A		Sign bottom < 60" above finished grade	31"	Locate sign with the bottom of the sign 60" min. and the tope of the sign 96" max. above the ground.	1	Labor	\$0




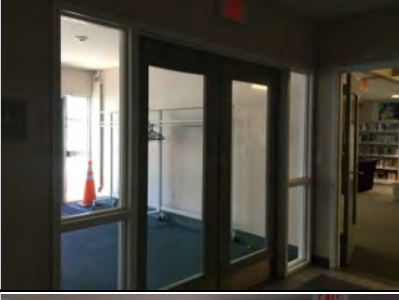

Town of Merrimac
Merrimac Public Library

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Emergency Exit												
6	Emergency Exit by Staff Restroom	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
7	Emergency Exit	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
8	Emergency Exit in Reading Room	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	-	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
9	Emergency Exit in Reading Room	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	-	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
10	Exit to Parking Lot	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Access to Goods and Services												






**Town of Merrimac
Merrimac Public Library**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Means of Egress												
11	Main Exit/Entrance	1		Means of Egress	N/A		Tactile exit sign not provided	-	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door.	1	232	\$232
12	Exit by Children's Area	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
13	Exit/Entrance	1		Means of Egress	N/A		Illuminated ISA symbol not provided (MAAB)	-	If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	-	\$0
Interior Access Route												
14	Library Interior	1		Interior Access Route	N/A		Route < 36" wide	31"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	Labor	\$0
Doors, Doorways, & Gates												
15	Study Room	1		Doors, Doorways, & Gates	Other		Maneuvering clearance(s) not provided	-	Arrange furniture in at least one study room to provide 18" min. pull-side maneuvering clearance at the exit door from the study room.	1	Labor	\$0





**Town of Merrimac
Merrimac Public Library**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
16	Emergency Exit in Reading Room	1		Doors, Doorways, & Gates	Emergency Egress		Maneuvering clearance(s) not provided	-	Remove the table and stored items to provide maneuvering clearance at the egress door.	1	Labor	\$0
17	Main Exit/Entrance	1		Doors, Doorways, & Gates	Emergency Egress		Mat not securely attached	-	Secure the mat.	1	Labor	\$0
18	Emergency Exit by Reading Room	1		Doors, Doorways, & Gates	Emergency Egress		Threshold > 1/2" high	7"	Alter the threshold to be 1/2" high max.	1	150	\$150
19	Toilet Rooms to Meeting Room	1		Doors, Doorways, & Gates	Circulation		Door requires > 5 lbs. of force to open	12 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
20	Meeting Room to Kitchen	1		Doors, Doorways, & Gates	Circulation		Door requires > 5 lbs. of force to open	17 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0





**Town of Merrimac
Merrimac Public Library**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Signage												
21	Entrance/Exit to Meeting Room	1		Signage	Designation		Raised characters not provided on sign Raised characters < 48" or > 60" above ground Braille not provided on sign Sign not located on the latch side of the door	- - - -	Provide text with raised characters duplicated in braille on sign. Mount signs so that the baseline of the lowest tactile character is 48" min. above finished floor and the baseline of the highest tactile character is 60" max. above the finished floor. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
22	Study Room	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0
Service Counter												
23	Circulation	1		Service Counter	N/A		Counter not connected to an accessible route	-	Ensure the accessible counter is connected to an accessible route. (Relocate table.)	1	Labor	\$0
Operable Parts												
24	Clothes Rod Between Meeting Room and Toilet Rooms	1		Operable Parts	Clothes Rod/Hooks		Side reach > 54"	61.75"	Provide a clothes rod between 15" - 48" above the finished floor.	1	256	\$256
25	Book Exchange by Main Entrance	Ext.		Operable Parts	Other		Not operable with a closed fist	-	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist.	1	200	\$200



Town of Merrimac
Merrimac Public Library

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Assembly Area												
26	Meeting Room	1		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
Exterior Benches												
27	Main Entrance	Ext.		Exterior Benches	N/A		No accessible route to one bench in area		Relocate table and trash container so there is clear floor space alongside the bench.	1	Labor	\$0
28	Exterior Near Children's Area	1		Exterior Benches	N/A		No accessible route to one bench in area	-	Relocate benches on an accessible route or provide an accessible route to 20% of benches (no less than 1) in this area. (Cost based on a 4' wide min. x 15' long stone dust route to bench.)	1	480	\$480
29	Emergency Exit by Reading Room	1		Exterior Benches	N/A		No accessible route to one bench in area	-	Relocate benches on an accessible route or provide an accessible route to 20% of benches (no less than 1) in this area. (Cost based on a 4' wide min. x 15' long stone dust route to bench.)	1	480	\$480
Toilet & Bathing Rooms												

Town of Merrimac
Merrimac Public Library

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Lavatory												
30	Men's Toilet Room	1		Lavatory	N/A		Toe or knee clearances not provided	24"	Provide at least one lavatory with knee and toe clearance positioned for a forward approach.	1	1686	\$1686
Toilet Compartment												
31	Women's Toilet Room	1		Toilet Compartment	Accessible Compartment		Centerline < or > 18" (MAAB)	20"	Relocate toilet so the centerline is 18" from the side wall.	1	2828	\$2828
Dispensers												
32	Women's Toilet Room	1		Dispensers	Tampon Dispenser		Dispenser acts as a protruding object	7"	Provide a cane-detectible barrier 27" max. above the ground below the dispenser.	1	306	\$306
Additional Access												
Sink												
33	Kitchen	1		Sink	Kitchenette		Exposed plumbing underneath sink	-	Insulate or otherwise configure pipes at sink.	1	92	\$92

Town of Merrimac
Merrimac Public Library

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Sinks for Children's Use												
34	Children's Area	1		Sinks for Children's Use	Other		Exposed plumbing underneath	-	Insulate or otherwise configure pipes to prevent contact, for at least one sink.	1	92	\$92
Best Practice												
Podium												
35	Podium in Meeting Room	1		Podium	N/A				Recommend providing an adjustable height podium with 27" min. knee and toe clearance.	1	-	\$0

Sidewalks and Walkways Accessibility Survey



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/tty

Background

The Town of Merrimac requested an ADA assessment of the Town’s sidewalks and walkways. IHCD Team was told that most of the surveyed areas, which could at best be described as walkways, were installed in the 1950’s.

IHCD Team was also told that Merrimac is participating in the Massachusetts Department of Transportation (MassDOT) Complete Streets Funding Program. The Program provides technical assistance and construction funding to eligible municipalities that have passed a Complete Streets Policy and developed a Prioritization Plan. In addition, IHCD Team was told that the Town of Merrimac has developed a Complete Streets policy.

“Complete Streets are designed to integrate the needs of all users – pedestrians, cars, trucks, freight, cyclists, transit riders, people with disabilities, and abutting businesses and residents - with a priority on safety and usability, within the context and constraints of the roadway. Types of projects include but are not limited to: bike lanes, safer street crossings, signage, traffic calming measures, ADA accessible curb ramps, speed feedback signs, and sidewalks”

The areas surveyed included walkways, sidewalks and street areas along Church Street (east side only), School Street, Winter Street, Willowdale Drive, Nichols Street, Abbott Street, Sawyer Street, Maple Street, Pine Street, Prospect Street, Spring Street, Lincoln Street, Vendome Street, Grove Street, Summer Street, Judkins Court, Liberty Street, Mechanic Street, Orchard Street, Town Forest Road, Railroad Avenue, Broad Street, Locust Street, Adams Street, Union Street, Walnut Street, Middle Street, Pleasant Street, Green Street, Central Street, Lancaster Court, Bartlett Street and Milk Street.

IHCD team was asked not to survey most of Main Street as the sidewalks in that area are maintained by the State. A review of a small section of Main Street focused on the roundabout connecting West and East Main Street. The review of the path

between the Donoghue and Sweetsir Schools included Locust Street and Church Street, but excluded West Main Street.

Note: Title II of the Americans with Disabilities Act (ADA) requires that state and local governments ensure that persons with disabilities have access to the pedestrian routes in the public right of way. An important part of this requirement is the obligation whenever streets, roadways, or highways are altered to provide curb ramps where street level pedestrian walkways cross curbs. This requirement is intended to ensure the accessibility and usability of the pedestrian walkway for persons with disabilities. Alterations of streets, roads, or highways include activities such as reconstruction, rehabilitation, resurfacing, widening, and projects of similar scale and effect. Maintenance activities on streets, roads, or highways, such as filling potholes, are not alterations. See *Department of Justice/Department of Transportation Joint Technical Assistance1 on the Title II of the Americans with Disabilities Act Requirements to Provide Curb Ramps when Streets, Roads, or Highways are Altered through Resurfacing* at https://www.fhwa.gov/civilrights/programs/ada/doj_fhwa_ta.cfm

Key Accessibility Issues:

Note: Overall there was little evidence of any maintenance, repair or improvement to the walkways that IHCD Team was told were installed in the 1950’s. As a result, most of the areas surveyed lacked almost all of the elements required in order to provide an accessible route.

Exterior Routes

- Most areas along the existing walkways are just 36” wide or less, and lack passing areas so that individuals using wheeled mobility devices and moving in opposite directions could get by each other without having to move off of the walkway.
- Most areas along the existing walkways have deteriorated surfaces and lack maintenance. As a result, there are frequent instances of excessive changes in level, an uneven surface and areas that do not prevent the accumulation of water.

- Most of the existing walkways have frequent areas with excessive cross slopes.
- Many walkway areas have foliage that protrudes into the walkway. There are also many instances with trees, plants, sand, deteriorated asphalt or other obstructions that reduce the clear width below 36 inches.
- Some walkways terminate without warning at grass or where no curb ramp or other means of accessible transition from the walkway is available.

Curb Ramps

- Many curb ramps were not flush with the street.
- Many of the curb ramps were not maintained in operable working condition.
- Many curb ramps are simply not provided where needed.

Additional Accessibility Issues

- In some locations, where street furniture was provided (e.g., benches), clear floor space adjacent to benches was not provided.
- There is lack of a detectable warning at the edge of the walkway that aligns with the crosswalk along Church Street and by Sweetsir School. (The existing detectible warnings are set back from the roadway edge.)

Order of Magnitude Cost Estimate

Note: The client requested an estimate of the cost for the provision of ten miles of replaced and resurfaced walkways and connecting new asphalt sidewalk with a minimum width of 5 feet. The client also requested an estimate of the cost for the inclusion of 65 compliant curb ramps with detectable warnings either at locations where they do not presently exist or at locations where existing curb ramps are not compliant and need to be repaired or replaced.

- The order-of-magnitude cost estimate for ten miles of 5 foot - wide replaced and resurfaced walkway and new connecting

asphalt sidewalk, not including engineering costs or the costs for tree removal when that is required in order to maintain the 5 foot minimum width, is: \$1,900,800.

- The order-of-magnitude cost estimate for the inclusion of 65 compliant standard concrete curb ramps with detectable warnings is: \$182,000






Total: \$2,082,800

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing detectable warnings at all intersections.
- Recommend a painted warning on walkway areas that are adjacent to a drain placement that is approximately 12” below the side of the walkway since falling from the walkway at those points presents a significant risk of injury.






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Pedestrian Access Routes												
Walking Surface												
1	Winter Street Opposite House 30	Ext.		Walking Surface	N/A		Accessible route not provided	-	Recommend an accessible route is provided between sections of terminated walkway.	1	-	\$0
2	Winter Street and Town Forest Road	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route where sidewalk terminates at street shoulder of 5' min. width is provided along the street.	1	-	\$0
3	Winter Street House 7	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Relocate trash container away from the accessible route.	1	-	\$0
4	Winter Street House 22	Ext.		Walking Surface	Underpass		Accessible route not provided	-	Recommend an accessible route to a curb ramp, 60" min. x 60" min. turning space, or signage at accessible route to street indicating the sidewalk terminates.	1	-	\$0
5	Abbott Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Intersection Sawyer Street and Maple Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
7	Sawyer Inner Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
8	Intersection Pine Street and Summer Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
9	Intersection Maple Street and Spring Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
10	Prospect Street House 18	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Intersection Prospect Street and Spring Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
12	Judkins Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
13	Prospect Street House 6	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
14	Liberty Street House 9	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
15	Railroad Avenue	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
16	Lincoln Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
17	Lincoln Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
18	Town Forest Road	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
19	Central Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
20	Central Street Inner Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
21	Vale Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
22	Middle Street Residential Inner Road	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
23	Walnut Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
24	School Street Short's Express	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
25	Intersection Mill Street and School Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
26	Intersection Mill Street and School Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
27	Mill Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
28	Bartlett Street	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
29	Locut Street Field Side	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
30	Fairfield Ave	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
31	Little's Court	Ext.		Walking Surface	N/A		Accessible route not provided	-	Consider an accessible route of 5' min. width is provided along the street.	1	-	\$0
32	Union Street Ext.	Ext.		Walking Surface	Sidewalk		Accessible route not provided Route < 36" wide	- -	Ensure an accessible route is provided. Ensure that a clear width of 36" min. is maintained at the accessible route.	1		\$0
33	School Street Opposite House 45	Ext.		Walking Surface	Sidewalk		Accessible route not provided Route < 36" wide	- -	Ensure an accessible route is provided. Ensure that a clear width of 36" min. is maintained at the accessible route.	1		\$0
34	Winter Street House 21	Ext.		Walking Surface	Sidewalk		Accessible route not provided Route < 36" wide Route not maintained in operable working condition	- - -	Ensure an accessible route is provided. Ensure that a clear width of 36" min. is maintained at the accessible route. Ensure route is maintained in operable working condition.	1		\$0
35	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Accessible route not provided Cross slope > 1:50 (2.00%)	- 4.6%	Recommend an accessible route to a curb ramp, 60" min. x 60" min. turning space, or signage at accessible route to street indicating the sidewalk terminates. Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0

Town of Merrimac
Sidewalks and Walkways






ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
36	Grove Street Opposite House 25	Ext.		Walking Surface	Sidewalk		Accessible route not provided Level changes without bevels > 1/4"	- 2"	Ensure an accessible route of 5' min. width is provided along the street. Alter change in level to be 1/4" high max.	1	-	\$0
37	Intersection Woodland Street and Lincoln Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided Level changes without bevels > 1/4" Route not maintained in operable working condition	- 3" - -	Recommend an accessible route to a curb ramp, 60" min. x 60" min. turning space, or signage at accessible route to street indicating the sidewalk terminates.	1	-	\$0
38	Grove Street	Ext.		Walking Surface	Sidewalk		Accessible route not provided Route not maintained in operable working condition	- -	Ensure an accessible route is provided. Ensure route is maintained in operable working condition.	1		\$0
39	Intersection Abbott Street and Church Street	Ext.		Walking Surface	N/A		Accessible route not provided Route not maintained in operable working condition	- -	Ensure an accessible route is provided. Ensure route is maintained in operable working condition.	1		\$0
40	School Street Short's Express	Ext.		Walking Surface	N/A		Accessible route not provided Route not maintained in operable working condition	- -	Ensure an accessible route is provided. Ensure route is maintained in operable working condition.	1		\$0

Town of Merrimac
Sidewalks and Walkways




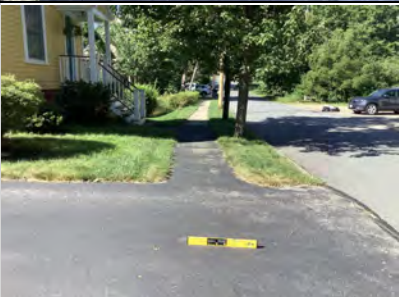

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
41	School Street Opposite House 28	Ext.		Walking Surface	Sidewalk		Route < 36" wide	32"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	-	\$0
42	School Street House 3	Ext.		Walking Surface	Sidewalk		Route < 36" wide Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	25" 11.4% 4" -	Ensure that a clear width of 36" min. is maintained at the accessible route. Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
43	School Street House 48	Ext.		Walking Surface	Sidewalk		Route < 36" wide Cross slope > 1:50 (2.00%) Surface not stable, firm and slip-resistant Route not maintained in operable working condition	25" 8.1% - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
44	Intersection With Liberty Street	Ext.		Walking Surface	Sidewalk		Route < 36" wide Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	30" 3.3% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
45	School Street Opposite House 45	Ext.		Walking Surface	Sidewalk		Route < 36" wide Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	29" 9.3% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
46	Summer Street at Intersection With Prospect Street	Ext.		Walking Surface	Sidewalk		Route < 36" wide Route not maintained in operable working condition	24" -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
47	Vendome Street	Ext.		Walking Surface	Sidewalk		Route < 36" wide Route not maintained in operable working condition	24" -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
48	Liberty Street at Enduring Wood Products	Ext.		Walking Surface	Sidewalk		Route < 36" wide Route not maintained in operable working condition	30" -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
49	Liberty Street at Enduring Wood Products	Ext.		Walking Surface	Sidewalk		Route < 36" wide Route not maintained in operable working condition	30" -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
50	Willowdale Drive	Ext.		Walking Surface	Sidewalk		Obstructed by protruding objects Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	- 2" - -	Trim low hanging branches in trees. Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
51	Willowdale Drive House 12	Ext.		Walking Surface	Sidewalk		Vertical clearance < 80" above ground Surface not stable, firm and slip-resistant Route not maintained in operable working condition	60" - -	Trim low hanging tree branches. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
52	Broad Street	Ext.		Walking Surface	Sidewalk		Vertical clearance < 80" above ground Route not maintained in operable working condition	- -	Trim low hanging tree branches. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
53	Prospect Street House 4	Ext.		Walking Surface	Underpass		Cross slope > 1:50 (2.00%)	7.7%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
54	Prospect Street House 10	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	3.7%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
55	Mechanic Street House 1	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	3.9%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
56	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	6%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
57	School Street House 21	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	3.2%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
58	School Street Opposite House 32	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	10%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
59	School Street House 53	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	8.7%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
60	School Street House 3	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	4.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0





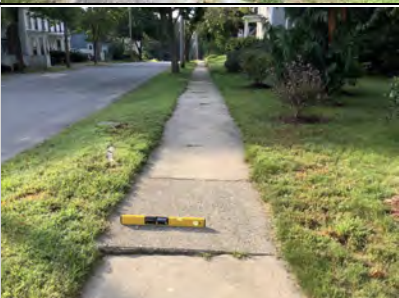
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
61	East Main Street Bank of America ATM	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	6.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
62	Broad Street at Osaka	Ext.		Walking Surface	Walkway		Cross slope > 1:50 (2.00%)	7.4%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
63	Broad Street at Sloban Auto	Ext.		Walking Surface	Walkway		Cross slope > 1:50 (2.00%)	6.3%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
64	Woodland Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	2.9%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
65	Locust Street House 30	Ext.		Walking Surface	Walkway		Cross slope > 1:50 (2.00%)	5.2%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
66	Locust Street House 26	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	6.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
67	Broad Street Dunkin Donuts	Ext.		Walking Surface	Walkway		Cross slope > 1:50 (2.00%)	9.1%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
68	Broad Street Opposite BeWell	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%)	4.9%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
69	School Street House 33	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4"	4% 1" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max.	1	-	\$0
70	Willowdale Drive 1	Ext.		Walking Surface	Overpass		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	4% 0.75" - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
71	Intersection Church Street and Nichols Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	3.3% 3" - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
72	Church Street House 81	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	2" - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
73	Intersection Woodland Street and Grove Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	3.3% 1.25" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
74	Lincoln Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	6.4% 1.5" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
75	School Street House 33	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	3.7% 3" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
76	School Street Opposite House 48	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	4.2% 2.5" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
77	School Street House 41	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	2.9% 1" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
78	School Street House 55	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	5.3% 1.25" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
79	School Street House 1	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	10.4% 2.5" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
80	Union Street Ext.	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Level changes without bevels > 1/4" Route not maintained in operable working condition	4% 0.75" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
81	Intersection Church Street and Winter Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Does not prevent accumulation of water Route not maintained in operable working condition	3.1% - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
82	Broad Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Does not prevent accumulation of water Route not maintained in operable working condition	4% 1.5" - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
83	Broad Street Dunkin Donuts	Ext.		Walking Surface	Walkway		Cross slope > 1:50 (2.00%) Does not prevent accumulation of water Route not maintained in operable working condition	7.3% - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
84	Broad Street Opposite Cobbler's Brook	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Does not prevent accumulation of water Route not maintained in operable working condition	3.7% - -	Reduce cross slope to be no steeper than 1:50 (2.00%). Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
85	Church Street House 63	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	4.2% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
86	Intersection Church Street and Willowdale Drive	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	6.2% 1.5" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
87	Willowdale Drive House 21	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	5% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
88	Grove Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	3.9% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
89	Prospect Street House 14	Ext.		Walking Surface	Overpass		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	5.2% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
90	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	3.2% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure route is maintained in operable working condition.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
91	Intersection School Street and Central Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	6% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
92	School Street House 43	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	2.8% 1" -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
93	School Street Opposite House 52	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	3% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
94	Intersection School Street and Pleasant Street	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	5.6% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
95	School Street House 53	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	4.9% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
96	School Street House 55	Ext.		Walking Surface	Sidewalk		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	5.5% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
97	Church Street House 83	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4"	1"	Alter change in level to be 1/4" high max.	1	-	\$0
98	Prospect Street House 40	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4"	1.25"	Alter change in level to be 1/4" high max.	1	-	\$0
99	Locust Street House 9	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4"	4.4% 1"	Alter change in level to be 1/4" high max.	1	-	\$0
100	School Street Opposite House 32	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4"	2"	Alter change in level to be 1/4" high max.	1	-	\$0

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
101	Intersection Liberty Street and East Main Street	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4"	4.2% 1.25"	Alter change in level to be 1/4" high max.	1	-	\$0
102	School Street House 43	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Surface not stable, firm and slip-resistant Route not maintained in operable working condition	1" - -	Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
103	Intersection Woodland Street and Vendome Street House 30	Ext.		Walking Surface	Underpass		Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	2" - -	Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
104	Lincoln Street House 6	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	3" - -	Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
105	Woodland Street House 38	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Does not prevent accumulation of water Route not maintained in operable working condition	3" - -	Alter change in level to be 1/4" high max. Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
106	Church Street Across From House 28	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
107	Church Street Across From House 30	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	2" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
108	Church Street House 31	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	2" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
109	Church Street House 53	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1.5" -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
110	Church Street House 55-57	Ext.		Walking Surface	Underpass		Level changes without bevels > 1/4" Route not maintained in operable working condition	1" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
111	Church Street House 57	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	3" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
112	Nichols Street House 14	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	4" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
113	Sawyer Street	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	2.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
114	Maple Street House 23	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
115	Grove Street House 31	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	2" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
116	Grove Street	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	3" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
117	Prospect Street House 10	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
118	Holy Redeemer Parish	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1.5" -	Alter change in level to be 1/4" high max. Ensure route is maintained in operable working condition.	1	-	\$0
119	Holy Redeemer Parish	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	3" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
120	Pleasant Street	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	3" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
121	Locust Street House 9	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
122	Locust Street House 2	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	2" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
123	School Street Opposite House 34	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	0.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
124	School Street Opposite House 48	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
125	School Street House 53	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1" -	Alter change in level to be 1/4" high max. Ensure route is maintained in operable working condition.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
126	School Street House 55	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	1.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
127	School Street House 3	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	4" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
128	Locust Street House 30	Ext.		Walking Surface	Sidewalk		Level changes without bevels > 1/4" Route not maintained in operable working condition	0.5" -	Alter change in level to be 1/4" high max. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
129	East Main Street at Towne Market	Ext.		Walking Surface	Sidewalk		Beveled changes in level > 1/2"	0.5"	Alter surface so that bevel height is 1/4" min.	1	-	\$0
130	Locust Street House 26	Ext.		Walking Surface	Sidewalk		Beveled changes in level > 1/2" Route not maintained in operable working condition	0.5" -	Alter surface so that bevel height is 1/4" min. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0





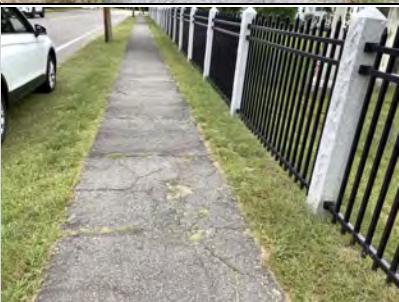
Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
131	School Street House 1A	Ext.		Walking Surface	Sidewalk		Surface not stable, firm and slip-resistant Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
132	School Street House 48	Ext.		Walking Surface	Sidewalk		Surface not stable, firm and slip-resistant Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
133	Vendome Street	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water	-	Repair surface.	1	-	\$0
134	Winter street House 11	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
135	Winter Street House 5	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
136	Prospect Street House 12	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
137	Locust Street House 8	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
138	Locust Street House 10	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
139	Locust Street House 27	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
140	Broad Street at Osaka	Ext.		Walking Surface	Walkway		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
141	Broad Street at Sloban Auto	Ext.		Walking Surface	Sidewalk		Does not prevent accumulation of water Route not maintained in operable working condition	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
142	Pilgrim Church	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
143	Church Street Cemetery	Ext.		Walking Surface	Overpass		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
144	Church Street Cemetery	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
145	Church Street Cemetery	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
146	Church Street House 67	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
147	Church Street House 71	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
148	Intersection Woodland Street and Vendome Street House 25	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
149	Winter Street Across From House 22	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
150	Winter Street House 16	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
151	Winter Street House 15	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
152	Sawyer Street Opposite House 7	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
153	Maple Street Beginning of Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
154	Maple Street House 11	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
155	Pine Street House 44	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0




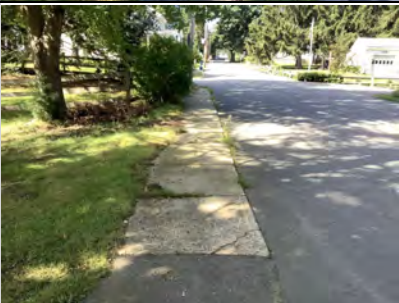

Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
156	Pine Street House 44	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
157	Intersection Pine and Summer Streets	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
158	Prospect Street House 20	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
159	Summer Street House 20	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
160	Summer Street Opposite House 20	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0




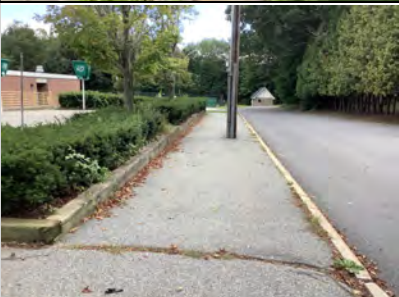

Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
161	Summer Street Opposite House 13	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
162	Summer Street House 13	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
163	Intersection Summer Street Vendome Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
164	Summer Street House 3	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
165	Intersection Grove Street and Orchard Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
166	Grove Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
167	Prospect Street House 4	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	10.2% -	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
168	Prospect Street House 8	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
169	Prospect Street House 14	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
170	Mechanic Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
171	Liberty Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
172	Green Street House 39	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
173	Middle Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
174	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
175	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure route is maintained in operable working condition.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
176	Helen R. Donaghue School	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure route is maintained in operable working condition.	1	-	\$0
177	Adams Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
178	Locust Street at Paul C. Rogers Funeral Home	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60"min by 60" min at intervals of 200 feet max. are provided.	1	-	\$0
179	Locust Street House 24	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
180	School Street Opposite Town Hall	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure route is maintained in operable working condition.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
181	Intersection School Street and Central Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
182	School Street House 49	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
183	School Street House 49	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
184	East Main Street Bank of America ATM	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure route is maintained in operable working condition.	1	-	\$0
185	East Main Street Bank of America ATM	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
186	Broad Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
187	Broad Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
188	Intersection Broad Street and Lancaster Court	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
189	Broad Street Sloban Auto	Ext.		Walking Surface	Walkway		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
190	Forest Street House 3	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
191	Forest Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition		Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
192	Locust Street House 30	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
193	Locust Street House 30	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
194	Union Street Ext. House 8	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
195	Union Street Ext.	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
196	West Main Street Public Library	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure route is maintained in operable working condition.	1	-	\$0
197	Broad Street Opposite BeWell	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition	-	Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60" min. by 60" min. at intervals of 200 feet max. are provided.	1	-	\$0
198	Broad Street	Ext.		Walking Surface	Sidewalk		Route not maintained in operable working condition Does not prevent accumulation of water	- -	Repair surface. Ensure an accessible route of 4' min. (recommend 5' min.) width is provided. If the accessible route is less than 5' wide, ensure passing spaces of 60"min by 60" min at intervals of 200 feet max. are provided.	1	-	\$0
Curb Ramps and Blended Transitions												
Curb Ramp												
199	Willowdale Drive	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
200	Willowdale Drive House 27	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
201	Nichols Street House 24	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
202	Intersection Church Street and Winter Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
203	Winter Street Opposite House 30	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
204	Winter Street House 25	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
205	Winter Street House 25	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
206	Intersection Winter Street and Prospect Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
207	Intersection Winter Street and Prospect Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
208	Intersection Winter Street and Lincoln Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
209	Intersection Winter Street and Lincoln Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
210	Intersection Woodland Street and Vendome Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
211	Intersection Woodland Street and Vendome Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
212	Intersection Winter Street and Grove Street House 13	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
213	Intersection Winter Street and Grove Street House 15	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
214	Intersection Winter Street and Grove Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
215	Intersection Sawyer Street and Abbott Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0





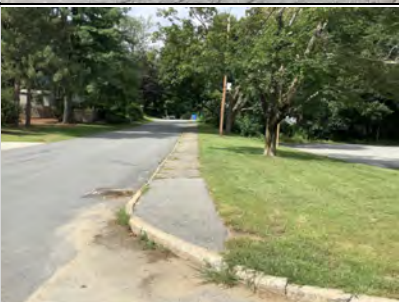
Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
216	Intersection Sawyer Street and Maple Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
217	Intersection Pine Street and Summer Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
218	Intersection Summer Street and Prospect Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
219	Intersection Prospect Street and Summer Street Opposite House 20	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
220	Summer Street House 20	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
221	Intersection Lincoln Street and Summer Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
222	Intersection Lincoln Street and Summer Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
223	Intersection Summer Street Vendome Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
224	Intersection Summer Street Vendome Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
225	Intersection Summer Street and Grove Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
226	Intersection Grove Street and Orchard Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
227	Intersection Summer Street and Grove Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
228	Intersection Mechanic Street and Liberty Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
229	Intersection Mechanic Street and Liberty Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
230	Helen R. Donaghue School Union Street Ext.	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0


Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
231	Helen R. Donaghue School	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
232	Intersection Locust Street and Adams Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
233	Intersection Locust Street and Green Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
234	Intersection Locust Street and Green Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
235	Intersection Locust Street and Pleasant Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
236	Intersection Locust Street and Pleasant Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
237	Intersection School Street and Green Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
238	Intersection School Street and Green Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
239	Intersection School Street and Pleasant Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
240	Intersection School Street and Middle Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
241	School Street House 3	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
242	Intersection Forest Street and Grove Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
243	Intersection Locust Street and Walnut Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
244	Intersection Locust Street and Walnut Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
245	Union Street Ext.	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
246	Intersection Union Street Ext. and Adams Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
247	Intersection Union Street Ext. and Adams Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
248	Broad Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
249	Broad Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
250	Broad Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
251	Broad Street	Ext.		Curb Ramp	N/A		Curb ramp not provided	-	Provide a curb ramp at intersection.	1	-	\$0
Diagonal Curb Ramp												
252	Intersection Church Street and Mechanic Street	Ext.		Diagonal Curb Ramp	N/A		Width of curb ramp < 36" Transition from curb ramp to street not flush	-	Ensure that a clear width of 36" min. is maintained at the curb ramp. Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
253	Intersection School Street and Lancaster Court	Ext.		Diagonal Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
254	Roundabout School Street	Ext.		Diagonal Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
255	Intersection Church Street and Grove Street	Ext.		Diagonal Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
256	Union Street	Ext.		Diagonal Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
257	Intersection East Main Street and Broad Street	Ext.		Diagonal Curb Ramp	N/A		Transition from curb ramp to street not flush Running slope > 1:12 (8.33%) Curb ramp flares > 1:12 (8.33%) (if no landing or < 48") Detectable warnings not provided	- 11.2% 18% -	Ensure transition from curb ramp to street is flush or free of changes in level. Reduce running slope to be no steeper than 1:12 (8.33%). Reduce slope at curb ramp flares to be no steeper than 1:12 (8.33%). Provide detectable warnings on the curb ramp.	1	-	\$0
258	Roundabout Real Estate	Ext.		Diagonal Curb Ramp	N/A		Landing > 1:50 (2.00%)	6%	Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
Perpendicular Curb Ramp												
259	Intersection Church Street and Nichols Street	Ext.		Perpendicular Curb Ramp	N/A		Running slope > 1:12 (8.33%) Landing > 1:50 (2.00%)	13.2% 10.6%	Reduce slope to be no steeper than 1:50 (2.00%). Reduce running slope to be no steeper than 1:12 (8.33%).	1	-	\$0
260	Intersection Church Street and Pine Street	Ext.		Perpendicular Curb Ramp	N/A		Cross slope > 1:50 (2.00%)	4.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
261	Intersection Pine Street and Church Street	Ext.		Perpendicular Curb Ramp	N/A		Cross slope > 1:50 (2.00%)	5%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
262	Intersection Locust Street and Union Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
263	Intersection Locust Street and Union Street (School Side)	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
264	Roundabout School Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
265	Roundabout Church Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0





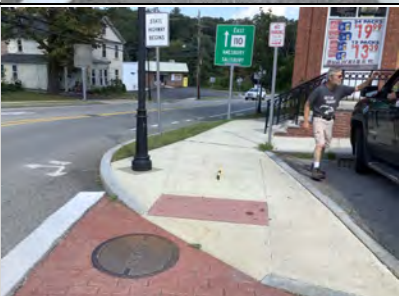
Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
266	Roundabout West Main Street by Convenience Store	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
267	Intersection West Main Street and Forest Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
268	West Main Street Public Library Bus Stop	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
269	West Main Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush Curb ramp flares > 1:10 (10%) Landing > 1:50 (2.00%)	- 11.5% 4.4%	Reduce slope to be no steeper than 1:50 (2.00%). Ensure transition from curb ramp to street is flush or free of changes in level. Reduce slope at curb ramp flares to be no steeper than 1:10 (10%). Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
270	Roundabout East Main Street	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush Landing > 1:50 (2.00%)	7.4%	Reduce slope to be no steeper than 1:50 (2.00%). Ensure transition from curb ramp to street is flush or free of changes in level. Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0



Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
271	Church Street West Parish	Ext.		Perpendicular Curb Ramp	N/A		Transition from curb ramp to street not flush Does not prevent accumulation of water Detectable warnings not aligned with crosswalk	- - -	Ensure transition from curb ramp to street is flush or free of changes in level. Repair curb ramp to prevent accumulation of water. Provide detectable warning at edge of sidewalk to align with crosswalk.	1	-	\$0
272	Intersection Church Street and Grove Street	Ext.		Perpendicular Curb Ramp	N/A		Landing > 1:50 (2.00%)	- 8.4%	Reduce slope to be no steeper than 1:50 (2.00%). Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
Parallel Curb Ramp												
273	Intersection Church Street and Maple Street	Ext.		Parallel Curb Ramp	N/A		Running slope > 1:12 (8.33%)	13.5%	Reduce running slope to be no steeper than 1:12 (8.33%).	1	-	\$0
274	Intersection Nichols Street and Church Street	Ext.		Parallel Curb Ramp	N/A		Running slope > 1:12 (8.33%)	9.3%	Reduce running slope to be no steeper than 1:12 (8.33%). Reduce running slope to be no steeper than 1:12 (8.33%).	1	-	\$0
275	Intersection Church Street and Maple Street	Ext.		Parallel Curb Ramp	N/A		Running slope > 1:12 (8.33%) Transition from curb ramp to street not flush	15% -	Reduce running slope to be no steeper than 1:12 (8.33%). Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0






Town of Merrimac
Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
276	Intersection Sawyer Street and Abbott Street	Ext.		Parallel Curb Ramp	N/A		Route < 36" wide Landing > 1:50 (2.00%)	34" 6.9%	Ensure that a clear width of 36" min. is maintained at the accessible route. Reduce slope to be no steeper than 1:50 (2.00%).	1		\$0
277	School Street Town Hall	Ext.		Parallel Curb Ramp	N/A		Landing > 1:50 (2.00%)	5.7%	Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
278	Intersection Liberty Street and East Main Street	Ext.		Parallel Curb Ramp	N/A		Landing > 1:50 (2.00%)	12.4%	Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
279	Union Street	Ext.		Parallel Curb Ramp	N/A		Landing > 1:50 (2.00%)	6.3%	Reduce slope to be no steeper than 1:50 (2.00%).	1	-	\$0
280	Roundabout East Main Street	Ext.		Parallel Curb Ramp	N/A		Landing > 1:50 (2.00%) Transition from curb ramp to street not flush	7.7% -	Reduce slope to be no steeper than 1:50 (2.00%). Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0

Town of Merrimac
Sidewalks and Walkways





ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
281	Intersection West Main Street and Forest Street	Ext.		Parallel Curb Ramp	N/A		Cross slope > 1:50 (2.00%)	7.8%	Reduce cross slope to be no steeper than 1:50 (2.00%).	1	-	\$0
282	Intersection Church Street and Mechanic Street	Ext.		Parallel Curb Ramp	N/A		Does not prevent accumulation of water	-	Repair curb ramp to prevent accumulation of water.	1	-	\$0
283	Intersection Church Street and Pine Street	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
284	Intersection Maple Street and Church Street	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
285	Intersection Maple Street and Church Street	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0

Town of Merrimac
Sidewalks and Walkways



ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
286	Intersection Pine Street and Church Street	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
287	School Street Rhythm Café	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
288	School Street Town Hall	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
289	East Main Street Cozy Cleaners	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0
290	Intersection West Main Street and Forest Street	Ext.		Parallel Curb Ramp	N/A		Transition from curb ramp to street not flush	-	Ensure transition from curb ramp to street is flush or free of changes in level.	1	-	\$0

Town of Merrimac

Sidewalks and Walkways

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Island												
291	Roundabout Church Street	Ext.		Island	N/A		Transition from island to street not flush	-	Ensure transition from island to street is flush or free of changes in level.	1	-	\$0
Detectable Warnings												
292	Church Street West Parish	Ext.		Detectable Warnings	Perpendicular		Detectable warnings not aligned with crosswalk	-	Provide detectable warning at edge of sidewalk to align with crosswalk.	1	-	\$0
On-Street Parking												
Parking Space												
293	Roundabout Church Street	Ext.		Parking Space	Marked		Cross slope at space > 1:50 (2.00%) Sign > 96" above finished grade	3.4% 120"	Reduce running or cross slope to be no steeper than 1:50 (2.00%) in all directions. Provide a sign with the top of the sign 96" max. above the ground.	1	-	\$0
Street Furniture												
Benches & Seating												
294	Roundabout 10 Merrimac Square	Ext.		Benches & Seating	N/A		Clear floor space adjacent to the bench not provided	-	Ensure that at least 50% of benches at each location have a 30" min. by 48" min. clear floor space adjacent to the bench.	1	-	\$0

Town of Merrimac
Sidewalks and Walkways

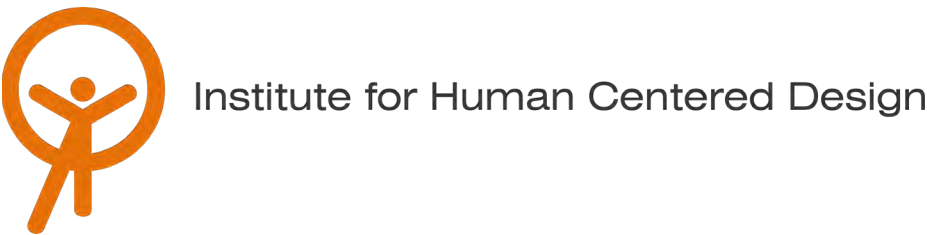
ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
295	Roundabout at Real Estate Office	Ext.		Benches & Seating	N/A		Clear floor space adjacent to the bench not provided	-	Ensure that at least 50% of benches at each location have a 30" min. by 48" min. clear floor space adjacent to the bench.	1	-	\$0
Best Practice												
296	Intersection Lincoln Street and Summer Street	Ext.			N/A			-	Recommend a painted warning on sidewalk indicating significant drop at drain.	1	-	\$0

Playground on Locust Street



Town of Merrimac ADA Transition Plan

September 2021



200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/ tty

Background

The playground on Locust Street is located northwest of the Donahue School with Stevens playing field to the south. Amenities at the playground include parking, a trash container, benches and a play area that includes two (2) slides and two (2) swing sets. One (1) swing set is in the primary play area and includes a swing with a supportive back. A second swing set is located about sixty feet west of the primary play area.

Merrimac has met its program accessibility requirement by having an accessible route to and around the primary play area and an accessible impact attenuating poured-in-place rubber surface that goes to and around each type of play component. The poured-in-place rubber is slightly more than 60” wide, and it connects to the stone dust accessible route around the playground. The remainder of the primary play area’s ground surface is covered with Engineered Wood Fiber (EWF).

Key Accessibility Issues

Parking

Accessibility issues include an excessive cross slope at the access aisle and lack of the words “Van Accessible” on the sign at the van accessible parking space.

Additional Accessibility Issues

- A trash container is not located on an accessible route.
- A transfer system in the playground is lower than the minimum height required.

Order of Magnitude Cost Estimates

- Renovate accessible parking: \$1,940

Total: \$1,940

Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.




- Recommend providing at least one (1) bench with arms.
- Recommend providing an accessible route to the swing set that is located to the west of the primary play area as shown in Figure 1 below.
- Recommend providing an accessible impact attenuating surface (poured-in-place rubber) at additional locations under and around the play structure in the primary play area that includes the slides, under and around all of the swings in the primary play area, and under and around the swing set located to the west of the primary play area as shown in Figure 1 below.

Figure 1: The yellow line indicates the approximate recommended location for an accessible route between the primary play area and the second swing set located to the west. The blue lines show the approximate recommended location where additional poured-in-place rubber would enhance the accessibility and usability of the playground for all users.







- IHCD strongly recommends exploring the possibility of an alternative surface to engineered wood fiber (EWF). Over time, EWF requires continuous maintenance to ensure the surface is maintained in operable working condition (stable, firm and slip-resistant). In addition, when used in combination with other surfaces required for accessible routes to play components in Massachusetts, it will present a challenge to prevent level changes at the transition points between EWF and other surfaces, and to keep the accessible routes clear of EWF.


Town of Merrimac
Playground on Locust Street

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
alue List Missing>												
Slides												
1	Slide Play Component	Ext.		Slides	N/A				Recommend extending the accessible and impact attenuating surface (poured-in-place rubber) under and around the slide play structure as shown in Figure 1 in the report narrative.	1	-	\$0
Approach and Entrance												
Off-Street Parking Lot or Garage												
2	Accessible Parking	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Running or cross slope at access aisle > 1:50 (2.00%) Sign does not have the designation "Van Accessible"	2 1 1 4.2% -	Reduce running or cross slope to be no steeper than 1:50 (2.00%) in all directions. Add the designation "Van Accessible" to the sign located at the van accessible space. (Cost based on 8'x18' of asphalt to correct cross slope at access aisle and for a "Van Accessible" sign.)	1	1940	\$1940
Access to Goods and Services												
Trash / Recycling												
3	Path Near Stevens Field	Ext.		Trash / Recycling	N/A		Trash container not connected to an accessible route	-	Ensure trash container is located on an accessible route. (Relocate trash container.)	1	Labor	\$0
Play and Sport Areas												

Town of Merrimac
Playground on Locust Street

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Play Areas												
4	Transfer to Slide Play Component	Ext.		Play Areas	N/A		No compliant transfer system	9"	Adjust transfer system so it is between 11" and 18" above the ground.	1	Labor	\$0
Best Practice												
Bench												
5	Accessible Route Around the Playground	Ext.		Bench	N/A				Recommend providing at least one bench with arms.	1	-	\$0
Swing Set												
6	Swing Set in Primary Playground Area	Ext.		Swing Set	N/A				Recommend extending the accessible and impact attenuating surface (poured-in-place rubber) under and around all of the swings at the swing set as shown in Figure 1 in the report narrative.	1	-	\$0
7	Swing Set - West Side	Ext.		Swing Set	N/A				Recommend providing an accessible and impact attenuating surface (poured-in-place rubber) under and around the swing set as shown in Figure 1 in the report narrative.	1	-	\$0

Town of Merrimac
Playground on Locust Street

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
8	Swing Set - West Side	Ext.		Swing Set	N/A				Recommend providing an accessible route from the primary play area to the second set of swings as shown in Figure 1 in the report narrative.	1	-	\$0

Senior Center



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

200 Portland Street, Boston, MA 02114
www.IHCDesign.org • info@IHCDesign.org
617-695-1225 voice/tty

Background

Year Renovated: 2001

The Senior Center is located at 100 East Main Street. It is a two-story building with a parking lot and the main entrance on the north side. There are also two (2) egresses on the west side and an accessible egress on the south side of the building. Two (2) staircases and an elevator provide vertical access.

The first floor has a reception area, a nurse’s office, the executive director’s office, multi-user men’s and women’s toilet rooms, and a meeting hall with a piano, some exercise equipment and an area where seniors can have lunch. The second floor has multi-user men’s and women’s toilet rooms, a meeting room with a sink, a library with a sink, an activity room and the outreach office.

Note: IHCD team was told that the Senior Center has an assistive listening system.

Key Accessibility Issues

Exterior Access Routes

Accessibility issues include excessive openings in the walkway and lack of an accessible route to the bocce ball court and to a picnic table and bench.

Parking

Accessibility issues include chairs, tables and other items placed in the accessible parking spaces, lack of an identification sign with the International Symbol of Accessibility (ISA) at three (3) accessible parking spaces and lack of an identification sign with the designation “Van Accessible” at the van accessible parking space.

Signs

Accessibility issues include lack of a sign with the International Symbol of Accessibility (ISA) at the accessible main entry door

lack of tactile egress signs, lack of an egress sign indicating the closest accessible egress, and designation signs that lack raised characters and braille or are not mounted on the latch side of the door.

Sinks

Accessibility issues include lack of knee and toe clearance at the sinks in the meeting room and library.

Toilet Rooms

Accessibility issues with all four (4) multi-user toilet rooms include lack of the required 60” min. clear floor space at the toilet in the accessible compartment due to stored objects (chairs), toilet cover dispensers mounted above the grab bar, accessible compartment door hardware that cannot be operated without tight grasping, pinching or twisting of the wrist, and lack of an operational self-closing hinge at the accessible compartment door. In addition, the urinal in the men’s toilet room on the second floor is mounted higher than allowed.

Additional Accessibility Issues

- Reception counter is higher than the maximum height allowed.
- Lack of dining and work surfaces with the minimum required knee and toe clearance.
- Lack of an accessible picnic table.
- Coat rods that protrude into the accessible route.
- Coat rods mounted higher than the maximum height allowed.
- Lack of maneuvering clearance at doors due to the location of stored objects.
- Doors that require excessive opening force.
- Door threshold that is higher than the maximum height allowed.
- Lack of a sign with the International Symbol of Access for Hearing Loss to inform visitors of the availability of an assistive listening system.
- Interior access routes that are narrower than the minimum width required (at bookshelves in the library).

Senior Center

- Lack of the minimum required clear floor space at exercise equipment.

Order of Magnitude Cost Estimates

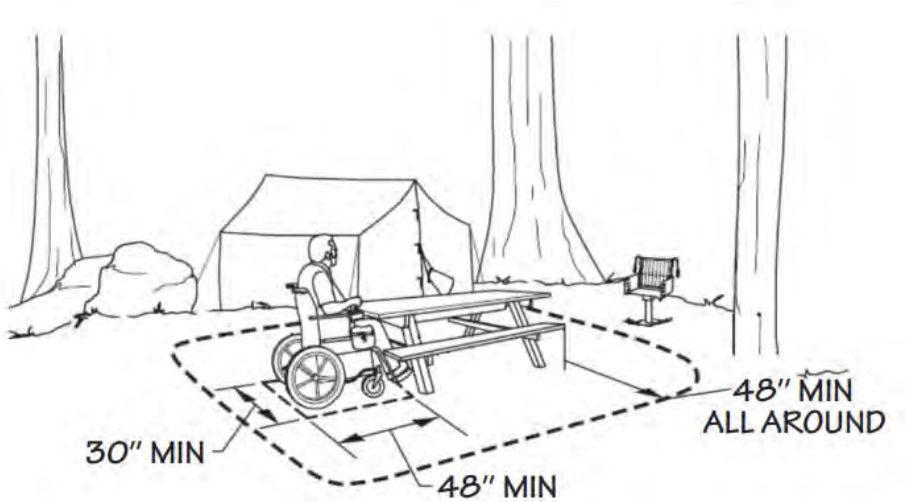
- Renovate and provide exterior accessible routes: \$1,456
- Renovate parking: \$1,500
- Renovate toilet rooms: \$4,940
- Renovate and provide signage: \$2,666
- Miscellaneous corrective actions (accessible picnic table, dining and work surfaces, service counter, knee and toe clearance at sink, etc.): \$7,440

Total: \$18,002





Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.


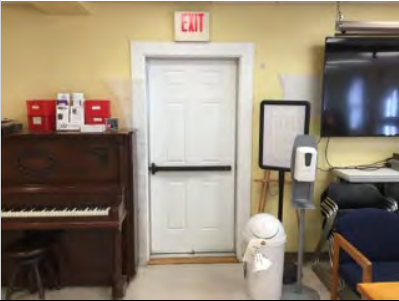


- Recommend providing an adjustable height podium with knee and toe clearance in the meeting room.
- Recommend adding contrasting color strips at the edge of all interior stairs.
- Recommend providing designation signs with raised characters and braille mounted on the latch side of the door at permanent rooms that lack signs.
- Recommend providing a 48” wide min. stable and firm surface such as stone dust under and around at least one accessible picnic table in each distinct picnic area.








Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	At Sidewalk Facing East Main Street	Ext.		Exterior Access Route	Walkway		Surface openings > 1/2"	1"	Repair surface at walkway transition to sidewalk. (Cost based on an concrete patch.)	1	256	\$256
2	Parking to Bocce Ball	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided between the parking and the bocce ball court. (Cost base on a 48" wide min. x 15' long asphalt route.)	1	600	\$600
3	Picnic Table and Bench Near Booce	Ext.		Exterior Access Route	Exterior		Accessible route not provided	-	Ensure an accessible route is provided to the accessible picnic table one it is provided and to the bench. (Cost base on a 48" wide min. x 15' long asphalt route.)	1	600	\$600
Off-Street Parking Lot or Garage												
4	Accessible Parking Near Main Entrance	Ext.		Off-Street Parking Lot or Garage	N/A		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not compliant Sign not provided Sign does not have the designation "Van Accessible"	50 2 1 - - =	Remove items that are blocking the accessible parking spaces. Provide a sign with the International Symbol of Accessibility (ISA) at each space with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground. Add the designation "Van Accessible" to the sign located at the van accessible space.	3	500	\$1500






Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Entrance												
5	Main Entrance to the Senior Center	Ext.		Entrance	Main Entrance		International Symbol of Accessibility not provided	-	Provide a sign with the International Symbol of Accessibility (ISA).	1	346	\$346
Emergency Exit												
6	Emergency Egress	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit. When tactile sign is provided, provide clear floor space at sign on latch side.	1	232	\$232
7	Emergency Egress	1		Emergency Exit	N/A		Tactile sign not provided at exit Directional sign to accessible emergency exit not provided	- -	Provide tactile exit signs with raised characters and braille at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. Provide a directional sign indicating the location of the nearest accessible emergency exit.	1	232	\$232
8	Emergency Egress	1		Emergency Exit	N/A		Tactile sign not provided at exit Illuminated Int. Symbol of Acc. not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Access to Goods and Services												



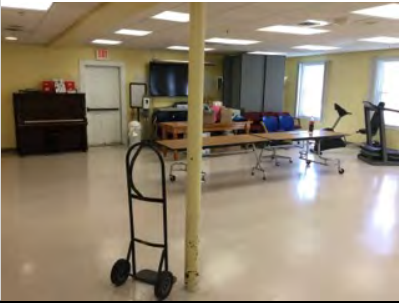


Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Means of Egress												
9	Main Entrance and Egress at Parking Lot	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
10	Meeting Hall Accessible Egress	1		Means of Egress	N/A		Tactile exit sign not provided Illuminated ISA symbol not provided (MAAB)	- -	Ensure tactile exit signs with raised characters and braille are provided at exit doors. Mount signs between 48"- 60" above the finished floor located on the latch side of the door. If the exit sign is replaced with an illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	232	\$232
Interior Access Route												
11	Library Shelves	2		Interior Access Route	N/A		Route < 36" wide	24"	Ensure that a clear width of 36" min. is maintained at the accessible route between the bookshelves.	1	Labor	\$0
12	Coat Rod at Meeting Hall and Meeting Room	1 and 2		Interior Access Route	N/A		Obstructed by protruding objects	64"	Provide a cane-detectable barrier 27" max. above the finished floor below the protruding end of the coat rod.	2	306	\$612
Doors, Doorways, & Gates												
13	Men's Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	15"	Relocate trash receptacle to provide 18" min. pull-side maneuvering clearance at the door.	1	Labor	\$0

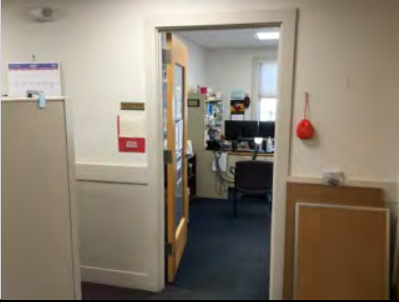




**Town of Merrimac
Senior Center**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
14	Women's Toilet Room	1		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	-	Remove trash can to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
15	Door to Meeting Hall	1		Doors, Doorways, & Gates	Circulation		Maneuvering clearance(s) not provided	-	Remove podium to provide 18" min. pull-side maneuvering clearance at door.	1	Labor	\$0
16	Coat Rod at Meeting Room	2		Doors, Doorways, & Gates	Circulation		Maneuvering clearance(s) not provided	-	Relocate stored items to provide 18" min. pull-side maneuvering clearance at the door.	1	Labor	\$0
17	Meeting Hall Accessible Egress	1		Doors, Doorways, & Gates	Emergency Egress		Mat not securely attached	-	Secure the mat.	1	Labor	\$0
18	Meeting Hall Egress	Ext.		Doors, Doorways, & Gates	Emergency Egress		Threshold > 1/2" high	1.5"	Alter the threshold to be 1/2" high max.	1	150	\$150



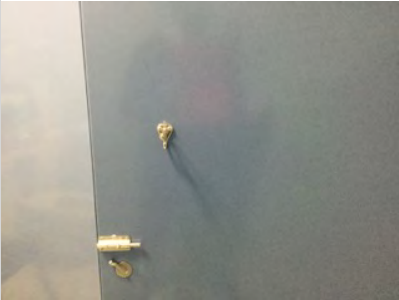


**Town of Merrimac
Senior Center**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
19	Egress to Stairwell 1	2		Doors, Doorways, & Gates	Emergency Egress		Door requires > 5 lbs. of force to open	16 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
20	Meeting Hall	1		Doors, Doorways, & Gates	Circulation		Clear floor space at opener not provided	-	Relocate piano to provide 30" wide min. x 48" deep min. clear floor space at latch side of door.	1	Labor	\$0
Signage												
21	Meeting Hall	Ext.		Signage	Informational		Signage is not provided		Provide a sign with the International Symbol of Access for Hearing Loss to inform visitors of the availability of an assistive listening system.	1	232	\$232
22	Outreach Office	2		Signage	Designation		Raised characters not provided on sign Braille not provided on sign	- -	Provide text with raised characters duplicated in braille on sign.	1	232	\$232
23	Nurse's Office	1		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232


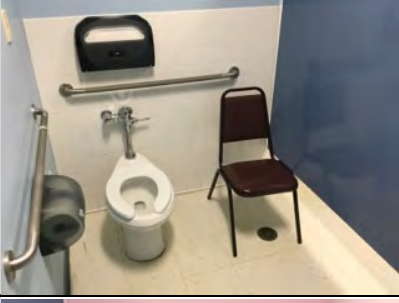
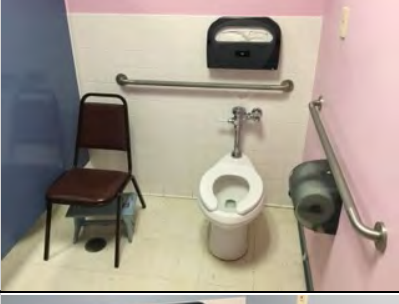
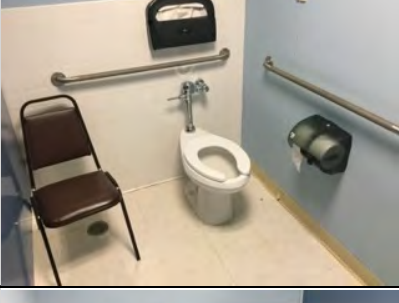

Town of Merrimac Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
24	Executive Director's Office	1		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side. Be sure there is clear floor space at the sign once it is relocated to the latch side.	1	232	\$232
25	Activity Room	2		Signage	Designation		Raised characters not provided on sign Braille not provided on sign Sign not located on the latch side of the door	- - -	Provide text with raised characters duplicated in braille on sign. Locate sign at permanent rooms alongside the door on the latch side.	1	232	\$232
Service Counter												
26	Reception Area	1		Service Counter	N/A		Counter > 36" high	43.5"	Provide a counter that is 36" max. above the ground or finished floor.	1	880	\$880
Operable Parts												
27	Coat Rod in Meeting Hall and in Meeting Room	1 and 2		Operable Parts	Clothes Rod/Hooks		Reach < 15" or > 48"(forward/side approach)	69"	Provide a portion of the coat rod or a coat hook between 15"- 48" above the finished floor.	2	256	\$512
Dining or Work Surfaces												
28	Tables in Meeting Hall	1		Dining or Work Surfaces	Dining Surface		Knee or toe clearance not provided	25.75"	Provide at least 1 dining or work surface with 27" min. knee and toe clearance.	1	1100	\$1100




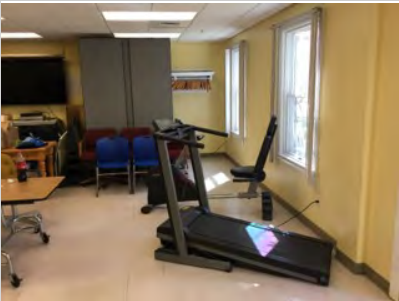
Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
29	Conference Table in Library	2		Dining or Work Surfaces	Work Surface		Knee or toe clearance not provided	24"	Provide at least 1 work surface with 27" min. knee and toe clearance.	1	1100	\$1100
Picnic Tables												
30	Picnic Table Near Booce	Ext.		Picnic Tables	N/A		At least 5% accessible spaces not provided	-	Ensure that at least 5% (minimum one) of dining surfaces are accessible.	1	1400	\$1400
Toilet & Bathing Rooms												
Toilet Compartment												
31	Men's Toilet Room Accessible Compartment	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge.	1	70	\$70
32	Women's Toilet Room Accessible Compartment	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	= -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge.	1	70	\$70
33	Women's Toilet Room	2		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge.	1	70	\$70




**Town of Merrimac
Senior Center**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
34	Men's Toilet Room	2		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge	- -	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge.	1	70	\$70
35	Men's Toilet Room Accessible Compartment	1		Toilet Compartment	Accessible Compartment		Non-compliant toilet cover dispenser Clearance at toilet < 60" clear width	- -	Relocate toilet cover dispenser so the operable parts are no higher than 42" on the side of the toilet. Provide a wheelchair accessible compartment that is 60" wide min. (Remove chair.)	1	353	\$353
36	Women's Toilet Room Accessible Compartment	1		Toilet Compartment	Accessible Compartment		Non-compliant toilet cover dispenser Clearance at toilet < 60" clear width	- -	Relocate toilet cover dispenser so the operable parts are no higher than 42" on the side of the toilet. Provide a wheelchair accessible compartment that is 60" wide min. (Remove chair.)	1	353	\$353
37	Women's Toilet Room	2		Toilet Compartment	Accessible Compartment		Non-compliant toilet cover dispenser Clearance at toilet < 60" clear width	- -	Relocate toilet cover dispenser so the operable parts are no higher than 42" on the side of the toilet. Provide a wheelchair accessible compartment that is 60" wide min. (Remove chair.)	1	353	\$353
38	Men's Toilet Room	2		Toilet Compartment	Accessible Compartment		Non-compliant toilet cover dispenser Clearance at toilet < 60" clear width	- -	Relocate toilet cover dispenser so the operable parts are no higher than 42" on the side of the toilet. Provide a wheelchair accessible compartment that is 60" wide min. (Remove chair.)	1	353	\$353

Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Urinal												
39	Men's Toilet Room	2		Urinal	N/A		Rim > 17" high	18.5"	Provide at least one urinal with the rim no higher than 17" above the finished floor.	1	3248	\$3248
Additional Access												
Sink												
40	Sink in Meeting Room	2		Sink	Other		Toe and knee clearances not provided	-	Ensure there is a 27" knee clearance positioned for a forward approach.	1	1686	\$1686
41	Sink in Library	2		Sink	Other		Toe and knee clearances not provided	-	Ensure there is a 27" knee clearance positioned for a forward approach. (Relocate stored items under sink.)	1	Labor	\$0
Play and Sport Areas												
Exercise Machines												
42	Exercise Machines in Meeting Room	1		Exercise Machines	N/A		Clear floor space not provided	-	Ensure that one of each type of equipment has a 30" by 48" clear floor space positioned for transfer or for use by an individual seated in a wheelchair. Clear floor space required at exercise machines and equipment shall be permitted to overlap.	1	Labor	\$0
Best Practice												

Town of Merrimac
Senior Center

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Accessible Parking												
43	Parking Near Bocce	Ext.		Accessible Parking	N/A				The parking lot has the required number of accessible spaces, these spaces do not need to comply. Since they have the ISA painted in them, however, recommend re-striping to add compliant 60" wide min. access aisles for the full length of the spaces and including signs with the International Symbol of Accessibility (ISA) mounted 60" min. above the ground measured to the bottom of the sign.	1		\$0
Egress												
44	Emergency Egress	Ext.		Egress	N/A				Recommend connecting all egress doors to an accessible route.	1	-	\$0
Podium												
45	By Egress From Meeting Room	1		Podium	N/A				Recommend providing an adjustable height podium with knee and toe clearance.	1		\$0

Steven’s Field



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

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Background

Steven’s Field is located northwest of the Donaghue School with the Playground on Locust Street at its north border. Amenities include a baseball and a softball field that are used by members of the public and, on occasion, by students at the Donaghue School. Additional amenities include player seating benches at both ballfields, a set of bleachers by Union Street on the first base side of the softball field, men’s and women’s single-user toilet rooms, a concession stand, picnic tables, and a clothing drop-off receptacle.

Key Accessibility Issues

Exterior Accessible Routes

Accessibility issues with a walkway that encircles the park include excessive running and cross slopes and surfaces that are not maintained in operable working condition. There is also lack of an accessible route to the boundary of sport activity and to the team seating areas at both the baseball and softball fields, and lack of an accessible route to a set of bleachers by the softball field. (See Figure 1 at the end of this document.)

Toilet Rooms

Accessibility issues at the entry doors to both toilet rooms include landings that are smaller than the minimum size required and thresholds that are higher than the maximum height allowed. Both entry doors also have designation signs that lack raised characters and braille and the International Symbol of Accessibility (ISA), and both signs are not mounted on the latch side of the door. Additional accessibility issues include exposed plumbing under the lavatories in both toilet rooms, and the lavatory in the women’s toilet room lacks the minimum required knee and toe clearance. The toilet in both toilet rooms lack grab bars and have a centerline at the toilet that is a greater distance from the side wall than allowed. The toilet in the women’s toilet room also has a seat that is higher than the maximum height allowed and a flush control that is not on the open or transfer side.

Additional Accessibility Issues

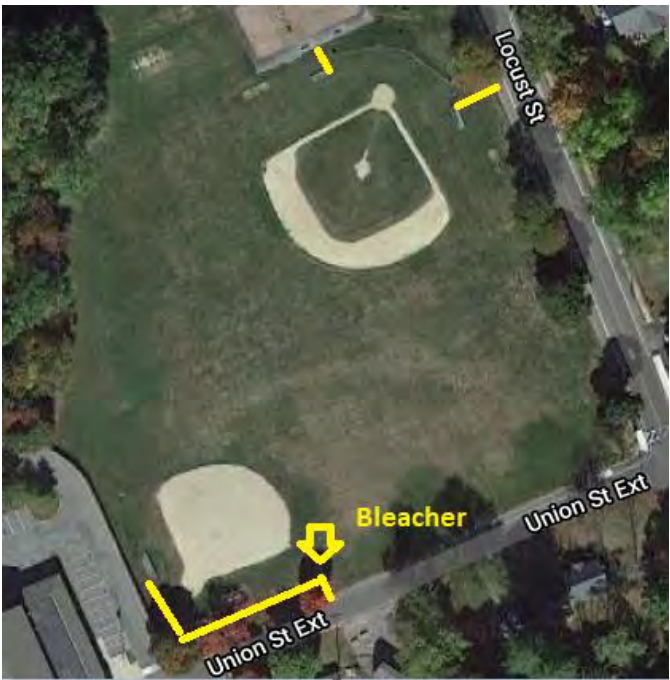
- Lack of a stable, firm and slip resistant clear floor space at the bleachers and at all team seating benches.
- A counter by the concession stand protrudes into the circulation path and is higher than the maximum height allowed.
- Lack of an accessible picnic table near the concession stand.

Order of Magnitude Cost Estimates






- Renovate exterior accessible routes on the walkway around Steven’s Field: \$3,280
- Provide an accessible route to the boundary of the areas of sport activity and to the spectator and team seating: \$11,840
- Renovate toilet rooms: \$11,460
- Miscellaneous corrective actions (picnic table, service counter, etc.): \$2,586

Total: \$29,166






Figure 1: The yellow lines indicates the approximate recommended location for an accessible route to the boundary of sport activity and to spectator and player seating at Steven’s Field.



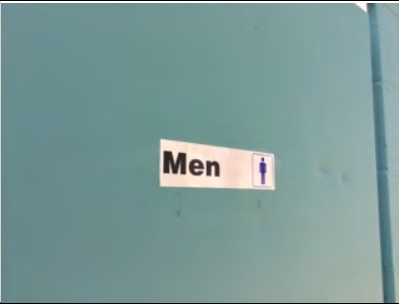



**Town of Merrimac
Steven's Field**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Path to Toilet Rooms	Ext.		Exterior Access Route	Exterior		Exterior route < 48" wide Route not maintained in operable working condition	42" -	Ensure that a clear width of 48" min. is maintained at the accessible route to the toilet room entrance. Ensure the accessible route is maintained in operable working condition. (Reposition metal barriers to provide accessible route an maneuvering clearance at both doors. Cost for asphalt to provide an accessible route.)	1	400	\$400
2	Counter Next to Concession Stand Window	Ext.		Exterior Access Route	Exterior		Route obstructed by protruding objects	8"	Provide a cane-detectable barrier 27" max. above the ground at the service counter.	1	306	\$306
3	Locust Street Sidewalk to Locust Street Playground from Union Street. Ext.	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%)	5.6%	Reduce cross slope to be no steeper than 1:50 (2.00%). (Cost based on asphalt to reduce cross slope.)	1	240	\$240
4	Locust Street Sidewalk to Locust Street Playground from Union Street. Ext.	Ext.		Exterior Access Route	Walkway		Cross slope > 1:50 (2.00%) Route not maintained in operable working condition	4.1% -	Reduce cross slope to be no steeper than 1:50 (2.00%). Ensure the accessible route is maintained in operable working condition. (Cost based on asphalt to reduce cross slope and repair surface.)	1	720	\$720
5	Locust Street Sidewalk to Locust Street Playground from Union Street. Ext.	Ext.		Exterior Access Route	Walkway		Running slope > 1:20 (5%)	8.7%	Reduce running slope to be no steeper than 1:20 (5%). (Cost based on asphalt to reduce running slope.)	1	240	\$240



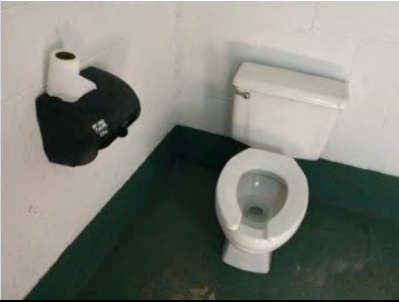

Town of Merrimac
Steven's Field

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
6	Locust Street Sidewalk to Locust Street Playground from Union Street. Ext.	Ext.		Exterior Access Route	Walkway		Route not maintained in operable working condition	-	Ensure the accessible route is maintained in operable working condition. (Cost based on asphalt to repair surface.)	1	720	\$720
7	Locust Street Sidewalk to Locust Street Playground from Union Street. Ext.	Ext.		Exterior Access Route	Walkway		Route not maintained in operable working condition	-	Ensure the accessible route is maintained in operable working condition. (Cost based on asphalt to repair surface.)	1	960	\$960
Access to Goods and Services												
Doors, Doorways, & Gates												
8	Entry to Men's and Women's Toilet Rooms	Ext.		Doors, Doorways, & Gates	Toilet Room		Maneuvering clearance(s) not provided	45.5"	Provide clear floor space at door (door landing) that is at least 5' deep, has a slope no greater than 2.00% in all directions (1:50) and that provides at least 18" pull-side maneuvering clearance on the latch side of the door. (Cost based on 5'x10' of asphalt to provide the required maneuvering clearance at the door.)	2	500	\$1000
9	Men's and Women's Toilet Room Doors	Ext.		Doors, Doorways, & Gates	Toilet Room		Threshold > 3/4" high	3"	Alter the threshold to be 3/4" high max. beveled.	2	150	\$300
Signage												
10	Women's Toilet Room	1		Signage	Designation		Raised characters not provided Braille not provided Sign not located on the latch side of the door International Symbol of Acc. not provided	- - -	Provide text with raised characters duplicated in braille. Locate sign at permanent rooms alongside the door on the latch side. Once the toilet room is made accessible, provide a sign with the International Symbol of Accessibility (ISA).	1	232	\$232





Town of Merrimac
Steven's Field

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
11	Men's Toilet Room	1		Signage	Designation		Raised characters not provided Braille not provided Sign not located on the latch side of the door International Symbol of Acc. not provided	- - -	Provide text with raised characters duplicated in braille. Locate sign at permanent rooms alongside the door on the latch side. Once the toilet room is made accessible, provide a sign with the International Symbol of Accessibility (ISA).	1	232	\$232
Service Counter												
12	Counter Next to Concession Stand Window	Ext.		Service Counter	N/A		Counter > 36" high	38.25"	Provide a counter that is 36" max. above the ground.	1	880	\$880
Picnic Tables												
13	Picnic Tables Near Concession Stand	Ext.		Picnic Tables	N/A		Number of accessible seating spaces Toe or knee clearance at table not provided	- -	Provide at least one accessible picnic table in each area where picnic tables are provided.	1	1400	\$1400
Trash / Recycling												
14	Near Playground and Team Seating Area 2 at Baseball Field	Ext.		Trash / Recycling	N/A		Trash container not connected to an accessible route	-	Ensure trash container is located on an accessible route.	1	Labor	\$0
Toilet & Bathing Rooms												

Town of Merrimac
Steven's Field

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Lavatory												
15	Women's Toilet Room	1		Lavatory	N/A		Toe or knee clearances not provided Exposed plumbing underneath	25.75" -	Provide at least one lavatory with knee and toe clearance positioned for a forward approach. Insulate or otherwise configure pipes to prevent contact for at least one lavatory.	1	1778	\$1778
16	Men's Toilet Room	1		Lavatory	N/A		Exposed plumbing underneath	-	Insulate or otherwise configure pipes to prevent contact for at least one lavatory.	1	92	\$92
Single-User Toilet												
17	Women's Toilet Room	1		Single-User Toilet	N/A		Toilet seat < 17" or > 19" high Flush control not on open side Centerline < 16" or > 18" Grab bar not provided	15.5" - 24.5" -	Install a toilet with a seat between 17"- 19" high above the finished floor. Relocate the flush control to the open side. Relocate toilet so that the centerline is 16"- 18" from the side wall. Provide one grab bar 42" long on the side wall of the toilet and one on the rear wall. Ensure toilet paper dispenser is not mounted above the grab bar.	1	4100	\$4100
18	Men's Toilet Room	1		Single-User Toilet	N/A		Centerline < 16" or > 18" Grab bar not provided	24.5" -	Relocate toilet so that the centerline is 16"- 18" from the side wall. Provide one grab bar on the side wall of the toilet and one on the rear wall. Ensure toilet paper dispenser is not mounted above the grab bar.	1	3726	\$3726
Play and Sport Areas												

Town of Merrimac
Steven's Field

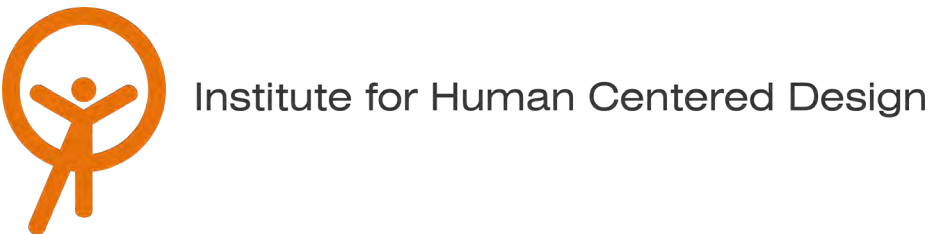
ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Field												
19	Team Seating 1 - Softball Field Near Donaghue School	Ext.		Field	Softball		Accessible spaces are not provided at team seating Not connected to an accessible-route	- -	Provide a 36" x 48" stable, firm and slip resistant clear floor space at both softball field team seating benches. Provide an accessible route to the field. (Cost for asphalt at the end of both softball field team seating benches included in ID #21. See Figure 1 in the narrative report for approximate location of asphalt.)	1	-	\$0
20	Team Seating 1 and 2 - Baseball Field Near Playground	Ext.		Field	Baseball		Accessible spaces are not provided at team seating Not connected to an accessible-route	- -	Provide a 36" x 48" stable, firm and slip resistant clear floor space at both baseball field team seating benches. Provide an accessible route to the boundary of sport activity at the baseball field. (Cost for an asphalt route to both baseball team seating areas and to the boundary of sport activity. See Figure 1 in the narrative report for approximate location of asphalt.)	1	2240	\$2240
21	Team Seating 2 - Softball Field Near Donaghue School	Ext.		Field	Softball		Accessible spaces are not provided at team seating No accessible route to all areas of sport activity	- -	Provide an accessible route to both team seating areas at the softball field and to the boundary of sport activity. (Cost based on a 4' wide min. x 240' asphalt route between the bleachers and the two softball field team seating areas with a 5% max. running and 2% max. cross slope. See Figure 1 in the narrative report for the approximate location of the accessible route.)	1	9600	\$9600
Bleachers												
22	Bleachers - Softball Field Near Donaghue School	Ext.		Bleachers	N/A		Total number of seats in the facility Min. # of designated wheelchair spaces not provided Seating spaces < 36" x 48" (single space) Seats not connected by accessible route	12 - - -	Provide a 36" by 48" clear floor space next to the first row of bleachers. Provide a stable, firm and slip resistant accessible route to the spectator seating area with a maximum running slope of 1:20 (5.00%) and a maximum cross slope of 1:50 (2.00%). (Cost for 4'x15' of asphalt from paved route behind bleachers to bleacher seating included in ID #21.)	1	-	\$0

Town Forest Soccer Fields



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design
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Background

Town Forest Soccer Fields are on Town Forest Road which can be accessed from Winter Street. Amenities include an unmarked parking area, a portable toilet, a wayside sign, a bench and a soccer field that may have room for two (2) matches at once depending on the layout of the pitch. The field also abuts an inaccessible trail to a hunting area that the IHCD team followed until seeing a sign denoting private property.

Key Accessibility Issues

Exterior Accessible Route

Accessibility issues include lack of an accessible route with a stable, firm and slip resistant surface starting in the parking area and connecting all park amenities including a bench and the boundary of the area of sport activity at the soccer field and at the start of the path to the hunting grounds.

Parking

Accessibility issues include lack of a marked access aisle and lack of a sign with the designation “Van Accessible” at the van accessible parking space. Also, the signs with the International Symbol of Accessibility (ISA) are mounted lower than allowed.

Additional Accessibility Issues

- Lack of an accessible portable toilet.

Figure 1: The following figure shows an example of how to identify and designate an accessible parking space at an unpaved parking lot.

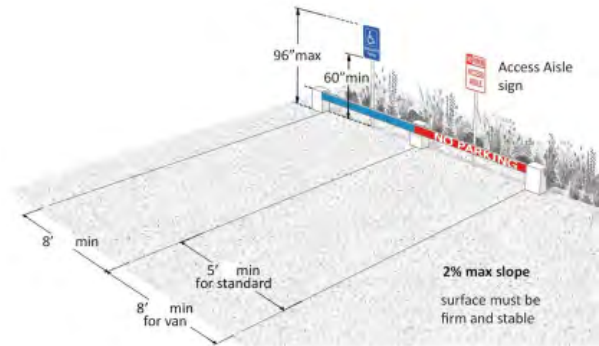


Figure 2: The yellow line shows the approximate location of the suggested accessible route from the parking area to amenities including to a bench and to the boundary of the areas of sport activity at the soccer field and at the start of the path to the hunting grounds.



Order of Magnitude Cost Estimates

- Renovate and provide exterior accessible routes: \$28,800
- Provide an accessible portable toilet: \$4,600
- Renovate parking: \$1,850

Total: *\$35,250

***Note:** Costs to make the path to the hunting grounds accessible are not included.

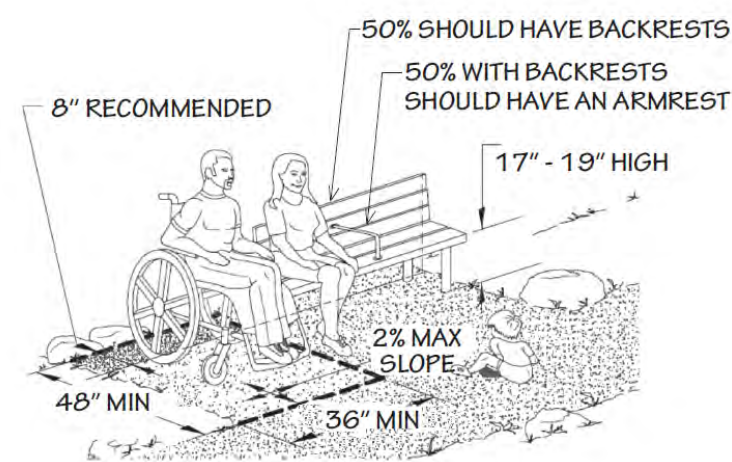
Best Practice and Inclusive Design

Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.





- Recommend providing information indicating that the route to the hunting grounds is inaccessible due to the terrain on the Town’s website and on any other websites or materials prepared by the Town that describe Town Forest Fields or the hunting grounds.

Town Forest Soccer Fields

- Recommend providing a 36" by 48" firm, stable and slip-resistant area alongside one bench in each area of the park where benches are provided so that a person using a wheelchair or other mobility device is able to sit alongside someone seated on the bench with her/his shoulders aligned. See the diagram below for best practice recommendations for benches:







**Town of Merrimac
Town Forest Soccer Field**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	Route to the Fields From the Parking Lot	Ext.		Exterior Access Route	Exterior		Not provided from all site arrival points	-	Ensure an accessible route is provided from all points of arrival. (Ensure chain blocking path to field is either removed or can be removed with out requiring tight grasping, pinching or twisting of the wrist during hours when the field is open to the public.)	1	Labor	\$0
2	Route to the Fields From the Parking Lot	Ext.		Exterior Access Route	Exterior		Level changes > 1/4"	1.5"	Alter change in level to be 1/4" high max. (Cost included in ID #7.)	-	Labor	\$0
3	Start of Route to Hunting Grounds Area	Ext.		Exterior Access Route	Exterior		Surface is not stable, firm, and slip-resistant Accessible route not provided	- -	Ensure a stable, firm and slip resistant accessible route is provided to the boundary of the path to the hunting grounds. Ensure the route is 4' wide min. and that it has a running slope of 1:20 (5.0%) max. and a cross slope of 1:50 (2.0%) max. (Cost included in ID #7.)	1	-	\$0
Off-Street Parking Lot or Garage												
4	Parking Lot	Ext.		Off-Street Parking Lot or Garage	Visitor		Total # of parking Total # of designated accessible parking spaces Total # of designated van accessible spaces Access aisle not provided Sign does not have the designation "Van Accessible" Sign bottom < 60" above finished grade	25 1 1 - - 45.5"	Provide a van accessible parking space 96" wide min. with a marked access aisle 96" wide min. Add the designation "Van Accessible" to the sign located at the van accessible space. Locate both signs with the bottom of the sign 60" min. and 96" max. above the ground.	1	1850	\$1850
Access to Goods and Services												

Town of Merrimac

Town Forest Soccer Field

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Benches												
5	Near Parking Lot by Start of Soccer Fields	Ext.		Benches	N/A		No accessible route to one bench in this area	-	Provide an accessible route to the sign on the rock and to at least one bench in each area where benches are provided. (Cost included in ID #7.)	1	-	\$0
Toilet & Bathing Rooms												
Portable Toilet												
6	Parking Lot	Ext.		Portable Toilet	N/A		Accessible portable toilets not provided	-	Ensure that at least 5% of portable toilets is accessible.	1	4600	\$4600
Play and Sport Areas												
Field												
7	Path to Boundary of Sport Activity at Soccer Field and to Start of Path to Hunting Grounds	Ext.		Field	Soccer		Not connected to an accessible-route No accessible route to all areas of sport activity	- -	Provide an accessible route from the parking area to all amenities including the boundary of sport activity at the soccer field and the start of the trail to the hunting grounds. See Figure 1 in the report narrative. Ensure path has a running slope of 1:20 (5.0%) max. and a cross slope of 1:50 (2.0%) max. (Cost estimate for a 4' wide min. x 900' long stone dust path.)	1	28800	\$28800
Best Practice												
Route to Hunting Grounds Area												
8	Path to Hunting Grounds	Ext.		Route to Hunting Grounds Area	Exterior				Recommend providing information indicating that the route to the hunting grounds is inaccessible due to the terrain on the Town's website and on any other websites or materials prepared by the Town that describe Town Forest Fields or the hunting grounds.	1	-	\$0

Town Hall



Town of Merrimac ADA Transition Plan

September 2021



Institute for Human Centered Design

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Background

Year Built: 1857 Year Renovated: 2006

Merrimac Town Hall is located at 2 School Street. Services are available to the public on the ground, first and second floors. The main entrance is on the east side of the building and is accessible. The main entrance has an automatic door that opens to an interior lift providing accessible access to the first floor which otherwise is reached by four (4) stairs. There is also an accessible entrance on the south side of the building that connects to an exterior ramp and an inaccessible egress on the north side of the building.

There is an on-street accessible parking space on School Street by the main entrance and a second on-street accessible parking space by the ramp on the south side of the building.
Note: IHCD team was told that a small parking lot on the east side of Town Hall is for employees only.

Inside Town Hall vertical access is provided by an incline lift at the main entrance and an elevator. There are also two (2) interior staircases that connect to all floors.

The ground floor is the location for the Water Department, Board of Health, Planning Board, Inspectional Services, and Meeting Room A. The ground floor also has a drinking fountain for seated users and men’s and women’s multi-user toilet rooms that each have an accessible compartment.

Note: IHCD Team was told that Meeting Room A on the ground floor is not for public use. If it is used by the public, an accessible work surface with 27” min. knee clearance is required at that location.

The first floor is the location for the selectman’s office, Meeting Room B (used as a public meeting space by the selectmen’s office), the tax collector, assessor, town clerk and Meeting Room C. The first floor also has a drinking fountain for seated users

and men’s and women’s multi-user toilet rooms that each have an accessible compartment.

The second floor houses the Town Hall auditorium. Among other amenities, the Town Hall auditorium has multiple horizontal display cases with items of historical interest. Men’s and women’s multi-user toilet rooms, each with an accessible compartment, are also located on the second floor.

Note: Most offices in the Town Hall have a service window. IHCD team was told that all interactions with members of the public take place at one of the service windows, in one of the meeting rooms or in the Town Hall auditorium.

Key Accessibility Issues

Toilet Rooms
Accessibility issues include lack of the minimum required maneuvering clearance at the exit door from the men’s toilet room on the ground floor. At the women’s accessible compartment on the ground floor level the toilet centerline is farther than allowed from the side wall. Accessible compartments throughout Town Hall have doors at the accessible compartments with a malfunctioning self-closing hinge and with compartment door hardware that cannot be operated with a closed fist.

Assembly Areas
Accessibility issues include lack of an assistive listening system in the selectmen’s meeting room on the first floor and in the Town Hall auditorium on the second floor.

Note: If audible communication is integral to the use of a space, an assistive listening system is required. Where an assistive listening system is present, it must be identified by signage with the International Symbol of Access for Hearing Loss.

Town Hall

Exterior and Interior Stairs

Accessibility issues include lack of a handrail on one side at the exterior stairs connecting to the entry door on the south side of Town Hall and at the interior stairs by the main entrance and lift. A section of the egress stairs on the second-floor lacks handrails on both sides, and egress stair handrails on the first floor do not extend 12” beyond the bottom riser.

Drinking Fountains

Accessibility issues include lack of a drinking fountain for a standing user on both the ground and first floors.

Signage

Accessibility issues include lack of a sign with the International Symbol of Accessibility (ISA) at the accessible on-street parking space by the entry door on the south side of Town Hall, designation signs not mounted on the latch side of the door, a designation sign that lacks raised characters and braille, designation and informational signs that are not attached to the wall, and lack of an illuminated International Symbol of Accessibility (ISA) sign at the accessible egress doors.

Additional Accessibility Issues

- There is an excessive change in level where a crosswalk meets the walkway near the staircase and ramp connecting to the entry door on the south side of Town Hall.
- The south side entry door has a threshold that is higher than the maximum height allowed.
- Lack of a 36” min. wide clear width at some interior accessible routes including to some of the display cases in the Town Hall auditorium.
- Doors require an opening force that is greater than allowed.
- A dispenser on the first floor is a protruding object.
- There is a gap that is greater than allowed at the entry to the lift by the main entrance on the first floor.
- Lack of an accessible work surface with 27” min. knee clearance in Meeting Room C.
- A clothes rod near the town clerk’s office is higher than the maximum height allowed.

Order of Magnitude Cost Estimates

- Renovate toilet rooms: \$6,918
- Provide two (2) drinking fountains for standing users: \$8,056
- Provide and renovate handrails and handrail extensions: \$2,226
- Provide two (2) assistive listening systems: \$2,428
- Miscellaneous corrective actions (protruding object, door threshold, signage, clothes rod, accessible work surface, etc.): \$2,400



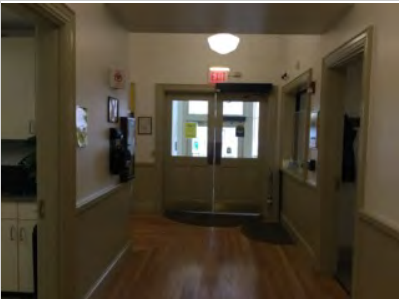

Total: \$22,028

Best Practice and Inclusive Design






Best practice and inclusive design recommendations include elements that are not required in the standards but may create enhanced experiences for all users.

- Recommend providing signs with raised characters and braille mounted on the latch side of the door at any permanent rooms that lack accessible designation signs.

Town of Merrimac
Town Hall

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Approach and Entrance												
Exterior Access Route												
1	To Ramp - South Side Accessible Entrance/Exit	Ext.		Exterior Access Route	Exterior		Level changes > 1/4"	.5"	Alter change in level to be 1/4" high max.	1	256	\$256
Off-Street Parking Lot or Garage												
2	To Ramp - South Side Accessible Entrance/Exit	Ext.		Off-Street Parking Lot or Garage			Sign not provided	-	Provide a sign with the International Symbol of Accessibility (ISA) with the bottom of the sign 60" min. above the ground and the top 96" max. above the ground.	1	500	\$500
Access to Goods and Services												
Means of Egress												
3	To Main Exit/ Entrance	1		Means of Egress	N/A		Illuminated ISA symbol not provided (MAAB)	-	If the exit sign is replaced with a new illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	-	\$0
4	To Ramp and Stair, South Side	1		Means of Egress			Illuminated ISA symbol not provided (MAAB)	-	If the exit sign is replaced with a new illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	-	\$0






Town of Merrimac
Town Hall

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
5	Exit - Stair Near Elevator	G		Means of Egress	N/A		Illuminated ISA symbol not provided (MAAB)	-	If the exit sign is replaced with a new illuminated exit sign, provide an illuminated International Symbol of Accessibility (ISA).	1	-	\$0
Interior Access Route												
6	Town Hall Auditorium	2		Interior Access Route	N/A		Route < 36" wide	23"	Ensure that a clear width of 36" min. is maintained at the accessible route. (Reposition furniture.)	1	Labor	\$0
7	Town Hall Auditorium	2		Interior Access Route	N/A		Route < 36" wide	33"	Ensure that a clear width of 36" min. is maintained at the accessible route.	1	Labor	\$0
8	Dispenser by Fire Extinguisher	1		Interior Access Route	N/A		Obstructed by protruding objects	6"	Provide a cane-detectable barrier 27" max. above the ground.	1	306	\$306
Doors, Doorways, & Gates												
9	Men's Toilet Room	G		Doors, Doorways, & Gates			Maneuvering clearance(s) not provided	42.75"	Provide an automatic door opener.	1	3060	\$3060



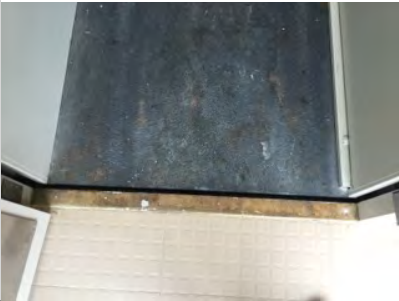


**Town of Merrimac
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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
10	South Side Entrance/Exit	1		Doors, Doorways, & Gates	Emergency Egress		Threshold > 1/2" high	2"	Alter the threshold to be 1/2" high max.	1	150	\$150
11	To Accessible Entrance/Exit and Stair, South Side	1		Doors, Doorways, & Gates	Emergency Egress		Door requires > 5 lbs. of force to open	14 lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
12	Men's Toilet Room	G		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	13 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
13	Women's Toilet Room	G		Doors, Doorways, & Gates	Toilet Room		Door requires > 5 lbs. of force to open	12 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
14	To Stair Near Meeting Room A	G		Doors, Doorways, & Gates	Circulation		Door requires > 5 lbs. of force to open	12 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0




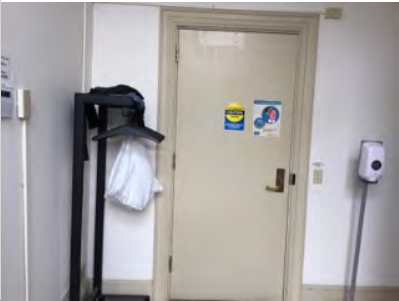

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Town Hall**

ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
15	Stair Near Elevator	G		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	11 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
16	Stair Near Elevator	1		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	15 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
17	Stair Near Elevator	2		Doors, Doorways, & Gates	Other		Door requires > 5 lbs. of force to open	14 Lbs.	Adjust closers so doors do not require more than 5 pounds of force to open.	1	Labor	\$0
Stairways												
18	Near Town Hall Auditorium - Stair to South Side Accessible Exit/Entrance	2		Stairways	Egress		Handrail not provided on both sides	-	Provide handrail on both sides. (Cost based on two 6' long handrails with real extensions.)	1	528	\$528
19	Stair to South Side Accessible Entrance	Ext.		Stairways	Egress		Handrail not provided on both sides	-	Provide handrail on one side. (Cost based on a 5' wall mounted metal handrail.)	1	370	\$370






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
20	By Main Entrance	1		Stairways	Egress		Handrail not provided on both sides Handrails do not extend 12" from stairs	- -	Provide handrail on one side. Top: Ensure handrails extend horizontally above the landing for 12" min. beginning above the first riser nosing. Bottom: Ensure handrails extend to one tread depth beyond the last riser. (Cost based on one new handrail and two wooden handrail extensions.)	1	928	\$928
21	Stair to South Side Accessible Exit	1		Stairways	Egress		Handrails do not extend 12" from stairs	-	Ensure handrails extend to one tread depth beyond the last riser.	1	400	\$400
Platform Lift or LULA Elevator												
22	Platform Lift by Main Entrance	1		Platform Lift or LULA Elevator	Interior		Not in operable working condition	-	Close gap at lift entrance to remove change in level.	1	Labor	\$0
Signage												
23	Town Hall Auditorium	2		Signage	Designation		Raised characters not provided on sign Braille not provided on sign	- -	Provide text with raised characters duplicated in braille on sign.	1	232	\$232
24	Selectmen's Office Meeting Room B	1		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side.	1	Labor	\$0






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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
25	Meeting Room A	G		Signage	Designation		Sign not located on the latch side of the door	-	Locate sign at permanent rooms alongside the door on the latch side. Properly install both signs.	1	Labor	\$0
26	Stairway to South Side Accessible Exit	1		Signage	Informational		Sign not affixed to the wall.		Attach sign to wall.	1	Labor	\$0
Operable Parts												
27	Town Hall Auditorium	2		Operable Parts	Other		Element not on an accessible route	19.25"	Ensure the displays are located on an accessible route.	1	Labor	\$0
28	Near Town Clerk's Office	1		Operable Parts	Clothes Rod/Hooks		Side reach > 54"	59"	Provide a clothes rod or coat hook positioned between 15" - 48" above the finished floor.	1	256	\$256
Dining or Work Surfaces												
29	Meeting Room C	1		Dining or Work Surfaces	Work Surface		Knee or toe clearance not provided	23.5"	Provide at least 1 work surface with 27" min. knee and toe clearance.	1	700	\$700

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
Assembly Area												
30	Selectmen's Office Meeting Room B	1		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
31	Town Hall Auditorium	2		Assembly Area	N/A		Assistive listening devices not provided	-	If audible communication is integral to the use of the space, provide an assistive listening system.	1	1214	\$1214
Toilet & Bathing Rooms												
Toilet Compartment												
32	Men's Toilet Room	G		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge Coat hook > 48"	- - 60.75"	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge. Lower coat hook so that it is no higher than 48".	1	220	\$220
33	Women's Toilet Room	G		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge Coat hook > 48"	- - 63"	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge. Lower coat hook so that it is no higher than 48".	1	220	\$220
34	Women's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge Coat hook > 48"	- - 63.25"	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge. Lower coat hook so that it is no higher than 48".	1	220	\$220

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ID	Location	Floor	Room	Element	Type	Photo	Issues	Current Measure	Recommendations	Quantity	Price	Cost Estimation
35	Men's Toilet Room	1		Toilet Compartment	Accessible Compartment		Door has non-compliant hardware Door has malfunctioning self-closing hinge Coat hook > 48"	- - 63"	Provide hardware that can be operable with one hand and not require tight grasping, pinching, or twisting of the wrist. Repair hinge. Lower coat hook so that it is no higher than 48".	1	220	\$220
36	Women's Toilet Room	2		Toilet Compartment	Accessible Compartment		Coat hook > 48"	63"	Lower coat hook so that it is no higher than 48".	1	150	\$150
37	Women's Toilet Room	G		Toilet Compartment	Accessible Compartment		Centerline < or > 18" (MAAB)	20.25"	Relocate toilet so the centerline is 18" from the side wall.	1	2828	\$2828
Additional Access												
Drinking Fountains												
38	Drinking Fountain Near Elevator	G		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4028	\$4028
39	Drinking Fountain Near Elevator	1		Drinking Fountains	Low		No drinking fountain provided for standing users	-	Provide an additional drinking fountain for standing users or install a Hi-Lo drinking fountain.	1	4028	\$4028