WARD COUNCILLORS
1 – David R. Thibault-Muñoz
2 – Dana M. Heath
3 – Paul G. Tassone
4 – Karen G. Hardern
5 – Aleksander H. Dernalowicz, Esq.

COUNCIL PRESIDENT
George C. Tyros

COUNCILLORS AT LARGE
Calvin D. Brooks
Craig R. Cormier
Brad E. Heglin
Elizabeth J. Kazinskas
Judy A. Mack

City of Gardner Massachusetts

CALENDAR FOR THE MEETING
of

MONDAY MARCH 16, 2026
CITY COUNCIL CHAMBER
7:30 P.M.
*AMENDED

ORDER OF BUSINESS

I. CALL TO ORDER

II. CALL OF THE ROLL OF COUNCILLORS

III. OPENING PRAYER

IV. PLEDGE OF ALLEGIANCE

V. ANNOUNCEMENT OF OPEN MEETING RECORDINGS

Any person may make a video or audio recording of an open session of a meeting, or may transmit the meeting through any medium, subject to reasonable requirements of the chair as to the number, placement and operation of equipment used so as not to interfere with the conduct of the meeting. Any person intending to make such recording shall notify the Chair forthwith. All documents and exhibits used or referenced at the meeting must be submitted in duplicate to the City Clerk, as they become part of the Meeting Minutes.

VI. READING OF MINUTES OF PRIOR MEETING(S)

- November 3, 2025, Regular Meeting
- November 17, 2025, Regular Meeting
- January 5, 2026, Regular Meeting
- January 20, 2026, Regular Meeting
- January 20, 2026, Joint Convention with School Committee

VII. PUBLIC HEARINGS

VIII. COMMUNICATIONS FROM THE MAYOR

IX. PETITIONS, APPLICATIONS, COMMUNICATIONS, ETC.

11802 – Letter from Teamsters Union Local 170 Regarding Union Negotiations Between the Teamsters (Department Heads) and the City. *Page 44*

X. REPORTS OF STANDING COMMITTEES

APPOINTMENTS COMMITTEE

11654 - A Measure Confirming the Mayor's Appointment of Duncan Burns, to the position of Conservation Commission Member, for a term expiring August 21, 2028. *(Appeared in Appointments Committee 1/28/2026; Referred to City Council 3/9/2026) Page 46*

11757 - A Measure Confirming the Mayor's Appointment of Linda Rice, to the position of Historical Commission Member, for term expiring December 11, 2028. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 49*

11758 - A Measure Confirming the Mayor's Appointment of Marcia White, to the position of Historical Commission Member, for term expiring December 11, 2028. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 53*

11759 - A Measure Confirming the Mayor's Appointment of Ottavio Canu, to the position of Historical Commission Member, for term expiring December 11, 2028. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026)*

11770 - A Measure Confirming the Mayor's Appointment of Jason Stevens, to the position of Director of Community Development & Planning, for term expiring January 13, 2029. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 61*

11771 - A Measure Confirming the Mayor's Appointment of Melissa MacDonald, to the position of Building Commissioner, for term expiring January 13, 2027. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 64*

11755 - A Measure Confirming the Mayor's Appointment of Christopher J. Black, to the position of Gardner Police Officer, permanent. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 67*

11787 - A Measure Confirming the Mayor's Appointment of Michael King, to the position of Gardner Police Officer, permanent. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 70*

11788 - A Measure Confirming the Mayor's Appointment of Ryan Coates, to the position of Sergeant, permanent. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 73*

11789 - A Measure Confirming the Mayor's Appointment of Derek Wight, to the position of Gardner Police Officer, permanent. *(Appeared in Appointments Committee 3/9/2026; Referred to City Council 3/10/2026) Page 76*

FINANCE COMMITTEE

11776 - An Ordinance to Amend Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule," by adding a new Section 10 to cover temporary positions. *(Appeared in Finance Committee 2/10/2026; Referred to City Council 2/24/2026; First Printing 3/2/2026) Page 79*

11777 - An Ordinance to Amend Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule." *(Appeared in Finance Committee 2/10/2026; Referred to City Council 2/24/2026; First Printing 3/2/2026) Page 81*

11782 - Donation Acceptance Order - Gardner Community Action Team. *(Appeared in Finance Committee 2/10/2026; Referred to City Council 2/24/2026; In City Council and Referred to Law Department 3/2/2026) Page 85*

11790 - A Measure Accepting the FY2027 Capital Improvement Plan. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 88*

11791 - A Measure Accepting Donations to the Executive Department. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 243*

11792 - An Order Appropriating $51,200.00 from Free Cash to Engineering Dept Bridge State Grant Account. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 246*

11793 - An Order Appropriating $100,000.00 from Water Enterprise Retained Earnings to the Water Enterprise James Street Pump Station Repair Account. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 259*

11795 - A Measure Accepting Donations from the 2025 Flowerpot Sponsorship Program. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 262*

11796 - An Order Appropriating $105,000.00 from Water Enterprise Retained Earnings (Surplus) to Water Enterprise Professional Services Account. *(Appeared in Finance Committee 2/24/2026; Referred to City Council 3/10/2026) Page 267*

ECONOMIC AND COMMUNITY DEVELOPMENT COMMITTEE

11772 - An Ordinance to Amend the Code of the City of Gardner, Chapter 675, Thereof Entitled Zoning, to Remove Article IX, Thereof Entitled "Signs and Advertising Devices," and Move it to a New Non-Zoning Chapter to be Numbered Chapter 665. *(Appeared in Economic and Community Development Committee 2/13/2026; Referred to City Council 2/25/2026; Referred to Planning Board 3/2/2026) Page 270*

XI. UNFINISHED BUSINESS AND MATTERS FOR RECONSIDERATION

XII. NEW BUSINESS

XIII. COUNCIL COMMENTS AND REMARKS

XIV. CLOSING PRAYER

XV. ADJOURNMENT

Items listed on the Council Calendar are those reasonably anticipated by the Council President to be discussed at the meeting. Not all items listed may in fact be discussed and other items not listed may also be brought up for discussion to the extent permitted by law.

***AMENNDED** – Item removed. **11773** - FY2026 Community Development Block Grant (CDBG) Steering Committee Recommendations.

CITY OF GARDNER IN CITY COUNCIL

REGULAR MEETING OF NOVEMBER 3, 2025

Regular Meeting of the City Council was held in the City Council Chamber, Room 219, City Hall, on Monday evening, November 3, 2025.

CALL TO ORDER

President Geoge Tyros called the meeting to order at 7:30 o'clock p.m.

CALL OF THE ROLL

City Clerk Titi Siriphan called the Roll of Members. Eleven (11) Councillors were present including President George Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, David Thibault-Muñoz and Paul Tassone.

OPENING PRAYER

PLEDGE OF ALLEGIANCE

President Tyros led the Council in reciting the "Pledge of Allegiance".

OPEN MEETING RECORDING & PUBLIC RECORDS ANNOUNCEMENT

President Tyros announced to the assembly that the Open Meeting Recording and Public Records Announcement. Any person may make a video or audio recording of an open session of a meeting or may transmit the meeting through any medium subject to reasonable requirements of the chair as to the number placement and operation of equipment used so as not to interfere with the conduct of the meeting. Any person intending to make such recordings shall notify the Chair forthwith. All documents and exhibits used or referenced at the meeting must be submitted in duplicate to the chair as they become part of the meeting minutes pursuant to General Law Chapter 38 Section 20.

READING & ACCEPTANCE OF MINUTES

No meeting minutes were present.

PETITIONS, APPLICATIONS, COMMUNICATIONS, ETC.

#11716
On a motion made by Councillor Craig Cormier and seconded by Councillor Aleksander Dernalowicz, it was voted to grant *An Application submitted by E.J. Wyson Trucking for a Flammable License located at 163 & 169 Colony Road and schedule a public hearing*.

11 yeas, motion passes.

REPORTS OF STANDING COMMITTEE
FINANCE COMMITTEE

#11700
On a motion made by Councillor Aleksander Dernalowicz and seconded by Councillor Judy Mack, it was voted on call of the roll, eleven (11) yeas, President Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, Paul Tassone and David Thibault-Muñoz, to adopt the order:

VOTE

That the City of Gardner (City) appropriate the amount of Six million, nine hundred and eleven thousand, twenty-eight ($6,911,028) Dollars for the purpose of paying costs of the Gardner Middle School MSBA Accelerated Repair Roof Replacement Project at 297 Catherine St., Gardner, MA, including the payment of all costs incidental or related thereto (the "Project"), which proposed repair project would materially extend the useful life of the school and preserve an asset that otherwise is capable of supporting the required educational program, and for which the City has applied for a grant from the Massachusetts School Building Authority ("MSBA"), said amount to be expended under the direction of the Gardner School Committee. To meet this appropriation, the City Council, with the approval of the Mayor is authorized to borrow said amount under M.G.L. Chapter 44, or pursuant to any other enabling authority. The City acknowledges that the MSBA's grant program is a non-entitlement, discretionary program based on need, as determined by the MSBA, and if the MSBA's Board of Directors votes to invite the City to collaborate with the MSBA on this proposed repair project, any project costs the City incurs in excess of any grant that may be approved by and received from the MSBA shall be the sole responsibility of the City, and that the amount of borrowing authorized pursuant to this vote shall be reduced by any grant amount set forth in the Project Funding Agreement that may be executed between the City and the MSBA; and that this vote be adopted as read.

REPORTS OF STANDING COMMITTEE
ECONOMIC AND COMMUNITY DEVELOPMENT

Councillor Elizabeth Kazinskas reported to the City Council an update from the October Economic and Community Development Committee. The Economic Development Committee did not meet this reporting period. However, written update from Director Stevens was provided. The full departmental update is included in tonight's City Council meeting packet, along with supporting documentation related to the Maki Park project.

Rear Main Street Project

- Project is progressing on schedule.
- Some work sequencing was adjusted due to electrical work requirements.
- Revised project schedule submitted on October 23.

- Electrical work expected to resume on November 3, pending approvals.
- Significant progress is visible on site.

Maki Park Project

- Budget reclassifications bring the project total to just under $60,000, aligning with contractor estimates.
- Funding covers remaining work to meet accessibility requirements.
- Department maintains ongoing communication with the contractor.
- Substantial completion date is set for November 21.
- Minor delays occurred due to weather; contractor adjusted scheduling accordingly.
- Project permit has been amended and finalized.
- Goal remains completion this construction season to allow full accessibility next year.

Master Plan Project

- Draft key issues, opportunities, and goals are under review by the Master Plan Steering Committee.
- Public and committee feedback accepted through November 17.
- Committee will reconvene after November 17 to review and reassess submissions.
- Project remains on schedule.

Hazard Mitigation Plan

- Community feedback survey is open through November 19.
- Survey is publicly available online; residents are encouraged to participate.

North Central Pathway / Pearly Brook Culvert

- Current pathway section completed, including paving along Crystal Lake Drive to the Park Street National Grid substation.
- Final review underway for submission documents related to project continuation, including coordination with National Grid's right-of-way team.
- Submission documents were scheduled for departmental review on October 31.
- Pearly Brook culvert failure (June 2025) is within National Grid's right-of-way.
- National Grid conducted site visits in July and on October 29 and is preparing an engineering review for proper culvert replacement.
- Ongoing coordination is occurring to address the issue in a timely manner.

Garbose Property Sale

- Land disclosure agreement and purchase and sale agreement are still under legal review and revision.

205–213 Main Street Sale

- Land disclosure agreement and purchase and sale agreement are in draft form.
- Initial negotiations with the buyer began on October 29 and are ongoing.

Greenwood Pool Demolition

- Above-ground demolition began October 24 and was completed October 31.
- Below-ground demolition and backfill are underway; final schedule pending contractor confirmation.
- Project is anticipated to be completed mid- to late November.
- Historic elements (including cupolas, finials, bar/desk, signage, and display cases) were salvaged prior to or during demolition.
- Salvaged items are being stored by DPW for future incorporation into a planned pavilion or other public displays, pending funding and final design.

Planning Board Activity

- Preliminary plans submitted for:
  - Walmart fueling facility
  - GAAMHA, 827 Green Street
- Both items are scheduled for Planning Board discussion on November 4.
- Definitive plan for Linus Allain, (Mount Wachusett Community College) remains under public hearing.
- Planning Board will continue the hearing until revised definitive plans are submitted.

On a motion made by Councillor Elizabeth Kazinskas and seconded by Councillor Dana Heath, it was voted to place on file, October Economic and Community Development Update.

11 yeas, motion passes.

COUNCIL COMMENTS AND REMARKS

Councillor Dana Heath provided an update regarding the Pearl Street project. He reported that he spoke with DPW Director Arnold earlier in the day to inquire about the project timeline. Director Arnold indicated that the project should be completed in approximately two weeks. Once the sidewalks are capped, paving of the street will begin. Councillor Heath noted that the delay was due to state funding arriving later than expected. He added that many other cities and towns that rely on the same funding source are experiencing similar delays and are currently moving forward with paving projects as well. While the situation has been inconvenient for residents, he emphasized that the work is necessary.

Councillor Heath also reminded residents that the following day is Election Day and encouraged everyone to participate. He stressed that voting is a powerful way for residents to make their voices heard and help shape the future of the city.

He concluded by thanking the city's poll workers, including Clerk Siriphan and the election staff, for their dedication and long hours in ensuring a fair and smooth election process for all voters.

DRAFT

Councillor Judy Mack announced that, in light of recent developments at the state and national level regarding SNAP benefit reductions or temporary eliminations, the Gardner City Council will be organizing a community food drive to support local residents in need. She explained that the Gardner Community Action Committee (CAC) is in urgent need of assistance, not only due to the recent changes affecting SNAP benefits but also with the upcoming holiday season approaching.

Councillor Mack stated that, with the assistance of Councillor Dana Heath, the City Council plans to hold the food drive on either Saturday, November 8, or Saturday, November 15. The event will take place from 9:00 a.m. to 11:30 a.m. at local grocery stores, and additional details will be posted on the City Hall website. Volunteers will be present at the stores distributing lists of needed items, which were provided by the CAC. Councillor Mack encouraged residents who are grocery shopping during that time to consider donating items to support community members facing food insecurity. She thanked the community in advance for their support.

Councillor Paul Tassone reminded residents that the following Tuesday is Veterans Day, a time to honor and thank those who have served the country in the armed forces. He announced that the city's annual Veterans Day ceremony will be held at Perry Auditorium at 11:00 a.m. and invited all residents to attend and participate in recognizing the men and women who have dedicated their lives to defending the nation's freedoms. Councillor Tassone encouraged the community to take time during the week to reach out to local veterans and their families to express gratitude for their service and to reflect on the values they work to protect. He concluded by stating that he hopes to see many residents in attendance at the ceremony.

Councillor Calvin Brooks recognized a recent front-page story in the *Gardner News* highlighting the Paramount Café's 90th anniversary in business. He shared that he has been a customer of the café since the 1980s, when he worked in the furniture business downtown and regularly went there for lunch. Councillor Brooks noted that many of the café's daily specials have remained unchanged over the years. He also praised the continued dedication of Pat and Pete Moutsos, noting that their commitment to their craft and their customers reflects values passed down from previous generations of their family. Councillor Brooks remarked that they consistently show care for their customers and often go the extra mile when needed. He added that this type of old-world, small-town sense of community and service is something that can sometimes be overlooked in today's fast-paced world. Councillor Brooks concluded by congratulating Pat and Peter on maintaining such a longstanding and valued local establishment.

President George Tyros offered brief remarks, noting that while the Council often uses this portion of the meeting to discuss serious matters, it can also be worthwhile to acknowledge lighter moments. He mentioned that, according to his research, 43 years ago on that date the United Nations held its first International Day of Peace. On a more local note, he also recognized that the day marked the birthday of Councillor Dernalowicz and extended birthday wishes.

ADJOURNMENT

On a motion by Councillor Paul Tassone and seconded by Councillor Dana Heath, it was voted to adjourn at 7:54 p.m.

Accepted by the City Council:

DRAFT

CITY OF GARDNER IN CITY COUNCIL

REGULAR MEETING OF NOVEMBER 17, 2025

Regular Meeting of the City Council was held in the City Council Chamber, Room 219, City Hall, on Monday evening, November 17, 2025.

CALL TO ORDER

President Geoge Tyros called the meeting to order at 7:30 o'clock p.m.

CALL OF THE ROLL

City Clerk Titi Siriphan called the Roll of Members. Ten (10) Councillors were present including President George Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, and David Thibault-Muñoz; Councillor Paul Tassone was absent.

OPENING PRAYER

PLEDGE OF ALLEGIANCE

President Tyros led the Council in reciting the "Pledge of Allegiance".

OPEN MEETING RECORDING & PUBLIC RECORDS ANNOUNCEMENT

President Tyros announced to the assembly that the Open Meeting Recording and Public Records Announcement. Any person may make a video or audio recording of an open session of a meeting or may transmit the meeting through any medium subject to reasonable requirements of the chair as to the number placement and operation of equipment used so as not to interfere with the conduct of the meeting. Any person intending to make such recordings shall notify the Chair forthwith. All documents and exhibits used or referenced at the meeting must be submitted in duplicate to the chair as they become part of the meeting minutes pursuant to General Law Chapter 38 Section 20.

READING & ACCEPTANCE OF MINUTES

On a motion made by Councillor Craig Cormier and seconded by Councillor Elizabeth Kazinskas, it was voted, ten (10) yeas, President George Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, and David Thibault-Muñoz to waive the reading and accept the minutes of July 7, 2025, Joint Public Hearing with City Council and Planning Board, July 7, 2025, Regular Meeting, and August 4, 2025, Informal Meeting.

DRAFT

PETITIONS, APPLICATIONS, COMMUNICATIONS, ETC.

#11730
On a motion made by Councillor Craig Cormier and seconded by Councillor Aleksander Dernalowicz, it was voted to refer to the Public Service Committee for further study and report, and schedule a Public Hearing on, *Plan #3082599 Pleasant Street, Main Street, W Lynde Street – National Grid to Install a new hand Hole in the sidewalk on Pleasant Street. Install new transformer pad with bollards in the sidewalk behind 8 Main Street and extend the sidewalk out around the pad to make room for pedestrians. Install duct bank between the hand hole and pad ~140', and between the pad and existing MH200 on W Lynde Street*.

10 yeas, motion passes.

#11731
On a motion made by Councillor Craig Cormier and seconded by Councillor Karen Hardern, it was voted to refer to the Public Service Committee for further study and report, and schedule a Public Hearing on, *Plan #31105017 Derby Drive, W Lynde Street – National Grid to install new hand hole in W Lynde near back of 8 Main Street with conduit from there to Pad 200-1 to refeed 8 Main Street. Replacing old conduits to Pads 200-1 and 200-2. Installing ~204 of conduit from MH200 to new SGMH-1 at rear of 58 Main Street off Derby Drive*.

10 yeas, motion passes.

REPORTS OF STANDING COMMITTEE
SAFETY COMMITTEE

#11729
On a motion made by Councillor Craig Cormier and seconded by Councillor Karen Hardern, it was voted to grant, *An Application for Motor Vehicle Dealers License Class 2, for FJ Drive Zone Corp. at 407 Chestnut Street*.

REPORTS OF STANDING COMMITTEE
WELFARE COMMITTEE

#11688
On a motion made by Councillor Judy Mack and seconded by Councillor Dana Heath, it was voted to send to first printing, *An Ordinance to Amend Chapter 675 of the Code of The City of Gardner, Thereof Entitled "Zoning," To Allow for The Operation and Use of Cottage Kitchens in Residential Districts Within the City of Gardner*.

#11704
On a motion made by Councillor Judy Mack and seconded by Councillor David Thibault-Muñoz, it was voted to send to first printing, *An Ordinance to Amend Chapter 675 of the Code of*

the City of Gardner, thereof Entitled Zoning, To Promote Housing Growth and Production in the City.

10 yeas, motion passes.

On a motion made by Councillor Brad Heglin and seconded by Councillor Judy Mack, it was voted to amend section 3, subsection E, clause 3, by striking "may be rented or occupied by family members" and replacing it with "shall."

10 yeas, motion passes.

On a motion made by Councillor Calvin Brooks and seconded by Councillor Aleksander Dernalowicz, it was voted to have a secondary amendment to notify the Planning Board of the changes made and address any concerns they may have before the next City Council meeting, before the second printing.

10 yeas, motion passes.

REPORTS OF STANDING COMMITTEE
FINANCE COMMITTEE

#11718
On a motion made by Councillor Judy Mack and seconded by Councillor Aleksander Dernalowicz, it was voted to place on file, *A Communication from the Mayor Regarding the Certification of the FY2026 Tax Rate, Tax Recapitulation Form, and Levy Limit Worksheet*.

10 yeas, motion passes.

#11719
On a motion made by Councillor Judy Mack and seconded by Councillor Aleksander Dernalowicz, it was voted to grant, *A Measure Authorizing the City to Enter into a Contract for up to Five (5) Years for On-Call Engineering Services for the Gardner Municipal Airport*.

AUTHORIZING FIVE-YEAR CONTRACT PERIOD ON CALL ENGINEERING SERVICES

VOTED: To authorize the City to enter into a contract not to exceed five (5) years for On Call Engineering Services, pursuant to the provisions of Massachusetts General Law, Chapter 30B, section 12 and under the terms outlined in the Purchasing Agent's October 7, 2025, Memorandum.

10 yeas, motion passes.

#11720
On a motion made by Councillor Judy Mack and seconded by Councillor Aleksander Dernalowicz, it was voted to adopt the order, *A Measure Authorizing the Payment of a Prior Fiscal Year Salary Expenditure- Board of Health and Conservation Commission*.

AUTHORIZING PAYMENT OF PRIOR YEAR SALARY EXPENDITURE

ORDERED: To authorize payment of prior year Board of Health/Conservation Commission Member salary expenditure account for prior year, as follows:

FY2025 BOH/CON COMM SALARY ACCOUNT $750

10 yeas, motion passes.

#11722
On a motion made by Councillor Aleksander Dernalowicz and seconded by Councillor Judy Mack, it was voted to place on file, *A Communication from the Mayor Regarding the Certification of FY2025 Free Cash and Retained Earnings*.

10 yeas, motion passes.

#11724
On a motion made by Councillor Aleksander Dernalowicz and seconded by Councillor Brad Heglin, it was voted on call of the roll, ten (10) yeas, President Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, and David Thibault-Muñoz, to adopt the order:

AN ORDER APPROPRIATING FROM FREE CASH TO THE OTHER POST-EMPLOYMENT BENEFITS LIABILITY TRUST FUND.

ORDERED: That there be and is hereby appropriated the sum of Twenty Thousand One Hundred Ninety-Six Dollars and No Cents ($20,196.00) from Free Cash to the Other Post-Employment Benefits Liability Trust Fund.

#11725
On a motion made by Councillor Aleksander Dernalowicz and seconded by Councillor Brad Heglin, it was voted on call of the roll, ten (10) yeas, President Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, and David Thibault-Muñoz, to adopt the order:

AN ORDER APPROPRIATING FROM FREE CASH TO DEPARTMENT OF PUBLIC WORKS DEPT. - ROAD RESURFACING EXPENSE ACCOUNT.

DRAFT

ORDERED: That there be and is hereby appropriated the sum of Two Hundred One Thousand Nine Hundred Fifty-One Dollars and No Cents ($201,951.00) from Free Cash to Department of Public Works Dept. – Road Resurfacing Expense Account.

#11727
Councillor Aleksander Dernalowicz informed the Council that the leachate pump at the City landfill has failed and requires full repair or replacement. A temporary fix is currently in place, and related invoices along with bid and procurement information are included in the meeting packet. However, additional details are still needed regarding the total project cost, funding sources, and how this appropriation aligns with a prior transfer approved earlier this year.

On a motion made by Councillor Aleksander Dernalowicz and seconded by Councillor Brad Heglin, it was voted to refer to Finance Committee for further study and report, *An Order Appropriating $100,000.00 from Free Cash to the Landfill Pump Repair Account*.

10 yeas, motion passes.

#11732
Councillor Brad Heglin, Council liaison for the Waterford Community Center, reported an update to the Council for the month of November.

- Growing Places held a ribbon-cutting ceremony and is now fully operational, with minor remaining work and potential for additional leasing.
- The CAC continues progress on outfitting its space, with a targeted opening in late spring or early summer; Director Julie Meehan was thanked for her diligence and communication.
- State Representative Jon Zlotnik secured a $100,000 earmark to support the next phase of buildout at the community center.
- Discussions occurred with the Historical Commission regarding potential viewing and research rooms and appropriate archival storage; the Mayor expressed openness to the proposal.
- Senior Center entryway improvements have begun, including a concrete pad, ramp, and fencing; storefront doors are expected to arrive in approximately six to eight weeks.
- Director Josh Cormier was acknowledged for his work on contracts and ongoing communication.
- Overall building progress remains slow; remaining work includes bathroom renovations, ADA improvements, HVAC completion, door installation, and other approved capital improvements.
- Concern was expressed regarding delays, prioritization, and the potential for future cost increases.
- Councillor Heglin reaffirmed support for the project but emphasized the need for a dedicated city staff member to oversee and drive progress.

DRAFT

- Councillor Heglin announced his resignation as council liaison and recommended future updates be handled through a standing subcommittee.

On a motion made by Councillor Brad Heglin and seconded by Councillor Aleksander Dernalowicz, it was voted to place on file, *Council Liaison – November Waterford Community Center Update*.

10 yeas, motion passes.

#11733
On a motion made by Councillor Brad Heglin and seconded by Councillor Aleksander Dernalowicz, it was voted on call of the roll, eight (8) yeas, President Tyros and Councillors, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, and Judy Mack two (2) nays, Councillors Calvin Brooks and David Thibault-Muñoz; to send to first printing, as amended, *An Ordinance to Amend the Code of the City of Gardner, Chapter 8, Attachment E, thereof entitled "Non-Union Compensation Schedule" by removing positions into a new Attachment F and setting the compensation for such positions*.

On a motion made by Councillor Brad Heglin and seconded by Councillor Judy Mack, it was voted to amend the ordinance in Exhibit F, thereof entitled "Primary Non-Union Employee Compensation Schedule" by stricken the lines for group 2B in their entirety and in place thereof the following:

DRAFT

Assistant City Clerk	2B		$ 55,000.50	$ 56,100.51	$ 57,222.52	$ 58,366.97	$ 59,534.31	$ 60,725.00	$ 61,939.50	$ 63,178.29
Assistant City Auditor	2B		$ 56,250.50	$ 57,375.51	$ 58,523.02	$ 59,693.48	$ 60,887.35	$ 62,105.10	$ 63,347.20	$ 64,614.14
Assistant City Treasurer/Collector	2B		$ 57,400.50	$ 58,548.51	$ 59,719.48	$ 60,913.87	$ 62,132.15	$ 63,374.79	$ 64,642.29	$ 65,935.13

DRAFT

10 yeas, motion passes.

On a motion made by Councillor Judy Mack and seconded by Councillor Dana Heath, it was voted to amend line 3A for Lifeguard and Head Lifeguard, strike its entirety and replace with the following rates:

Head Lifeguard-

3A	$20.00	$20.30	20.60	Amended by the City Council
3A	18.00	18.27	18.54	Proposed by the Mayor

Lifeguard-

3A	$`9.00	$19.29	$19.58	Amended by City Council
3A	$17.00	$17.26	$17.51	Proposed by the Mayor

10 yeas, motion passes.

On a motion made by Councillor Brad Heglin and seconded by Councillor Aleksander Dernalowicz, it was voted to remove subsection c (the maximum credited time awarded shall not exceed 10 years) from sections one (1) and two (2), and make it a sub section 3, and accordingly move “d” and “e” up to the corresponding letters.

10 yeas, motion passes.

REPORTS OF STANDING COMMITTEE
APPOINTMENTS COMMITTEE

#11641
On a motion made by Councillor Elizabeth Kazinskas and seconded by Councillor Brad Heglin, it was voted to confirm, *A Measure Confirming the Mayor's Appointment of James Faust, to the position of Williams-Rockwell Educational Gift Fund Trustee, for a term expiring August 21, 2028*.

10 yeas, motion passes.

#11645
On a motion made by Councillor Brad Heglin and seconded by Councillor Dana Heath, it was voted to confirm, *A Measure Confirming the Mayor's Appointment of Paul Cormier, to the position of Planning Board Member, for a term expiring August 21, 2028*.

10 yeas, motion passes.

#11651
On a motion made by Councillor Dana Heath and seconded by Councillor Brad Heglin, it was voted to confirm, *A Measure Confirming the Mayor's Appointment of Magnus Paul Carlberg, to the position of Redevelopment Authority Member, for a term expiring August 21, 2030*.

10 yeas, motion passes.

#11658
On a motion made by Councillor Dana Heath and seconded by Councillor Brad Heglin, it was voted to confirm, *A Measure Confirming the Mayor's Appointment of Magnus Paul Carlberg, to the position of Industrial Development Finance Authority Member, for a term expiring August 22, 2030*.
10 yeas, motion passes.

#11659
On a motion made by Councillor Elizabeth Kazinskas and seconded by Councillor Brad Heglin, it was voted to confirm, *A Measure Confirming the Mayor's Appointment of Timothy Horrigan, to the position of Industrial Development Finance Authority Member, for a term expiring August 22, 2030*.

10 yeas, motion passes.

COUNCIL COMMENTS AND REMARKS

Councillor Judy Mack reported on the success of the recent community food drive organized for the Gardner Community Action Committee (CAC). She explained that prior to the election she decided to organize the drive, sponsored by the City Council, noting that while council members may disagree at times, they share the common goal of making a positive impact on the community and are willing to step forward not only as elected officials but also as private citizens. She stated that the City Council collaborated with the Gardner Senior Center and AARP to hold the food drive on the same day as the Senior Center's annual collection. This partnership allowed volunteers to expand the effort to all four grocery stores in Gardner rather than limiting it to one location.

Councillor Mack said the response from the community exceeded her expectations and described the generosity of residents as remarkable. She noted that the donations collected will help hundreds of families not only during the holiday season but for months to come. She thanked her fellow Councillors for volunteering their time, the Gardner Senior Center and AARP for allowing the collaboration, and Senior Center Director Mike Ellis and his wife Lisa for their assistance, particularly with collecting and delivering the food to the CAC. She also acknowledged Councillor Dana Heath for helping coordinate the necessary approvals from the stores. Councillor Mack concluded by thanking the managers of Aldi, Price Chopper, Walmart, and Hannaford for permitting volunteers to collect donations outside their businesses, noting that these businesses consistently support and give back to the community throughout the year.

Councillor Dana Heath echoed the remarks of Councillor Judy Mack regarding the recent community food drive. He stated that it was a positive experience to participate in the event and see the community come together to support those in need. Councillor Heath noted that one of the most meaningful observations during the drive was seeing individuals who themselves may be facing challenges still choosing to donate and help others. He described this as a heartwarming example of generosity and compassion within the community. He concluded by expressing his appreciation and thanking everyone who contributed to the success of the food drive.

Councillor Elizabeth Kazinskas Councillor Elizabeth Kazinskas announced that the Memorial Lights Drive is currently underway and will continue through December 15. She explained that the program supports the holiday lights displayed throughout downtown, including the illuminated trees that help decorate the city during the holiday season. She noted that the annual drive is organized by Gardner Square Two and helps ensure that the downtown area remains festive and welcoming throughout the holidays. Councillor Kazinskas encouraged anyone interested in contributing to visit the Gardner Square Two website before the December 15 deadline to donate and help keep the city beautifully decorated for the holiday season.

Councillor Brad Heglin wishes everyone a happy and healthy Thanksgiving.

President George Tyros offered two comments during his remarks. First, he expressed sincere appreciation to Councillor Heglin for his most recent and final update regarding the Waterford Community Center project. On behalf of the Council, President Tyros thanked Councillor Heglin for his dedicated work serving as the Council's liaison for the project throughout the summer and fall. He acknowledged Councillor Heglin's observations

regarding the contrast between the progress made by project tenants and the City's pace of progress, noting the importance of clear prioritization and administrative momentum moving forward. President Tyros also stated that, during a recent presentation to seniors at the Senior Center, it was clear that residents are eager for the move into a more modern and suitable facility. He emphasized that the Council recognizes the need for continued progress and will remain a strong voice for constituents until the project is completed.

Second, President Tyros addressed a recent issue involving the failure to capture audio from several City Council standing committee meetings. While the technical cause has been identified, he noted that the situation highlighted a broader opportunity to review and improve existing processes within City operations. He emphasized that the focus is not on assigning blame, but rather on embracing continuous improvement by examining long-standing practices and identifying opportunities to operate more efficiently and effectively. President Tyros stated that the Council is committed to asking thoughtful questions, reviewing processes, and making appropriate investments that provide long-term benefits for residents. As an example, he noted that, at the request of Councillor Heglin and with his agreement, the Council will seek to use a portion of Councillor Heglin's unused salary to purchase dedicated video equipment for the Council Chamber to improve recording capabilities moving forward.

ADJOURNMENT

On a motion by Councillor Elizabeth Kazinskas and seconded by Councillor Dana Heath, it was voted, to adjourn at 9:10 p.m.

Accepted by the City Council:

DRAFT

CITY OF GARDNER IN CITY COUNCIL

REGULAR MEETING OF JANUARY 5, 2026

Regular Meeting of the City Council was held in the City Council Chamber, Room 219, City Hall, on Monday evening, January 5, 2026

CALL TO ORDER

City Clerk Titi Siriphan called the meeting to order at 7:30 o'clock p.m.

CALL OF THE ROLL

City Clerk Titi Siriphan called the Roll of Members. Nine (9) Councillors were present including Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, (Councillor Elect) Brad Heglin, Elizabeth Kazinskas, Paul Tassone, and George Tyros. Councillor Elect Judy Mack and Councillor David Thibault-Muñoz were absent.

ADMINISTRATIVE OF OATH OF OFFICE TO THOSE NOT PRESENT ON JANUARY 5, 2026, AT 10:00 AM

Clerk Siriphan administered the oath of office to Councillor-elect Brad Heglin.

ELECTION OF THE COUNCIL PRESIDENT

The City Clerk announced that nominations were in order for election of Council President for the year 2026, in accordance with Section 5 of the Charter of the City of Gardner.

Councillor Brad Heglin nominated Councillor George Tyros and seconded by Councillor Paul Tassone.

Councillor George Tyros announced that he would recuse himself on advice from the State Ethics Commission "as candidates [for Council President] are not allowed to vote for themselves." He removed himself from the meeting participation.

There being no further nominations, the City Clerk entertained a motion to close nominations.

On a motion by Councillor Brad Heglin and seconded by Councillor Paul Tassone, it was voted, eight (8) yeas, Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Paul Tassone, and to close nominations.

DRAFT

On call of the roll:

Councillor Calvin D. Brooks voting for GEORGE C. TYROS
Councillor Craig R. Cormier voting for GEORGE C. TYROS
Councillor Aleksander H. Dernalowicz voting for GEORGE C. TYROS
Councillor Karen G. Hardern voting for GEORGE C. TYROS
Councillor Dana M. Heath GEORGE C. TYROS
Councillor Brad E. Heglin voting for GEORGE C. TYROS
Councillor Elizabeth J. Kazinskas GEORGE C. TYROS
Councillor Paul G. Tassone voting for GEORGE C. TYROS
Councillor George C. Tyros RECUSED

Having received eight (8) votes, Councillor George C. Tyros was declared elected Council President. Councillors applauded and extended personal congratulations. President Tyros assumed the Chair.

OPENING PRAYER

PLEDGE OF ALLEGIANCE

President Tyros led the Council in reciting the "Pledge of Allegiance".

OPEN MEETING RECORDING & PUBLIC RECORDS ANNOUNCEMENT

President Tyros announced to the assembly that the Open Meeting Recording and Public Records Announcement. Any person may make a video or audio recording of an open session of a meeting or may transmit the meeting through any medium subject to reasonable requirements of the chair as to the number placement and operation of equipment used so as not to interfere with the conduct of the meeting. Any person intending to make such recordings shall notify the Chair forthwith. All documents and exhibits used or referenced at the meeting must be submitted in duplicate to the chair as they become part of the meeting minutes pursuant to General Law Chapter 38 Section 20.

READING & ACCEPTANCE OF MINUTES

There were no meeting minutes present.

REPORTS OF STANDING COMMITTEE
ECONOMIC AND COMMUNITY DEVELOPMENT COMMITTEE

#11454
Economic and Community Development Director Jason Stevens provided an updated presentation to the Council. Presentation attached.

Councillor Elizabeth Kazinskas had a question for Mayor Nicholson. She asked if Maki Park is ADA compliant.

Mayor Nicholson responded that, in short, the project is ADA compliant. He explained that compliance is verified through review by the Building Commissioner to ensure the project meets the requirements of the Massachusetts CMRs that implement the Americans with Disabilities Act. In addition, the City's engineering contractors conduct further verification. Through these reviews, the project has been confirmed to be compliant with ADA requirements.

Councillor Kazinskas asked a follow-up question regarding whether Maki Park is now complete, noting that some welding work still needs to be done and asking if the project will be complete for the next season once that work is finished.

Mayor Nicholson responded that once the welding is completed, the project will be fully complete at that time.

Councillor Kazinskas then asked whether the Mayor anticipates requesting any additional monetary appropriations from the Council for Maki Park.

Mayor Nicholson responded that he does not anticipate seeking any further appropriations.

President Tyros delivered remarks regarding the Maki Park project. He stated that his investigation into the project in the fall of 2024, along with its recommendations, revealed clear room for improvement. He affirmed that he stands by his vote on the original $180,000 appropriation and believes the original intent of the project was sound. He noted that the demolition of the Maki Block left an orphaned lot in the heart of the city, one that likely would not have served another commercial or municipal purpose for decades and that transforming it into a downtown asset for $180,000 initially appeared to be a good investment.

President Tyros emphasized that $180,000 was the only appropriation the Council was asked to approve. However, he stated that the final cost was close to three times that amount and that the project was years behind schedule for what should have been a relatively simple undertaking.

He outlined two key lessons for the Council moving forward. First, he stressed the need for more robust oversight whenever public funds are approved. He stated that the park as constructed is fundamentally different from the design presented to the Council for initial approval. He further noted that additional funds were expended due to delays and cost increases prior to his investigation, without disclosure of design changes, cost increases, or requests for Council approval of additional expenditures. He stated that such a process lacks transparency and is not an appropriate way to conduct city business.

Second, he emphasized that the financial shortcomings are as important to address as the regulatory and ADA compliance issues that initially brought attention to the project. He reiterated that additional funds were allocated to the project, including for accessibility improvements, without Council approval or notification. He characterized this as a failure of transparency rather than a mere paperwork error. He stated that had the project originally been presented as a half-million-dollar undertaking, he would have voted against it.

President Tyros concluded by stating that the Council must continue to insist on greater oversight, ask thorough and sometimes difficult questions, and require supporting documentation as part of its responsibility to taxpayers.

On a motion made by Councillor Ellizabeth Kazinskas and seconded by Councillor Craig Cormier, it was voted to place the update on file, *Report on the Investigation of the Maki Park Project*.

9 yeas, motion passes.

NEW BUSINESS

#11753

Councillor Brad Heglin spoke regarding the adoption of the Council Rules. He stated that, pursuant to Rule 20, the Council's rules are typically enforced for the duration of the session unless otherwise suspended. As such, the rules would normally continue in effect, and the Council is adopting them as is. He further explained that, given that the Council is reestablishing itself, he framed his motion as a temporary adoption. This approach allows members additional time to review the rules and provides the opportunity for a more formal discussion and debate should any changes be anticipated.

On a motion made by Councillor Brad Heglin and seconded by Councillor Aleksander Dernalowicz, it was voted on call of the roll, nine (9) yeas, President Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad

Heglin, Elizabeth Kazinskas, Paul Tassone, to temporarily adopt the rules until new rules are established.

COUNCIL COMMENTS AND REMARKS

Councillor Paul Tassone would like to recognize Cam Gamache who scored 1,000 for the boys' basketball team. Unfortunately, they lost the game, but it was a phenomenal game to be at.

President Tyros offered closing remarks, thanking Councillor Heglin for his kind words during the nomination process and expressing appreciation to his fellow Councillors for their vote of support. He stated that he looks forward to serving in the coming year as Council President and to the work ahead.

ADJOURNMENT

On a motion by Councillor Paul Tassone and seconded by Councillor Elizabeth Kazinskas, it was voted to adjourn at 8:00 p.m.

Accepted by the City Council:

DRAFT

Maki Park

Project Update + Financial Info

As of 1/5/2025

Project Update

- The site preparations for the concrete for the ramp began on Wednesday, November 5, and had continued through Thursday, November 13.
- On Monday, December 8, the contractor, Busy Bee, notified the engineering team at Tighe & Bond that the accessible table should be brought in that week and that the railings were sent out to be powder coated.
- There have been delays due to the weather, but the installation of the railings had been completed the week of December 15.
- The only remaining work is the installation/welding of the accessible tables on first tier of the park.

Comments on Park's ADA Compliance

Following concerns over the ADA compliance on Maki Park the following comments should be made:

- On October 16, 2024, a letter responding to Commissioner Zuppa's comments from Tighe & Bond was sent with their recommendation of the accessibility option. This option is the accessibility ramp that has now been constructed between the 1st and 2nd terrace.
- The project has included ADA compliant access to the 3rd terrace from the West Street parking area. The existing grades at location of the installed ramp within the bounds of the park meet grading requirements for proper accessibility.
- The building permit B-25-889 was issued prior to construction beginning and covered all relevant work for the park, necessary supporting documentation such as the site plans, response letters, and licenses from contractors were gathered and reviewed by the Building Department prior to issuing the permit.

Comments on Park's ADA Compliance (cont.)

- The inclusion of crushed stone dust was at the recommendation of Tighe & Bond, who responded in their October 16, 2024 letter saying
  "When properly installed, it is our opinion that stone dust is a stable, firm, and slip resistant material and it is widely used in outdoor applications where universal access is required."
- After reviewing the Bid Set Site Plans and Site Specifications, the Building Commissioner confirmed that the crushed stone dust when installed and maintained properly is compliant with 521 CMR.
  "As described and proposed, the stone dust surface may meet the minimum requirements of 521 CMR, subject to proper installation and inspection."
- On December 15, 2025, the Building Commissioner asked the engineering team to confirm that this additional work would correct the compliance issues, which Matt Wzorek confirmed on December 16 that in Tighe & Bond's opinion the additional work corrects the 521 CMR concerns raised at the park. No further relevant correspondence was given from the Building Commissioner.

Financials

Of the total funds for this project, the breakdown is as follows:

- $6,840.70 – Maki Park Exp Acct (Remaining funds)
- $18,253.44 – Park Street Park Project Exp (Remaining ARPA funds)
- $34,772.53 – Downtown Ph III Project Exp (Remaining ARPA funds)

Total Encumbered: $59,866.67

Total Contract Amount: $58,863.00

Docusign Envelope ID: 72ABDC88-8838-48C7-84F9-3838FFA38E80

Change Order
No. 5

Project: Maki Park Improvements Project	
Owner: City of Gardner	Owner's Contract No.:
Engineer: Tighe & Bond	Engineer's Project No.: G-0384-080
Contractor: Paxton Lawn Maintenance DBA Busy Bee Nursery	
Contractor's Address: 57 Broad Street, PO Box 109 Jefferson Ma 01522	

The Contract Documents are modified as follows upon execution of this Change Order:

Change in Contract Price:

Item No.	PCO No.	Item (See Attached Summary Description of Change)	Value
5-1	N/A	Accessible Ramp	$58,863.00
5-2	N/A	Time Extension	$0.00
		Total Value of this Change Order	$58,863.00
		Original Contract Price	$376,625.00
		Value of Previously Approved Change Orders	$26,414.53
		Contract Price Prior to this Change Order	$403,039.53
		Total Value of this Change Order	$58,863.00
		Contract Price Incorporating this Change Order	$461,902.53

Change in Contract Times: Description	Substantial Completion	Ready for Final Payment
Original Contract Times:	10/13/2023	11/10/2023
Total of Previous Contract Time Changes, add:	388 days	395 days
Change in Contract Time from this Change Order, add:	382 days	368 days
Contract Times with all Approved Change Orders: (date)	11/21/2025	12/12/2025

RECOMMENDED:
By: Matthew J. Wszrek
Matthew Wszrek, PE
Project Manager
Tighe & Bond, Inc.
Date: 8/11/2025

APPROVED:
By: Michael J. Nicholson
Michael J. Nicholson
Mayor
City of Gardner
Date: 8/18/2025

ACCEPTED:
By: Richard Lovely
Rick Lovely
President/Project Manager
Busy Bee Nursery
Date: 8/11/2025

Tighe&Bond

ORN 2026-01-505

REQUEST FOR TRANSFER BETWEEN SUB-ACCOUNTS

The Community Development and Planning Department requests that $ 59866.67 be transferred between the following accounts:

	ACCOUNT NAME	ACCOUNT NUMBER
Transfer From:	Maki Park Exp - City Portion	38182-58103
Transfer To:	Maki Park Exp - ARPA Funds	27010-58103-29205

The reason for this transfer request is: Return needed funds for Downtown Ph III project.

Department Head Signature: _____ Date: 9/10/2025

Transfer Recorded: City Auditor: John Richard Date: 09/10/2025

Please submit request in Duplicate. One to be returned to you after recorded.

NOTE: Transfers between Salary & Wages and Operating Expenditures or between Departments requires a Council Order.

Transfer of Appropriation
Reclass of Expenditure

REQUEST FOR TRANSFER BETWEEN SUB-ACCOUNTS

The Community Development and Planning Department requests that $ 20000.00 be transferred between the following accounts:

	ACCOUNT NAME	ACCOUNT NUMBER
TO: Transfer From:	Maki Park Expenses	27010-58103-29205
Transfer To: FROM:	DOWNTOWN PH III PROJECT EXP	27010-58110 – 29205

The reason for this transfer request is: Transfer to send the remaining ARPA funds to Maki Park project.

Department Head Signature: _____ Date: 9/10/2025

Transfer Recorded: City Auditor: John Richard Date: 09/10/2025

Please submit request in Duplicate. One to be returned to you after recorded.

NOTE: Transfers between Salary & Wages and Operating Expenditures or between Departments requires a Council Order.

Transfer of Appropriation
Reclass of Expenditure

ORN 2026-01-487

REQUEST FOR TRANSFER BETWEEN SUB-ACCOUNTS

The Community Development and Planning Department requests that $ 18,253.44 be transferred between the following accounts:

	ACCOUNT NAME	ACCOUNT NUMBER
TO: Transfer From:	F/B Parker Street Park Proj	38182-58110
Transfer TO: FROM:	Maki Park Expenses	27010-58103-29205

The reason for this transfer request is: Transfer to cover additional work for Maki Park

Department Head Signature: _____ Date: 8/22/2025

Transfer Recorded: City Auditor: John Richard Date: 08/22/2025

Please submit request in Duplicate. One to be returned to you after recorded.

NOTE: Transfers between Salary & Wages and Operating Expenditures or between Departments requires a Council Order.

Transfer of Appropriation

BUA 2026-01-488

REQUEST FOR TRANSFER BETWEEN SUB-ACCOUNTS

The Community Development and Planning Department requests that $ 14772.53 be transferred between the following accounts:

	ACCOUNT NAME	ACCOUNT NUMBER
Transfer From:	DOWNTOWN PH III PROJECT EXP	27010-58110 -29205
Transfer To:	Maki Park Expenses	27010-58103-29205

The reason for this transfer request is: Transfer to cover additional work for Maki Park

Department Head Signature: _____ Date: 8/22/2025

Transfer Recorded: City Auditor: John Richard Date: 08/22/2025

Please submit request in Duplicate. One to be returned to you after recorded.

NOTE: Transfers between Salary & Wages and Operating Expenditures or between Departments requires a Council Order.

Transfer of Appropriation
Reclass of Expenditure

Line	1				
Org	27010	FEDERAL GRANT REVENUE			
Object	58110	PARK STREET PARK PROJECT EXP			
Project	29205	ARPA/CLFRF GRANT			
Account	270 -000-010-58110 -29205				
Acct desc	DOWNTOWN PH III PROJECT EXP				
Line desc	TRANSFER APPROP TO SUB ACCTS				
Eff date	07/01/2025	Trans type	5	Budget year	2026
Ref1	TRANSF				
Ref2/3/4					TRANSFER
Amount	-14,772.53			Over budget	N

Account Inquiry [GARDNER, MA] > Account Detail > Journal Additional Comments

Line	2				
Org	27010	FEDERAL GRANT REVENUE			
Object	58110	PARK STREET PARK PROJECT EXP			
Project	29205	ARPA/CLFRF GRANT			
Account	270 -000-010-58110 -29205				
Acct desc	DOWNTOWN PH III PROJECT EXP				
Line desc	TRANSFER APPROP TO SUB ACCT				
Eff date	07/01/2025	Trans type	5	Budget year	2026
Ref1	TRANSF				
Ref2/3/4					TRANSFER
Amount	-20,000.00			Over budget	N

Account Inquiry [GARDNER, MA] > Account Detail > Journal Additional Comments

Line	2				
Org	27010	FEDERAL GRANT REVENUE			
Object	58103	MAKI PARK EXPENSES			
Project	29205	ARPA/CLFRF GRANT			
Account	270 -000-010-58103 -29205				
Acct desc	MAKI PARK EXPENSES				
Line desc	BEG BAL BUDGET				
Eff date	07/01/2025	Trans type	5	Budget year	2026
Ref1	BB BUD				
Ref2/3/4					BEGBAL BUD
Amount	6,840.70			Over budget	N

Account Inquiry [GARDNER, MA] > Account Detail > Journal Additional Comments

Line	28				
Org	38182	COMMUNTY DEVELOPMNT CAPITL EXP			
Object	58110	PARK STREET PARK PROJECT EXP			
Project					
Account	380 -100-182-58110 -				
Acct desc	PARK STREET PARK PROJECT EXP				
Line desc	FY26 BEG BUD BAL CARRY FORW				
Eff date	07/01/2025	Trans type	5	Budget year	2026
Ref1	BB BUD				
Ref2/3/4					BEGBAL BUD
Amount	18,253.44			Over budget	N

CITY OF GARDNER IN CITY COUNCIL

REGULAR MEETING OF JANUARY 20, 2026

Regular Meeting of the City Council was held in the City Council Chamber, Room 219, City Hall, on Tuesday evening, January 20, 2026

CALL TO ORDER

President George Tyros called the meeting to order at 7:30 o'clock p.m.

CALL OF THE ROLL

City Clerk Titi Siriphan called the Roll of Members. Eleven (11) Councillors were present including President George Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, (Councillor Elect) Judy Mack, Paul Tassone, and David Thibault-Muñoz.

ADMINISTRATIVE OF OATH OF OFFICE TO THOSE NOT PRESENT ON JANUARY 5, 2026, AT 10:00 AM

Clerk Siriphan administered the oath of office to Councillor-elect Judy Mack.

OPENING PRAYER

PLEDGE OF ALLEGIANCE

President Tyros led the Council in reciting the "Pledge of Allegiance".

OPEN MEETING RECORDING & PUBLIC RECORDS ANNOUNCEMENT

President Tyros announced to the assembly that the Open Meeting Recording and Public Records Announcement. Any person may make a video or audio recording of an open session of a meeting or may transmit the meeting through any medium subject to reasonable requirements of the chair as to the number placement and operation of equipment used so as not to interfere with the conduct of the meeting. Any person intending to make such recordings shall notify the Chair forthwith. All documents and exhibits used or referenced at the meeting must be submitted in duplicate to the chair as they become part of the meeting minutes pursuant to General Law Chapter 38 Section 20.

DRAFT

READING & ACCEPTANCE OF MINUTES

On a motion made by Councillor Elizabeth Kazinskas and seconded by Councillor Paul Tassone, it was voted, eleven (11) yeas, President George Tyros and Councillors Calvin Brooks, Craig Cormier, Aleksander Dernalowicz, Karen Hardern, Dana Heath, Brad Heglin, Elizabeth Kazinskas, Judy Mack, Paul Tassone, and David Thibault-Muñoz to waive the reading and accept the minutes of September 15, 2025, Regular Meeting, October 6, 2025, Regular Meeting, and October 20, 2025, Regular Meeting.

COMMUNICATIONS FROM THE MAYOR

#11761
On a motion made by Councilor Dana Heath and seconded by Councillor Elizabeth Kazinskas, it was voted to place on file, *Notice of Appointment of Rachel J. Roberts, to the position of Executive Secretary, for term expiring January 1, 2027*.

11 yeas, motion passes.

#11762
On a motion made by Councilor Dana Heath and seconded by Councillor Elizabeth Kazinskas, it was voted to place on file, *Notice of Appointment of Vincent Pusateri II, Esq., to the position of City Solicitor, for term expiring January 5, 2029*.

11 yeas, motion passes.

PETITIONS, APPLICATIONS, COMMUNICATIONS, ETC.

#11754
On a motion made by Councillor Judy Mack and seconded by Councillor Paul Tassone, it was voted to refer to Service Committee for further study and report and schedule a public hearing, *High Street – National Grid to Relocate 2 Jointly Owned Poles on High Street beginning at a point approximately 10' feet south of the centerline of the intersection of High Street and Newton Street and continuing approximately 120' feet in an east direction. Relocating P30 and P31 on High Street to alleviate clearance issues to new construction being built on Newton Street.*

11 yeas, motion passes.

DRAFT

REPORTS OF STANDING COMMITTEE
FINANCE COMMITTEE

#11685
Councillor Brad Heglin addressed the Council regarding *A Measure Declaring the Land located at 13-17 West Lynde Street, as Defined in the Attached Approval Not Required (ANR) Plan, as Surplus for the Purpose of Disposition*. He stated that the Finance Committee had met on the matter several times. During those meetings, it was explained that the Mayor had brought the item forward because he believed it made sense to declare the parcel surplus and dispose of it. Councillor Heglin noted that special permits attached to the property date back to the early 2000s, when the Planning Board granted special permits requiring that the municipal lot located behind 13–17 West Lynde Street be utilized as parking for the residents of that address. The permits further require that the City continue to maintain the lot, including repairs, paving, plowing, and related upkeep. As a result, the Mayor's position was that since the City is responsible for the expense of maintaining a lot that is primarily used by tenants of a privately owned building, the parcel should be disposed of. Councillor Heglin explained that the Finance Committee disagreed on two points. First, given the growing downtown and Rear Main Street development underway, the Committee felt the municipal lot was too valuable and that it would be risky to dispose of it. Second, the Committee was not fully satisfied with the response concerning the special permit issue related to the property. He concluded by reporting that the Finance Committee recommends that no action be taken on the item.

The item has been removed from the calendar.

#11764
Councillor Aleksander Dernalowicz informed the Council that the Finance Committee met on the item, with the Council President attending as an ex officio member to discuss the proposed changes. Councillor Dernalowicz noted that significant updates to the Council Rules had been made approximately a year ago under former President Kazinskas, and that the current proposal was largely a cleanup and refinement of those changes.

He explained that the proposed amendments primarily affect Rule 13, including adjustments to the responsibilities assigned to certain subcommittees. Specifically, changes were made to the Committee on Finance, the Committee on Appointments, and the Committee on Economic and Community Development. Vacancies were moved from the Finance Committee to the Appointments Committee. Additionally, several items such as zoning, industrial development, Zoning Board of Appeals matters, and Planning Board matters were reassigned to the Committee on Economic and Community Development. Councillor Dernalowicz stated that the Committee discussed these adjustments and agreed they would better align with the work currently being handled by those committees. He further noted a proposed amendment to Rule 14, requiring that committee reports be submitted to the City

Clerk by noon on Wednesday preceding a regular meeting. This change is intended to provide the Clerk's Office with additional time to prepare agendas and ensure readiness for the following week's meeting. Councillor Dernalowicz concluded by stating that the Finance Committee was in favor of the proposed changes and made a motion to pass the amended rules as presented in the Council's packet.

Councillor Brad Heglin offered an additional amendment to the proposed Council Rules. He moved to amend by adding a new rule, to be numbered as the next subsequent rule in the Council's Rules. The proposed rule states that no standing committee, subcommittee of a standing committee, or committee of the Council as a whole shall vote to refer any item to the Council that has not previously appeared on that committee's agenda at a prior meeting. He further specified that this rule may only be suspended by an affirmative vote of a majority of the Council and the Council President.

He stated that the amendment is intended to prevent conditional votes and situations where documents are received immediately prior to a meeting, resulting in committee action on items that may contain errors. He explained that having an item appear on a committee agenda at a prior meeting allows time to review materials, ensure accuracy, and confirm that everything is in order before a vote is taken. Councillor Heglin further noted that the process would encourage the Mayor and department heads to submit items to the Council earlier and bring potential issues to the Council's attention in advance. He expressed concern that the Council is not always kept fully informed when problems arise and that, too often, items are presented late with limited time for proper review, requiring the Council to address complex matters in a compressed timeframe.

Councillor Judy Mack spoke in response to the proposed amendment. She stated that she agreed with the concerns raised, noting that over the past year there has been an increasing number of items brought before standing committees and the full Council that were incomplete, containing multiple errors, or appeared to have been rushed through the process. She added that, in some instances, it was later discovered that matters had not been handled appropriately. Councillor Mack described the proposed amendment as a necessary stopgap measure to ensure that those submitting or preparing items take greater care to do so correctly. She emphasized that when items come before a standing committee or the full Council in Council Chambers, members must have the most accurate and complete information available. She concluded by stating that this standard has not consistently been met and that significant improvement is needed.

A brief recess was taken to allow the City Council to review the new rules.

On a motion made by Councillor Brad Heglin and seconded by Councillor Elizabeth Kazinskas, it was voted to amend the proposed rules submitted by Councillor Brad Heglin.

10 yeas, 1 nay, Councillor Calvin Brooks, motion passes for an amendment.

On a motion made by Councillor Brad Heglin and seconded by Councillor Elizabeth Kazinskas, it was voted to pass the City Council Rules as amended.

11 yeas, motion passes.

NEW BUSINESS

#11765
On a motion made by Councillor Elizabeth Kazinskas and seconded by Councillor Aleksander Dernalwicz, it was voted to adopt the resolution:

A RESOLUTION TO FILE AND ACCEPT GRANTS WITH AND FROM THE COMMONWEALTH OF MASSACHUSETTS, EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS FOR THE PARKLAND ACQUISITIONS AND RENOVATIONS FOR COMMUNITIES (PARC) PROGRAM FOR DEVELOPMENT OF OVILA CASE PLAYGROUND

WHEREAS: The land is dedicated to park and recreation purposes under M.G.L. Chapter 45, Section 3; and
WHEREAS: The City of Gardner is committed to improving the quality of life and recreational opportunities for all residents, and recognizes the importance of safe, accessible, and inclusive park facilities; and
WHEREAS: The Executive Office of Energy and Environmental Affairs (EOEEA) of the Commonwealth of Massachusetts offers reimbursable grants to municipalities through the Parkland Acquisitions and Renovations for Communities (PARC) Grant Program (301 CMR 5.00) to support the acquisition and development of parkland; and
WHEREAS: The City of Gardner seeks to file an application for grant funding under said PARC Program for the development and renovation of Ovila Case Playground, located on City-owned land, to replace outdated play structures and install new accessible and educational equipment designed for children ages 2 to 12,
consistent with the City's goals for equitable access and ADA compliance; and
WHEREAS: The equipment, removal of existing loam, installation of a 3-inch deep sub-base stone, 6 inches of rubber mulch, and installation will cost a total of three hundred and sixty

thousand and 00/100 dollars ($360,000) of which two hundred fifty two thousand nine hundred seventy two and 00/100 ($252,972) has been requested and, if awarded, will be reimbursable through the PARC Grant Program, an
additional one hundred eight thousand and 00/100 dollars ($108,000) has been appropriated through Gardner's City Council to serve as the grant's required match for this request; and
WHEREAS: The Mayor of the City of Gardner will accept grant funds under the PARC Grant Program (301 CMR 5.00) and the City of Gardner will borrow, appropriate, and expend up to three hundred and sixty thousand and 00/100 dollars ($360,000) for the development of Ovila Case Playground to be managed by the City Public Works Department, as open space parkland under Article 97 of the Amendments to the Constitution of the Commonwealth of Massachusetts, under their duty and responsibility to the care and custody of City parks and playgrounds.

NOW, THEREFORE, BE IT

1. That the Mayor, as the Chief Executive Officer of the City, be and is hereby authorized to file, on behalf of the City of Gardner, any and all applications deemed necessary for participation in the PARC Grant Program for the development of Ovila Case Playground; and
2. That the Mayor, as the Chief Executive Officer of the City, be and is hereby authorized to expend said funds, and to execute any and all contracts, agreements, and documents deemed necessary to carry out the purposes of this grant; and
3. That the City will comply with all applicable laws, regulations, and grant requirements associated with the Parkland Acquisitions and Renovations for Communities (PARC) Program; and
4. That this resolution shall take effect upon passage.

11 yeas, motion passes.

COUNCIL COMMENTS AND REMARKS

Councillor Brad Heglin would like to congratulate the students who were inducted into NHS tonight.

President George Tyros announced that he has held the requisite discussions with Councillors and non-Councillors regarding the various committees and boards for which the Council appoints representatives. He further announced that he will be sending a communication to the Council and the Mayor the following day identifying the individuals selected for those appointments.

ADJOURNMENT

On a motion by Councillor Paul Tassone and seconded by Councillor Craig Cormier, it was voted to adjourn at 8:08 p.m.

Accepted by the City Council:

DRAFT

CITY OF GARDNER IN CITY COUNCIL

JOINT CONVENTION OF JANUARY 20, 2026

Tuesday evening, January 20, 2026. The Joint Convention of the City Council and School Committee, held in the City Council Chamber, was called to order by Council President George Tyros at 7:15 p.m. for the purpose of appointing a Representative to the Montachusett Regional Vocational Technical School District Committee.

City Clerk Titi Siriphan called the Roll of Convention. Present were:

Members of the City Council (9)

Calvin D. Brooks
Aleksander Dernalowicz
Karen G. Hardern
Dana M. Heath
Brad E. Heglin
Elizabeth J. Kazinskas
Paul Tassone
David Thibault-Muñoz
George C. Tyros, President

Members of the School Committee (4)

Rachel Cormier
Paul Cormier
Anne F. Hurst
Jennifer Z. Pelavin

Councillors Craig Cormier and Judy A. Mack were absent.

School Committee members John Lafreniere and Robert Swartz were absent.

Council President George Tyros called for nominations from the floor.

Councillor Aleksander Dernalowicz nominated Eric Commodore.

On a motion by Councillor Paul Tassone and seconded by Councillor Elizabeth Kazinskas, it was voted to close nominations.

13 yeas, motion passes.

The City Clerk called the roll.

On Call of the Roll:

Councillor Calvin D. Brooks voting for Eric Commodore
Councillor Aleksander Dernalowicz voting for Eric Commodore
Councillor Karen G. Hardern voting for Eric Commodore

Councillor Dana M. Heath voting for Eric Commodore
Councillor Brad E. Heglin voting for Eric Commodore
Councillor Elizabeth J. Kazinskas voting for Eric Commodore
Councillor Paul Tassone voting for Eric Commodore
Councillor David Thibault-Muñoz voting for Eric Commodore
Councillor George C. Tyros voting for Eric Commodore
Rachel Cormier voting for Eric Commodore
Paul Cormier voting for Eric Commodore
Anne F. Hurst voting for Eric Commodore
Jennifer Z. Pelavin voting for Eric Commodore

Having received thirteen (13) votes, Eric Commodore was appointed Representative to the MONTACHUSETT REGIONAL VOCATIONAL TECHNICAL SCHOOL DISTRICT COMMITTEE for term expiring January 20, 2030.

On a motion by Paul Tassone and seconded by Councillor Dana Heath, it was voted viva voce to adjourn at 7:22 p.m.

Accepted by the City Council:

DRAFT

City of Gardner
Massachusetts

Certificate of Appointment

At at a Joint Convention of theCity Council and School Committee
held on the 20th day of January 2026

Eric Commodore

was appointed

Gardner Representative
To the Montachusett Regional Vocational
Technical School District Committee

for the term expiring the 20th day of January in the Year Two Thousand Thirty. Said action taken in accordance with the provisions of Section I(A) of the Montachusett Regional Vocational Technical School District Agreement.

Further, in accordance with the provisions of Section 107 of Chapter 41 of the General Laws of Massachusetts, **Eric Commodore** was administered the Oath of Office for the faithful perfomance of duties on the 20 day of January in the Year Two Thousand Twenty Six.

A true copy, Attest:

Received Eric D.

Titi Siriphan
City Clerk

TEAMSTERS UNION LOCAL 170

WORCESTER, MASSACHUSETTS

affiliated with the INTERNATIONAL BROTHERHOOD OF TEAMSTERS

Business Agents
Sean M. Foley
Elias M. Gillen
Kenneth Bergen
James D. Marks

Assistant Business Agent
Alyssa R. Duffy

SHANNON R. GEORGE
Secretary-Treasurer
Principal Executive Officer

Executive Board
John P. Reardon, President
Michael P. Davis, Vice-President
Thomas P. Lamothe, Recording Secretary
Brian P. Colonna, Trustee
Laura M. O'Keefe, Trustee
Salvatore Molinari, Trustee

Shawn C. Stevens, Organizer, Field Rep
Michael Belanger, Organizer

Jim Marks
Business Agent
330 Southwest Cutoff
Worcester, MA 01604
jmarks@teamsters170.com

3/11/26

City Council President and Members of the City Council
City of Gardner MA
95 Pleasant Street
Gardner, MA 01440

Dear Council President and Members of the City Council,
It has been brought to my attention that the City Council would like to participate in Union negotiations between the Teamsters (Department heads) and the City. I am writing to outline the reasons why members of the City Council cannot participate directly in collective bargaining or labor contract negotiations under Massachusetts law.

1. Collective Bargaining Authority Is Assigned to the Executive, Not the Legislative Body

Under **Massachusetts General Laws, Chapter 150E**, the responsibility to negotiate with public-sector unions rests with the **municipal employer**, which is represented operationally by the **chief executive officer or their designated bargaining representative**. In cities, that authority typically lies with the mayor or city manager—not the legislative body. City councils, as legislative entities, do not have a legal role at the bargaining table.
Direct council involvement in negotiations would exceed the statutory role defined under Ch. 150E, which clearly separates executive negotiation authority from legislative budget approval authority.

2. Council Participation Could Constitute an Unfair Labor Practice

If council members attempt to take part in bargaining discussions, it may be construed as "interference, restraint, or coercion" in the bargaining process, which is prohibited under Ch. 150E. The law requires the employer to negotiate through its designated representative. When individuals outside that designation seek to influence or participate in bargaining, it risks a legal challenge before the **Department of Labor Relations (DLR)**.

3. Maintaining the Integrity of the Legislative Role

City councils have an essential statutory responsibility: **to review, approve, or reject funding associated with a negotiated collective bargaining agreement**. This role is separate from negotiation itself. Participating directly at the bargaining table would compromise the council's neutrality and could be seen as a conflict of interest, as the body responsible for funding the final agreement cannot simultaneously act as a party to its negotiation.
Maintaining separation ensures transparency, fairness, and legal compliance.

4. Avoidance of Conflicts of Interest Under State Ethics Rules

Massachusetts conflict-of-interest laws emphasize that municipal officials must avoid situations where their involvement could improperly influence matters outside their delegated authority. Council participation in negotiations creates potential conflicts, as members may be viewed as acting beyond their legally defined legislative scope.

For these reasons, City Council participation in the negotiation process would be inconsistent with Massachusetts law and could expose the municipality to legal and administrative risk. The appropriate path is for collective bargaining to be conducted exclusively by the designated executive representative, with the Council performing its proper oversight and funding responsibilities once an agreement is reached.

Thank you for your attention to this matter.
Sincerely,

James Marks
Business Agent
Teamsters Union Local 170

11654

11654

August 21, 2025

RECEIVED
2025 AUG 21 P 2:12
CITY CLERK'S OFFICE
GARDNER, MA

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Duncan Burns*** *to the position of* ***Member, Conservation Commission*** *and I certify that in my opinion he/she is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

Mayor

Michael J. Nicholson

Confirmed by City Council _____

_____ City Clerk

Titi Siriphan

Expires: August 21, 2028

Worcester, ss., _____

Then personally appeared the above named ***Duncan Burns*** *and made oath that he/she would faithfully and impartially perform the duties of the office of* **Member, Conservation Commission** *according to law and the best of his/her abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Member

Department/Board/Commission: Conservation Commission

Term Length: 3 years

Compensation:

Paid/Stipend: Yes

Amount: $750/yr (member Stipend)

Appointment Type: Reappointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Mayor and the Conservation Commission

Position Summary: Oversees conservation projects and the enforcement of the Wetlands Protection Act and Ordinance in accordance with the General Laws and City Code.

SECTION 2: Appointee Information

Name of Appointee: Duncan Burns

Statement of Qualification:

Mr. Burns has been serving on the City's Conservation Commission for several years, and has been very involved in the hands-on portions of the job, particularly with site visits and continuing education for the position. He was a local business owner in Gardner for years, as the owner of Burns Locksmith Company and has remained active in his role on the Conservation Commission and in other parts of the City as well.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? N/A

City Employee Handbook received and signed? N/A

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

RECEIVED
2026 JAN -6 P 3:11
CITY CLERK'S OFFICE
GARDNER, MA

December 11, 2025

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Linda Rice*** *to the position of* ***Member, Historical Commission*** *and I certify that in my opinion she is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

Mayor

Michael J. Nicholson

Confirmed by City Council : _____

_____ City Clerk

Titi Siriphan

Expires: December 11, 2028

Worcester, ss., _____

Then personally appeared the above named ***Linda Rice,*** *and made oath that she would faithfully and impartially perform the duties of the office of* ***Historical Commissioner*** *according to law and the best of her abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

Linda M. Rice

November 10, 2025

Honorable Michael J. Nicholson
95 Pleasant Street
Room 125
Gardner, MA 01440

Re: The Gardner Historical Commission

Dear Mayor Nicholson,

I would like your consideration for appointment to The Gardner Historical Commission.

I have lived in Gardner for 49 years. During this time I have served as former Principal of Prospect School as well as Sacred Heart School, President of the Gardner College Club, and a charter member of the Gardner Museum, Inc. From participating in these organizations, I learned about the history of Gardner from knowledgeable people like Mrs. Esther Moore, Warren Sinclair, Dr. David Russell, and Reverend Donald H. Baker.

My interest in historical preservation began as a young adult when my great-uncle wrote our family genealogy. I continue to maintain our family history to this day. When I attended Fitchburg State University, my major was Elementary Education and my minor was in Social Studies/Political Science with specialization in American History.

My intent as a member of the Gardner Historical Commission will be to assist in the preservation and protection of the historical assets of Gardner MA.

Sincerely,
Linda M. Rice

SECTION 1: Position Details

Position Title: Member

Department/Board/Commission: Historical Commission

Term Length: 3 years

Compensation:

Paid/Stipend: No

Amount: Volunteer

Appointment Type: Appointment

Gardner Residency Requirement: No

Reporting Structure: Reports to the Mayor and the Historical Commission

Position Summary:

The Gardner Historical Commission was established in 1973 for the preservation, protection and development of the historical and archaeological assets of the City of Gardner. The Historical Commission conducts research for places of historic or archaeological value, cooperates with the state archaeologist in conducting such research or other surveys, and seeks to coordinate the activities of other entities organized for similar purposes. For the purpose of protecting and preserving such places, the Commission may take such recommendations as it deems necessary to the city council and, subject to the approval of the city council, to the Massachusetts historical commission, that any such place be certified as a historical or archaeological landmark.

SECTION 2: Appointee Information

Name of Appointee: Linda Rice

Statement of Qualification: Linda has been a resident of Gardner for almost 50 years. Her passion for local history began after reading her great-uncle's written family genealogy as a young girl. She has been an active member of the community serving as Principal of Prospect and Sacred Heart Schools, President of the Gardner College Club, and charter member of the Gardner Museum, Inc. Linda will bring great experience and dedication to the Historical Commission.

SECTION 3: Administrative & Compliance Review

HR and Policy Training:

Initial HR training and orientation completed? Yes

Annual HR training completed? N/A

City Employee Handbook received and signed? N/A

Background check completed? Yes

Conflict of Interest: No

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

RECEIVED
2026 JAN -6 P 3:42
CITY CLERK'S OFFICE
GARDNER, MA

December 11, 2025

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Marcia White*** *to the position of* ***Member, Historical Commission*** *and I certify that in my opinion she is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

Mayor

Michael J. Nicholson

Confirmed by City Council : _____

_____ City Clerk

Titi Siriphan

Expires: December 11, 2028

Worcester, ss., _____

Then personally appeared the above named ***Marcia White,*** *and made oath that she would faithfully and impartially perform the duties of the office of* ***Historical Commissioner*** *according to law and the best of her abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

November 22, 2025

Michael Nicholson
Mayor, City of Gardner
City Hall
95 Pleasant Street
Gardner, MA 01440

Dear Mayor Nicholson,

I am writing to request you to consider me for appointment to the Gardner Historical Commission.

I have resided in Gardner my entire life and am the 4th or 5th generation of my family to do so. Over the years I have developed a strong interest in the history of the city, its people and preservation of its buildings. Over the past few months I have attended and participated in meetings of the Historical Commission. I believe my position as a local history librarian and genealogist at the Levi Heywood Memorial Library, and knowledge of its holdings and resources, would be an asset to the Commission and its mission of preservation of buildings and spaces, be it pubic, private or commercial. I am willing to devote my time and knowledge to the Commission.

Please feel free to contact me at 978-632-8436 if you have any questions or to arrange an interview. Thank you for your consideration of my application.

Sincerely,

Marcia J. White

Marcia J. White

[redacted]

SECTION 1: Position Details

Position Title: Member

Department/Board/Commission: Historical Commission

Term Length: 3 years

Compensation:

Paid/Stipend: No

Amount: Volunteer

Appointment Type: Appointment

Gardner Residency Requirement: No

Reporting Structure: Reports to the Mayor and the Historical Commission

Position Summary:

The Gardner Historical Commission was established in 1973 for the preservation, protection and development of the historical and archaeological assets of the City of Gardner. The Historical Commission conducts research for places of historic or archaeological value, cooperates with the state archaeologist in conducting such research or other surveys, and seeks to coordinate the activities of other entities organized for similar purposes. For the purpose of protecting and preserving such places, the Commission may take such recommendations as it deems necessary to the city council and, subject to the approval of the city council, to the Massachusetts historical commission, that any such place be certified as a historical or archaeological landmark.

SECTION 2: Appointee Information

Name of Appointee: Marcia White

Statement of Qualification: Marcia is a lifelong Gardner resident whose family has resided in Gardner for several generations. While not officially on the board, she has attended and participated in many historical commission meetings. She developed a strong interest in the City's history over the last several years and has served as the local history librarian and genealogist at the Levi Heywood Memorial Library. She will bring dedicated and spirited service to the commission.

SECTION 3: Administrative & Compliance Review

HR and Policy Training:

Initial HR training and orientation completed? Yes

Annual HR training completed? N/A

City Employee Handbook received and signed? N/A

Background check completed? Yes

Conflict of Interest: No

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

December 11, 2025

RECEIVED
2026 JAN -6 P 3:12
CITY CLERK'S OFFICE
GARDNER, MA

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Ottavio Canu*** *to the position of* ***Member, Historical Commission*** *and I certify that in my opinion he is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

Mayor

Michael J. Nicholson

Confirmed by City Council :_____

_____City Clerk

Titi Siriphan

Expires: December 11, 2028

*Worcester, ss.,*_____

Then personally appeared the above named ***Ottavio Canu,*** *and made oath that he would faithfully and impartially perform the duties of the office of* ***Historical Commissioner*** *according to law and the best of his abilities.*

Before me,

_____*City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

11759

Oct. 20/25

Dear Mayor Nicholson:

I am writing to ask you to consider me for an appointment to the Gardner Historical Commission.

In brief, I am a lifelong resident of Gardner with a passion for local history and genealogy. In the past few months, I have attended and participated in meetings of the Historical Commission and find myself with a renewed interest and passion for recording and preserving our shared history for the present and for generations to come. I believe my knowledge of the community would be an asset to the Commission's mission. I am retired, having been a carpenter since 1970 and member of the United Brotherhood of Carpenters and Joiners of America, and am willing to devote my time and talents to the Commission.

Please feel free to contact me at 978-895-2436 with any questions or to arrange an interview with you. Thank you very much for your consideration of my application.

Sincerely, Ottavio Canu

Ottavio Canu

[redacted]

SECTION 1: Position Details

Position Title: Member

Department/Board/Commission: Historical Commission

Term Length: 3 years

Compensation:

Paid/Stipend: No

Amount: Volunteer

Appointment Type: Appointment

Gardner Residency Requirement: No

Reporting Structure: Reports to the Mayor and the Historical Commission

Position Summary:

The Gardner Historical Commission was established in 1973 for the preservation, protection and development of the historical and archaeological assets of the City of Gardner. The Historical Commission conducts research for places of historic or archaeological value, cooperates with the state archaeologist in conducting such research or other surveys, and seeks to coordinate the activities of other entities organized for similar purposes. For the purpose of protecting and preserving such places, the Commission may take such recommendations as it deems necessary to the city council and, subject to the approval of the city council, to the Massachusetts historical commission, that any such place be certified as a historical or archaeological landmark.

SECTION 2: Appointee Information

Name of Appointee: Ottavio Canu

Statement of Qualification: Ottavio is a lifelong resident of Gardner with a passion for local history. While not an official member, he has been an active participant with the Historical Commission. He is currently retired and has expressed interest in not only serving on the Commission, but assisting in furthering it's efforts in any way he can.

SECTION 3: Administrative & Compliance Review

HR and Policy Training:

Initial HR training and orientation completed? Yes

Annual HR training completed? N/A

City Employee Handbook received and signed? N/A

Background check completed? Yes

Conflict of Interest: No

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

January 13, 2026

RECEIVED
2026 FEB -9 A 8:48
CITY CLERK'S OFFICE
GARDNER

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Jason Stevens*** *to the position of* ***Director of Community Development & Planning,*** *and I certify*
that in my opinion he/she is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.

Mayor
Michael J. Nicholson

Confirmed by City Council _____

_____ City Clerk
Titi Siriphan

Expires: January 13, 2029

Worcester, ss., _____

Then personally appeared the above named **Jason Stevens** *and made oath that he/she would faithfully and impartially perform the duties of the office of* **Director of Community Development & Planning** *according to law and the best of his/her abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Director

Department/Board/Commission: Department of Community Development and Planning

Term Length: 3 year

Compensation:

Paid/Stipend: yes

Amount: $103,886.86

Appointment Type: Re-appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Mayor

Position Summary:

Oversees the operations of the Department of Community Development and Planning, the City's Community Development Block Grant projects and funds, and the development projects performed by the City.

SECTION 2: Appointee Information

Name of Appointee: Jason Stevens

Statement of Qualification:

Mr. Stevens has served as the City's Director of Community Development and Planning for just over a year now. In his year as Director, I have truly been impressed by the work he has done to modernize the department, clean up issues of the past, restore accountability to the department's work, and push the City and its projects forward. Having Mr. Stevens in the role has truly been one of the best things for the City, and I could not be happier with the work he has done. Prior to coming to the City, he served as the Marketing Director for the Greater Boston Chamber of Commerce.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

January 13, 2026

RECEIVED
2026 FEB -9 A 8:48
CITY CLERK'S OFFICE
GARDNER

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Melissa MacDonald*** *to the position of* ***Building Commissioner,*** *and I certify that in my opinion he/she is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

Mayor

Michael J. Nicholson

Confirmed by City Council _____

_____ City Clerk

Titi Siriphan

Expires: January 13, 2027

Worcester, ss., _____

Then personally appeared the above named **Melissa MacDonald** *and made oath that he/she would faithfully and impartially perform the duties of the office of* **Building Commissioner** *according to law and the best of his/her abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Commissioner

Department/Board/Commission: Building Department

Term Length: 1 year

Compensation:

Paid/Stipend: yes

Amount: $87,908.74

Appointment Type: New appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Mayor

Position Summary:

Oversees the operations of the Building Department and City Facilities

SECTION 2: Appointee Information

Name of Appointee: Melissa MacDonald

Statement of Qualification:

Commissioner MacDonald recently completed her probationary period with the City. During this time, she has worked to clean up a lot of issues that existed in the Building Department and hired the staff needed to run the department in an efficient manner. She has made many recommendations to improve departmental efficiencies and improve the services that are provided to the public.
She holds her certified building official certification from the Commonwealth.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

December 11, 2025

RECEIVED
2026 [illegible]
CITY CLERK'S OFFICE
GARDNER, MA

Commonwealth of Massachusetts

Worcester County — **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Christopher J. Black*** *to the position of* ***Police Officer*** *and I certify that in my opinion he is a person specially fitted by education, training, or experience to perform the duties of said office, and that I make the appointment solely in the interests of the City.*

_____ *Mayor*
Michael J. Nicholson

Confirmed by City Council : _____

_____ City Clerk
Titi Siriphan

Expires: PERMANENT

Worcester, ss., _____

Then personally appeared the above named ***Christopher J. Black,*** *and made oath that he would faithfully and impartially perform the duties of the office of* ***Police Officer*** *according to law and the best of his abilities.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Police Officer

Department/Board/Commission: Police Department

Term Length: Permanent (MGL)

Compensation:

Paid/Stipend: paid

Amount: Union Contract Step Scale

Appointment Type: New appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Police Chief

Position Summary:

Operates in a law enforcement capacity for the City, its residents, and guests, in accordance with the General Laws of the Commonwealth

SECTION 2: Appointee Information

Name of Appointee: Christopher Black

Statement of Qualification:

Chris graduated from the Fitchburg State Police Program in September 2025. The program is relatively new and puts candidates on a track as a freshmen to graduate with a bachelor's degree and then move directly into the police academy. Chris is the first police officer from that program. Chris has completed his field training program and is currently assigned to the overnight shift. He lives in Gardner with his wife. He is a graduate of both Narragansett Regional High School and Fitchburg State University. Chris has been an excellent addition and is progressing well.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

RECEIVED
2026 FEB 12 A 10:

February 9, 2026

Commonwealth of Massachusetts

Worcester County ***City of Gardner***

CERTIFICATE OF APPOINTMENT

I appoint ***Michael King,*** *to the position of* ***Police Officer,*** *of the Gardner Police Department and I certify that in my opinion he is a person specially fitted by education, training, or experience to perform the duties of said office and that I make the appointment solely in the interests of the City.*

_____ *Mayor*
Michael J. Nicholson

Confirmed by City Council: _____

_____ City Clerk
Titi Siriphan

Expires: Permanent

Worcester, ss., _____ 2026

Then personally appeared the above-named ***Michael King*** and *made oath that he would bear true faith and allegiance to the United States of America and the Commonwealth of Massachusetts and would support the Constitution and laws thereof.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Police Officer

Department/Board/Commission: Police Department

Term Length: Permanent (MGL)

Compensation:

Paid/Stipend: paid

Amount: Union Contract Step Scale

Appointment Type: New appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Police Chief

Position Summary:

Operates in a law enforcement capacity for the City, its residents, and guests, in accordance with the General Laws of the Commonwealth

SECTION 2: Appointee Information

Name of Appointee: Michael King

Statement of Qualification:

Michael recently graduated the Western Massachusetts Police Academy in December 2025. He is currently in the field training program and doing very well according to his field training officers. Michael will be finishing the field training program in the next two weeks and will be assigned a permanent shift at that time. Michael lives in Gardner with his wife and three children.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

RECEIVED
2026 FEB 17 A
CITY CLERK'S OFFICE
GARDNER, MA

February 17, 2026

Commonwealth of Massachusetts

Worcester County **City of Gardner**

CERTIFICATE OF APPOINTMENT

I appoint ***Ryan Coates,*** *to the position of* ***Sergeant,*** *of the Gardner Police Department and I certify that in my opinion he is a person specially fitted by education, training, or experience to perform the duties of said office and that I make the appointment solely in the interests of the City.*

_____ *Mayor*
Michael J. Nicholson

Confirmed by City Council: _____

_____ City Clerk
Titi Siriphan

Expires: Permanent

Worcester, ss., _____ 2026

Then personally appeared the above-named ***Ryan Coates*** *and made oath that he would bear true faith and allegiance to the United States of America and the Commonwealth of Massachusetts and would support the Constitution and laws thereof.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Police Sergeant

Department/Board/Commission: Police Department

Term Length: Permanent (MGL)

Compensation:

Paid/Stipend: paid

Amount: Union Contract Step Scale

Appointment Type: New appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Police Chief

Position Summary:

Operates in a law enforcement capacity for the City, its residents, and guests, in accordance with the General Laws of the Commonwealth. Provides supervisory authority over patrol officers of the Gardner Police Department.

SECTION 2: Appointee Information

Name of Appointee: Ryan Coates

Statement of Qualification:

Sgt. Coates has been with the Gardner Police Department since 2014. During his time with the Gardner Police Department, he has been a large asset for the City. He served for several years in the Detective Bureau of the Police Department, leading the units narcotics operations with his membership in the HIDTA DEA taskforce.

His promotion is one of the last promotions to utilize the former Civil Service list, as was agreed to by the collective bargaining units when the City removed the Police Dept from civil service a few years ago.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

RECEIVED
2026 FEB 17 A 9:19
CITY CLERK'S OFFICE
GARDNER, MASS.

February 17, 2026

Commonwealth of Massachusetts

Worcester County ***City of Gardner***

CERTIFICATE OF APPOINTMENT

I appoint ***Derek Wight,*** *to the position of* ***Police Officer,*** *of the Gardner Police Department and I certify that in my opinion he is a person specially fitted by education, training, or experience to perform the duties of said office and that I make the appointment solely in the interests of the City.*

_____ *Mayor*
Michael J. Nicholson

Confirmed by City Council: _____

_____ City Clerk
Titi Siriphan

Expires: Permanent

Worcester, ss., _____ 2026

Then personally appeared the above-named ***Derek Wight*** *and made oath that he would bear true faith and allegiance to the United States of America and the Commonwealth of Massachusetts and would support the Constitution and laws thereof.*

Before me,

_____ *City Clerk*

Chapter 303 Acts of 1975
and
Chapter 409 Acts of 1983

Received _____

SECTION 1: Position Details

Position Title: Police Officer

Department/Board/Commission: Police Department

Term Length: Permanent (MGL)

Compensation:

Paid/Stipend: paid

Amount: Union Contract Step Scale

Appointment Type: New appointment

Gardner Residency Requirement: No

Reporting Structure: e.g., Reports to the Police Chief

Position Summary:

Operates in a law enforcement capacity for the City, its residents, and guests, in accordance with the General Laws of the Commonwealth. Provides supervisory authority over patrol officers of the Gardner Police Department.

SECTION 2: Appointee Information

Name of Appointee: Derek Wight

Statement of Qualification:

Officer Wight recently graduated from the Massachusetts Police Academy and is in the midst of his field training with the Gardner Police Department, in which he shadows a long term officer for a period of 10-weeks. During his time in the academy and his training, I have received strong reports on his performance from Chief McAvene and his peers and believe him to be a great addition to the department.

SECTION 3: Administrative & Compliance Review

HR and Policy Training

Initial HR training and orientation completed? Yes

Annual HR training completed? yes

City Employee Handbook received and signed? yes

Background check completed? Yes

Conflict of Interest

Any known conflicts under M.G.L. c. 268A? No

Open Meeting Law & Public Records Requirements

Training materials received? Yes

SECTION 4: Signatures & Certification

Mayor's Certification: I hereby certify that the information provided above is accurate to the best of my knowledge and that this appointment has been made in the best interest of the City of Gardner.

Signature:

City of Gardner - ***Executive Department***

Mayor Michael J. Nicholson

February 5, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Ordinance to Amend Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule," by adding a new Section 10 to cover temporary positions

Dear Mr. President and Councilors,

During conversations with Director Morse, it was brought to my attention that in the past, there had been situations where positions that are normally covered under various collective bargaining agreements have had to be temporarily filled due to vacancy, absence, illness, injury, etc.

When a full-time position is hired by these positions, their rate of compensation is covered by their respective collective bargaining agreements. However, part-time, temporary, seasonal, and intermittent staff are not covered by these agreements as they are ineligible for union membership under those classifications. As a result, these temporary positions do not have a documented rate of pay, leaving the City to have to hire these employees at 1099 contractors rather than employees.

The attached proposal seeks to rectify this by adding language to the Non Union Compensation ordinance stating that these positions would be paid the same rate of pay as those covered in the collective bargaining agreement for that position on a regular basis.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

An Ordinance to Amend Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule" to add a new Section 10, regarding Temporary Positions.

Be it ordained by the City Council of the City of Gardner as follows:

SECTION 1: That a new Section 10 be added to Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule," to read as follows:

> Section 10: In the event the City hires a temporary employee - due to illness, injury, absence, vacancy, or other purpose - to cover the duties of a positions that falls under a collective bargaining contract, the temporary employee shall be paid at the rate listed in the collective bargaining contract for that position.

SECTION 2: That this ordinance take effect upon passage and publication as required by law.

City of Gardner - ***Executive Department***

Mayor Michael J. Nicholson

February 5, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Ordinance to Amend Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule."

Dear Mr. President and Councilors,

At the February 2nd, 2026, meeting of the City Council, I informed the City Council of certain changes that the Administration would be proposing for the newly updated Non-Union Compensation Schedule Ordinance.

Those changes are reflected in the attached ordinance amendment proposal.

I also want to note that the language of the ordinance did already address the June 1st, 2026, effective start day for the lifeguards, so this did not need to be amended.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

An Ordinance to Amend the Code of the City of Gardner, Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule."

Be it ordained by the City Council of the City of Gardner as follows:

SECTION 1: That the following positions be removed from Exhibit E of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Non-Union Compensation Schedule":

- Veteran's Director
- Council on Aging Director
- Purchasing Agent/Civil Enforcement Director
- City Auditor
- Director of Community Development and Planning

SECTION 2: That the schedule listed in Attachment 1 of this ordinance be added to Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Primary Non-Union Compensation Schedule."

SECTION 3: That Section 3C of Exhibit F of Attachment 1 of Chapter 8 of the Code of the City of Gardner, thereof entitled "Golf Course Staff," be stricken and replaced with the schedule listed in Attachment 2 of this ordinance.

SECTION 4: That this ordinance shall take effect upon passage and publication as required by law.

Attachment 1

Position	Group	Starting Salary	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7
		Less than 3	3 Years	6 Years	9 Years	12 Years	15 Years	18 Years	21 Years
Department Heads and Senior Supervisory Staff			3.25%	3.25%	3.25%	3.25%	3.25%	3.25%	3.25%
Director Veterans Services	1A	$70,656.50	$72,952.84	$75,323.80	$77,771.83	$80,299.41	$82,909.14	$85,603.69	$88,385.81
COA Director	1A	$65,000.00	$67,112.50	$69,293.66	$71,545.70	$73,870.94	$76,271.74	$78,750.57	$81,309.97
Purchasing Director	1A	$83,925.00	$86,652.56	$89,468.77	$92,376.51	$95,378.74	$98,478.55	$101,679.10	$104,983.68
Community Development Director	1A	$103,886.00	$107,262.30	$110,748.32	$114,347.64	$118,063.94	$121,901.02	$125,862.80	$129,953.34
City Auditor	1B	$90,000.00	$92,925.00	$95,945.06	$99,063.28	$102,282.83	$105,607.03	$109,039.25	$112,583.03

Attachment 2

			Pay Grade	Starting Salary	Step 1	Step 2	Step 3	Step 4	Step 5
			Years of Service	Less than 1	1 Year	2 Years	3 Years	4 Years	5 Years
			% Increase		1.50%	1.50%	1.50%	1.50%	1.50%
Hourly Staff									
Golf Course Staff									
Mechanic	3C			$21.75	$22.08	$22.75	$23.09	$23.75	$24.11
Grounds Maintenance Worker	3C			$21.75	$22.08	$22.75	$23.09	$23.75	$24.11

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 5, 2026

George C. Tyros
President
Gardner City Council
95 Pleasant Street
Gardner, MA 01440

RE: Donation Acceptance Order – Gardner Community Action Team

Dear Mr. President and Councilors,

As you are aware, Massachusetts General Laws require the City Council vote to accept all donations made to the City on a periodic basis.

The attached documentation requests acceptance of all donations made to the Gardner Community Action Team in calendar year 2025. We greatly appreciate the generosity of all who have donated to the City's departments and programs throughout the year.

Please do not hesitate to reach out with any questions.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

ACCEPTANCE OF DONATIONS AND GIFTS
TO THE GARDNER COMMUNITY ACTION TEAM

VOTED: That the City of Gardner is authorized to accept certain donations and gifts for use by the GCAT Program in their various programs, said acceptance in accordance with the provisions of Chapter 44, Section 53A½ of the General Laws.

11782

GARDNER, MA

G/L ACCOUNT DETAIL

Org: 21512 Object: 44140
HEALTH PREV TRAINING FEE REV 210 -500-512-44140 -

YEAR	PER	JOURNAL	EFF DATE	SRC	T	PO/REF2	REFERENCE	AMOUNT	P	CHECK NO	WARRANT	VDR NAME/ITEM DESC	COMMENTS
2025	12	415	06/30/2025	CRP	1	1926161		-250.00	Y		0	TURNOVER	BOH 25-16
2025	12	241	06/30/2025	CRP	1	1924005		-750.00	Y		0	TURNOVER	BOH 25-15
2025	12	91	06/30/2025	CRP	1	1922328		-250.00	Y		0	TURNOVER	BOH 25-15
2025	11	156	05/31/2025	CRP	1	1918394		-400.00	Y		0	TURNOVER	BOH 25-14
2025	09	272	03/31/2025	CRP	1	1904175		-400.00	Y		0	TURNOVER	BOH 25-11
2025	09	194	03/31/2025	CRP	1	1902720		-400.00	Y		0	TURNOVER	BOH 25-11
2025	09	141	03/31/2025	CRP	1	1901696		-700.00	Y		0	TURNOVER	BOH 25-1
2025	08	200	02/28/2025	CRP	1	1892767		-500.00	Y		0	TURNOVER	BOH 25-10
2025	08	155	02/28/2025	CRP	1	1889621		-28.00	Y		0	TURNOVER	BOH 25-10
2025	04	229	10/31/2024	CRP	1	1858177		-1,000.00	Y		0	TURNOVER	BOH 25-43
2025	03	89	09/30/2024	CRP	1	1852157		-250.00	Y		0	TURNOVER	BOH 25-28
2025	02	260	08/31/2024	CRP	1	1850446		-250.00	Y		0	TURNOVER	BOH 25-22
2025	01	132	07/31/2024	CRP	1	1837749		-300.00	Y		0	TURNOVER	

Total Amount: -5,478.00

** END OF REPORT - Generated by Jackie Leger **

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 17, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: A Measure Accepting the FY2027 Capital Improvement Plan

Dear Mr. President and Councilors,

As required by Section 8 of Chapter 7 of the Code of the City of Gardner, I hereby submit the Capital Improvement Planning Committee's recommendation for the FY2027 Capital Improvement Plan for the City Council's acceptance and ratification.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

ACCEPTANCE OF FY 2027 CAPITAL IMPROVEMENT PLAN

VOTED: That the City of Gardner is authorized to accept the Fiscal Year 2027 Capital Improvement Plan as presented by the Capital Improvement Planning Committee.

ENGINEERING DEPARTMENT
CITY OF GARDNER
50 Manca Drive, Gardner MA 01440

Robert E. Oliva, City Engineer
Telephone (978) 630-8195
roliva@gardner-ma.gov

February 12, 2026

Mayor, City of Gardner
City Hall - 95 Pleasant Street
Gardner, MA 01440

Dear Mayor Nicholson,

On behalf of the Capital Improvement Planning Committee, please accept this report for the Fiscal Year, 2027. We have met and deliberated according to the requirements of Ordinance Chapter 7-8 of the Code of the City of Gardner, have analyzed capital improvement requests and highlighted a list of 28 projects/items. Our recommendations are included herein.

The Committee has also updated the 5-year Capital Improvement Plan, including requests from the various department heads of the City government. The Committee appreciates this opportunity to serve the City of Gardner and is available to answer any questions and discuss the recommendations presented herein at your convenience.

Sincerely,

Robert E. Oliva
City Engineer

Cc: George Tyros – Council President
c/o Titi Siriphan - City Clerk

11790

ENGINEERING DEPARTMENT
CITY OF GARDNER
50 Manca Drive, Gardner MA 01440

Robert E. Oliva, City Engineer
Telephone (978) 630-8195
roliva@gardner-ma.gov

March 9, 2026

Mayor, City of Gardner
City Hall - 95 Pleasant Street
Gardner, MA 01440

Dear Mayor Nicholson,

On behalf of the Capital Improvement Planning Committee, please accept this amended CIP Report for the Fiscal Year, 2027. The Committee has conducted a second meeting to consider two additional project requests. These projects have been added to the original list of recommended projects as voted on by the Committee. The two projects have been noted as being added to the amended report.

The Committee appreciates this opportunity to serve the City of Gardner and is available to answer any questions and discuss the recommendations presented herein at your convenience.

Sincerely,

Robert E. Oliva
City Engineer

Cc: George Tyros – Council President
c/o Titi Siriphan - City Clerk

FY2027 Report of the Capital Improvement Planning Committee

Amended March 9, 2026

The Capital Improvement Planning Committee (the Committee) has met as specified by Ordinance Part III, Chapter 7-8 of the Code of the City of Gardner. This document is the report and the recommendations of the Committee for Fiscal Year 2027.

Capital projects are defined as expenditures over $25,000 and with a useful life greater than five years. Smaller projects normally funded by a department's annual budget could be combined to reach the $25,000 threshold, but only if the combination is justified for reasons other than convenience.

Capital project and equipment requests received from City Departments were reviewed to ensure they met the definition and were then prioritized to develop a recommended list. For FY2027 the Committee again requested that all project requests be made on a "Capital Improvement Project Request Form". The form requires relevant project information to be included with the request including, but not limited to project title, requesting department, category, priority, useful life, project description, and cost.

A total of nearly **$13 million** (excluding Enterprise account requests) in projects was submitted for FY2027. For the 5 year Capital Planning period a total of more than $91 million in projects was submitted. Table 1 is a list of projects for FY2027 to FY2031 submitted. The project request forms submitted to the Committee are attached to Table 1.

The Committee discussed the fiscal constraints the City is currently under and considered how capital projects could be funded. Based on these discussions, the Committee makes the following recommendations:

1. **The goal of spending on capital improvements/debt service should remain 5% of the general fund budget.**

   Using the general fund budget for FY2027, which is estimated at approximately **$95 million**, a 5% spending goal would be **$4.75 million**. This amount is typically used for both capital expenditures and bond repayment. Due to our emphasis on capital improvements, the rate of capital spending has increased over the last several years; however, the City must strive to keep up with the deterioration or depreciation of its capital assets and therefore should continue emphasis on repairs and extraordinary maintenance to keep older assets in working order. The goal is to eliminate crisis spending on emergency repairs. The Committee wishes to acknowledge the improvement in this regard and encourages the City to continue this good stewardship.

2. The highest priority projects for FY2027:

Department	Project ID	Project Title	Cost
City Hall	27-011	City Hall Elevator Replacement	$750,000
City Hall	27-012	City Hall Exterior Painting & Building Envelope Preservation	$150,000
City Hall	27-013	City Hall Heating System Modernization & Secondary Heat Source	$150,000
City Hall	27-014	City Hall Rear Exterior Stair Replacement	$175,000
City Hall	27-015	Mini-Split Condenser Replacement & Weather Protection	$75,000
Comm. Dev & Planning	27-005	Keyes Road Culvert Replacement	$2,020,000
Comm. Dev & Planning	27-018	North Central Pathway Remaining Design ++	$300,000
Engineering	26-044	MS4 Municipal Property BMP Retrofit	$200,000
Engineering	26-046	Elm/Pearson Traffic Signals	$125,000
Engineering	27-017	Rt. 2A & 68 Intersection Design ++	$125,000
Fire	26-050	Replace Car 2	$75,000
Fire	26-055	Replace Truck 5	$85,000
Fire	26-103	Fire HQ Building Feasibility Study	$250,000
Health	26-058	Landfill Erosion Control	$229,537
Health	26-059	Transfer Station Facilities	$200,000
Human Resources	27-006	Greenwood Pool Resurfacing	$150,000
Human Resources	27-007	Splash Park Repair	$22,000
Public Works	26-003	1 Ton Dump Truck	$85,000
Public Works	26-008	6 Wheel Dump/Plow/Spreader	$295,000
Public Works	26-010	10 Wheel Dump/Plow/Spreader	$385,000
Public Works	26-013	Bucket Truck	$150,000
Public Works	26-028	Sign Department Printer	$26,000
Public Works	26-035	DPW Facility Upgrades	$4,000,000
Public Works	26-039	Pond Brook Drainage Repair	$500,000
Public Works	26-041	Remove Underground Fuel Storage Tanks	$600,000
School Dept	26-066	Facilities Pickup Truck	$65,000
School Dept	26-080	GMS Road Improvements	$500,000
School Dept	26-082	GMS Rooftop Condensers	$1,000,000
School Dept	26-084	GHS Elevator Renovations	$150,000
School Dept	27-009	GMS PA and Clock System	$115,000
		Grand Total	**$12,952,537**

++ Project added to amended report

The above list as presented herein may be used as a menu to select capital improvements for implementation using a multi-year capital improvement bond or by adding selected capital items to a multipurpose bond. It may also be advisable to set up a specific capital fund so that unspent allocated money for a designated capital purchase be returned to the protected fund for the next capital expenditure on the list or for an unscheduled capital emergency.

Ultimately the decision of which capital items will be funded lies with the Mayor and City Council. Additionally, each department must present its requests to a City Council standing committee whose responsibilities include confirming or modifying each capital request. Therefore, it follows that the Capital Improvement Committee is presenting these items and the suggested method of paying for them as a recommendation for further study and action by the Mayor and others.

3. Decisions on funding capital projects for FY2027 must consider the impact they have on future year priorities.

Table 1 also includes the capital project requests for FY2027 to FY2031. As FY2027 projects are delayed due to a lack of funding, the delay will affect what projects can be funded in future years. In some cases, the FY2027 projects that have been rolled over will take precedence; in other cases, the future year projects may have to be addressed in that year as emergency expenditures. It should be noted that the list for FY2027 contains far less backlogged projects which have been pushed ahead from previous years. As this backlog is decreased, and bonding capital expenditures is less necessary, more funds may be freed up to be used through the annual budget to deal with capital expenses.

4. The City must adequately fund routine repair and maintenance accounts to assure that capital investments productively live out their lives.

Capital spending is wasted money if funds are not available to adequately maintain the new assets. In committing to a capital improvement program, the City must remain committed to budget money for asset maintenance.

5. The City must continue to adequately fund recurring capital needs, i.e. vehicle and police cruiser replacement and technology upgrades and replacement.

The Committee has noted that items considered routine maintenance and items too small to be considered capital projects are now being included in the annual budget process. Examples of these items include police cruisers, automobiles, pickup trucks, and computer hardware. The City should continue to use the annual budget to provide funds to cover the replacement or upgrade of a portion of these items each year.

Adopting or adapting these recommendations will help the City continue making progress in providing stability to the funding and maintenance of capital assets. The Committee does realize that this process does not take place in a vacuum. The City is still facing tight economic times and must address the ongoing challenge of balancing the general fund budget. The Committee hopes its recommendations will provide useful information to be used as part of the meaningful discussions.

Capital Improvement Planning Committee
As defined by Chapter 7-8(A) of The City of Gardner Code

Councillor at Large – **Elizabeth Kazinskas**

Ward 3 Councillor – **Paul Tassone**

City Engineer – **Robert Oliva**

Director of Community Development and Planning – **Jason Stevens**

City Treasurer – **Jennifer Dymek**

Director of Public Works – **Dane Arnold**

City Purchasing Agent/Civil Enforcement Director – **Joshua Cormier**

City Auditor – **vacant**

School Department Business Manager – **Mark Hawke**

Report contains submissions from City Departments. Since the Capital Improvement Committee has not yet performed ratings on items, this report does not indicate whether the items fall under the definition of a capital improvement. During the ratings process, it may be determined that items do not qualify as capital purchases, but will be considered as recommendations by the Committee under the normal budget procedure.

Department	Project ID	FY27 Priority**	Project Title	5-yr Cost	Fiscal Year				
					FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Airport									
			No Requests Submitted						
			Department Total	$ -	$ -	$ -	$ -	$ -	$ -
Building									
			No Requests Submitted						
			Department Total	$ -	$ -	$ -	$ -	$ -	$ -
City Hall									
City Hall	27-010		City Hall Electronic Key Fob Access System	$ 250,000	$ 250,000				
City Hall	27-011		City Hall Elevator Replacement	$ 750,000	$ 750,000				
City Hall	27-012		City Hall Exterior Painting & Building Envelope Preservation	$ 150,000	$ 150,000				
City Hall	27-013		City Hall Heating System Modernization & Secondary Heat Source	$ 1,150,000	$ 150,000	$ 600,000	$ 400,000		
City Hall	27-014		City Hall Rear Exterior Stair Replacement	$ 175,000	$ 175,000				
City Hall	27-015		Mini-Split Condenser Replacement & Weather Protection	$ 125,000	$ 75,000	$ 50,000			
City Hall	27-016		Perry Auditorium Bathroom & Interior Rehabilitation	$ 200,000	$ 75,000	$ 125,000			
			Department Total	$ 2,800,000	$ 1,625,000	$ 775,000	$ 400,000	$ -	$ -
Community Dev & Planning									
Comm. Dev & Planning	27-001	H	Central Street Pedestrian Beacon	$ 40,000	$ 40,000				
Comm. Dev & Planning	27-002	L	Clark Street to Greenwood Park Shared Use Path Connection	$ 60,000			$ 60,000		
Comm. Dev & Planning	27-003	L	Green Street Sidewalk Installation	$ 200,000		$ 200,000			
Comm. Dev & Planning	27-004	L	Greenwood Park to Wilder Field Shared Use Path Connection	$ 30,000		$ 30,000			
Comm. Dev & Planning	27-005	H	Keyes Road Culvert Replacement	$ 2,020,000	$ 2,020,000				
Comm. Dev & Planning	27-018	H	North Central Pathway Remaining Design ++	$ 300,000	$ 300,000				
			Department Total	$ 2,650,000	$ 2,360,000	$ 230,000	$ 60,000	$ -	$ -
Council on Aging									
			No Requests Submitted						
			Department Total	$ -	$ -	$ -	$ -	$ -	$ -
Engineering									
Engineering	26-042	L	Dam Repairs	$ 1,500,000		$ 1,500,000			
Engineering	26-044	H	MS4 Municipal Property BMP Retrofit	$ 1,255,000	$ 200,000	$ 225,000	$ 250,000	$ 275,000	$ 305,000
Engineering	26-045	L	TIP List Roadway Design	$ 2,650,000	$ 400,000	$ 250,000	$ 800,000	$ 1,200,000	
Engineering	26-046	H	Elm/Pearson Traffic Signals	$ 1,625,000	$ 125,000	$ 1,500,000			
Engineering	27-017	H	Rt. 2A & 68 Intersection Design ++	$ 2,075,000	$ 125,000	$ 1,950,000			
			Department Total	$ 9,105,000	$ 850,000	$ 5,425,000	$ 1,050,000	$ 1,475,000	$ 305,000

Department	Project ID	FY27 Priority**	Project Title	5-yr Cost	Fiscal Year				
					FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Fire									
Fire	26-048	H	Fire HQ 3-Bay Garage (stand alone)	$ 750,000	$ 750,000				
Fire	26-049	L	Re-Chassis Rescue 2	$ 250,000			$ 250,000		
Fire	26-050	H	Replace Car 2	$ 75,000	$ 75,000				
Fire	26-051	L	Replace Car 3	$ 75,000			$ 75,000		
Fire	26-052	H	Replace Car 6	$ 75,000	$ 75,000				
Fire	26-053	L	Replace Engine 1	$ 1,000,000			$ 1,000,000		
Fire	26-054	L	Replace Rescue 4	$ 500,000		$ 500,000			
Fire	26-055	H	Replace Truck 5	$ 85,000	$ 85,000				
Fire	26-056	H	Fire HQ Building Addition/Renovation	$ 10,000,000	$ 10,000,000				
Fire	27-018	L	Replace Truck 4				$ 75,000		
Fire	26-103	H	Fire HQ Building Feasibility Study	$ 250,000	$ 250,000				
			Department Total	$ 13,060,000	$ 11,235,000	$ 500,000	$ 1,400,000	$ -	$ -
Golf (Enterprise)									
			No Requests Submitted						
			Department Total	$ -	$ -	$ -	$ -	$ -	$ -
Health									
Health	26-058	H	Landill Erosion Control	$ 229,537	$ 229,537				
Health	26-059	H	Transfer Station Faclities	$ 400,000	$ 200,000	$ 200,000			
			Department Total	$ 629,537	$ 429,537	$ 200,000	$ -	$ -	$ -
Human Resources									
Human Resources	27-006	H	Greenwood Pool Resurfacing	$ 150,000	$ 150,000				
Human Resources	27-007	H	Splash Park Repair	$ 22,000	$ 22,000				
			Department Total	$ 172,000	$ 172,000	$ -	$ -	$ -	$ -
IT Dept.									
			No Requests Submitted						
			Department Total	$ -	$ -	$ -	$ -	$ -	$ -
Police									
Police	26-057	L	Computer-Aided Dispatch/Records Management Software	$ 990,000	$ 750,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
			Department Total	$ 990,000	$ 750,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000
Public Works									
Public Works	26-001	L	1 Ton Dump Truck	$ 85,000			$ 85,000		
Public Works	26-002	L	1 Ton Dump Truck	$ 85,000				$ 85,000	
Public Works	26-003	H	1 Ton Dump Truck	$ 85,000	$ 85,000				
Public Works	26-004	E	6 Wheel Dump/Plow/Spreader	$ 295,000		$ 295,000			
Public Works	26-005	H	6 Wheel Dump/Plow/Spreader	$ 295,000			$ 295,000		
Public Works	26-006	L	6 Wheel Dump/Plow/Spreader	$ 295,000				$ 295,000	
Public Works	26-007	L	6 Wheel Dump/Plow/Spreader	$ 295,000					$ 295,000
Public Works	26-008	E	6 Wheel Dump/Plow/Spreader	$ 295,000	$ 295,000				
Public Works	26-009	H	10 Wheel Dump/Plow/Spreader	$ 385,000		$ 385,000			
Public Works	26-010	E	10 Wheel Dump/Plow/Spreader	$ 385,000	$ 385,000				
Public Works	26-011	H	24' Double Garage Door	$ 25,000	$ 25,000				
Public Works	26-012	L	Backhoe	$ 145,000			$ 145,000		
Public Works	26-013	H	Bucket Truck	$ 150,000	$ 150,000				
Public Works	26-014	H	Cab and Chassis for Sander	$ 35,000		$ 35,000			
Public Works	26-015	H	Cab and Chassis for Sander	$ 35,000	$ 35,000				
Public Works	26-016	L	Cremation Vaults	$ 200,000		$ 200,000			

Department	Project ID	FY27 Priority**	Project Title	5-yr Cost	Fiscal Year				
					FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Public Works	26-017	H	Large Mower	$ 45,000		$ 45,000			
Public Works	26-018	H	Front End Loader	$ 252,000		$ 252,000			
Public Works	26-019	L	Front End Loader	$ 252,000				$ 252,000	
Public Works	26-022	L	Repave Municipal Lots	$ 500,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000	$ 100,000
Public Works	26-023	H	Pick-up Truck	$ 85,000		$ 85,000			
Public Works	26-024	L	Pick-up Truck	$ 85,000				$ 85,000	
Public Works	26-025	H	Sidewalk Tractor	$ 190,000		$ 190,000			
Public Works	26-026	L	Sidewalk Tractor	$ 190,000				$ 190,000	
Public Works	26-027	L	Sidewalk Tractor	$ 190,000					$ 190,000
Public Works	26-028	H	Sign Department Printer	$ 26,000	$ 26,000				
Public Works	26-029	H	Street Sweeper	$ 310,000		$ 310,000			
Public Works	26-030	H	Tractor/Brush Cutter	$ 125,000		$ 125,000			
Public Works	26-031	H	Utility Body Truck	$ 92,000		$ 92,000			
Public Works	26-032	L	Utility Body Truck	$ 92,000					$ 92,000
Public Works	26-033	L	Wilder Field Drainage/Soccer Field	$ 100,000			$ 100,000		
Public Works	26-034	L	Bickford Playground Improvements	$ 150,000		$ 150,000			
Public Works	26-035	H	DPW Facility Upgrades	$ 4,000,000	$ 4,000,000				
Public Works	26-036	L	Jackson Playground Improvements	$ 150,000		$ 150,000			
Public Works	26-037	H	OC/Bickford Ball Field Light Replacement	$ 100,000	$ 100,000				
Public Works	26-038	H	OC Playground Improvements	$ 150,000		$ 150,000			
Public Works	26-039	H	Pond Brook Drainage Repair	$ 500,000	$ 500,000				
Public Works	26-040	E	Sign Room Expansion/Building	$ 275,000	$ 275,000				
Public Works	26-041	H	Remove Underground Fuel Storage Tanks	$ 600,000	$ 600,000				
			Department Total	$ 11,549,000	$ 6,576,000	$ 2,564,000	$ 725,000	$ 1,007,000	$ 677,000
Sewer (Enterprise)									
Sewer (Enterprise)	26-086	H	Collection System Improvements	$ 1,250,000		$ 500,000	$ 500,000	$ 250,000	
Sewer (Enterprise)	26-087	H	Pump Station Upgrades	$ 1,000,000		$ 1,000,000			
Sewer (Enterprise)	26-088	E	Sludge Landfill Expansion/Hauling	$ 7,000,000			$ 7,000,000		
Sewer (Enterprise)	26-089	H	Wastewater Treatment Plant Upgrade	$ 10,000,000		$ 5,000,000	$ 5,000,000		
			Department Total	$ 19,250,000	$ -	$ 6,500,000	$ 12,500,000	$ 250,000	$ -
Water (Enterprise)									
Water (Enterprise)	26-090	H	1 Ton Pickup Truck	$ 100,000		$ 100,000			
Water (Enterprise)	26-091	H	CLWTF PLC Replacement	$ 250,000		$ 250,000			
Water (Enterprise)	26-093	H	Dam Repairs	$ 1,000,000			$ 1,000,000		
Water (Enterprise)	26-094	H	Elevated Water Tank Interior Repairs	$ 650,000		$ 650,000			
Water (Enterprise)	26-095	H	Treatment Facility Upgrades	$ 500,000		$ 100,000	$ 200,000	$ 200,000	
Water (Enterprise)	26-096	H	Pearly Brook Pump Station Upgrade	$ 600,000				$ 600,000	
Water (Enterprise)	26-097	H	Water Main Replacement	$ 11,000,000			$ 5,000,000	$ 6,000,000	
Water (Enterprise)	26-098	H	Water Meter Replacement	$ 2,000,000		$ 1,000,000	$ 1,000,000		
			Department Total	$ 16,100,000	$ -	$ 2,100,000	$ 7,200,000	$ 6,800,000	$ -
School Dept									
School Dept	26-060	H	Central Office Building	$ 5,000,000		$ 5,000,000			
School Dept	26-061	L	ESS Auditorium	$ 150,000					$ 150,000
School Dept	26-062	L	ESS Replace Bathroom Partitions	$ 75,000			$ 75,000		
School Dept	26-063	H	ESS Roof	$ 250,000		$ 250,000			
School Dept	26-064	L	ESS Standby Generator	$ 250,000				$ 250,000	
School Dept	26-065	H	Facilities Garage Addition	$ 500,000		$ 500,000			
School Dept	26-066	E	Facilities Pickup Truck	$ 65,000	$ 65,000				

Department	Project ID	FY27 Priority**	Project Title	5-yr Cost	Fiscal Year				
					FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
School Dept	26-068	H	GHS C-Wing (locker rooms) renovations	$ 3,000,000		$ 3,000,000			
School Dept	26-069	H	GHS Replace Exit / Emergency Lighting	$ 150,000	$ 150,000				
School Dept	26-070	L	GHS Interior Painting	$ 150,000			$ 150,000		
School Dept	26-071	L	GHS Landscaping	$ 50,000			$ 50,000		
School Dept	26-074	L	GHS Replace Service Equipment	$ 800,000			$ 800,000		
School Dept	26-076	H	GHS Standby Generator	$ 250,000		$ 250,000			
School Dept	26-077	L	GHS to GMS Fiber Underground	$ 40,000			$ 40,000		
School Dept	26-078	H	GMS Domestic Hot Water Tank	$ 50,000		$ 50,000			
School Dept	26-079	L	GMS Electronic Sign	$ 40,000					$ 40,000
School Dept	26-080	H	GMS Road Improvements	$ 500,000	$ 500,000				
School Dept	26-082	E	GMS Rooftop Condensers	$ 1,000,000	$ 1,000,000				
School Dept	26-083	H	GMS Unit Ventilator Controller	$ 500,000		$ 500,000			
School Dept	26-084	E	GHS Elevator Renovations	$ 150,000	$ 150,000				
School Dept	27-008	L	GHS Roof	$ 2,000,000					$ 2,000,000
School Dept	27-009	H	GMS PA and Clock System	$ 115,000	$ 115,000				
			Department Total	$ 15,085,000	$ 1,980,000	$ 9,550,000	$ 1,115,000	$ 250,000	$ 2,190,000
			Grand Total	**$ 91,390,537**	**$ 25,977,537**	**$ 27,904,000**	**$ 24,510,000**	**$ 9,842,000**	**$ 3,232,000**

**** E = Emergency (Immediate Need) High = High (Needed in Next 2 Years) L = Low (Needed in 2-5 Years)**

++ Project Request added as an amendment to original report

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: City Hall Electronic Key Fob Access System

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

City Hall requires a comprehensive electronic key fob access system for all exterior and interior doors. This improves security, standardizes access control, and eliminates manual locking/unlocking.

ESTIMATED COST BY FISCAL YEAR

FY27: $250,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: City Hall Elevator Replacement

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

The existing elevator in City Hall is approaching the end of its useful life and continues to be increasingly unreliable. Breakdowns are frequent, and parts availability is diminishing. A full replacement is necessary to ensure uninterrupted ADA access to all floors and avoid accessibility compliance issues.

ESTIMATED COST BY FISCAL YEAR

FY27: $750,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: City Hall Exterior Painting & Building Envelope Preservation

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

City Hall's façade and trim require full repainting and preservation to prevent deterioration. Work includes scraping, priming, painting, and preservation treatment.

ESTIMATED COST BY FISCAL YEAR

FY28: $150,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: City Hall Heating System Modernization & Secondary Heat Source

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

City Hall's existing heating system is outdated and not resilient. Although the boiler is relatively new, the hydronic piping and distribution system are deteriorated. This project funds engineering and phased replacement of critical piping and installation of a reliable secondary heat source.

ESTIMATED COST BY FISCAL YEAR

FY27: $150,000

FY28: $600,000

FY29: $400,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: City Hall Rear Exterior Stair Replacement

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

The rear exterior stairs are deteriorating and require replacement to maintain safe egress and prevent liability issues.

ESTIMATED COST BY FISCAL YEAR

FY27: $175,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: Mini-Split Condenser Replacement & Weather Protection

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

Multiple mini-split condensers need replacement and protection from falling snow/ice. This project replaces units and installs permanent protection systems.

ESTIMATED COST BY FISCAL YEAR

FY28: $75,000

FY29: $50,000

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM

PROJECT TITLE: Perry Auditorium Bathroom & Interior Rehabilitation

DEPARTMENT: Building Department

SUBMITTED BY: Melissa MacDonald

DATE SUBMITTED: December 5, 2025

PROJECT DESCRIPTION

The Perry Auditorium bathrooms are currently unusable. Restoring these facilities and addressing related interior needs will allow full use of the auditorium for meetings, events, and rentals.

ESTIMATED COST BY FISCAL YEAR

FY28: $75,000

FY29: $125,000

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-001**
PROJECT TITLE	
Central Street Pedestrian Beacon	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	11/6/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The project includes the installation of a new Pedestrian Operated Button crossing signal beacon and replacement/installation of ADA accessible ramps for the crosswalk between 100 and 105 Central Street. This project will directly improve safety and accessibility for pedestrians while also improving safety and traffic behavior by providing a more visible, compliant, well-marked, activated, and ultimately safer crossing on a well-travelled roadway adjacent to residences, businesses and near recreation areas.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure		$30,000				
Study/Design		$10,000				
Vehicle/Equipment						
Other						
TOTAL		$40,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-002**
PROJECT TITLE	
Clark Street to Greenwood Park Shared Use Path Connection	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	11/7/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This project includes connecting Beagle Club Road at Clark Street to the Ovila Case Playground and Greenwood Park via Racette Avenue, Norman Street, Sand Street and West Street, including construction of a new pedestrian crosswalk at intersection of Clark Street and Racette Avenue, installation of new "sharrow" pavement markings and signage along Clark Street, Racette Avenue, Norman Street and Sand Street, reconfiguration of the intersection of Sand Street and West Street to include new ADA compliant ramps and crosswalk to south side of West Street, and upgrading the existing path adjacent to property now or formerly of the Veterans of Foreign Wars (VFW - Post 905) to hot mix asphalt pavement to connect into Greenwood Park.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure				$40,000		
Study/Design				$20,000		
Vehicle/Equipment						
Other						
TOTAL				$60,000		

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-003**
PROJECT TITLE	
Green Street Sidewalk Installation	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	11/7/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The project includes design and construction of a new hot mix asphalt sidewalk along the west side of Green Street from the North Central Pathway to the Heywood Hospital.The project will improve pedestrian access to the pathway and increase safety, encouraging pedestrians to utilize the nearby crosswalk at Haywood Hospital across Green Street near the intersection of Matthews and Woodland Avenue to cross the street and access the pathway via the new sidewalk.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure			$150,000			
Study/Design			$50,000			
Vehicle/Equipment						
Other						
TOTAL	$200,000		$200,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-004**
PROJECT TITLE	
Greenwood Park to Wilder Field Shared Use Path Connection	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	11/7/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The project includes design and construction of new ADA compliant ramp on south side of Parker Street across from the Greenwood Park entrance, installation of new "sharrow" pavement markings and signage along Marquette Street to Moran Street, and the installation of a new ADA compliant ramp at intersection of Marquette and Moran Street. Installation of ADA compliant ramps will increase accessibility to Greenwood Park and in the surrounding residential neighborhood.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure			$20,000			
Study/Design			$10,000			
Vehicle/Equipment						
Other						
TOTAL	$30,000		$30,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-005**
PROJECT TITLE	
Keyes Road Culvert	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	11/7/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	Approx. 75 years

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The Stream Crossing/Culvert which is located on Keyes road over Wilder Brook is in disrepair (Poor Condition) and is in need of replacement. Permitting and design phases have been completed as of 2022 to replace the culvert with a small bridge structure. As this is the only point of entry/exit for residents, a failure would result in isolationl, haulted access to resources, and disruption of emergency services for those who would live in the affected area. Some of the project goals are to maintain access, reduce flow constriction, improve on stream continuity, wildlife passage, and climate adaptation, as well as longevity of important infrastructure.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	$2,020,000.00		2025 Approx. $2,020,000.00			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$2,020,000.00		$2,020,000.00			

Conceptual Opinion of Probable Construction Cost
Keyes Road over Wilder Brook Culvert Replacement
City of Gardner, MA
Precast Concrete Rigid Frame - 24 FT Span

ITEM	DESCRIPTION	QTY	UNITS	UNIT PRICE	AMOUNT
101.	Clearing and Grubbing	0.30	A	$ 40,000.00	$ 12,000.00
113.1	Demolition of Existing Bridge	1	LS	$ 90,000.00	$ 90,000.00
120.	Earth Excavation	300	CY	$ 75.00	$ 22,500.00
140	Bridge Excavation	900	CY	$ 175.00	$ 157,500.00
144	Class B Rock Excavation	25	CY	$ 300.00	$ 7,500.00
150.	Ordinary Borrow	210	CY	$ 50.00	$ 10,500.00
151.	Gravel Borrow	290	CY	$ 70.00	$ 20,300.00
151.2	Gravel Borrow for Backfilling Structures and Pipes	440	CY	$ 70.00	$ 30,800.00
170.	Fine Grading and Compacting	680	SY	$ 15.00	$ 10,200.00
303.12	12 Inch Ductile Iron Water Pipe (Mechanical Joint)	110	FT	$ 250.00	$ 27,500.00
373.12	12 Inch Water Pipe Insulation	65	FT	$ 150.00	$ 9,750.00
415.2	Pavement Fine Milling	70	SY	$ 25.00	$ 1,750.00
460.	Hot Mix Asphalt (Top and Binder)	230	TON	$ 160.00	$ 36,800.00
482.3	Sawcutting Asphalt Pavement	90	FT	$ 6.00	$ 540.00
504.	Granite Curb Type VA4 - Straight	130	FT	$ 75.00	$ 9,750.00
509.	Granite Curb Type VA4 - Transition	40	FT	$ 80.00	$ 3,200.00
627.82	Guardrail Tangent End Treatment, TL-2	4	EA	$ 5,400.00	$ 21,600.00
628.24	Transition to Bridge Rail	4	EA	$ 6,000.00	$ 24,000.00
701.	Cement Concrete Sidewalk	90	SY	$ 100.00	$ 9,000.00
748.	Mobilization	1	LS	$ 45,000.00	$ 45,000.00
751.	Loam Borrow	140	CY	$ 60.00	$ 8,400.00
765.	Seeding	1000	SY	$ 5.00	$ 5,000.00
767.12	Compost Filter Tubes	280	FT	$ 18.00	$ 5,040.00
850.	Operations for Temporary Traffic Control	1	LS	$ 30,000.00	$ 30,000.00
816.01	Temporary Traffic Control Signal	1	LS	$ 45,000.00	$ 45,000.00
860.104	4 Inch Reflectorized White Line (Painted)	300	FT	$ 5.00	$ 1,500.00
861.104	4 Inch Reflectorized Yellow Line (Painted)	300	FT	$ 5.00	$ 1,500.00
983.1	Riprap	200	CY	$ 90.00	$ 18,000.00
983.2	Streambed Material	90	CY	$ 70.00	$ 6,300.00
991.1	Control of Water - Structure No. 1	1	LS	$ 90,000.00	$ 90,000.00
995.01	Bridge Structure, Bridge No. 1	1	LS	$ 750,000.00	$ 750,000.00
999.5	Monthly Price Adjustment for HMA Mixtures	1	ALL	$ 1,000.00	$ 1,000.00
999.6	Monthly Price Adjustment for Diesel Fuel	1	ALL	$ 2,000.00	$ 2,000.00
999.7	Monthly Price Adjustment for Gasoline	1	ALL	$ 1,000.00	$ 1,000.00
999.8	Monthly Price Adjustment for Reinforcing Steel	1	ALL	$ 2,000.00	$ 2,000.00
999.9	Monthly Price Adjustment for Portland Cement Concrete	1	ALL	$ 2,000.00	$ 2,000.00
	Utility Pole Relocation Allowance	1	ALL	$ 25,000.00	$ 25,000.00
				SUBTOTAL	**$ 1,543,930**
	Construction Continency		10%		$ 154,400
	Escalation and Pricing Contingency (Bid Fall 2025, Construction 2026)		9%		$ 139,000
	Engineering Bidding Phase Services				$ 8,400
	Engineering Bidding and Construction Phase Services				$ 168,500
				TOTAL	**$ 2,014,230**
				USE	**$ 2,020,000**

This is an engineer's Opinion of probable Construction Cost (OPCC). Tighe & Bond has no control over the cost or availability of labor, equipment or materials, market conditions or the Contractor's method of pricing, and that the estimates of probable construction costs are made on the basis of the Tighe & Bond's professional judgment and experience. Tighe & Bond makes no guarantee nor warranty, expressed or implied, that the bids or the negotiated cost of the Work will not vary from this estimate of the Probable Construction Cost.

CITY OF GARDNER, MASSACHUSETTS

KEYES ROAD OVER WILDER BROOK

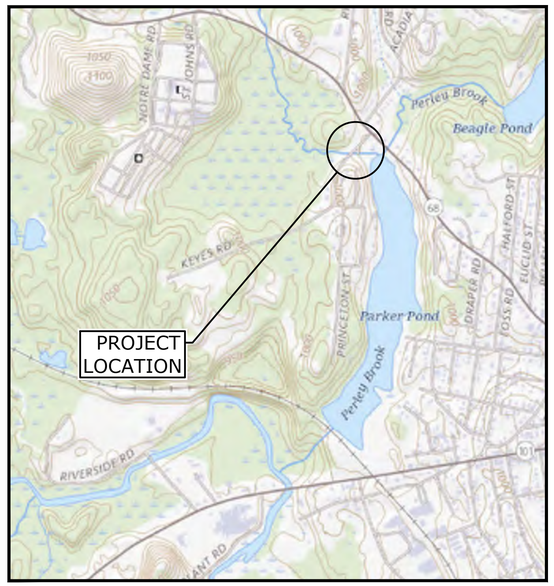
CULVERT REPLACEMENT

PROJECT NO: G0384-T060

MASSDOT BRIDGE NO. G-01-025, BIN NO. CD5

FEBRUARY 2023

LIST OF DRAWINGS	
SHEET NO.	SHEET TITLE
1	COVER
2	BRIDGE KEY PLAN, PROFILES, LOCUS, & INDEX
3	GENERAL NOTES, LEGEND, AND ABBREVIATIONS (SHEET 1 OF 2)
4	GENERAL NOTES, LEGEND, AND ABBREVIATIONS (SHEET 2 OF 2)
5	EXISTING CONDITIONS AND DEMOLITION PLAN
6	SITE PLAN
7	CONSTRUCTION DETAILS (SHEET 1 OF 3)
8	CONSTRUCTION DETAILS (SHEET 2 OF 3)
9	CONSTRUCTION DETAILS (SHEET 3 OF 3)
10	TEMPORARY TRAFFIC CONTROL PLAN
11	BORING LOGS & BORING NOTES
12	GENERAL BRIDGE PLAN AND ELEVATION
13	POTENTIAL CONSTRUCTION STAGE 1 PLAN & SECTION
14	POTENTIAL CONSTRUCTION STAGE 2 PLAN & SECTION
15	BRIDGE SECTIONS AND DETAILS
16	FOUNDATION PLAN AND DETAILS
17	WINGWALL PLAN AND ELEVATIONS
18	HIGHWAY GUARDRAIL DETAILS (SHEET 1 OF 2)
19	HIGHWAY GUARDRAIL DETAILS (SHEET 2 OF 2)
20	CT-TL2 BRIDGE RAILING
21	TOP OF PRECAST HIGHWAY GUARDRAIL TRANSITION FOR CT-TL2 RAILING
22	PRECAST GUARDRAIL TRANSITION AND CT-TL2 BRIDGE RAILING DETAILS
23	GUARDRAIL TRANSITION TO BRIDGE RAIL (FACE OF CURB)
24	GUARDRAIL APPROACH GEOMETRY



LOCATION MAP
SCALE: 1" = 1000'

PREPARED BY:

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

DANIEL S. HOLMES, PE

COMMONWEALTH OF MASSACHUSETTS
MATT WZOREK
CIVIL
No. 52674
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

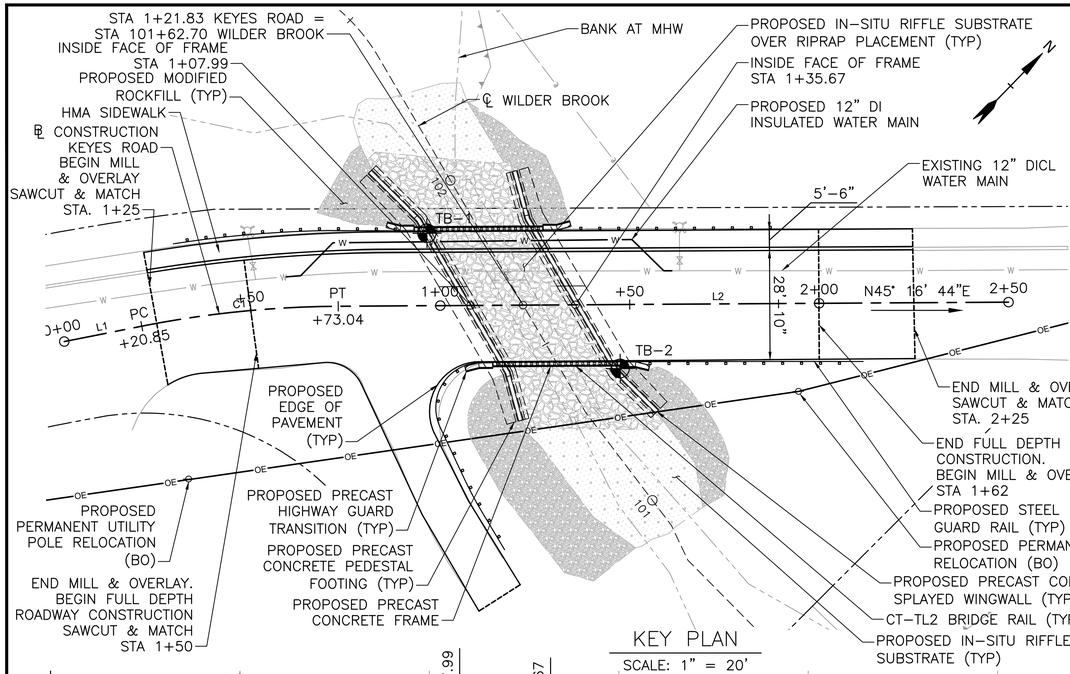
MATT P. WZOREK, PE

PREPARED FOR:
CITY OF GARDNER
MICHAEL J. NICHOLSON, MAYOR

DEPARTMENT OF COMMUNITY DEVELOPMENT AND PLANNING
TREVOR BEAUREGARD, DIRECTOR

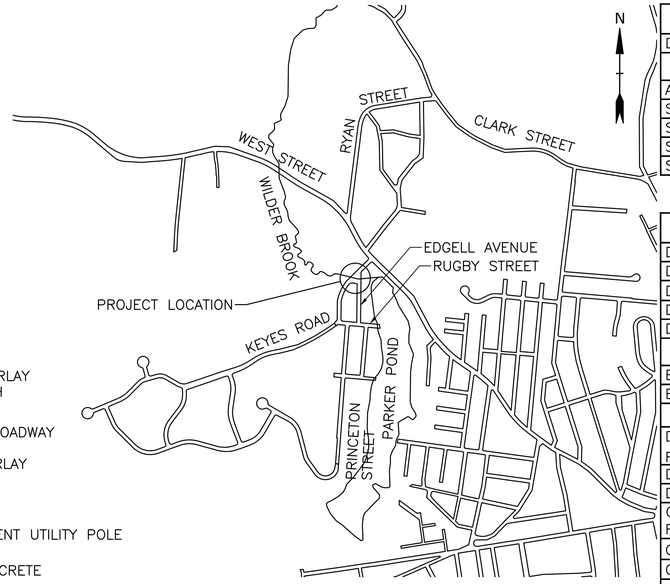
FINAL DESIGN
COMPLETE SET 24 SHEETS

Last Saved: 2/3/2023
Plotted On: Feb 03, 2023 - 1:17pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_1_COVER.dwg



KEY PLAN

SCALE: 1" = 20'

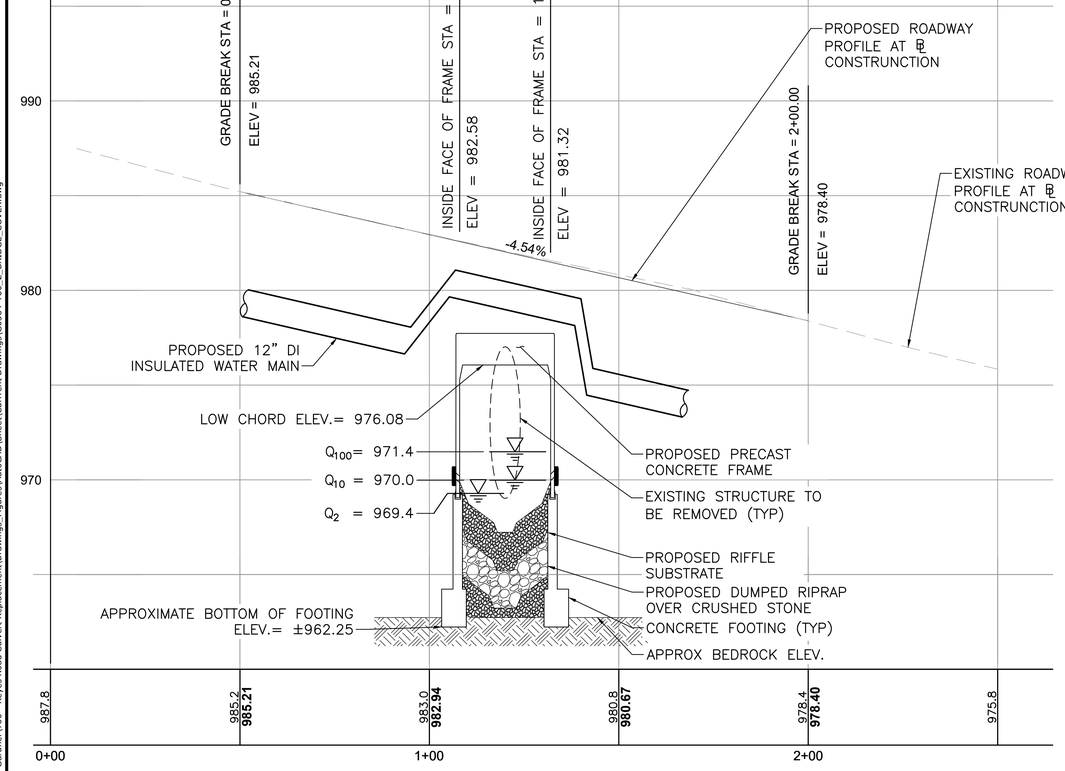


LOCUS PLAN

SCALE: 1" = 1000'

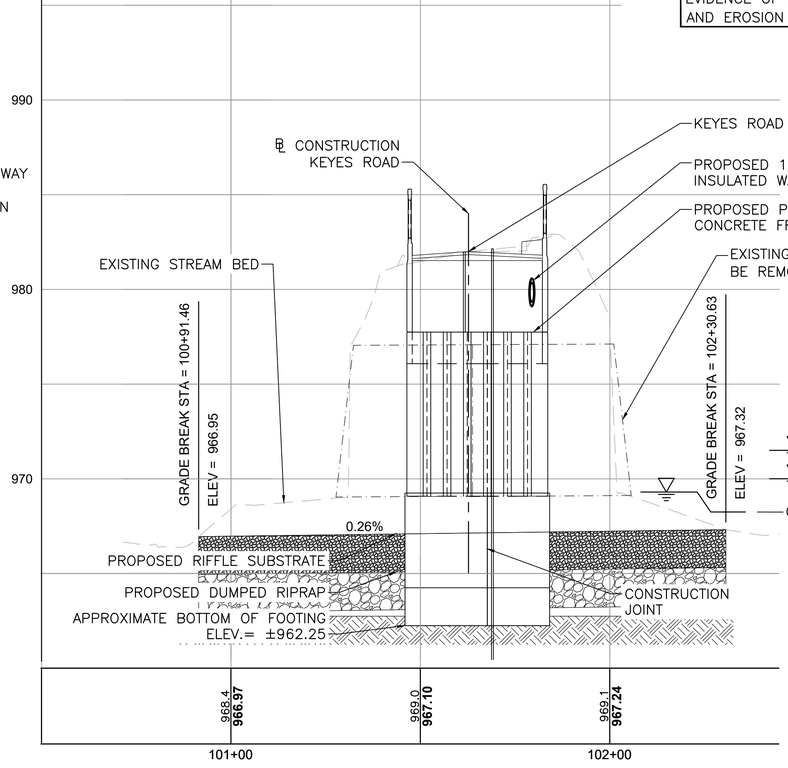
SEISMIC DESIGN CRITERIA	
DESIGN RETURN PERIOD:	1,000
DESIGN SPECTRA	
As	0.106
SDs	0.229
SD1	0.096
SITE CLASS	D
SEISMIC DESIGN CATEGORY (SDC)	A

HYDRAULIC DESIGN DATA	
DRAINAGE AREA (SQ. MILES)	3.0
DESIGN FLOOD DISCHARGE (C.F.S.)	100
DESIGN FLOOD FREQUENCY (YEARS)	10
DESIGN FLOOD VELOCITY (F.P.S.)	2.5
DESIGN FLOOD ELEVATION (FEET, NAVD)	970.0
BASE (100–YEAR) FLOOD DATA	
BASE FLOOD DISCHARGE (C.F.S.)	200
BASE FLOOD ELEVATION (FEET, NAVD)	975.3
DESIGN AND CHECK SCOUR DATA	
DESIGN SCOUR FLOOD EVENT RETURN FREQUENCY (YEARS)	25
DESIGN FLOOD ABUTMENT SCOUR DEPTH (FEET)	0.0
DESIGN FLOOD PIER SCOUR DEPTH (FEET)	N/A
CHECK SCOUR FLOOD EVENT RETURN FREQUENCY (YEARS)	50
CHECK FLOOD ABUTMENT SCOUR DEPTH (FEET)	0.0
CHECK FLOOD PIER SCOUR DEPTH (FEET)	N/A
FLOOD OF RECORD	
DISCHARGE (C.F.S.)	UNKNOWN
FREQUENCY (IF KNOWN, YEARS)	N/A
MAXIMUM ELEVATION (FEET, NAVD)	N/A
DATE (MM/YYYY)	N/A
HISTORY OF ICE FLOES	UNKNOWN
EVIDENCE OF SCOUR AND EROSION	N/A



KEYES ROAD PROFILE – PROPOSED ROADWAY

HORIZ.: 1" = 20' VERT.: 1" = 4'



PROFILE ALONG WILDER BROOK

HORIZ.: 1" = 20' VERT.: 1" = 4'

CHAPTER 85 SECTION 35 REVIEW AND APPROVAL NOTES:

IN ACCORDANCE AND COMPLIANCE WITH THE REQUIREMENTS OF CHAPTER 85 SECTION 35 OF THE MASSACHUSETTS GENERAL LAWS, THE CONTRACTOR SHALL SUBMIT TO THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION ALL CONSTRUCTION DRAWINGS AND DESIGN CALCULATIONS THAT SHALL BE USED TO FABRICATE AND CONSTRUCT THE STRUCTURE DENOTED ON THESE PLANS FOR REVIEW AND APPROVAL. THIS APPROVAL SHALL CONSTITUTE THE FINAL APPROVAL AS STIPULATED BY CHAPTER 85 SECTION 35 OF THE MASSACHUSETTS GENERAL LAWS.

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division

CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER — 3/17/2023 DATE

0 20' 40'

SCALE: 1" = 20'

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_2_BRIDGE_COVER.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

BRIDGE KEY PLAN, PROFILES, LOCUS, & INDEX

SCALE: AS SHOWN

SHEET 2

SHEET 2 OF 24

Last Saved: 2/9/2023
Plotted On: Feb 09, 2023 - 1:18pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_2_BRIDGE_COVER.dwg

BASE PLAN NOTES

1. THE EXISTING CONDITIONS INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SURVEY DRAWINGS PROVIDED BY WSP USA INC. TITLED "EXISTING CONDITIONS PLAN, KEYES ROAD OVER WILDER BROOK, GARDNER, MA" AND DATED NOVEMBER 16, 2021.
2. UTILITY LOCATIONS SHOWN WERE PLOTTED FROM INFORMATION SUPPLIED BY RESPECTIVE UTILITY COMPANIES AND DATA OBTAINED FROM FIELD SURVEYS AND AS BUILT DRAWINGS. THE ACCURACY AND COMPLETENESS OF SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS IS NOT GUARANTEED.
3. THE HORIZONTAL COORDINATE SYSTEM IS THE NORTH AMERICAN DATUM OF 1983, MASSACHUSETTS STATE PLANE, MAINLAND ZONE, US FEET. VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988.
4. THE EXISTING CONDITIONS SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS.

GENERAL NOTES

1. NOTIFY DIGSAFE AT 1-888-344-7233 AND OTHER UTILITY OWNERS IN THE AREA NOT ON THE DIGSAFE LIST AT LEAST 72 HOURS PRIOR TO ANY DIGGING, TRENCHING, ROCK REMOVAL, DEMOLITION, BORING, BACKFILLING, GRADING, LANDSCAPING, OR ANY OTHER EARTH MOVING OPERATIONS.
2. LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IN ADDITION, SOME UTILITIES MAY NOT BE SHOWN. DETERMINE THE EXACT LOCATION OF UTILITIES BY TEST PIT OR OTHER METHODS, AS NECESSARY TO PREVENT DAMAGE TO UTILITIES AND/OR INTERRUPTIONS IN UTILITY SERVICE OR CONSTRUCTION OPERATIONS. PERFORM TEST PIT EXCAVATIONS AND OTHER INVESTIGATIONS TO LOCATE UTILITIES, AND PROVIDE THIS INFORMATION TO THE ENGINEER, PRIOR TO CONSTRUCTING THE PROPOSED IMPROVEMENTS. LOCATE ALL EXISTING UTILITIES TO BE CROSSED BY HAND EXCAVATION.
3. NOT ALL OF THE UTILITY SERVICES TO BUILDINGS ARE SHOWN. THE CONTRACTOR SHALL ANTICIPATE THAT EACH PROPERTY HAS SERVICE CONNECTIONS FOR THE VARIOUS UTILITIES.
4. TIGHE & BOND ASSUMES NO RESPONSIBILITY FOR ANY ISSUES, LEGAL OR OTHERWISE, RESULTING FROM CHANGES MADE TO THESE DRAWINGS WITHOUT WRITTEN AUTHORIZATION FROM TIGHE & BOND.
5. NOTIFY THE ENGINEER OF ANY UTILITIES IDENTIFIED DURING CONSTRUCTION THAT ARE NOT SHOWN ON THE DRAWINGS OR THAT DIFFER IN SIZE OR MATERIAL.
6. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY; COORDINATION WITH THE OWNER, ALL SUBCONTRACTORS, WITH OTHER CONTRACTORS WORKING WITHIN THE LIMITS OF WORK, AND THE MEANS AND METHODS OF CONSTRUCTING THE PROPOSED WORK.
7. OBTAIN, PAY FOR AND COMPLY WITH PERMITS, NOTICES AND FEES NECESSARY TO COMPLETE THE WORK. ARRANGE AND PAY FOR NECESSARY INSPECTIONS AND APPROVALS FROM THE JURISDICTIONAL AUTHORITIES.
8. SHORE UTILITY TRENCHES WHERE FIELD CONDITIONS DICTATE AND/OR WHERE REQUIRED BY LOCAL, STATE AND FEDERAL HEALTH AND SAFETY CODES.
9. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION. IF FIELD CONDITIONS ARE OBSERVED THAT VARY SIGNIFICANTLY FROM THOSE SHOWN ON THE DRAWINGS, IMMEDIATELY NOTIFY THE ENGINEER IN WRITING FOR RESOLUTION OF THE CONFLICTING INFORMATION.
10. PROTECT AND MAINTAIN ALL UTILITIES IN THE AREAS UNDER CONSTRUCTION DURING THE WORK. LEAVE ALL PIPES AND STRUCTURES WITHIN THE LIMITS OF THE CONTRACT IN A CLEAN AND OPERABLE CONDITION AT THE COMPLETION OF THE WORK. TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SAND AND SILT FROM DISTURBED AREAS FROM ENTERING THE DRAINAGE SYSTEM.
11. NOTIFY THE ENGINEER IN WRITING OF ANY CONFLICT, ERROR, AMBIGUITY, OR DISCREPANCY WITH THE PLANS OR BETWEEN THE PLANS AND ANY APPLICABLE LAW, REGULATION, CODE, STANDARD SPECIFICATION, OR MANUFACTURER'S INSTRUCTIONS.
12. THE CONTRACTOR IS RESPONSIBLE FOR SUPPORT OF EXISTING UTILITIES AND REPAIR OR REPLACEMENT COSTS OF UTILITIES DAMAGED DURING CONSTRUCTION, WHETHER ABOVE OR BELOW GRADE. REPLACE DAMAGED UTILITIES IMMEDIATELY AT NO ADDITIONAL COST TO THE OWNER AND AT NO COST TO THE PROPERTY OWNER.
13. TAKE NECESSARY MEASURES AND PROVIDE CONTINUOUS BARRIERS OF SUFFICIENT TYPE, SIZE, AND STRENGTH TO PREVENT ACCESS TO ALL WORK AND STAGING AREAS AT THE COMPLETION OF EACH DAYS WORK.
14. NO OPEN TRENCHES WILL BE ALLOWED OVER NIGHT. THE USE OF ROAD PLATES TO PROTECT THE EXCAVATION WILL BE CONSIDERED UPON REQUEST, BUT BACKFILLING IS PREFERRED.
15. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY TRAFFIC CONTROL/SAFETY DEVICES TO ENSURE SAFE VEHICULAR AND PEDESTRIAN ACCESS THROUGH THE WORK AREA, OR FOR SAFELY IMPLEMENTING DETOURS AROUND THE WORK AREA. PERFORM TRAFFIC CONTROL IN ACCORDANCE WITH THE CONTRACTOR'S APPROVED TRAFFIC CONTROL PLAN.
16. MAINTAIN EMERGENCY ACCESS TO ALL PROPERTIES WITHIN THE PROJECT AREA AT ALL TIMES DURING CONSTRUCTION.
17. WHEN WORKING IN THE ROAD, PROVIDE THE OWNER AND LOCAL FIRE/POLICE/SCHOOL AUTHORITIES A DETAILED PLAN OF APPROACH INDICATING METHODS OF PROPOSED TRAFFIC ROUTING ON A DAILY BASIS. PROVIDE COORDINATION TO ENSURE COMMUNICATION AND COORDINATION BETWEEN THE OWNER, CONTRACTOR AND LOCAL FIRE/POLICE/SCHOOL AUTHORITIES THROUGHOUT THE CONSTRUCTION PERIOD.
18. REMOVE AND DISPOSE OF ALL CONSTRUCTION-RELATED WASTE MATERIALS AND DEBRIS IN STRICT ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.
19. THE TERM "DEMOLISH" USED ON THE DRAWINGS MEANS TO REMOVE AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
20. THE TERM "ABANDON" USED ON THE DRAWINGS MEANS TO LEAVE IN PLACE AND TAKE APPROPRIATE MEASURES TO DECOMMISSION AS SPECIFIED OR NOTED ON THE DRAWINGS.
21. ALL PROPOSED WORK MAY BE ADJUSTED IN THE FIELD BY THE ENGINEER TO MEET EXISTING CONDITIONS.

DESIGN LOADS AND SPECIFICATIONS:

1. DESIGN LOADING:	HL-93
2. DESIGN METHOD:	LOAD AND RESISTANCE FACTOR DESIGN (LRFD)
3. SPECIFICATIONS:	AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH ED., 2020 AS AMENDED MASSDOT LRFD BRIDGE MANUAL, 2013, AS AMENDED BY SUPPLEMENTS THE MASSACHUSETTS HIGHWAY DEPARTMENT STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES DATED 2022
4. FOUNDATION DATA:	PRECAST GUARD TRANSITION: TRANSITION BASE ON CONTROLLED DENSITY FILL (NON EXCAVATABLE) ON COMPACTED GRAVEL BORROW OR UNDISTURBED SOIL.
5. REINFORCING STEEL:	AASHTO M31 (ASTM A 615) GRADE 60 EPOXY COATED BARS: RIGID FRAME, WINGWALLS, HEADWALLS, AND PRECAST GUARD TRANSITIONS.
6. CONCRETE:	PRECAST RIGID FRAME, HEADWALLS, WINGWALLS, AND GUARD TRANSITIONS: 5000 PSI, ¾", 685 HP CEMENT CONCRETE CAST-IN-PLACE PEDESTAL FOOTINGS: 4000 PSI, ¾", 585 HP CEMENT CONCRETE CT-TL2 BARRIER: 5000 PSI, ⅜", 710 HP CEMENT CONCRETE

CULVERT REMOVAL NOTES:

1. THE CONTRACTOR'S METHOD FOR REMOVAL OF THE EXISTING CULVERT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE PRIOR TO THE COMMENCEMENT OF ANY REMOVAL OPERATIONS.
2. REMOVAL OF EXISTING CULVERT STRUCTURE SHALL INCLUDE THE COMPLETE REMOVAL OF THE PIPE AND STONE HEADWALLS. REFER TO SHEET 5 FOR DEMOLITION PLAN.
3. PRIOR TO REMOVAL OF EXISTING CULVERT, THE CONTRACTOR SHALL VERIFY THAT EXISTING UTILITIES HAVE BEEN RELOCATED OR A TEMPORARY BYPASS HAS BEEN INSTALLED.

FOUNDATION NOTES:

1. FOUNDATION MAY BE ALTERED, IF NECESSARY, TO SUIT CONDITIONS ENCOUNTERED DURING CONSTRUCTION, WITH THE APPROVAL OF THE ENGINEER.
2. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
3. BOTTOM OF FOUNDATION ELEVATIONS PROVIDED ON DRAWINGS SHALL BE CONSIDERED MINIMUM DEPTHS. CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL AS REQUIRED.
4. ALL FINISHED EXCAVATIONS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER PRIOR TO PRECAST SECTION DELIVERY.
5. ALL EXCAVATIONS FOR FOOTINGS FOUNDED ON SOIL SHALL BE FINISHED BY HAND FOR THE LAST 6". ALL FINISHED EXCAVATIONS SHALL BE INSPECTED BY THE ENGINEER PRIOR TO ANY CONCRETE PLACEMENT.
6. ALL BACKFILL UNDER OR ADJACENT TO ANY PORTION OF THE STRUCTURE SHALL BE PLACED IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND SPECIAL PROVISIONS.
7. REVIEW BEDROCK CONDITIONS BELOW BRIDGE FOOTINGS WITH ENGINEER PRIOR TO INSTALLATION.
8. ANY UNSUITABLE MATERIALS SUCH AS BOULDERS, ROOTS, ORGANIC SOILS, OR SILT/CLAY ENCOUNTERED WITHIN THE FOUNDATION BEARING ZONE, DEFINED BY A 1H:1V PLAN EXTENDING DOWNWARD AND OUTWARD FROM 1 FOOT BEYOND THE EDGE OF FOOTING, SHALL BE REMOVED AND REPLACED WITH CRUSHED STONE, AS DIRECTED BY THE ENGINEER.

GEOTECHNICAL DESIGN PARAMETERS:

1. MINIMUM EMBEDMENT FOR FROST PROTECTION FOR FOOTINGS FOUNDED ON SOIL = 4 FEET BELOW ADJACENT GROUND SURFACE.
2. MAXIMUM ALLOWABLE SETTLEMENT = 0.75 INCHES TOTAL, 0.5 INCH DIFFERENTIAL
3. FOOTING UNDER PRECAST RIGID FRAME:
   a. THE FACTORED BEARING PRESSURE = 17.42 KSF PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS STRENGTH I LOAD COMBINATIONS.
   b. FACTORED BEARING RESISTANCE = 19.80 KSF. FACTORED BEARING RESISTANCE IS THE PRODUCT OF THE NOMINAL BEARING RESISTANCE AND A RESISTANCE FACTOR OF 0.45.
4. FOOTING UNDER PRECAST WINGWALLS:
   a. THE FACTORED BEARING PRESSURE = 8.93 KSF PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS STRENGTH I LOAD COMBINATIONS.
   b. FACTORED BEARING RESISTANCE = 19.80 KSF. FACTORED BEARING RESISTANCE IS THE PRODUCT OF THE NOMINAL BEARING RESISTANCE AND A RESISTANCE FACTOR OF 0.45.
5. MINIMUM LATERAL EARTH PRESSURES FOR RESTRAINED RIGID FRAME WALLS:
   a. STATIC =
      - 48 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (ABOVE GROUNDWATER)
      - 23 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (BELOW GROUNDWATER)
   b. SURCHARGE = 0.5 TIMES THE VERTICAL SURCHARGE LOAD UNIFORMLY DISTRIBUTED OVER THE HEIGHT OF THE WALL. THE MINIMUM VERTICAL SURCHARGE SHALL BE AN AASHTO HL-93 VEHICULAR LOAD.
   c. SEISMIC =
      - 35 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (ABOVE GROUNDWATER)
      - 79 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (BELOW GROUNDWATER)
5. MINIMUM LATERAL EARTH PRESSURES FOR UNRESTRAINED WING WALLS:
   a. STATIC =
      - 48 PSF/FT AS AN EQUIVALENT FLUID PRESSURE, 200 PSF/FT MINIMUM (ABOVE GROUNDWATER)
      - 23 PSF/FT AS AN EQUIVALENT FLUID PRESSURE, 200 PSF/FT MINIMUM (BELOW GROUNDWATER)
   b. SURCHARGE = 0.31 TIMES THE VERTICAL SURCHARGE LOAD UNIFORMLY DISTRIBUTED OVER THE HEIGHT OF THE WALL. THE MINIMUM VERTICAL SURCHARGE SHALL BE AN AASHTO HL-93 VEHICULAR LOAD. THE DESIGN SHALL ACCOUNT FOR SLOPING GROUND SURFACE ABOVE THE WALLS.
   c. SEISMIC =
      - 35 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (ABOVE GROUNDWATER)
      - 79 POUNDS PER SQUARE FOOT PER FOOT (PSF/FT) AS AN EQUIVALENT FLUID PRESSURE (BELOW GROUNDWATER)
6. MINIMUM BACKFILL UNIT WEIGHT = 120 POUNDS PER CUBIC FOOT (PCF)
7. MAXIMUM BACKFILL ANGLE OF INTERNAL FRICTION = 37 DEGREES
8. MAXIMUM COEFFICIENT OF FRICTION FOR CAST-IN-PLACE CONCRETE ON CLEAN, SOUND BEDROCK = 0.70 (DELTA = 35 DEGREES)

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — 3/17/2023 DATE

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_3-4_GEN_NOTES.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

GENERAL NOTES, LEGEND, AND ABBREVIATIONS (SHEET 1 OF 2)

SCALE: NO SCALE

SHEET 3
SHEET 3 OF 24

Last Saved: 9/17/2022
Plotted On: Feb 09, 2023-1:18pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_ Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_3-4_GEN_NOTES.dwg

PRECAST CONCRETE BRIDGE STRUCTURE NOTES

1. ITEM 995.01, BRIDGE STRUCTURE, SHALL INCLUDE THE PRECAST CONCRETE RIGID FRAME, CORBELS, CURBS/HEADWALLS, WINGWALLS, AND PEDESTAL FOOTINGS USED TO SUPPORT THE RIGID FRAME AND WINGWALLS. JOINT MATERIALS, MEMBRANE, AND ANY OTHER MATERIALS OR ITEMS REQUIRED FOR INSTALLATION OF THE PRECAST CONCRETE BRIDGE STRUCTURE SHALL BE SUBSIDIARY.

2. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, DESIGN CALCULATIONS, AND LOAD RATING CALCULATIONS, SEALED AND SIGNED BY A CURRENTLY REGISTERED MASSACHUSETTS PROFESSIONAL ENGINEER TO THE ENGINEER FOR REVIEW AND ACCEPTANCE TO ENSURE CONFORMANCE WITH THE CONTRACT DOCUMENTS AND THEN TO MASSDOT FOR REVIEW AND APPROVAL. DESIGN SHALL ENCOMPASS THE RIGID FRAME AND FOUNDATIONS, WINGWALLS AND FOUNDATIONS, CONNECTION OF HEADWALLS TO RIGID FRAME, AND CORBELS. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED PRIOR TO FABRICATION FOR ALL PRECAST CONCRETE ELEMENTS. SHOP DRAWINGS SHALL SHOW JOINT DETAILS AND REINFORCEMENT SIZE AND LOCATION.

3. FINAL SHOP DRAWINGS AND COMPUTATIONS DETAILING THE PROPOSED RIGID FRAME DESIGN SHALL BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER REGISTERED IN THE COMMONWEALTH OF MASSACHUSETTS FOR FINAL CHAPTER 85 SECTION 35 REVIEW AND APPROVAL. ALL FINAL SHOP DRAWINGS AND DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND MASSDOT FOR FINAL REVIEW AND APPROVAL. FINAL CHAPTER 85 APPROVAL IS REQUIRED PRIOR TO FABRICATION FOR ALL PRECAST ELEMENTS. PROVIDE CHAPTER 85 FINAL APPROVAL STAMP TO ALL DRAWING SHEETS PRIOR TO SUBMISSION TO MASSACHUSETTS DEPARTMENT OF TRANSPORTATION AS SHOWN BELOW.

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
APPROVED UNDER PROVISIONS OF MASS. GEN. LAWS CH 85 S 35

STATE BRIDGE ENGINEER _____ DATE _____

4. CHANGES OR MODIFICATIONS DURING THE FABRICATION PROCESS MUST BE SUBMITTED TO THE ENGINEER FOR ACCEPTANCE AND THEN TO MASSDOT FOR APPROVAL AND INCORPORATED INTO THE FINAL AS-BUILT DRAWINGS.

5. DIMENSIONS SHOWN FOR THE PRECAST CONCRETE ELEMENTS ARE APPROXIMATE AND BASED ON CONCEPTUAL DESIGN. NO ADJUSTMENTS TO QUANTITIES OR PAYMENTS WILL BE MADE AS A RESULT OF PROVIDING PRECAST UNITS SIZED DIFFERENTLY THAN SHOWN ON THE PLANS. CONTRACTOR TO ADJUST OVERALL BRIDGE GEOMETRY AS NEEDED IF PRECAST ELEMENT SIZES SELECTED BY CONTRACTOR DIFFER. SEE ALSO SPECIAL PROVISIONS SECTION 995.

6. THE QUALITY OF MATERIALS, THE PROCESS OF MANUFACTURE, AND THE FINISHED PRECAST UNITS SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ENGINEER.

7. JOINTS BETWEEN ABUTTING PRECAST UNITS SHALL BE MECHANICALLY CONNECTED, WATERTIGHT, GROUTED, AND MEMBRANED. SEE JOINT DETAILS ON SHEET 14.

8. WATERPROOF MEMBRANE SHALL BE PROVIDED OVER THE STRUCTURE ACROSS THE ENTIRE ROADWAY WIDTH.

9. SHEET MEMBRANE SHALL BE 2' WIDE WITH PROTECTION BOARD (SUBSIDIARY) AND PLACED CENTERED OVER ALL HORIZONTAL AND VERTICAL EXPANSION AND CONSTRUCTION JOINTS.

10. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH WATER REPELLENT (SILANE/SILOXANE).

11. PRECAST CONCRETE HEADWALL ANCHORAGES, CURBS/HEADWALLS, AND RIGID FRAME SECTIONS SHALL BE DESIGNED TO ACCOUNT FOR ALL EARTH PRESSURE, LIVE LOAD SURCHARGES, AND BRIDGE RAILING LIVE LOAD AS SPECIFIED IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS FOR NCHRP 350 TL-2 TEST LEVEL.

12. WEEP HOLES SHALL BE PLACED 1'-0" (TYP.) ABOVE THE TOP OF THE PEDESTAL FOOTING AND ONE (1) WEEP SHALL BE PROVIDED ON BOTH SIDES OF EACH RIGID FRAME OR WINGWALL UNIT OR 10'-0" (MAX.) SPACING ALONG FOOTING.

13. FOOTINGS SHALL HAVE A KEYWAY WITH THE SPECIFIED DIMENSIONS. GROUT SHALL BE PLACED AROUND THE BOTTOM OF THE RIGID FRAME OR WINGWALL AND TO THE TOP OF THE KEYWAY.

14. TOP SURFACES OF FOOTING UNITS SHALL BE SET UNIFORMLY TRUE & LEVEL TO A TOLERANCE OF +/- 1/8".

15. DEWATERING IS REQUIRED AT EACH FOUNDATION LOCATION TO CONTROL THE WATER INFLOW AND ADEQUATELY DEWATER THE FOOTING EXCAVATION. SUMP PUMPING AREAS AROUND THE ENTIRE PERIMETER SHALL BE REQUIRED TO ADEQUATELY CONTROL THE GROUNDWATER WITHIN THE EXCAVATION AREAS. DEWATERING SHALL BE CONTINUOUS UNTIL THE PRECAST CONCRETE RIGID FRAME AND WINGWALLS ARE BACKFILLED EVENLY ON BOTH SIDES TO THE ELEVATIONS OF THE SURROUNDING WATER TABLE, UNLESS OTHERWISE DIRECTED.

16. ANY PROPOSED DEWATERING SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW AND ACCEPTANCE.

17. THE CONTRACTOR SHALL SUBMIT DRAWINGS AND DESIGN CALCULATIONS, SEALED AND SIGNED BY A CURRENTLY REGISTERED MASSACHUSETTS PROFESSIONAL ENGINEER TO THE ENGINEER FOR REVIEW AND ACCEPTANCE OF THE PROPOSED SHORING AND SUPPORT OF EXCAVATION. SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED PRIOR TO FABRICATION AND INSTALLATION FOR ALL SHORING AND SUPPORT OF EXCAVATION ELEMENTS.

18. WATER PUMPED FROM DEWATERING LOCATIONS SHALL BE FILTERED ADEQUATELY TO REMOVE FINE MATERIALS PRIOR TO RETURNING THE WATER TO THE RIVER/BROOK. ACTUAL LOCATION OF SEDIMENTATION BASIN TO BE DETERMINED BY CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

19. ANY FOUNDATION MATERIALS WEAKENED AS A RESULT OF INSUFFICIENT CARE WHILE MAINTAINING A DEWATERED CONDITION SHALL BE REMOVED AND REPLACED WITH GRAVEL BORROW (M1.03.0 TYPE A) OR CRUSHED STONE AT NO EXPENSE TO THE OWNER.

20. REINFORCEMENT OF THE PRECAST UNITS SHALL HAVE A 2" MINIMUM CLEAR COVER IN THE TOP FACE OF TOP SLAB, INSIDE FACE OF SIDEWALLS, AND HEADWALLS. ALL OTHER REINFORCEMENT IN THE PRECAST UNITS SHALL HAVE A 1½" MINIMUM CLEAR COVER. ANY CAST-IN-PLACE CONCRETE SHALL MEET AASHTO COVER REQUIREMENTS.

21. A CORROSION INHIBITOR CONCRETE ADDITIVE SHALL BE INCLUDED AS PART OF THE CONCRETE MIX FOR CONCRETE CURBS/HEADWALLS.

22. DATE TO BE PLACED ON THE INSIDE NORTHEAST FACE AND INSIDE SOUTHWEST FACE HIGHWAY GUARDRAIL TRANSITIONS. CONTRACTOR SHALL FURNISH A SHEET SHOWING SIZE AND CHARACTER OF NUMERALS. THE DATE USED SHALL BE THE LATEST YEAR OF CONTRACT COMPLETION AS OF THE DATE THE FIRST HIGHWAY GUARDRAIL TRANSITION IS CONSTRUCTED. BOTH HIGHWAY GUARDRAIL TRANSITIONS SHALL FEATURE THE SAME DATE.

23. ALL EXPOSED EDGES OF CONCRETE SHALL BE CHAMFERED 3/4", UNLESS OTHERWISE NOTED.

24. SHEAR KEYS SHALL BE 3" HIGH BY ONE-THIRD THE WIDTH OF THE CONCRETE ELEMENT, CENTERED, WITH 3" MIN. CLEAR ON EACH SIDE.

25. APPLY PAVEMENT JOINT ADHESIVE ALONG ALL LONGITUDINAL JOINTS BETWEEN PAVEMENT PASSES AND ALONG BRIDGE CURB LINES AND EXPANSION JOINT ARMORING PRIOR TO PLACING ALL PAVEMENT COURSES.

26. FACES OF PRECAST CONCRETE TO BE BACKFILLED AGAINST SHALL BE COATED WITH DAMP-PROOFING IN ACCORDANCE WITH THE SPECIFICATIONS.

LEGEND

EXISTING	PROPOSED	DESCRIPTION
		MAIL BOX
		CONCRETE POST
		BOULDER
		BENCHMARK
X WF ##-##		WETLAND FLAG
		SIGN AND POST
		GATE VALVE
		HYDRANT
		UTILITY POLE
OE	OE	OVERHEAD UTILITY
W	W	WATER MAIN
		INTERMEDIATE CONTOURS
		INDEX CONTOURS
E		PROPERTY LINE OR APPROXIMATE PROPERTY LINE
		EDGE OF PAVEMENT
		CENTERLINE
		CURB
		GUARDRAIL
		LIMITS OF WORK
		EROSION CONTROL BARRIER
		COFFER DAM
		MEAN HIGH WATER/BANK
		BORDER OF VEGETATED WETLAND
		30-FOOT NO DISTURBANCE ZONE
		100-FOOT BUFFER ZONE
		200-FOOT RIVERFRONT AREA
		BORDERING LAND SUBJECT TO FLOODING
		DEMOLISH
		MODIFIED ROCKFILL SURFACE RESTORATION
		DUMPED RIPRAP BANK RESTORATION AND STABILIZATION
		BANK RESTORATION AND STABILIZATION

ABBREVIATIONS

ADJ	ADJUST
BIT	BITUMINOUS
BL	BASELINE
BLSF	BORDERING LAND SUBJECT TO FLOODING
BO	BY OTHERS
BOT	BOTTOM
CCW	CEMENT CONCRETE WALK
CL	CENTERLINE
CMP	CORROGATED METAL PIPE
CONC	CONCRETE
CY	CUBIC YARD
DIA	DIAMETER
E	EAST
EL/ELEV	ELEVATION
EOP	EDGE OF PAVEMENT
EW	EACH WAY
EXIST	EXISTING
HMA	HOT MIX ASPHALT
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
MSE	MECHANICALLY STABILIZED EARTH
N	NORTH
NTS	NOT TO SCALE
N/A	NOT APPLICABLE
OC	ON CENTER
OH	OVERHEAD
PC	POINT OF CURVATURE
PGL	PROPOSED GRADE LINE
PI	POINT OF INTERSECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
RET UP	RETAIN UTILITY POLE
ROW	RIGHT OF WAY
RT	RIGHT
R&D	REMOVE AND DISPOSE
R&R	REMOVE AND RESET
S	SOUTH
SF	SQUARE FOOT
SOE	SUPPORT OF EXCAVATION
TYP	TYPICAL
UP	UTILITY POLE

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER 3/17/2023 DATE

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
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02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_3-4_GEN_NOTES.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

GENERAL NOTES, LEGEND, AND ABBREVIATIONS (SHEET 2 OF 2)

SCALE: NO SCALE

SHEET 4
SHEET 4 OF 24

Last Saved: 6/17/2022
Plotted: Feb 09, 2023-1:18pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_3-4_GEN_NOTES.dwg

30–FOOT NO DISTURBANCE ZONE (TYP)

100–FOOT BUFFER ZONE (TYP)

200–FOOT RIVERFRONT AREA (TYP)

STA 102+02
CULVERT HEADWALL

DEMOLISH EXISTING CULVERT AND HEADWALLS

STA 0+55 TO STA 1+60
R&D EXIST WATER MAIN

STA 1+60
CUT AND CAP
EXIST WATER MAIN

STA 0+50 TO STA 2+00
R&D EXISTING
ROADWAY AND
SIDEWALK/ BERM

R&R UP
(BO)

SAWCUT END
R&D PAVEMENT

RIGHT–OF–WAY
(TYP)

WILDER BROOK

103+00

BORDERING LAND
SUBJECT TO FLOODING
(ELEV=975.3) (TYP)

STA 0+55
CUT AND CAP
EXIST WATER MAIN

TEMPORARY RELOCATED UP
(BO)

SAWCUT BEGIN
R&D PAVEMENT

KEYES ROAD
CONSTRUCTION BASELINE

TEMPORARY OVERHEAD
UTILITIES (BO)

EXISTING 12" WATER MAIN

SED–2A
SED–2B
SED–2C

INVERT
3' W BI FT CMP
ELEV: 969.18'

0+00 L1 PC +20.85

STA 0+00
N: 3038366.9264
E: 517772.0766

0+50 PT +73.04

1+00

+50

L2

2+00

2+50

STA 2+50
N: 3038366.9264
E: 517772.0766

KEYES ROAD

EDGELL AVE

BENCHMARK:
BMK MAG NAIL IN HUB
ELEV: XX.XX'

INVERT
INV 8 FT CMP
ELEV: 969.04'

EROSION CONTROL
BARRIERS (TYP)

R&R UP
(BO)

SED–1A
SED–1B
SED–1C

TEMPORARY COFFER
DAM (TYP)

BANK (TYP)

WILDER BROOK
CONSTRUCTION
BASELINE

STA 101+31
CULVERT HEADWALL

SAWCUT BEGIN
R&D PAVEMENT

R&D BOULDERS IN
EXISTING SLOPE

NOTES:
1. ALL OF THE PROPOSED WORK IN UPLANDS IS LOCATED WITHIN THE 100–FOOT BUFFER ZONE AND THE 200–FOOT RIVERFRONT AREA.
2. REFER TO SHEETS 13 AND 14 FOR CONSTRUCTION STAGING.

0 20' 40'
SCALE: 1" = 20'

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
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Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_5-9_SITE PLAN DETAILS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

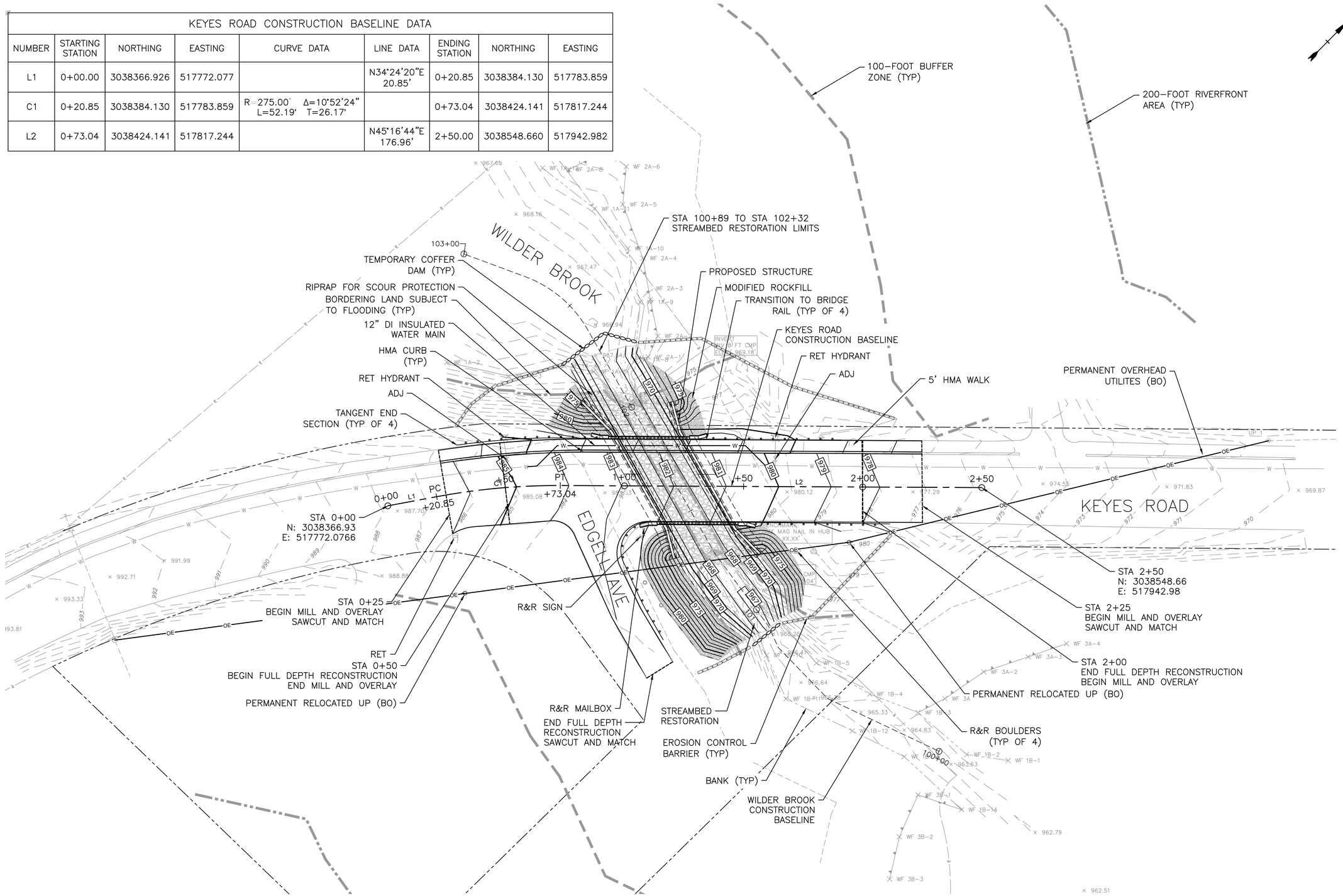
EXISTING CONDITIONS AND DEMOLITION PLAN

SCALE: 1" = 20'

SHEET 5
SHEET 5 OF 24

Last Saved: 2/2/2023
Plotted On: Feb 09, 2023-1:18pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings, Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_5-9_SITE PLAN DETAILS.dwg

KEYES ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L1	0+00.00	3038366.926	517772.077		N34°24'20"E 20.85'	0+20.85	3038384.130	517783.859
C1	0+20.85	3038384.130	517783.859	R=275.00' Δ=10°52'24" L=52.19' T=26.17'		0+73.04	3038424.141	517817.244
L2	0+73.04	3038424.141	517817.244		N45°16'44"E 176.96'	2+50.00	3038548.660	517942.982



NOTES:

1. ALL OF THE PROPOSED WORK IN UPLANDS IS LOCATED WITHIN THE 100-FOOT BUFFER ZONE AND THE 200-FOOT RIVERFRONT AREA.
2. REFER TO SHEETS 13 AND 14 FOR POTENTIAL CONSTRUCTION PHASING.

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — 3/17/2023 DATE

Tighe&Bond

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No. 52674
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_5-9_SITE PLAN DETAILS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

SITE PLAN

SCALE: 1" = 20'

SHEET 6
SHEET 6 OF 24

Last Saved: 2/2/2023
Plotted On: Feb 09, 2023 - 1:19pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings, Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_5-9_SITE PLAN DETAILS.dwg

EROSION CONTROL NOTES:

1. ALL EROSION CONTROL MEASURES SHOWN, SPECIFIED AND REQUIRED BY THE ENGINEER SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION OR IMMEDIATELY UPON REQUEST. MAINTAIN ALL SUCH CONTROL MEASURES UNTIL FINAL SURFACE TREATMENTS ARE IN PLACE AND/OR UNTIL PERMANENT VEGETATION IS ESTABLISHED.
2. MAINTAIN AN ADDITIONAL SUPPLY OF EROSION CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD.
3. PRIOR TO STARTING WORK, CLEARLY STAKE WORK LIMIT LINE(S). DO NOT DISTURB VEGETATION AND TOPSOIL BEYOND THE NEW LIMIT LINE. COORDINATE WITH THE ENGINEER THE LOCATIONS FOR THE TEMPORARY STOCKPILING OF TOPSOIL DURING CONSTRUCTION.
4. SIDE SLOPES, AND DISTURBED VEGETATED AREAS, SHALL BE A MAXIMUM GRADE OF 2:1 COMPACTED, STABILIZED, LOAMED AND SEEDED AS SHOWN ON DRAWINGS. SIDE SLOPES SHALL BE IMMEDIATELY FINE GRADED AND SEEDED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
5. SILT TRAPPED AT BARRIERS SHALL BE REMOVED AND DISPOSED OF IN UPLAND AREAS OUTSIDE BUFFER ZONES. MATERIALS DEPOSITED IN ANY TEMPORARY SETTLING BASIN SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT. ALL DISTURBED AREAS SHALL BE RESTORED.
6. INSTALL EROSION CONTROLS AT THE EDGE OF NEW WORK. EROSION CONTROLS SHALL ACT AS LIMIT OF WORK LINE TO HELP ENSURE THAT EQUIPMENT DOES NOT DISTURB ADJACENT PROPERTIES.
7. ADDITIONAL EROSION CONTROLS MAY BE REQUIRED TO LIMIT SEDIMENTS FROM DISCHARGING TO ADJACENT PROPERTIES OR WATERWAYS.
8. PROPERLY STABILIZE AND PROTECT TEMPORARY STOCKPILES OF MATERIALS RELATED TO THE CONSTRUCTION ACTIVITIES TO LIMIT MOVEMENT OF MATERIAL ONTO ADJACENT PARCELS, OR INTO THE STREAM.
9. STABILIZE THE AREAS OF CONSTRUCTION ACTIVITIES AT THE CLOSE OF EACH CONSTRUCTION DAY. CHECK EROSION CONTROLS AT THIS TIME AND MAINTAIN OR REINFORCE IF NECESSARY
10. PROTECT NEW WORK FROM FLOODING. PROPERLY SLOPE GRADING IN THE AREAS SURROUNDING ALL EXCAVATIONS TO LIMIT WATER FROM RUNNING INTO THE EXCAVATED AREA OR TO ADJACENT PROPERTIES. UPON COMPLETION OF THE WORK, RESTORE ALL AREAS IN A SATISFACTORY MANNER.
11. ALL SILT–LADEN WATER MUST BE SETTLED OR FILTERED TO REMOVE ALL SEDIMENTS PRIOR TO RELEASE TO AN UPLAND AREA, IN A SEDIMENTATION OR FILTER BAG LOCATED DOWN GRADIENT.
12. DEWATER AS NECESSARY TO KEEP CONSTRUCTION AREAS FREE OF WATER, DISCHARGE WATER FROM DEWATERING TO APPROPRIATE UPLAND LOCATION AND WITHOUT SEDIMENT (SEE DEWATERING REQUIREMENTS).
13. AT THE END OF EACH WORK DAY, ANY SEDIMENTS TRACKED ONTO PUBLIC RIGHTS–OF–WAY BEYOND THE PROJECT LIMITS SHALL BE SWEPT.

IN–SITU WETLAND RESTORATION NOTES:

1. STABILIZATION OF DISTURBED AREAS OR NEW SOIL SHALL BE IMPLEMENTED WITHIN 14 DAYS AFTER GRADING OR CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. APPROPRIATE VEGETATIVE SOIL STABILIZATION IS TO BE USED TO MINIMIZE EROSION. TEMPORARY OR PERMANENT VEGETATIVE COVER IS TO BE ESTABLISHED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, USING HYDRO–SEEDING, BROADCASTING, OR OTHER APPROVED TECHNIQUES.
2. TREES AND SHRUBS SHOULD BE PLANTED FIRST AND THEN SEEDING WITH THE SPECIFIED SEED MIX (TABLE 2–3).
3. TREES AND SHRUB SPECIES PLANTING SUBSTITUTIONS MAY BE REQUIRED BASED ON THE AVAILABILITY OF NATIVE MATERIAL. SUBSTITUTIONS SHALL BE APPROVED BY A WETLAND SCIENTIST OR ENGINEER OVERSEEING THE RESTORATION.
4. MAINTAIN VEGETATED SURFACES, INCLUDING WATER, AND RE–SEEDING UNTIL ESTABLISHED CONDITIONS ARE MET AND UNTIL THE END OF THE CONTRACTUAL MAINTENANCE PERIOD.
5. SEED MIX SPECIFIED IN TABLE 2–3 SHALL BE APPLIED BASED ON THE APPLICATION RATE SPECIFIED BY THE SUPPLIER.
6. THE IN–SITU WETLAND RESTORATION AREAS SHALL BE MULCHED WITH STRAW FOLLOWING SEEDING.
7. AREAS WHERE WETLAND TOPSOIL IS SIGNIFICANTLY DISTURBED OR REMOVED ENTIRELY, REPLACE WITH WETLAND SOIL AS SPECIFIED IN INLAND WETLAND REPLACEMENT PLAN NOTE 2 TO MATCH EXISTING GRADE

TABLE 2-3
Seed Mix[1] for Application to Bank and Wetland Restoration Areas and for Wetland Replacement

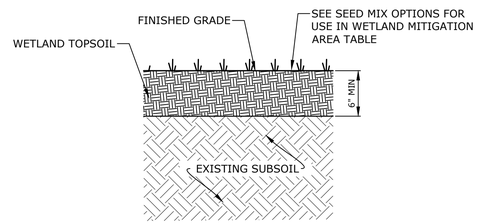
Common Name	Botanical Name[2]	Indicator Status[1]
Fox Sedge	*Carex vulpinoidea*	OBL
Blunt Broom Sedge	*Carex scoparia*	FACW
Lurid Sedge	*Carex lurida*	OBL
Hop Sedge	*Carex lupulina*	OBL
Fowl Bluegrass	*Poa palustris*	FACW
Beggar Ticks	*Bidens frondosa*	FACW
Green Bulrush	*Scirpus atrovirens*	OBL
Swamp Milkweed	*Asclepias incarnata*	OBL
Fringed Sedge	*Carex crinita*	OBL
New York Ironweed	*Vernonia noveboracensis*	FACW
Soft Rush	*Juncus effusus*	OBL
Starved/Calico Aster	*Aster lateriflorus (Symphyotrichum lateriflorum)*	FAC
Blue Flag	*Iris versicolor*	OBL
American Mannagrass	*Glyceria grandis*	OBL
Square Stemmed Monkey Flower	*Mimulus ringens*	OBL
Spotted Joe Pye Weed	*Eupatorium maculatum (Eutrochium maculatum)*	OBL

[1] New England Wetmix (Wetland Seed Mix) Species Composition (New England Wetland Plants, Inc.)
[2] This list was adapted from the New England Wetland Plants, Inc. information sheet as of October 10, 2020.
[3] Indicator status is based on the USDA NRCS Plants Database.

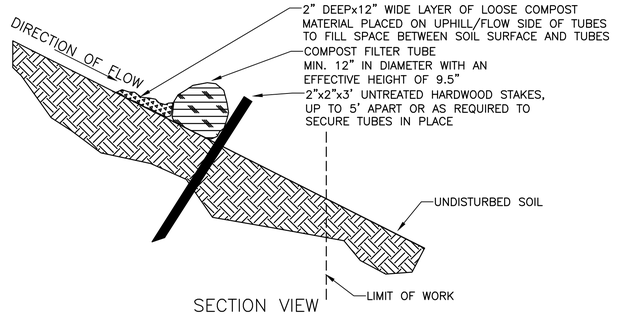
TABLE 2-4
Native Shrubs (tubelings or live stakes) for Bank Restoration[1]

Common Name	Botanical Name	Indicator Status[2]	On center Spacing
Silky Dogwood	*Cornus amomum*	FACW	1-2'
Winterberry	*Ilex verticillata*	FACW	1-2'
Pussy Willow	*Salix discolor*	FACW	1-2'
Bebb Willow	*Salix bebbiana*	FACW	1-2'
Black Willow	*Salix nigra*	OBL	1-2'

[1] Shrubs to be selected from the species listed in this table based on the availability of native nursery stock at the time of installation.
[2] Indicator status is based on the USDA NRCS Plants Database.



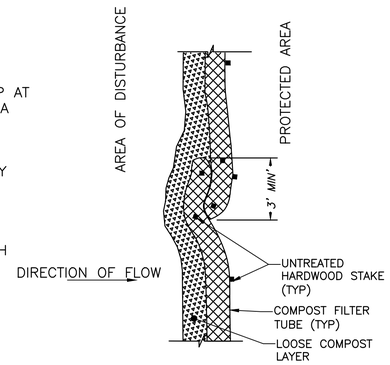
WETLAND TOPSOIL FOR INLAND WETLAND REPLACEMENT AREA
NO SCALE



SECTION VIEW

NOTES:

1. PROVIDE 3' MINIMUM OVERLAP AT ENDS OF TUBES TO JOIN IN A CONTINUOUS BARRIER AND MINIMIZE UNIMPEDED FLOW.
2. STAKE JOINING TUBES SNUGLY AGAINST EACH OTHER TO PREVENT UNFILTERED FLOW BETWEEN THEM.
3. SECURE ENDS OF TUBES WITH STAKES SPACED 18" APART THROUGH TOPS OF TUBES.

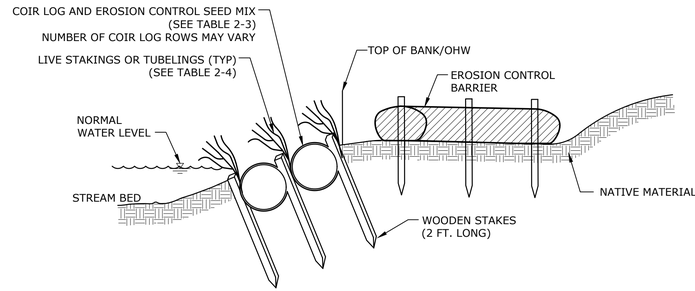


PLAN VIEW – JOINT DETAIL

COMPOST FILTER TUBE NOTES:

1. PROVIDE A MINIMUM TUBE DIAMETER OF 12" FOR SLOPES UP TO 50' IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATION WITH LONGER SLOPES OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
4. CONFIGURE TUBES AROUND EXISTING SITE FEATURES TO MINIMIZE SITE DISTURBANCE AND MAXIMIZE CAPTURE AREA OF STORMWATER RUN–OFF.
5. TUBES FOR COMPOST FILTERS SHALL BE JUTE MESH OR APPROVED BIODEGRADABLE MATERIAL. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
6. TAMP TUBES IN PLACE TO ENSURE GOOD CONTACT WITH SOIL SURFACE. IT IS NOT NECESSARY TO TRENCH TUBES INTO EXISTING GRADE.
7. WHEN STAKING IS NOT POSSIBLE, SUCH AS WHEN TUBES MUST BE PLACED ON PAVEMENT, HEAVY CONCRETE OR CINDER BLOCKS CAN BE USED BEHIND TUBES UP TO 5' APART OR AS REQUIRED TO SECURE TUBES IN PLACE.
8. PROVIDE 3' MINIMUM OVERLAP AT ENDS OF TUBES TO JOIN IN A CONTINUOUS BARRIER AND MINIMIZE UNIMPEDED FLOW.
9. STAKE JOINING TUBES SNUGLY AGAINST EACH OTHER TO PREVENT UNFILTERED FLOW BETWEEN THEM.
10. SECURE ENDS OF TUBES WITH STAKES SPACED 18" APART THROUGH TOPS OF TUBES.

COMPOST FILTER TUBES
NO SCALE



COIR LOG BANK STABILIZATION
NO SCALE

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
MATT WZOREK
CIVIL
No. 52674
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

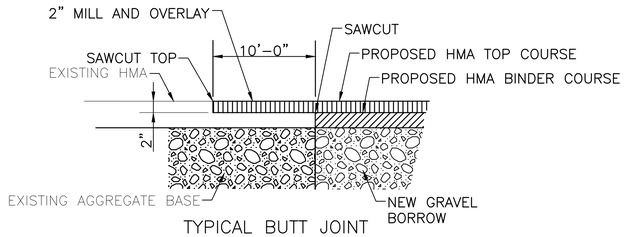
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_5-9_SITE PLAN DETAILS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

CONSTRUCTION DETAILS

SCALE: NO SCALE

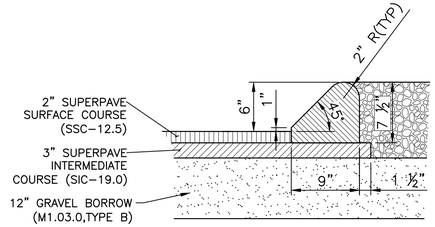
SHEET 7
SHEET 7 OF 24

Last Saved: 2/3/2023
Plotted On: Feb 09, 2023 - 1:19pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_5-9_SITE PLAN DETAILS.dwg



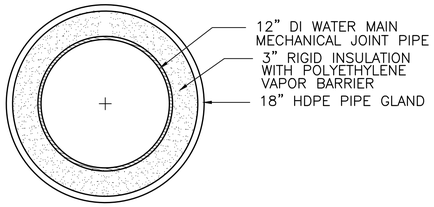
TYPICAL BUTT JOINT
TO EXISTING PAVEMENT

NO SCALE



BITUMINOUS CONCRETE
CURB – TYPE 2

NO SCALE



NOTES:
1. INSULATED WATER MAIN IS REQUIRED WHERE THE WATER MAIN HAS LESS THAN 5' OF COVER.
2. WATER MAIN BENDS LOCATED IN AREAS WITH LESS THAN 5' OF COVER SHALL BE INSULATED.

INSULATED WATERMAIN

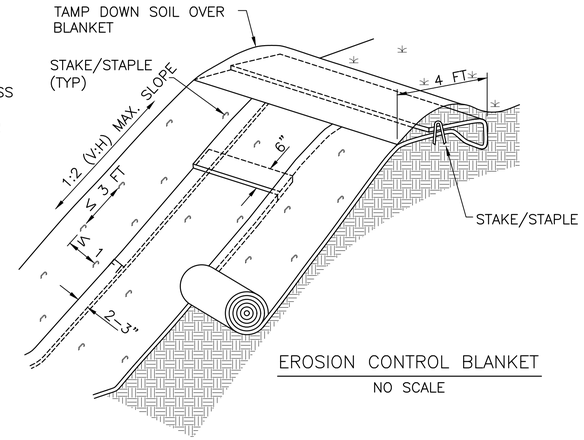
NO SCALE

SIZE (IN.)	FITTING	*MINIMUM RESTRAINED LENGTH, FT. ( ) INDICATES POLYWRAPPED
12"	45° BEND	28 (32)
12"	CAP (DEAD END)	142 (202)
12"	45° VERTICAL UP BEND	28 (32)
12"	45° VERTICAL DOWN BEND	59 (84)

* MINIMUM RESTRAINED LENGTH BASED ON DIPRA, "THRUST RESTRAINT DESIGN FOR DUCTILE IRON PIPE," 7TH EDITION, 2016.

FOLLOWING CONDITIONS APPLY:
SOIL TYPE: SAND SILT
MAX. PRESSURE: 200psi
LAYING CONDITIONS: TYPE 2
BURIED DEPTH: 5'

MINIMUM RESTRAINED LENGTHS FOR DI PIPE

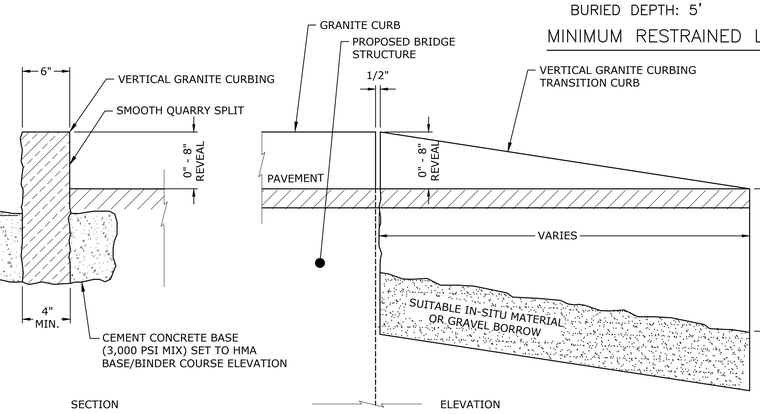


EROSION CONTROL BLANKET

NO SCALE

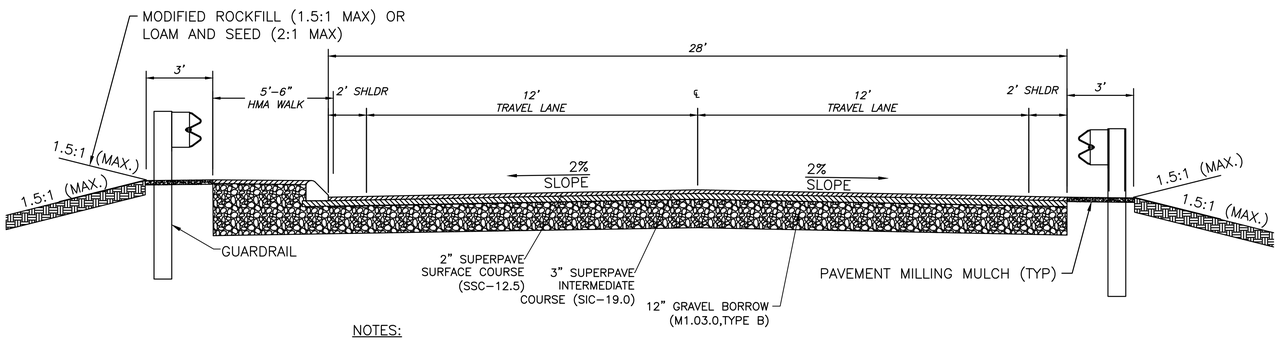
INSTALLATION NOTES:

1. 100% BIODEGRADABLE WEAVE JUTE NET EROSION CONTROL BLANKET OVER 6" LOAM & SEED. DO NOT USE NYLON OR PLASTIC NETTING. IN ALL LOCATIONS WITH A 3:1 SLOPE OR STEEPER. SEED MIX AS SHOWN IN TABLE BELOW.
2. EROSION CONTROL BLANKET SHOULD BE INSTALLED VERTICALLY DOWNSLOPE.
3. STAKES/STAPLES SHOULD BE PLACED NO MORE THAN 3 FT APART VERTICALLY, AND 1 FT APART HORIZONTALLY.
4. SLOPE SURFACE SHOULD BE FREE OF STICKS, ROCKS, AND OTHER OBSTRUCTIONS.
5. BLANKETS SHOULD BE ROLLED OUT LOOSELY AND STAKED/STAPLED TO MAINTAIN DIRECT SOIL CONTACT. DO NOT STRETCH THE BLANKETS.



GRANITE CURB TYPE VA4–TRANSITION

NO SCALE

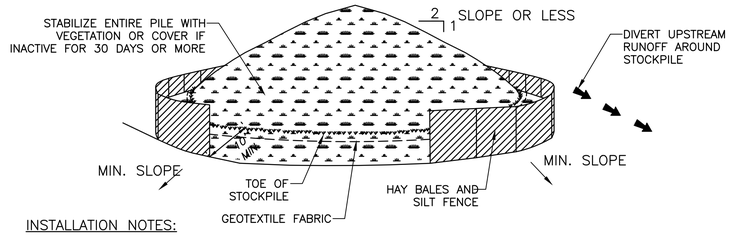


NOTES:

1. REFER TO STRUCTURAL DRAWINGS FOR BRIDGE RAIL LOCATIONS.

KEYES ROAD TYPICAL SECTION

NO SCALE

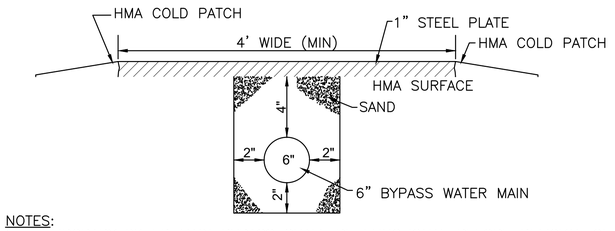


INSTALLATION NOTES:

1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 2H:1V.
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING AND HAYBALES, THEN STABILIZED WITH VEGETATION OR COVERED.

SOIL STOCKPILING

NO SCALE



NOTES:

1. TEMPORARY WATER MAIN BYPASS SHALL BE FUNCTIONAL BEFORE REMOVAL OF EXISTING WATER MAIN. CUT AND CAP EXISTING WATER MAIN BETWEEN EXISTING HYDRANTS AND COORDINATE ANY TEMPORARY WATER MAIN SHUT–DOWNS WITH THE CITY PRIOR TO COMMENCING WORK.
2. SUBMIT TEMPORARY WATER MAIN BYPASS PLAN WHICH SHALL INCLUDE SIZE, MATERIAL, LOCATION, DURATION, AND CONSTRUCTION PHASING.
3. PIPING TO BE PLASTIC OR STEEL WITH A MINIMUM WORKING PRESSURE OF 200 PSI HAVING PREVIOUSLY BEEN USED ONLY FOR LIKE WORK.
4. ALL PIPING OR HOSES CROSSING SIDEWALKS SHALL HAVE COLD PATCH RAMPS.
5. CONTRACTOR SHALL PROVIDE FULL–TIME ON–CALL BYPASS WATCH.
6. BYPASS WATER MAIN PIPE JOINTS SHALL BE SANDBAGGED AS DIRECTED BY THE ENGINEER.

TEMPORARY WATER MAIN BYPASS SECTION

NO SCALE

Tighe&Bond

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DRAWN BY: SDS, RMC
DESIGNED/CHECKED BY: AGB, MPW, AML, JRI
APPROVED BY: DSH

CONSTRUCTION DETAILS

SCALE: NO SCALE

SHEET 8
SHEET 8 OF 24

Last Saved: 2/13/2023
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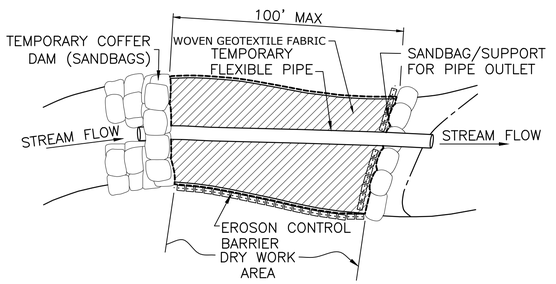
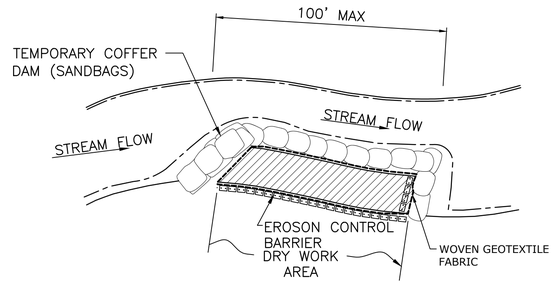
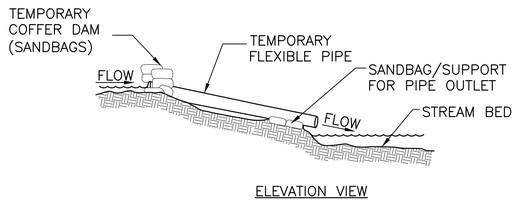


PLAN VIEW – COFFER DAM



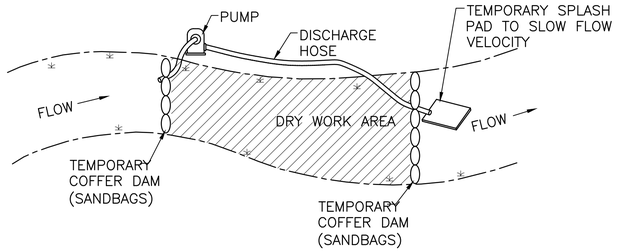
PLAN VIEW – DIVERSION



ELEVATION VIEW

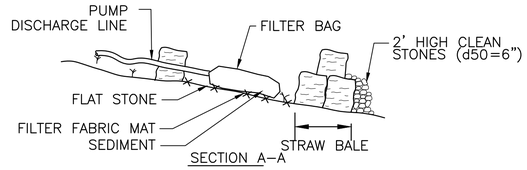
STREAM BYPASS DETAIL (PIPE)

NO SCALE

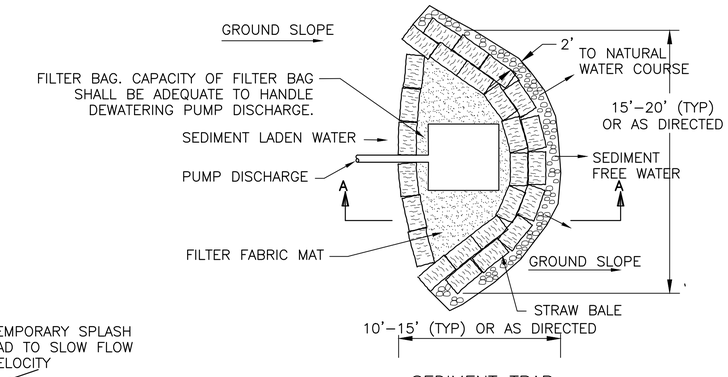


STREAM BYPASS DETAIL (PUMPED)

NO SCALE

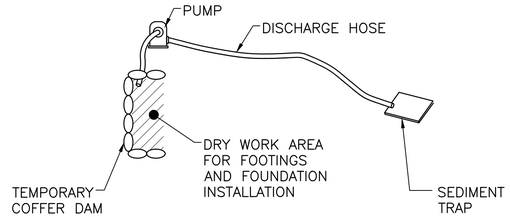


SECTION A–A



SEDIMENT TRAP

NO SCALE



NOTES:

1. DEWATERING EQUIPMENT SHALL REMAIN WITHIN THE PERMANENTLY IMPACTED AREAS.
2. DISCHARGE HOSE SHALL NOT CROSS THE STREAM AT ANY LOCATION

COFFER DAM AND DEWATERING

NO SCALE

WATER CONTROL SEQUENCING:

1. INSTALL A TEMPORARY COFFER DAM UPSTREAM OF THE EXISTING CULVERT PRIOR TO REMOVAL OF THE EXISTING CULVERT. PROVIDE BYPASS FLUME PIPE OR PUMP. SIZE AND PROVIDE A FLUME PIPE OR PUMP WITH ADEQUATE CAPACITY TO ACCOMMODATE STREAM FLOWS AS INDICATED IN THE WATER CONTROL NOTES. SUBMIT AN EMERGENCY CONTINGENCY PLAN FOR A STORM EVENT GREATER THAN THE 2–YEAR STORM.
2. REMOVE AND DISPOSE EXISTING CULVERT, EXCAVATE FOR BRIDGE FOOTINGS, INSTALL BRIDGE FOOTINGS, AND INSTALL THE PROPOSED STREAM BED AND BANK RESTORATION. AT NO POINT SHOULD THE STREAM FLOW OVER NEWLY EXCAVATED EARTH OR OVER AREAS THAT DO NOT HAVE THE FINISHED SURFACE TREATMENT.
3. ABUTMENTS AND THE SUPERSTRUCTURE SHALL THEN BE INSTALLED AND STREAM DIVERSION MAY BE REMOVED AFTER ALL SURFACES HAVE BEEN PROTECTED AGAINST EROSION.
4. STREAM DIVERSION MAY BE USED TO WORK AT INDIVIDUAL ABUTMENTS AND THE FLUME PIPE MAY BE REMOVED, IF THE STREAMBED AREA EXPOSED TO FLOWS HAS BEEN STABILIZED.

WATER CONTROL NOTES:

1. THE ISOLATED WORK AREA WITHIN THE COFFER DAMS MAY BE DEWATERED AS NEEDED TO PERFORM WORK IN THE DRY. ALL WORK MUST BE PERFORMED IN THE DRY. ANY DEWATERING ACTIVITIES SHALL BE PERFORMED USING A DISCHARGE HOSE, FILTER BAG, AND SEDIMENT TRAP (SHOWN ON THIS SHEET).
2. PRIOR TO BEGINNING ANY CONSTRUCTION IN THE STREAM, SUBMIT TO THE OWNER A WORK SEQUENCE INDICATING ANTICIPATED COFFER DAM LOCATIONS, OR ALTERNATE SYSTEM. WORK SHALL ONLY BE PERFORMED DURING LOW FLOW CONDITIONS.
3. THE COFFER DAM WORK MAY BE MODIFIED TO ADDRESS THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION, WITH THE APPROVAL OF THE OWNER.
4. TEMPORARY COFFER DAMS (SAND BAG, JERSEY BARRIER, WATER FILLED BARRIER OR EQUIVALENT; USE OF UNCONSOLIDATED MATERIALS STRICTLY PROHIBITED) WILL BE INSTALLED TO MAINTAIN A DRY WORK AREA DURING CONSTRUCTION ACTIVITIES AND TO LIMIT SEDIMENTATION AS A RESULT OF THE PROPOSED WORK. THE WORK AREA LOCATED WITHIN THE COFFER DAMS SHALL BE DEWATERED. THE COFFER DAMS WILL BE LOCATED WITHIN THE STREAM TO ALLOW INSTALLATION OF BRIDGE FOOTINGS AND FOUNDATIONS AND IN OTHER LOCATIONS WHERE DEWATERING NEAR THE STREAM IS REQUIRED.
5. WATER CONTROLS SHOULD BE DESIGNED FOR A 2–YEAR STORM (PEAK FLOW 58 CFS). PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER DRAWINGS AND CALCULATIONS, STAMPED BY A PROFESSIONAL ENGINEER IN THE STATE OF MASSACHUSETTS, INDICATING THE CONTRACTOR'S METHOD FOR CONTROL OF WATER. THE SUBMITTAL SHALL INCLUDE PROPOSED IMPACT AREAS, RESTORATION METHODS, FLOW RATES, DEWATERING METHODS AND A DETAILED SCHEDULE FOR THE CONTROL OF WATER.
6. AN EXCAVATION SUPPORT SYSTEM MAY BE USED FOR THE CONSTRUCTION OF THE BRIDGE ABUTMENT AND WING WALL FOOTINGS TO PREVENT IMPACTING EXISTING UTILITIES. THE EXCAVATION SUPPORT SYSTEM SHALL CONFORM TO THE PROVISIONS OF SECTION 950.1. THE DESIGN OF THE PROPOSED SUPPORT OF EXCAVATION SYSTEM SHALL BE PERFORMED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF MASSACHUSETTS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR THE PROPOSED SUPPORT OF EXCAVATION SYSTEM FOR REVIEW AND APPROVAL BY THE OWNER. COORDINATE DESIGN OF THE PROPOSED SUPPORT OF EXCAVATION WITH SELECTED WATER CONTROL METHODS.

DEWATERING REQUIREMENTS

PREPARE A DEWATERING PLAN TO ADDRESS THE FOLLOWING CONCERNS AND ADHERE TO THE FOLLOWING REQUIREMENTS:

1. IF THE WATER TABLE IS INTERCEPTED DURING EXCAVATION, WATER COLLECTED IN THE TRENCH SHALL BE PUMPED OUT SO THAT THE WORK CAN BE PERFORMED "IN THE DRY." PROVIDE ADEQUATELY SIZED DEWATERING EQUIPMENT WITH 100% BACKUP AND SEDIMENTATION/EROSION CONTROL STRUCTURES AS DETAILED ON THE CONTRACT DRAWINGS TO ENSURE CONSTRUCTION "IN THE DRY" AND ADEQUATELY PROTECT ADJACENT WETLAND AREAS AND WATERWAYS.
2. ALL GROUNDWATER REMOVED (PUMPED) FROM THE TRENCH EXCAVATION AND DISCHARGED SHALL BE A "CLEAN DISCHARGE." PROVIDE WHATEVER DEVICES ARE REQUIRED TO ACHIEVE THE "CLEAN DISCHARGE." IF THE OWNER'S REPRESENTATIVE DETERMINES THE PUMPED DISCHARGE IS CLEAN (LESS THAN 50 NTU), THE FLOW CAN BE DIRECTED TO AN UPLAND AREA. IF THE OWNER'S REPRESENTATIVE DETERMINES THAT THE FLOW IS NOT CLEAN, DIRECT THAT FLOW TO ONE OR MORE FILTRATION DEVICES FOR THE PURPOSE OF SUBSTANTIALLY REMOVING SUSPENDED SOLIDS FROM THE WATER. THE FILTRATION DEVICES SHALL BE AS SHOWN ON THE DRAWINGS OR APPROVED ALTERNATES SUGGESTED BY THE CONTRACTOR, OR AS REQUIRED BY THE LOCAL PERMITS.
3. OBTAIN ALL NECESSARY STATE AND LOCAL PERMITS RELATING TO DEWATERING ACTIVITIES.
4. DEWATERING DISCHARGE LOCATIONS ARE TO BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE.
5. ANY PROPOSED DEWATERING AND SHORING PROCEDURES SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND ACCEPTANCE. THE DEWATERING/WATER CONTROL AND SHORING/TEMPORARY EARTH SUPPORT SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF MASSACHUSETTS.

Tighe&Bond

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DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

CONSTRUCTION DETAILS

SCALE: NO SCALE

SHEET 9
SHEET 9 OF 24

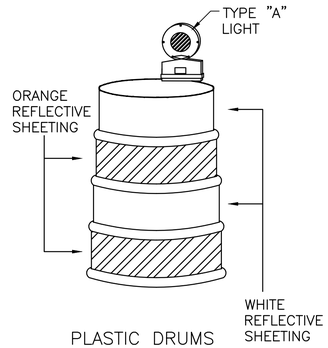
Last Saved: 2/2/2023
Plotted On: Feb 09, 2023-1:19pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_5-9_SITE PLAN DETAILS.dwg

GENERAL NOTES:

1. ALL TEMPORARY TRAFFIC CONTROL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) AND ALL REVISIONS, UNLESS SUPERCEDED BY THESE PLANS.
2. ALL SIGN LEGENDS, BORDERS, AND MOUNTING SHALL BE IN ACCORDANCE WITH THE MUTCD.
3. TEMPORARY CONSTRUCTION SIGNING AND ALL OTHER TRAFFIC CONTROL DEVICES SHALL BE IN PLACE PRIOR TO THE START OF ANY WORK.
4. TEMPORARY CONSTRUCTION SIGNING, BARRICADES, AND ALL OTHER NECESSARY WORK ZONE TRAFFIC CONTROL DEVICES SHALL BE REMOVED FROM THE HIGHWAY OR COVERED WHEN THEY ARE NOT REQUIRED FOR CONTROL OF TRAFFIC.
5. SIGNS AND SIGN SUPPORTS LOCATED ON OR NEAR THE TRAVELED WAY, CHANNELIZING DEVICES, BARRIERS, AND CRASH ATTENUATORS MUST PASS THE CRITERIA SET FORTH IN NCHRP REPORT 350, "RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES" AND/OR "MANUAL FOR ASSESSING SAFETY HARDWARE" (MASH).
6. CONTRACTORS SHALL NOTIFY EACH ABUTTER AT LEAST 24 HOURS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE THE TEMPORARY CLOSURE OF ACCESS, SUCH AS CONDUIT INSTALLATION, EXISTING PAVEMENT EXCAVATION, TEMPORARY DRIVEWAY PAVEMENT PLACEMENT, AND SIMILAR OPERATIONS.
7. THE FIRST FIVE PLASTIC DRUMS OF A TAPER SHALL BE MOUNTED WITH TYPE A LIGHTS.
8. THE ADVISORY SPEED LIMIT, IF REQUIRED, SHALL BE DETERMINED BY THE ENGINEER.
9. MAXIMUM SPACING OF TRAFFIC DEVICES IN A TAPER (DRUMS OR CONES) IS EQUAL IN FEET TO THE SPEED LIMIT IN MPH.
10. MINIMUM LANE WIDTH IS TO BE 11 FEET UNLESS OTHERWISE SHOWN. MINIMUM LANE WIDTH TO BE MEASURED FROM THE EDGE OF DRUMS OR MEDIAN BARRIER.
11. ALL SIGNS SHALL BE MOUNTED ON THEIR OWN STANDARD SIGN SUPPORTS.
12. SIGN MA-R2-10a AND MA-R2-10e SHALL BE LOCATED AT THE PROJECT LIMITS FOR THE DURATION OF THE WORK. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE PROVIDED ON WEST STREET AT BOTH ENDS OF THE PROJECT LIMITS.

LEGEND

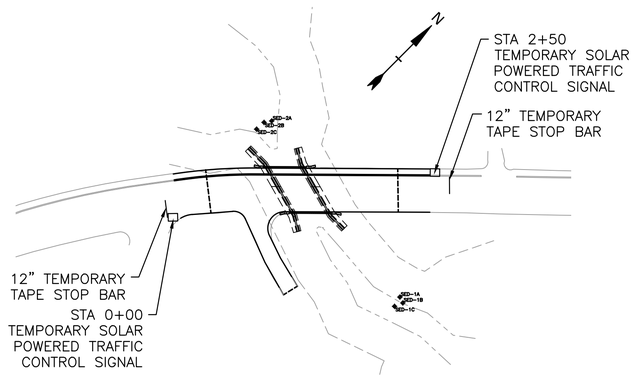
- ● REFLECTORIZED PLASTIC DRUM OR 36" CONE
- P/F POLICE/FLAGGER DETAIL
- TYPE III BARRICADE
- CHANGEABLE MESSAGE SIGN
- ARROW BOARD
- WORK ZONE
- DIRECTION OF TRAFFIC
- IMPACT ATTENUATOR
- MEDIAN BARRIER
- MEDIAN BARRIER WITH WARNING LIGHTS
- WORK VEHICLE
- TRUCK MOUNTED ATTENUATOR
- TRAFFIC OR PEDESTRIAN SIGNAL
- SIGN



PLASTIC DRUMS

NOTES:

1. DRUM DESIGN AND APPLICATION SHALL BE AS PER THE CURRENT EDITION OF THE MUTCD.
2. DRUMS SHALL BE APPROXIMATELY 36" IN HEIGHT, HAVING A MINIMUM WALL THICKNESS OF 3/32" AND A MINIMUM DIAMETER OF 18" REGARDLESS OF ORIENTATION.
3. DRUM MATERIAL MUST BE APPROVED UV RESISTANT, LOW DENSITY, IMPACT RESISTANT, LINEAR POLYETHYLENE (OR APPROVED EQUIVALENT).
4. SHEETING SHALL BE APPROVED ORANGE AND WHITE TYPE IV REFLECTORIZED SHEETING CONFORMING TO M9.30.0.
5. ALL DRUMS SHALL BE WELL MAINTAINED INCLUDING REMOVAL OF DUST OR ROAD FILM, SO AS NOT TO REDUCE REFLECTIVE EFFICIENCY. WHEN A DRUM LOSES TARGET VALUE IT SHALL BE REPLACED.
6. STORE UNUSED DRUMS IN ONE LOCATION, AWAY FROM ALL TRAFFIC, OR REMOVE FROM SITE ENTIRELY.

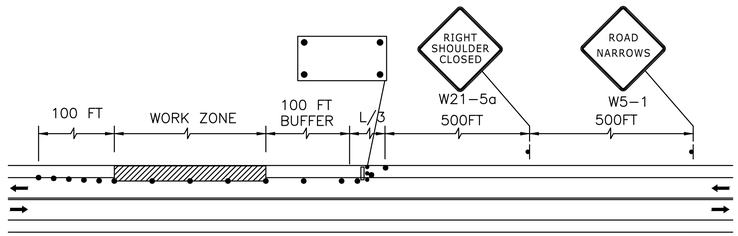


TEMPORARY SIGNAL PLAN

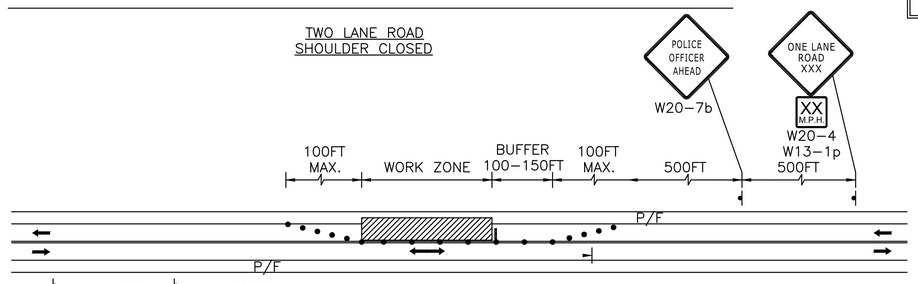
1" = 60'

NOTES:

1. TEMPORARY SIGNALS SHALL BE ADJUSTED FOR VEHICLE DETECTION, TIMING, AND LOCATION DURING CONSTRUCTION.
2. SIGNAL LOCATION SHALL BE COORDINATED WITH THE CONSTRUCTION PHASING PLAN.



TWO LANE ROAD
SHOULDER CLOSED



TWO LANE ROAD
ONE LANE ALTERNATING TRAFFIC

WORK ZONE LIMIT SIGNS
SEE NOTE 12

FORMULAS FOR DETERMINING TAPER LENGTHS

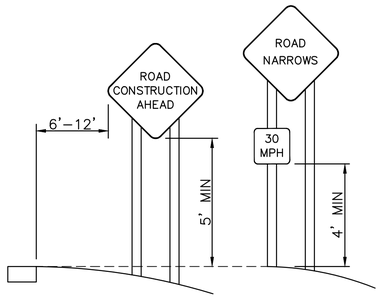
SPEED LIMIT (S)	TAPER LENGTH (L) FEET
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR MORE	L = WS

WHERE:

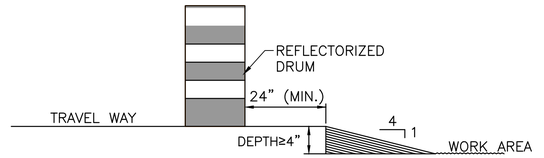
L = TAPER LENGTH IN FEET

W = WIDTH OF OFFSET IN FEET

S = POSTED SPEED LIMIT, OR OFF-PEAK 85TH-PERCENTILE SPEED PRIOR TO WORK STARTING, OR THE ANTICIPATED OPERATING SPEED IN MPH

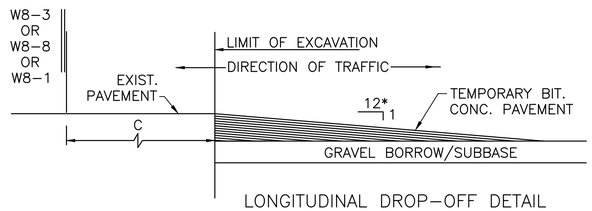


TYPICAL INSTALLATION OF PROJECT SIGNS



LATERAL DROP-OFF DETAIL

NO SCALE



LONGITUDINAL DROP-OFF DETAIL

NO SCALE

* - INCREASE SLOPE RATIO FOR HIGHER SPEEDS

LATERAL AND LONGITUDINAL DROP-OFF DETAILS

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
MATT WZOREK
CIVIL
No. 52674
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_5-9_SITE PLAN DETAILS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

TEMPORARY TRAFFIC CONTROL PLAN

SCALE: AS SHOWN

SHEET 10
SHEET 10 OF 24

Last Saved: 2/2/2023
Plotted: Thursday, Feb 09, 2023 - 1:19pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_5-9_SITE PLAN DETAILS.dwg

ELEVATION (NAVD 88)

985.0
980.0
975.0
970.0
965.0
960.0
955.0
950.0

GROUNDWATER ON 12/20/21 EL 970.0'

TOP OF FOOTING EL 964.25'
APPROX. BOTTOM OF FOOTING EL 962.25'

Tighe&Bond
Engineers | Environmental Specialists

Boring No. **TB-1**
Page 1 of 1
File No. G-0384-060
Checked by: D. Gnatek

Project: Keyes Road Culvert Replacement
Location: Keyes Road over Wilder Brook, Gardner, MA
Client: City of Gardner, MA

Drilling Co. Martin GeoEnvironmental, LLC
Foreman: J. Martin
T&B Rep.: M. Begag
Date Start: 12/20/21 End: 12/20/21
Location See Exploration Location Plan
GS. Elev. ±983 (NAVD88)

	Casing	Sampler
Type	HSA	Split Spoon
I.D./O.D.	4-1/4"/7-5/8"	1-3/8"/2"
Hammer Wt.	-	140#
Hammer Fall	-	30"
Rig Make/Model	Mobile B-53 w/ autohamme	

Groundwater Readings

Date	Time	Depth	Casing	Sta. Time
Refer to Note 1				

Depth (ft.)	Casing Blows Per Ft.	Sample No./Rec.(in)	Sample Depth (ft.)	Blows Per 6"	PID Reading (ppm)	Sample Description	General Stratigraphy	Notes	Well Construction
							0.1' **ASPHALT**		
5		S-1 / 15	0-2	6-7	-	Medium dense, brown, fine to medium SAND, some Silt, little Gravel, dry			
				7-10					
		S-2 / 11	2-4	6-10	-	Medium dense, brown, fine to medium SAND, some Silt, some Gravel, dry			
				10-8					
		S-3 / 6	4-6	5-6	-	Medium dense, brown, fine to medium SAND, little Silt, little Gravel, dry			
				5-5			**EXISTING FILL**		
10		S-4 / 11	10-12	1-2	-	Loose, brown, fine to medium SAND, little Gravel, trace Silt, dry			No Well Installed
				5-5					
							13'	1	
15		S-5 / 12	15-17	8-49	-	Very dense, brown, fine to coarse SAND and GRAVEL, little Silt, moist	**GLACIAL TILL**		
				17-15					
20		S-6 / 8	20-20.7	111-100/2"	-	WEATHERED BEDROCK	20' **WX BEDROCK**	2	
						End of Boring at 20.7' (auger refusal)		3	
25									
30									

Notes:
1. Groundwater estimated at 13' based on driller observation during boring.
2. Auger refusal at 20'. Unable to core due to frozen pump on drill rig.
3. Borehole backfilled at completion of drilling using cuttings.

Proportions Used
TRACE (TR.) 0 - <10%
LITTLE (LI.) 10 - <20%
SOME (SO.) 20 - <35%
AND 35 - <50%

Density/Consistency

VERY LOOSE	0-4	VERY SOFT	<2
LOOSE	4-10	SOFT	2-4
MEDIUM DENSE	10-30	MEDIUM	4-8
DENSE	30-50	STIFF	8-15
VERY DENSE	>50	VERY STIFF	15-30
		HARD	>30

BORING TB-1 (1 OF 1)

GROUNDWATER ON 12/20/21 EL 970.0'

TOP OF FOOTING EL 964.25'
APPROX. BOTTOM OF FOOTING EL 962.25'

Tighe&Bond
Engineers | Environmental Specialists

Boring No. **TB-2**
Page 1 of 1
File No. G-0384-060
Checked by: D. Gnatek

Project: Keyes Road Culvert Replacement
Location: Keyes Road over Wilder Brook, Gardner, MA
Client: City of Gardner, MA

Drilling Co. Martin GeoEnvironmental, LLC
Foreman: J. Martin
T&B Rep.: M. Begag
Date Start: 12/20/21 End: 12/20/21
Location See Exploration Location Plan
GS. Elev. ±980 (NAVD88)

	Casing	Sampler
Type	HSA	Split Spoon
I.D./O.D.	4-1/4"/7-5/8"	1-3/8"/2"
Hammer Wt.	-	140#
Hammer Fall	-	30"
Rig Make/Model	Mobile B-53 w/ autohamme	

Groundwater Readings

Date	Time	Depth	Casing	Sta. Time
Refer to Note 1				

Depth (ft.)	Casing Blows Per Ft.	Sample No./Rec.(in)	Sample Depth (ft.)	Blows Per 6"	PID Reading (ppm)	Sample Description	General Stratigraphy	Notes	Well Construction
		S-1 / 20	0-2	5-17	-	10" Dense, gray/brown, GRAVEL, little fine to coarse Sand, trace Silt, dry, over dense, dark brown, fine to coarse SAND, little Gravel, little Silt, drv			
				28-11					
		S-2 / 9	2-4	6-4	-	Loose, brown, fine to medium SAND, little Gravel, little Silt, dry			
				4-4					
5		S-3 / 11	4-6	5-4	-	Loose, brown, fine to coarse SAND, some Gravel, little Silt, dry			
				3-4			**EXISTING FILL**		
10		S-4 / 14	10-12	4-6	-	Medium dense, brown, fine to coarse SAND, some Gravel, trace Silt, moist		1	No Well Installed
				12-14					
							13'		
15		S-5 / 12	15-16.9	12-15	-	Medium dense, brown, fine to coarse SAND, some Silt, little Gravel, wet (Weathered Bedrock in spoon tip)	**GLACIAL TILL**		
				11-50/5"			16.9'		
		S-6 / 1	17-17.1	50/1"	-	WEATHERED BEDROCK	**W.R.** 17.1'	2	
20		C-1 / 60	17.1-22.1	4:49	-	Moderately hard to hard, slightly to very slightly weathering, moderately to slightly fractured, dark gray, fine to medium grained, MICA SCHIST, shallow to steeply dipping fractures			
				5:16		REC = 60"/60" = 100%			
				3:19		RQD = 28.5"/60" = 47.5%	**BEDROCK**		
				3:03					
				2:43					
						End of Boring at 22.1'		3	
25									
30									

Notes:
1. Groundwater estimated at 10' based on driller observation during boring.
2. Auger refusal at 17.1'.
3. Borehole backfilled with cuttings at completion of drilling.

Proportions Used
TRACE (TR.) 0 - <10%
LITTLE (LI.) 10 - <20%
SOME (SO.) 20 - <35%
AND 35 - <50%

Density/Consistency

VERY LOOSE	0-4	VERY SOFT	<2
LOOSE	4-10	SOFT	2-4
MEDIUM DENSE	10-30	MEDIUM	4-8
DENSE	30-50	STIFF	8-15
VERY DENSE	>50	VERY STIFF	15-30
		HARD	>30

BORING TB-2 (1 OF 1)

ELEVATION (NAVD 88)

985.0
980.0
975.0
970.0
965.0
960.0
955.0
950.0

BORING NOTES

1. LOCATION OF BORINGS SHOWN ON SHEET 2 THUS: B-1
2. BORINGS WERE TAKEN FOR PURPOSE OF DESIGN AND SHOW CONDITIONS AT BORING POINTS ONLY, BUT DO NOT NECESSARILY SHOW THE NATURE OF MATERIALS TO BE ENCOUNTERED DURING CONSTRUCTION.
3. WATER LEVELS SHOWN ON THE BORING LOGS WERE OBSERVED AT THE TIME OF TAKING BORINGS AND DO NOT NECESSARILY SHOW THE TRUE GROUND WATER LEVEL.
4. FIGURES IN COLUMNS INDICATE NUMBER OF BLOWS REQUIRED TO DRIVE A 1 3/8" I.D. SPLIT SPOON SAMPLER 6" USING A 140 POUND WEIGHT FALLING 30".
5. BORING SAMPLES ARE STORED AT TIGHE & BOND'S OFFICE, 53 SOUTHAMPTON ROAD, WESTFIELD, MA 01085. THE CONTRACTOR MAY EXAMINE THE SOIL AND ROCK SAMPLES BY CONTACTING THE DESIGN ENGINEER.
6. ALL BORINGS WERE DRILLED IN DECEMBER 2021.
7. BORINGS WERE DRILLED BY MARTIN GEO ENVIRONMENTAL LLC.
8. THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988 IS USED THROUGHOUT.
9. THE SURFACE ELEVATION ON EACH BORING LOG IS THE ELEVATION OF THE EXISTING GROUND AT THE TIME THE BORING WAS TAKEN.
10. ENGINEERING JUDGEMENT WAS EXERCISED IN PREPARING THE SUBSURFACE INFORMATION PRESENTED HEREIN. ANALYSIS AND INTERPRETATION OF SUBSURFACE DATA WAS PERFORMED FOR DESIGN AND ESTIMATING PURPOSES. PRESENTATION OF THE INFORMATION IN THE CONTRACT IS INTENDED TO PROVIDE THE CONTRACTOR ACCESS TO THE SAME DATA AVAILABLE TO THE OWNER. THE SUBSURFACE INFORMATION IS PRESENTED IN GOOD FAITH AND IS NOT INTENDED AS A SUBSTITUTE FOR PERSONAL INVESTIGATION, INDEPENDENT INTERPRETATION, INDEPENDENT ANALYSIS OR JUDGEMENT BY THE CONTRACTOR.

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
MATT WZOREK
CIVIL
No. 52674
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

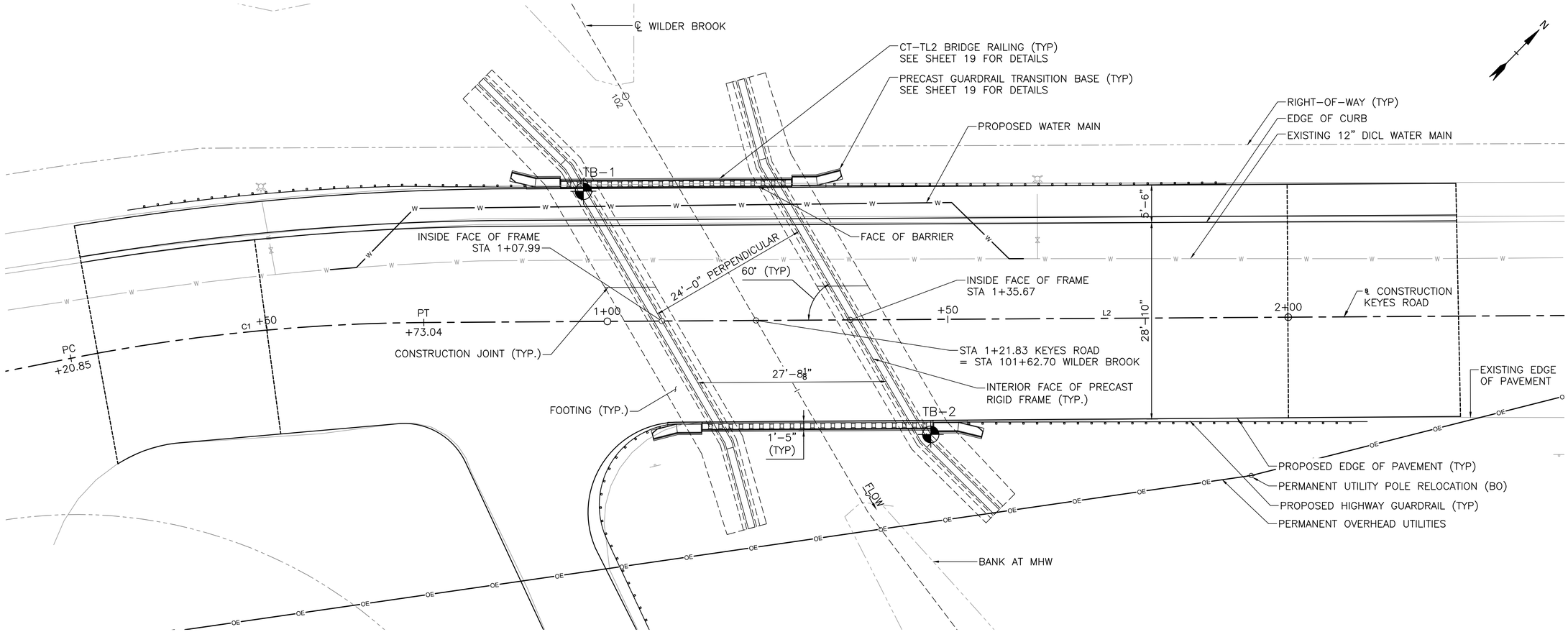
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_10_BORINGS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

BORING LOGS & BORING NOTES

SCALE: NO SCALE

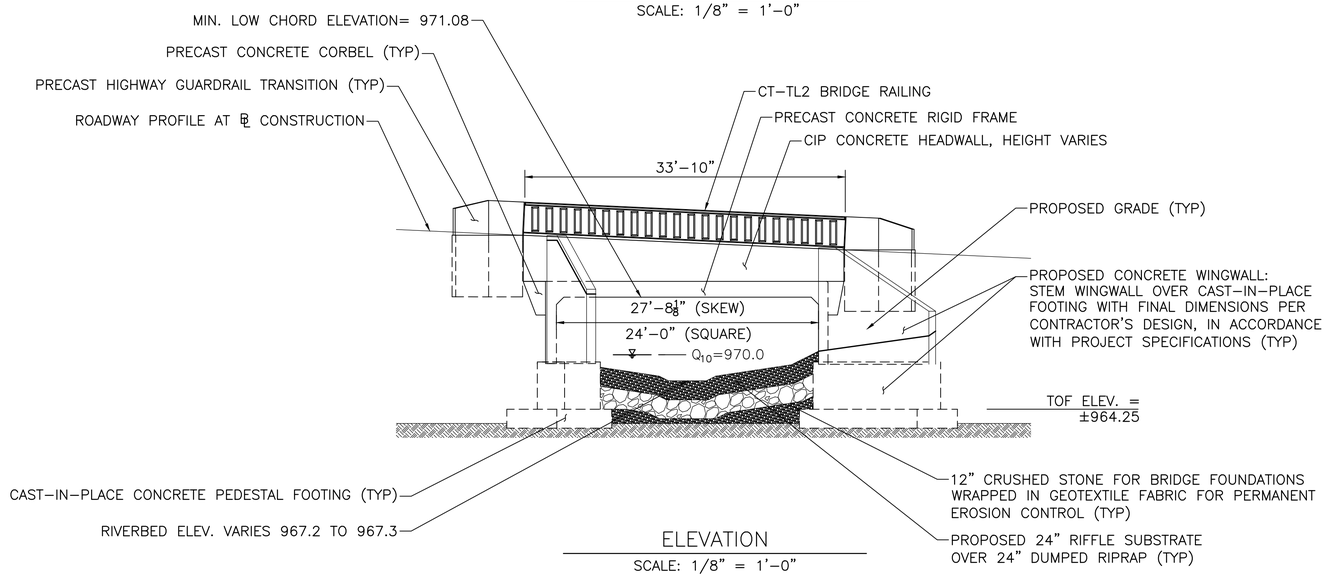
SHEET 11
SHEET 11 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023-1:19pm By: SSak
Tighe & Bond:J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_10_BORINGS.dwg



GENERAL BRIDGE PLAN

SCALE: 1/8" = 1'–0"



ELEVATION

SCALE: 1/8" = 1'–0"

0 8' 16'

SCALE: 1/8" = 1'–0"

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
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No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_11_BRIDGE_PLAN.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

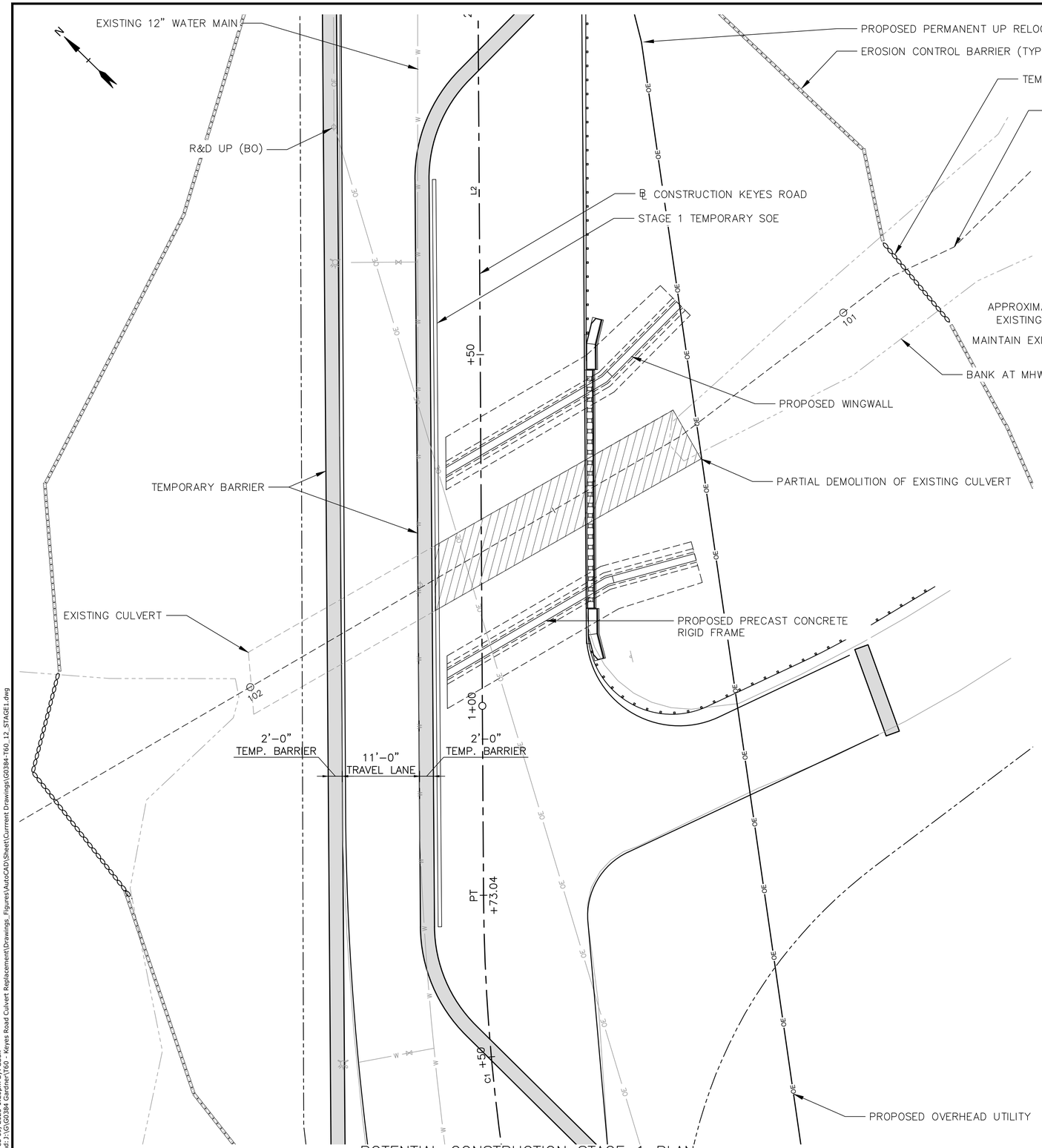
GENERAL BRIDGE PLAN & ELEVATION

SCALE: 1/8" = 1'-0"

SHEET 12

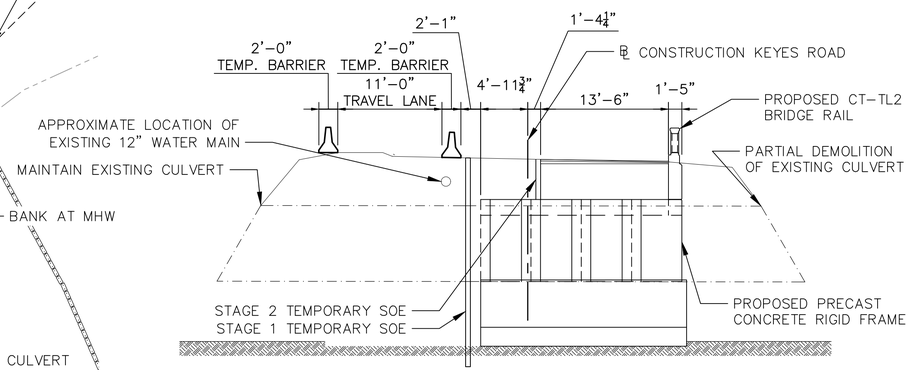
SHEET 12 OF 24

Last Saved: 2/13/2023
Plotted On: Feb 09, 2023 - 1:19pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_ Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_11_BRIDGE_PLAN.dwg



POTENTIAL CONSTRUCTION STAGE 1 PLAN

SCALE: 1/8" = 1'–0"



SECTION

SCALE: 1/8" = 1'–0"

POTENTIAL STAGE 1 CONSTRUCTION SEQUENCE NOTES:

1. RELOCATE OVERHEAD UTILITY LOCATIONS (BY OTHERS).
2. INSTALL TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES.
3. INSTALL SEDIMENT TRAP FOR DEWATERING OF EXCAVATIONS.
4. REMOVE AND DISPOSE EXISTING SIDEWALK AND CURB AND WIDEN ROAD TO THE NORTH. INSTALL TEMPORARY PRECAST CONCRETE BARRIER CURB ALONG NEW NORTH EDGE OF ROAD FOR MAINTENANCE AND PROTECTION OF TRAFFIC.
5. INSTALL TEMPORARY COFFERDAMS AND TEMPORARY STREAM BYPASS.
6. INSTALL TEMPORARY TRAFFIC SIGNALS, CONSTRUCTION SIGNAGE, STRIPING, BARREL ARRAYS, AND TEMPORARY PRECAST CONCRETE BARRIER CURB. MAINTAIN ALTERNATING ONE–WAY TRAFFIC ALONG NORTH EDGE OF ROAD.
7. STABILIZE THE CORRUGATED METAL PIPE (CMP) CULVERT SUCH AS WITH FLOWABLE FILL OR OTHER APPROVED METHOD PRIOR TO COMMENCING DEMOLITION.
8. INSTALL STAGE 1 TEMPORARY SUPPORT OF EXCAVATION WHILE PROTECTING ADJACENT EXISTING UTILITIES.
9. COMPLETE EXCAVATION AND REMOVAL OF EXISTING CMP THROUGH LIMITS OF STAGE 1 CONSTRUCTION.
10. INSTALL GRANULAR FILL, CAST–IN–PLACE FOOTINGS, RIPRAP AND NATURAL STREAMBED MATERIAL THROUGH LIMITS OF STAGE 1 CONSTRUCTION.
11. INSTALL PRECAST RIGID FRAME UNITS AND SOUTH WINGWALLS.
12. CONSTRUCT SOUTH HEADWALL.
13. BACKFILL RIGID FRAME. CONSTRUCT STAGE 2 TEMPORARY SUPPORT OF EXCAVATON/MSE WALL IN CONJUNCTION WITH BACKFILL OPERATION. THE TEMPORARY MSE WALL IS TO RETAIN BACKFILL BEHIND THE FRAME LEGS AND OVER THE TOP OF THE FRAME.
14. CONSTRUCT ROADWAY SUBBASE AND INTERMEDIATE COURSE THROUGH LIMITS OF STAGE 1 CONSTRUCTION. INSTALL TEMPORARY PRECAST CONCRETE BARRIER CURB ALONG NORTH AND SOUTH EDGES OF ROAD THROUGH LIMITS OF STAGE 1 CONSTRUCTION.

0 8' 16'

SCALE: 1/8" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

DANIEL S. HOLMES CIVIL No. 56624 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/09/23

ANDREA LACASSE CIVIL No. 57194 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

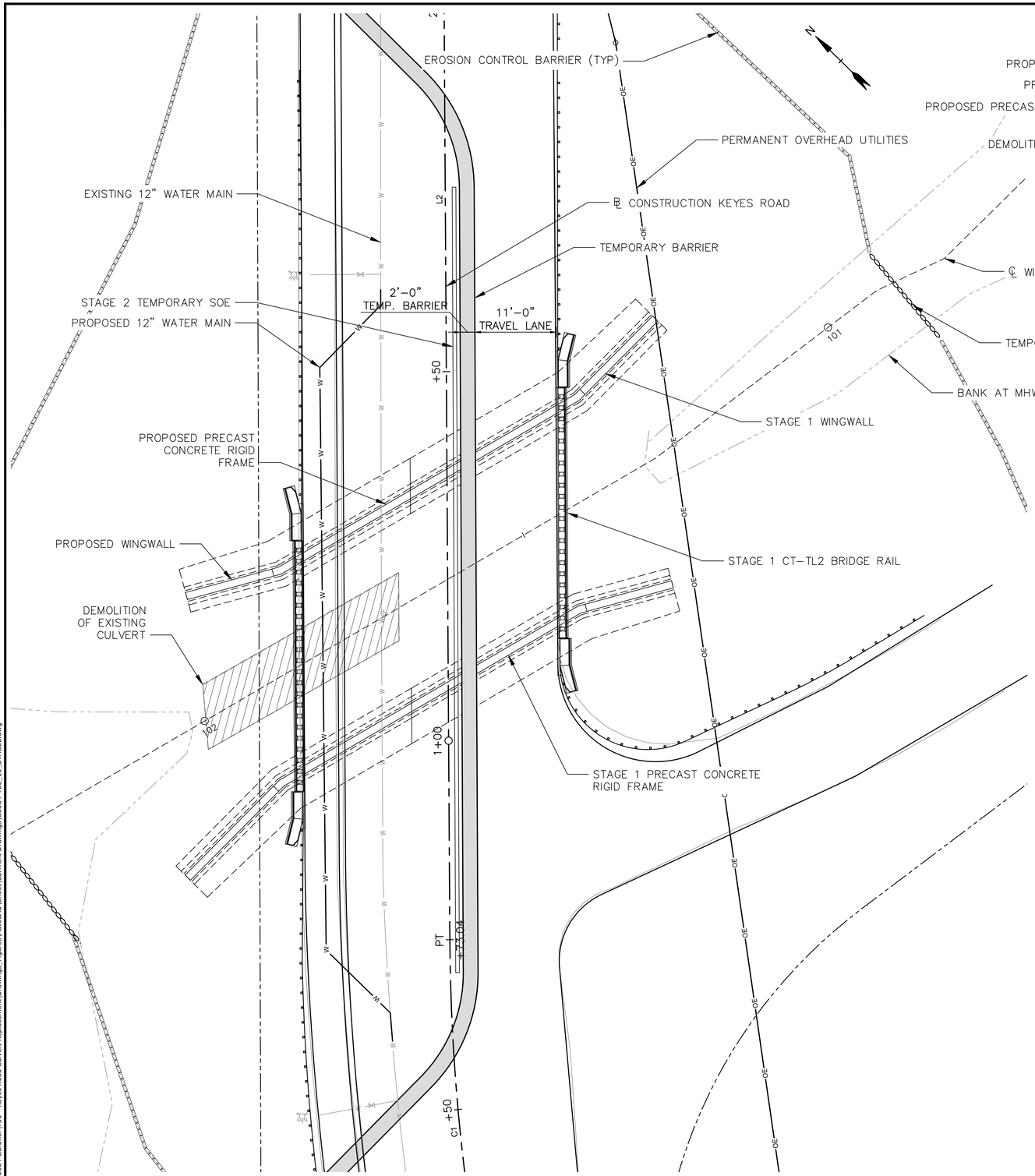
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_12_STAGE1.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

POTENTIAL CONSTRUCTION STAGE 1 PLAN & SECTION

SCALE: 1/8" = 1'-0"

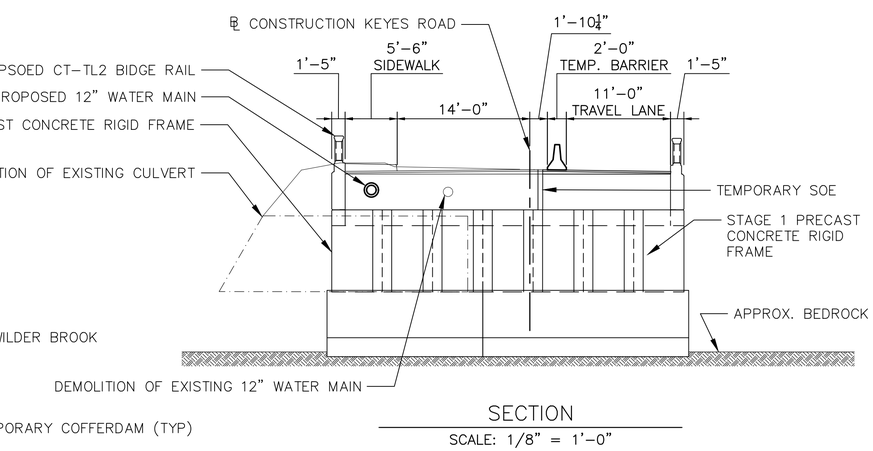
SHEET 13
SHEET 13 OF 24

Last Saved: 2/9/2023
Plotted On: Feb 09, 2023 - 1:20pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_12_STAGE1.dwg



POTENTIAL CONSTRUCTION STAGE 2 PLAN

SCALE: 1/8" = 1'-0"



SECTION

SCALE: 1/8" = 1'-0"

POTENTIAL STAGE 2 CONSTRUCTION SEQUENCE NOTES:

1. RELOCATE SEDIMENT TRAP FOR DEWATERING OF EXCAVATIONS.
2. RELOCATE TEMPORARY PRECAST CONCRETE BARRIER CURB AND BARREL ARRAYS AT PROJECT LIMITS AS REQUIRED TO SHIFT ALTERNATING ONE-WAY TRAFFIC TO NEWLY CONSTRUCTED ROADWAY.
3. RELOCATE TEMPORARY TRAFFIC SIGNALS AND STOP BARS.
4. ESTABLISH TEMPORARY WATER MAIN BYPASS FROM HYDRANT TO HYDRANT AND PROTECT DURING CONSTRUCTION. REMOVE AND DISPOSE EXISTING WATER MAIN.
5. REMOVE ANY TEMPORARY PRECAST CONCRETE BARRIER CURB THAT IS NO LONGER NEEDED FOR TRAFFIC CONTROL. COMPLETE EXCAVATION AND REMOVAL OF EXISTING CMP THROUGH LIMITS OF STAGE 2 CONSTRUCTION.
6. REMOVE STAGE 1 TEMPORARY SUPPORT OF EXCAVATION.
7. INSTALL GRANULAR FILL, CAST-IN-PLACE FOOTINGS, RIPRAP AND NATURAL STREAMBED MATERIAL THROUGH LIMITS OF STAGE 2 CONSTRUCTION.
8. INSTALL REMAINING PRECAST RIGID FRAME UNITS AND NORTH WINGWALLS.
9. CONSTRUCT NORTH HEADWALL.
10. BACKFILL RIGID FRAME. AT STAGE LINE, CUT AND REMOVE ANY PORTION OF THE TEMPORARY MSE WALL THAT WOULD INTERFERE WITH PAVING OPERATIONS.
11. INSTALL PROPOSED WATER MAIN AS SHOWN ON THE SITE PLAN.
12. CONSTRUCT ROADWAY SUBBASE AND INTERMEDIATE COURSE THROUGH LIMITS OF STAGE 2 CONSTRUCTION.
13. CONSTRUCT SIDEWALK, SURFACE COURSE PAVEMENT, GUARDRAIL, AND PAVEMENT MARKINGS THROUGH PROJECT LIMITS.

0 8' 16'

SCALE: 1/8" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
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02/09/23

COMMONWEALTH OF MASSACHUSETTS
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REGISTERED PROFESSIONAL ENGINEER
02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

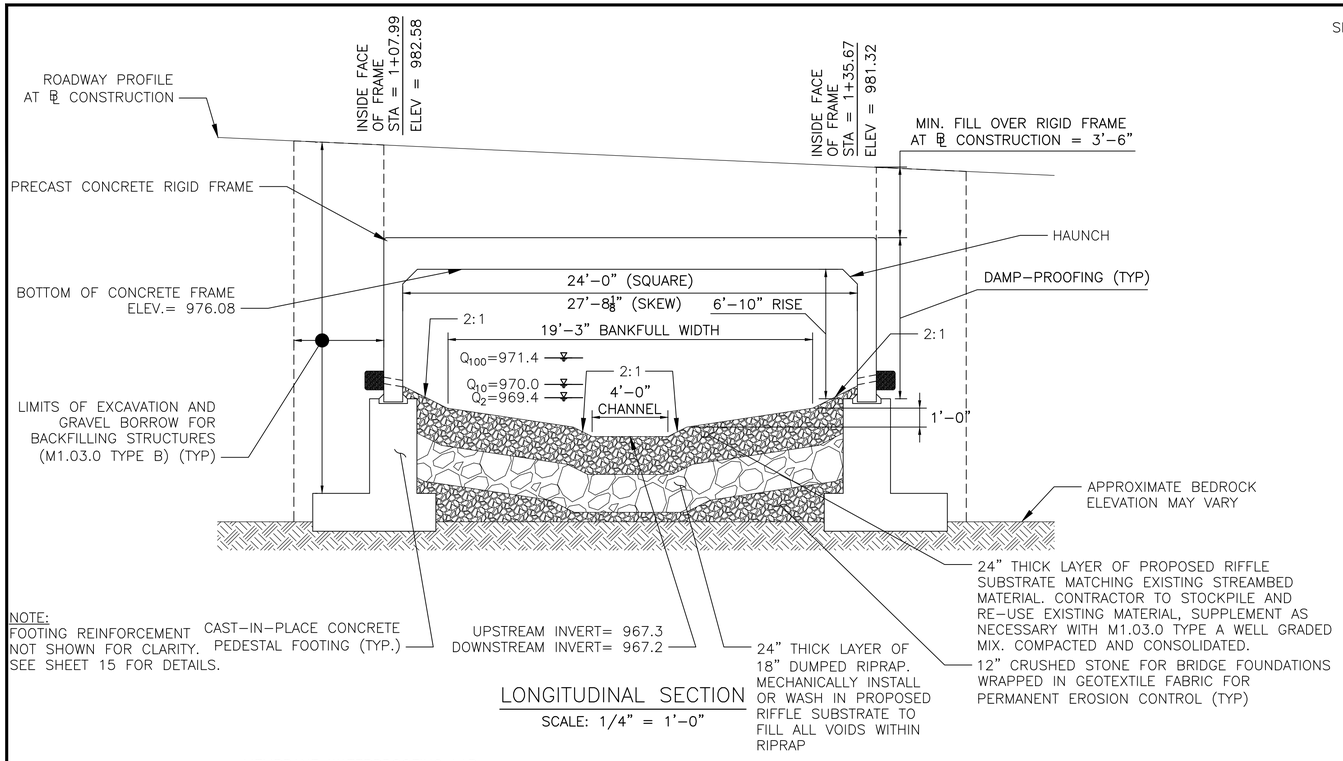
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_13_STAGE2.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

POTENTIAL CONSTRUCTION STAGE 2 PLAN & SECTION

SCALE: 1/8" = 1'-0"

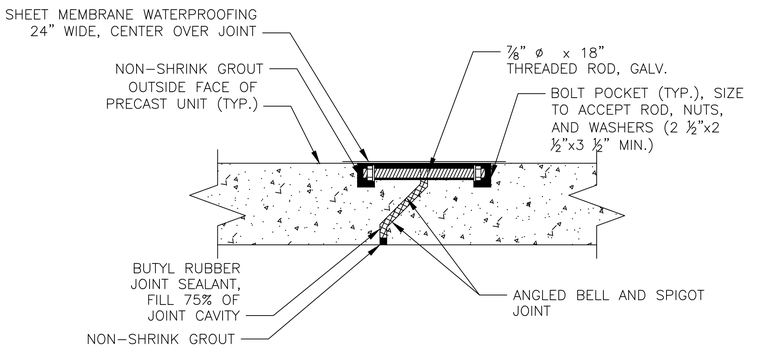
SHEET 14
SHEET 14 OF 24

Last Saved: 2/9/2023
Plotted On: Feb 09, 2023 - 1:20pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_13_STAGE2.dwg



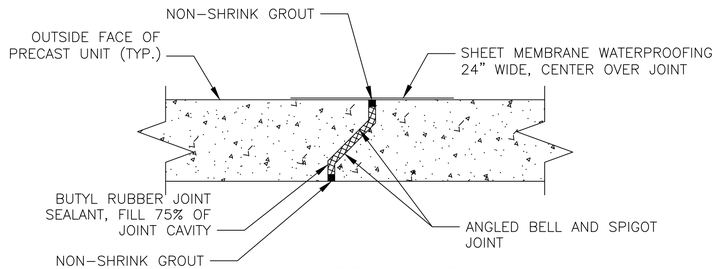
LONGITUDINAL SECTION

SCALE: 1/4" = 1'-0"



MECHANICAL JOINT

NOT TO SCALE

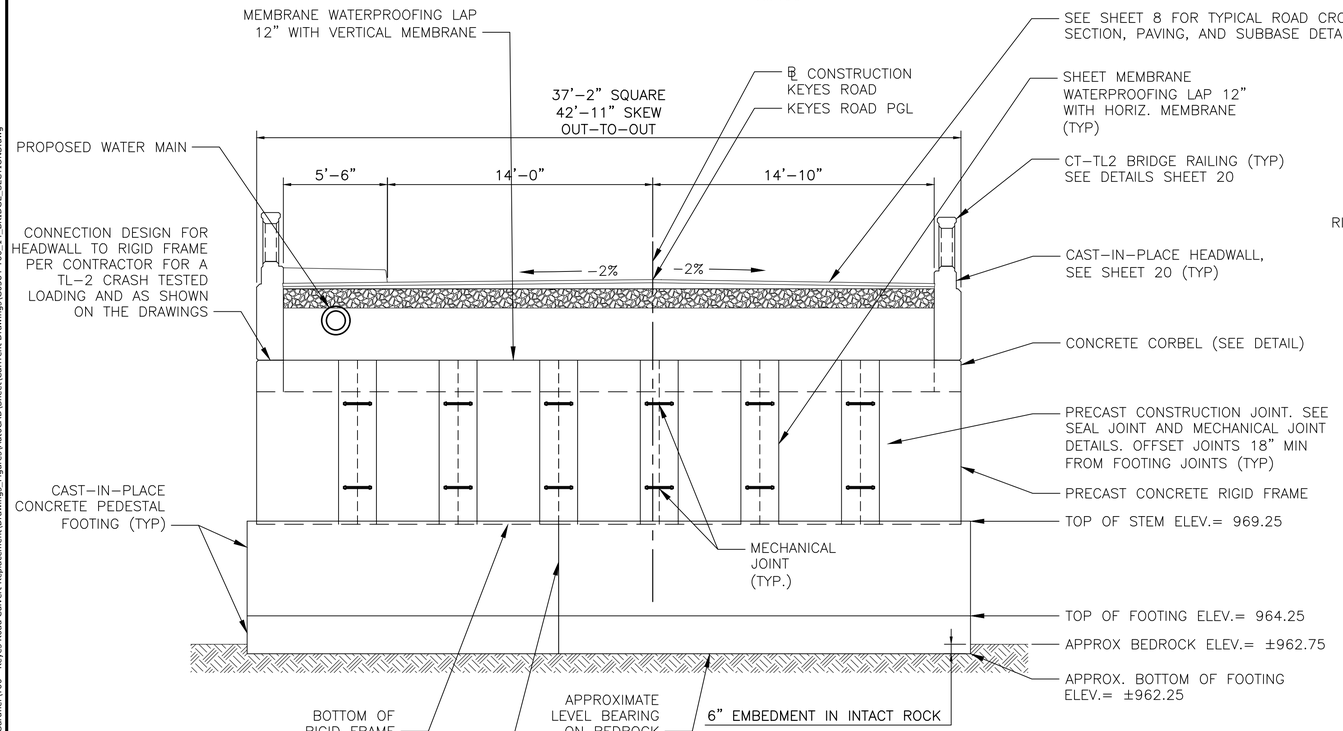


SEAL JOINT

NOT TO SCALE

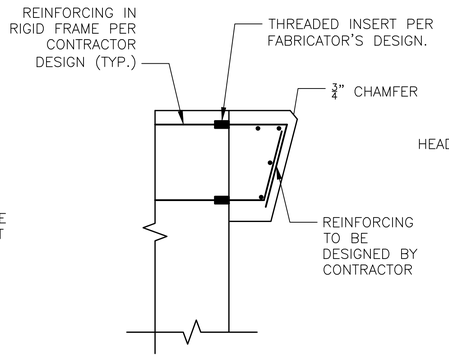
JOINT SEALENT NOTES:

1. PROVIDE BUTYL RUBBER JOINT SEALANT (AASHTO M-198) BETWEEN PRECAST CONCRETE UNITS.
2. PROVIDE A MINIMUM OF 7 MECHANICAL CONNECTORS BETWEEN EACH RIGID FRAME UNITS (3 ON TOP AND 2 ON EACH SIDE) AND 2 MECHANICAL CONNECTORS BETWEEN WINGWALL UNITS.
3. ALL BOLT POCKETS SHALL BE FILLED WITH NON-SHRINK GROUT.
4. SHEET MEMBRANE SHALL BE PLACED IN 2-FOOT WIDE STRIPS, CENTERED OVER THE TOP AND/OR SIDES OF EACH JOINT.



TRANSVERSE SECTION (AT SOUTH ABUTMENT)

SCALE: 1/4" = 1'-0"

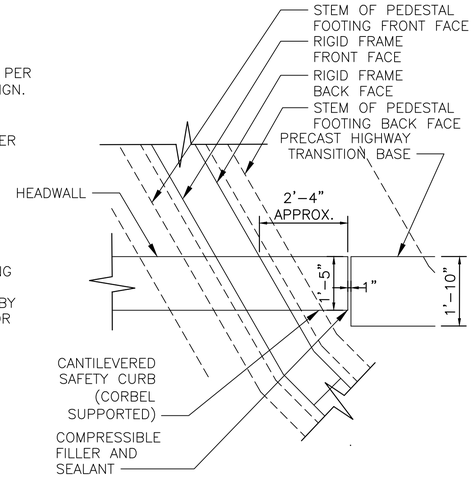


PRECAST CONCRETE CORBEL

NOT TO SCALE

CONCRETE CORBEL NOTES:

1. REINFORCEMENT IS SHOWN FOR SCHEMATIC PURPOSES ONLY.
2. CONTRACTOR IS RESPONSIBLE FOR CORBEL DIMENSIONS, REINFORCING, AND DESIGN.



HORIZONTAL SECTION AT SPLAYED WINGWALL

SCALE: 1/2" = 1'-0"

0 2" 4"

SCALE: 1/2" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS DANIEL S. HOLMES CIVIL No. 56624 REGISTERED PROFESSIONAL ENGINEER 02/09/23

COMMONWEALTH OF MASSACHUSETTS ANDREA LACASSE CIVIL No. 57194 REGISTERED PROFESSIONAL ENGINEER 02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_14_BRIDGE_SECTIONS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

BRIDGE SECTIONS & DETAILS

SCALE: AS SHOWN

SHEET 15
SHEET 15 OF 24

Last Saved: 2/3/2023
Plotted On: Feb 09, 2023-1:20pm By: SSak
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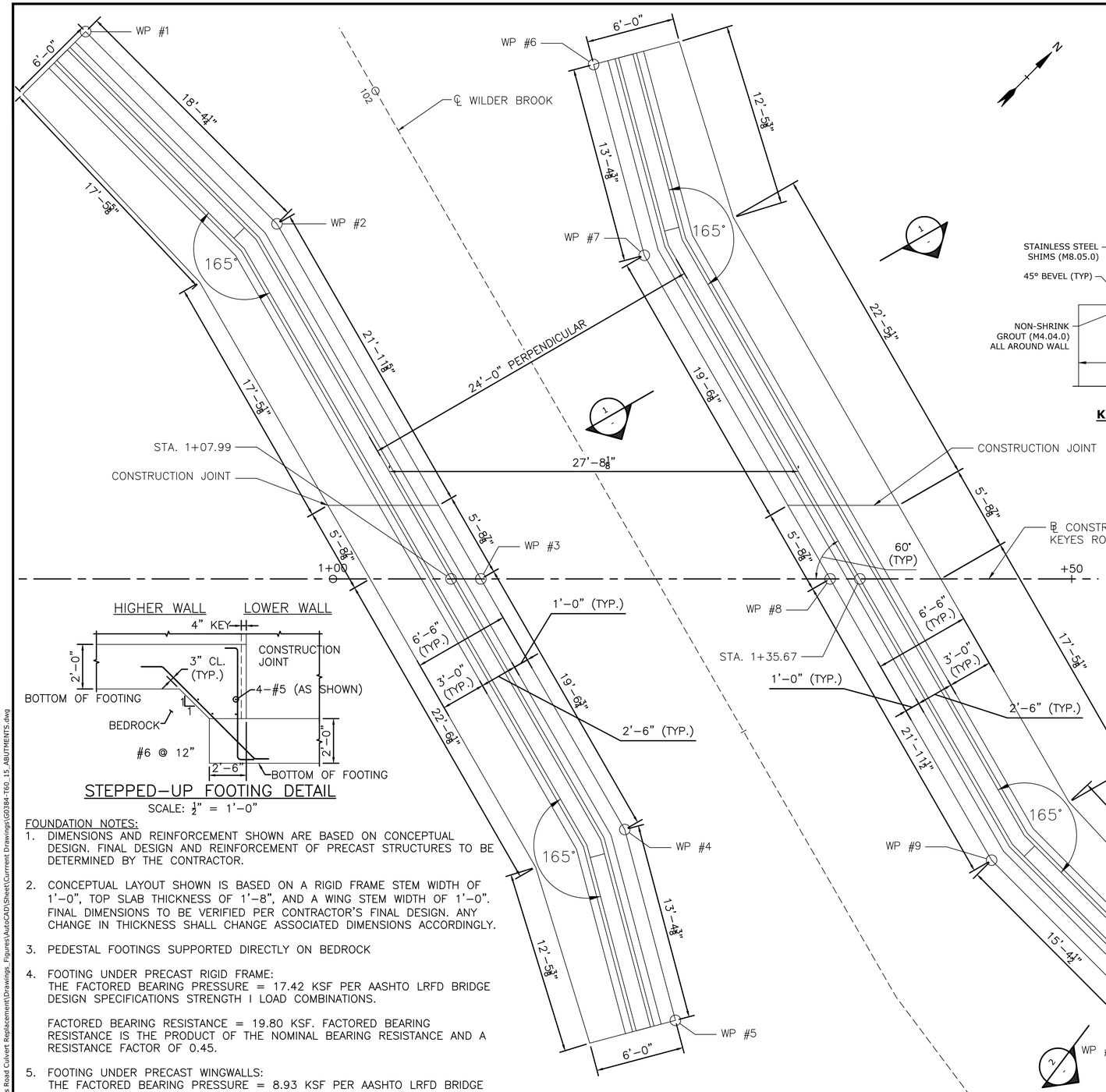
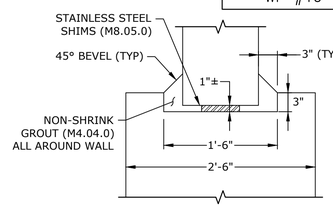
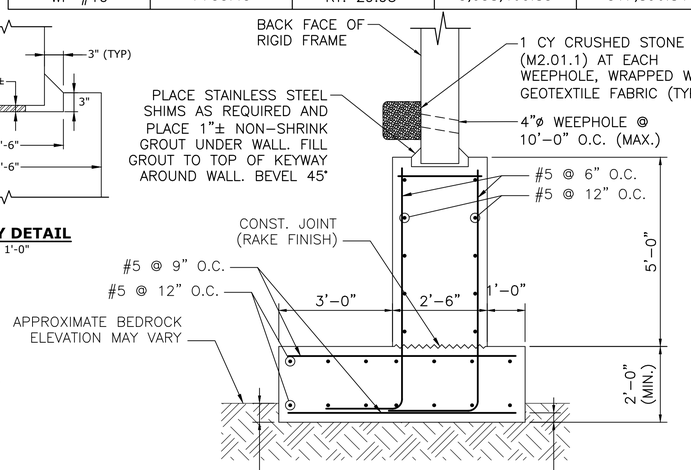
WORKING POINTS				
WORKING POINT	STATION	OFFSET	NORTHING	EASTING
WP #1	0+83.26	LT. 37.04'	3,038,457.65	517,798.44
WP #2	0+96.21	LT. 24.03'	3,038,457.52	517,816.80
WP #3	1+10.01	–	3,038,450.15	517,843.51
WP #4	1+19.75	RT. 16.96'	3,038,444.96	517,862.37
WP #5	1+23.18	RT. 29.88'	3,038,438.19	517,873.89
WP #6	1+17.64	LT. 34.82'	3,038,480.26	517,824.44
WP #7	1+21.07	LT. 21.90'	3,038,473.50	517,835.96
WP #8	1+33.65	–	3,038,466.79	517,860.31
WP #9	1+44.58	RT. 19.04'	3,038,460.95	517,881.48
WP #10	1+55.43	RT. 29.93'	3,038,460.85	517,896.84



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"



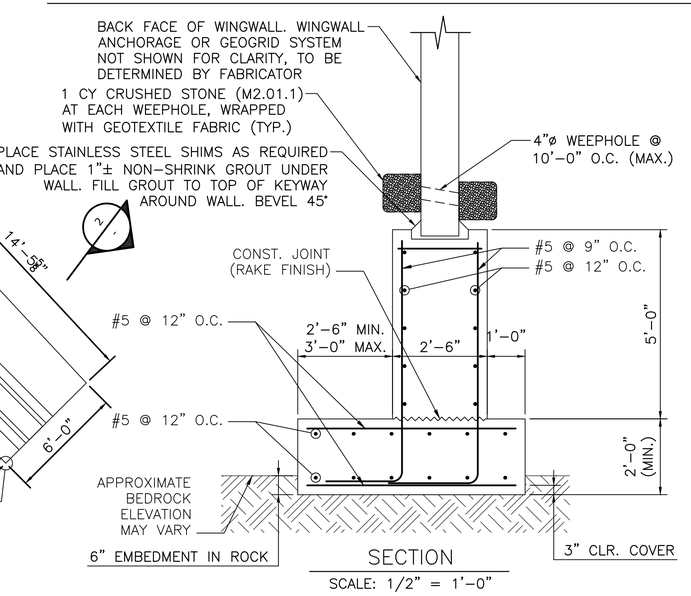
KEYWAY DETAIL
1" = 1'-0"



SECTION 1
SCALE: 1/2" = 1'-0"

CAST-IN-PLACE FOOTING SECTION FOR PRECAST RIGID FRAME

STEPPED-UP FOOTING DETAIL
SCALE: ½" = 1'-0"



SECTION
SCALE: 1/2" = 1'-0"

CAST-IN-PLACE FOOTING SECTION FOR WINGWALLS

FOUNDATION NOTES:

1. DIMENSIONS AND REINFORCEMENT SHOWN ARE BASED ON CONCEPTUAL DESIGN. FINAL DESIGN AND REINFORCEMENT OF PRECAST STRUCTURES TO BE DETERMINED BY THE CONTRACTOR.
2. CONCEPTUAL LAYOUT SHOWN IS BASED ON A RIGID FRAME STEM WIDTH OF 1'-0", TOP SLAB THICKNESS OF 1'-8", AND A WING STEM WIDTH OF 1'-0". FINAL DIMENSIONS TO BE VERIFIED PER CONTRACTOR'S FINAL DESIGN. ANY CHANGE IN THICKNESS SHALL CHANGE ASSOCIATED DIMENSIONS ACCORDINGLY.
3. PEDESTAL FOOTINGS SUPPORTED DIRECTLY ON BEDROCK
4. FOOTING UNDER PRECAST RIGID FRAME:
   THE FACTORED BEARING PRESSURE = 17.42 KSF PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS STRENGTH I LOAD COMBINATIONS.

   FACTORED BEARING RESISTANCE = 19.80 KSF. FACTORED BEARING RESISTANCE IS THE PRODUCT OF THE NOMINAL BEARING RESISTANCE AND A RESISTANCE FACTOR OF 0.45.
5. FOOTING UNDER PRECAST WINGWALLS:
   THE FACTORED BEARING PRESSURE = 8.93 KSF PER AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS STRENGTH I LOAD COMBINATIONS.

   FACTORED BEARING RESISTANCE = 19.80 KSF. FACTORED BEARING RESISTANCE IS THE PRODUCT OF THE NOMINAL BEARING RESISTANCE AND A RESISTANCE FACTOR OF 0.45.
6. STREAMBED RESTORATION NOT SHOWN FOR CLARITY.
7. BOTTOM OF PEDESTAL FOOTING SHALL BE STEPPED ALONG ITS LENGTH TO CONFORM WITH THE BEDROCK. USE THE STEPPED-UP FOOTING DETAIL FOR FOOTING STEP DIMENSIONS AND REINFORCING. A MAXIMUM STEP SIZE OF 5'-0" FROM BOTTOM OF LOWER FOOTING TO BOTTOM OF HIGHER FOOTING IS ALLOWED.

0 4' 8'
SCALE: 1/4" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

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DANIEL S. HOLMES
CIVIL
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REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_15_ABUTMENTS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

FOUNDATION PLAN & DETAILS

SCALE: AS SHOWN

SHEET 16
SHEET 16 OF 24

Last Saved: 6/2/2022
Plotted On: Feb 09, 2023-1:21pm By: SSak
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SOUTHWEST WINGWALL

NORTHWEST WINGWALL

℄ WILDER BROOK

N

18'-0"

102°

13'-0"

1'-0"

1'-0"

165°

165°

PROPOSED WATER MAIN

EDGE OF PAVEMENT

℄ CONSTRUCTION KEYES ROAD

1+00

60°

ELEV. = 973.25'

9"

EDGE OF PAVEMENT

165°

1'-0"

13'-0"

165°

1'-0"

15'-0"

OE

SOUTHEAST WINGWALL

WINGWALL PLAN

SCALE: 1/4" = 1'-0"

NORTHEAST WINGWALL

RIGID FRAME FOLDED OUT

2'-4¼" FOLDED OUT

1'-0"

17'-0"

ELEV. = 982.25'

HEADWALL

APPROX. FINISHED GRADE

2:1 (MAX.)

4"ø WEEPHOLE

TOP OF STEM

TOP OF FOOTING

BOTTOM OF FOOTING

ELEV. = 974.75'

9" ELEV. = 973.25'

ELEV. = 969.25'

ELEV. = 964.25'

ELEV. = ±962.25'

SOUTHWEST WINGWALL ELEVATION

SCALE: 1/4" = 1'-0"

1'-11" FOLDED OUT

RIGID FRAME FOLDED OUT

12'-0"

1'-0"

ELEV. = 980.25'

HEADWALL

APPROX. FINISHED GRADE

2:1 (MAX.)

4"ø WEEPHOLE

TOP OF STEM

TOP OF FOOTING

BOTTOM OF FOOTING

9"

NORTHWEST WINGWALL ELEVATION

SCALE: 1/4" = 1'-0"

1'-6¾" FOLDED OUT

RIGID FRAME FOLDED OUT

1'-11⅜" FOLDED OUT

12'-0"

1'-0"

14'-0"

ELEV. = 981.25'

HEADWALL

APPROX. FINISHED GRADE

2:1 (MAX.)

4"ø WEEPHOLE

TOP OF STEM

TOP OF FOOTING

BOTTOM OF FOOTING

ELEV. = 973.00'

9"

ELEV. = 969.25'

ELEV. = 964.25'

ELEV. = ±962.25'

SOUTHEAST WINGWALL ELEVATION

SCALE: 1/4" = 1'-0"

NORTHEAST WINGWALL ELEVATION

SCALE: 1/4" = 1'-0"

0 4' 8'

SCALE: 1/4" = 1'-0"

COMMONWEALTH OF MASSACHUSETTS
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3/17/2023
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City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_16_WINGWALLS.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

WINGWALL PLAN & ELEVATION

SCALE: 1/4" = 1'-0"

SHEET 17
SHEET 17 OF 24

Last Saved: 6/6/2022
Plotted On: Feb 09, 2023-1:22pm By: SSak
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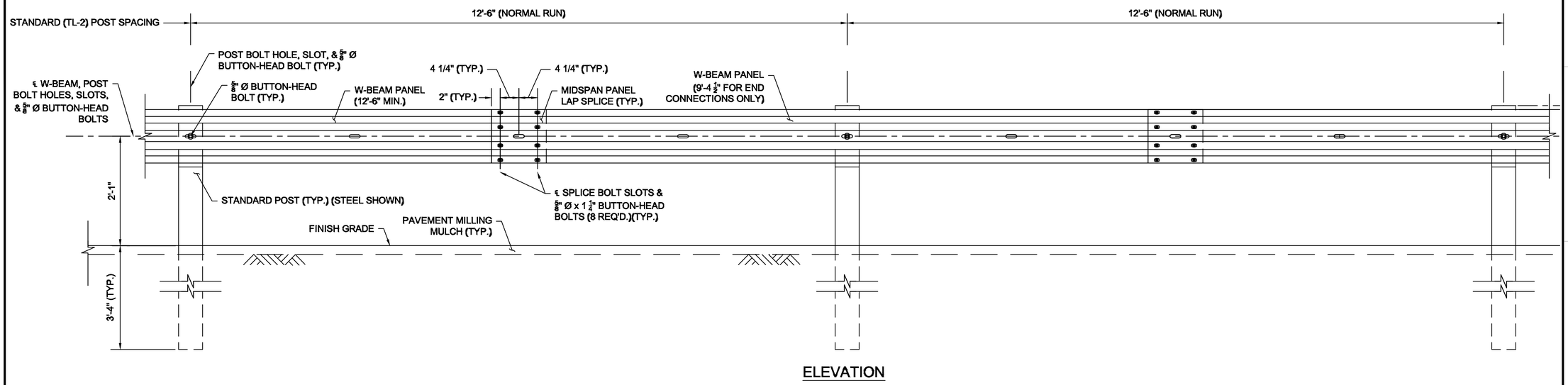
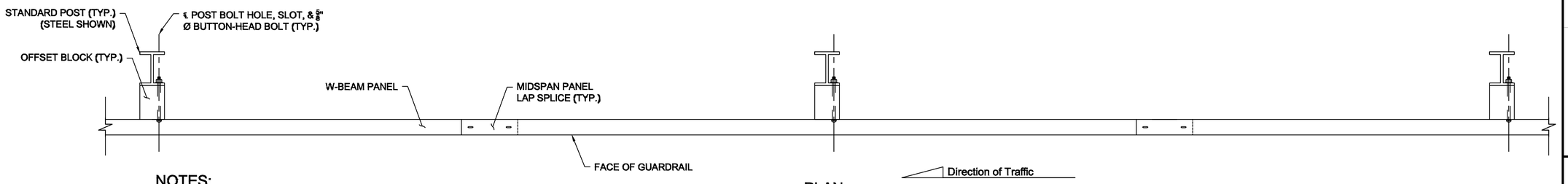


ELEVATION

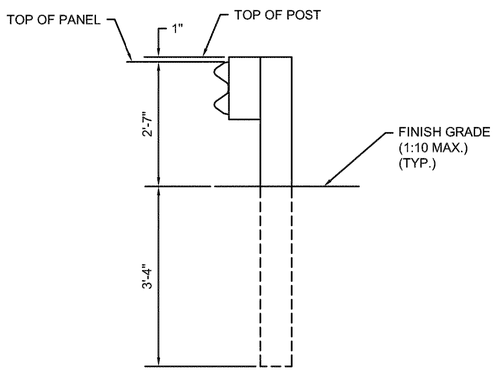


PLAN

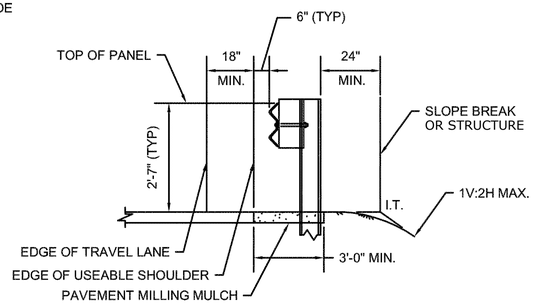
NOTES:

1. A 9'-4 1/2" PANEL IS REQUIRED WHEN TRANSITIONING TO TL-3 W-BEAM GUARDRAIL TO MAINTAIN PROPER POST SPACING.

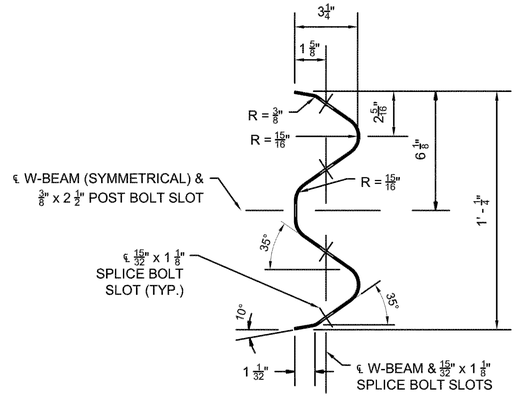
GUARDRAIL, TL2 DETAILS



W-BEAM



FLUSH WITH ROADWAY



W-BEAM PANEL SECTION

GUARDRAIL MOUNTING HEIGHTS & POST DEPTHS

MASSDOT STANDARD DETAILS:

MASSDOT HIGHWAY DIVISION CONSTRUCTION STANDARD DETAILS GUARDRAIL, TL2 & W-BEAM PANEL DETAILS

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
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02/09/2023

COMMONWEALTH OF MASSACHUSETTS
MATT WZOREK
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No. 52674
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02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

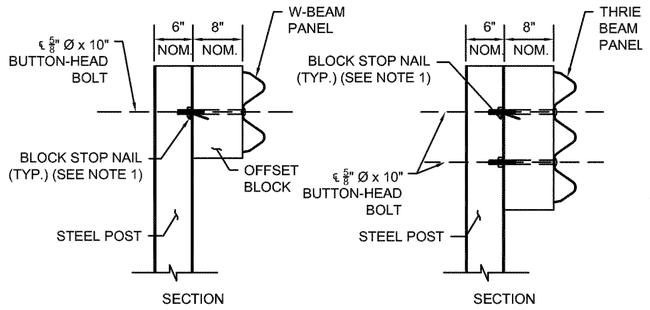
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_17-18_GUARDRAIL.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

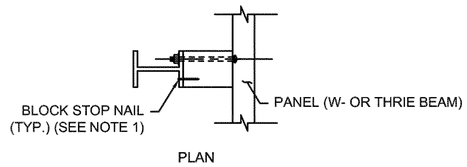
HIGHWAY GUARDRAIL DETAILS (SHEET 1 OF 2)

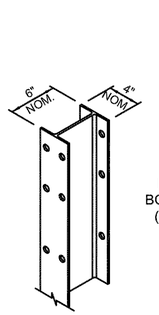
SCALE: AS SHOWN

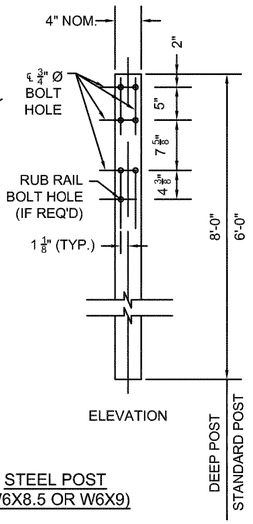
SHEET 18
SHEET 18 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023 - 1:22pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings, Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_17-18_GUARDRAIL.dwg









W-BEAM & THRIE BEAM
STEEL POST

STEEL POST
(W6X8.5 OR W6X9)

NOTES:

1. DRIVE ONE NAIL PER W BEAM TIMBER OFFSET BLOCK TO PREVENT BLOCK ROTATION. USE ASTM A153 HOT DIP GALVANIZED STEEL 3 ½" TYPE 16D NAILS. FOR STEEL POSTS, DRIVE THE NAIL THROUGH THE UNUSED FLANGE BOLT HOLE AND BEND THE NAIL SO ITS HEAD CONTACTS THE FLANGE.

2. DEEP STEEL POSTS SHALL ONLY BE USED WHERE INDICATED IN THESE STANDARDS OR THE PLANS.

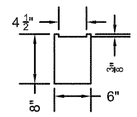
3. WHERE BACK OF POSTS ARE EXPOSED AND PLACED WITHIN 2'-0" OF A SIDEWALK, SEPARATED BIKE FACILITY OR SHARED-USE PATH, TIMBER POSTS SHALL BE USED. ALTERNATIVELY, STEEL POSTS WITH A TIMBER BACKING, PER 400.5.1, MAY BE SUBSTITUTED AT NO ADDITIONAL COST. WHEN TIMBER POSTS ARE USED, ONE OF THE FOLLOWING SAFETY TREATMENTS IS REQUIRED FOR ALL BOLTS PROTRUDING FROM THE BACK FACE OF THE POST:

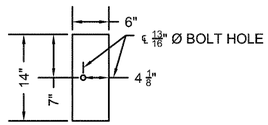
   A. AFTER TIGHTENING THE NUT, TRIM THE PROTRUDING POST BOLT FLUSH WITH THE NUT AND GALVANIZE PER M7.04.11;

   B. USE 15" POST BOLTS AND COUNTERSINK THE WASHER AND NUT BETWEEN 1" AND 1½" DEEP INTO THE BACK FACE OF THE POST; OR

   C. USE 15" POST BOLT SLEEVE NUTS AND WASHERS.

END TREATMENTS AND TRANSITIONS, WHERE SPECIFIC MATERIAL TYPES ARE SPECIFIED, ARE EXEMPT FROM THESE REQUIREMENTS.





W-BEAM TIMBER OFFSET BLOCK
FOR USE WITH STEEL POSTS
(6"X8" NOMINAL)

POST & OFFSET BLOCK DETAILS

MASSDOT STANDARD DETAILS:

MASSDOT HIGHWAY DIVISION
CONSTRUCTION STANDARD DETAILS
GUARDRAIL, TL2 & W-BEAM PANEL DETAILS

COMMONWEALTH OF MASSACHUSETTS
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DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

HIGHWAY GUARDRAIL DETAILS (SHEET 2 OF 2)

SCALE: AS SHOWN

SHEET 19
SHEET 19 OF 24

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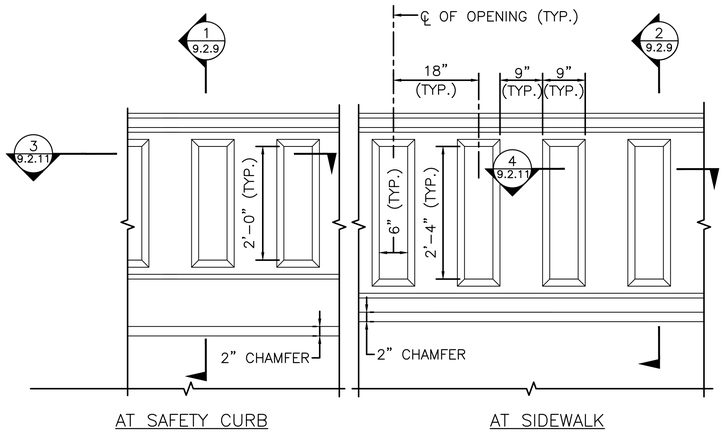
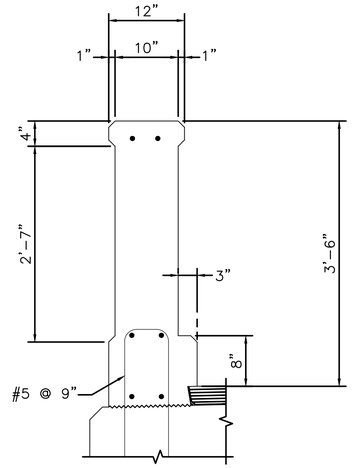
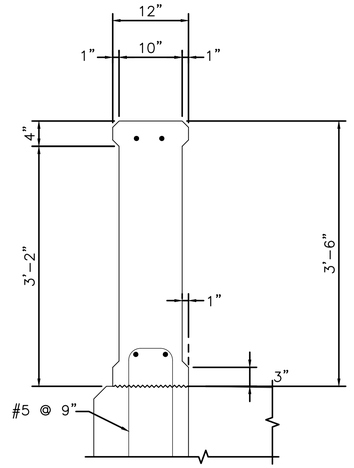
Plotted On: Feb 09, 2023-1:22pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_17-18_GUARDRAIL.dwg



CT–TL2 RAIL
EXTERIOR BARRIER ELEVATION (MASSDOT 9.2.8)
SCALE: ¾" = 1'–0"



SECTION 1
SCALE: 1" = 1'–0"



SECTION 2
SCALE: 1" = 1'–0"

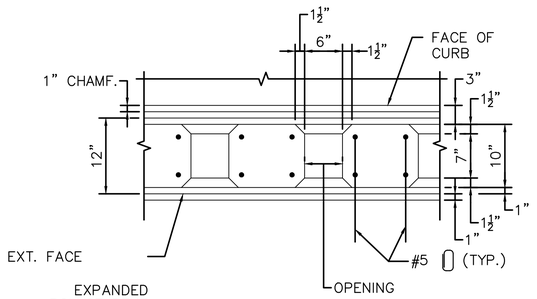
CT–TL2 RAIL
VERTICAL SECTIONS THROUGH OPTIONAL PILASTERS

NOTE:

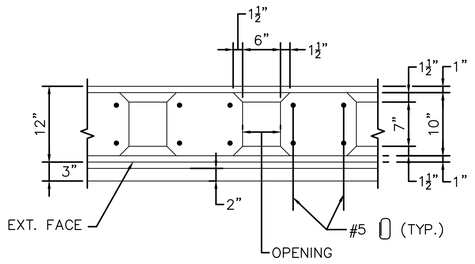
SEE SECTION THRU CT–TL2 AT SIDEWALK FOR DIMENSIONS AND REINFORCEMENT NOT SHOWN HERE.

CAST–IN–PLACE HEADWALL DETAILS
(MASSDOT 9.2.14 MODIFIED)
SCALE: 1" = 1'–0"

CT–TL2 RAIL
SECTION THRU SAFETY CURB
(MASSDOT 9.3.1 MODIFIED)
SCALE: 1" = 1'–0"



SECTION 3
SCALE: 1" = 1'–0"



SECTION 4
SCALE: 1" = 1'–0"

CT–TL2 RAIL
HORIZONTAL SECTIONS THROUGH OPTIONAL PILASTERS

NOTES:

1. SIZE AND SPACING OF THE TRANSVERSE RIGID FRAME REINFORCEMENT AS PER THE CONTRACTOR'S DESIGN. 9" MAX SPACING SHALL BE PROVIDED TO MATCH HEADWALL REINFORCING.
2. SIZE AND SPACING OF THE ADDITIONAL REINFORCEMENT AS PER THE CONTRACTOR'S DESIGN.
3. USE THE SAME SPACING FOR THE PRIMARY HEADWALL REINFORCEMENT AS THE TRANSVERSE RIGID FRAME REINFORCEMENT. 9" MAX SPACING SHALL BE PROVIDED.
4. CONTRACTOR IS RESPONSIBLE FOR DESIGN OF HEADWALL CONNECTION TO RIGID FRAME INCLUDING FORCES FROM CT–TL2 BARRIER.

CT–TL2 BRIDGE RAILING

MASSDOT STANDARD DETAILS:

MASSDOT 2013 LRFD BRIDGE MANUAL
PART II CONVENTIONAL CONSTRUCTION
CT-TL2 BRIDGE RAILING

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/09/23

ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

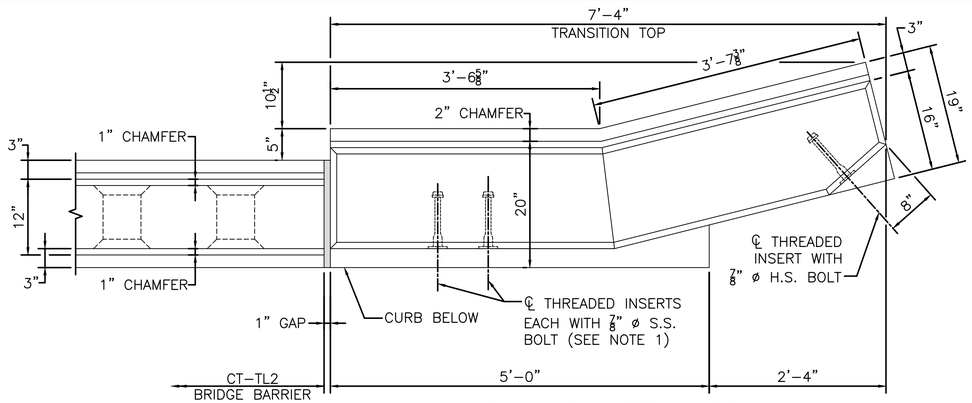
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_19_BRIDGE_RAILING.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

CT-TL2 BRIDGE RAILING

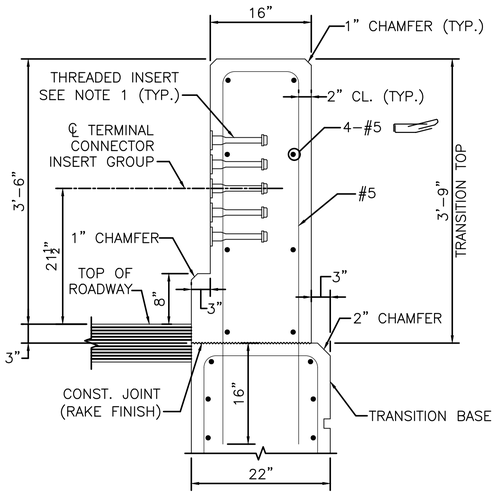
SCALE: AS SHOWN

SHEET 20
SHEET 20 OF 24

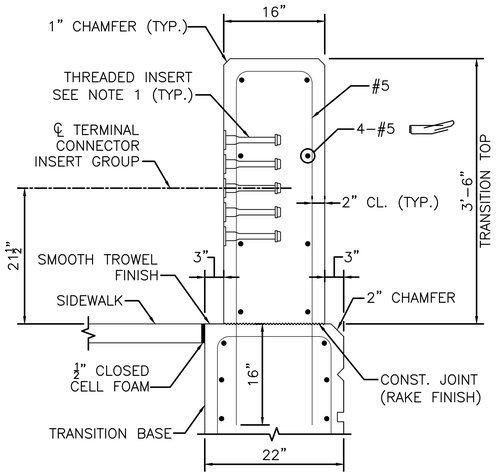
Last Saved: 6/2/2022
Plotted On: Feb 09, 2023-1:22pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings, Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_19_BRIDGE_RAILING.dwg



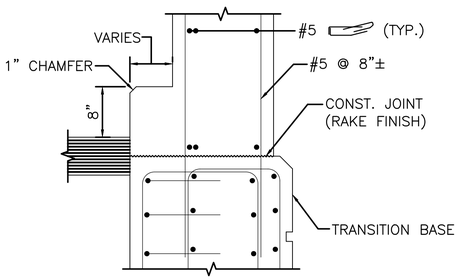
PLAN AT SAFETY CURB
SCALE: 1" = 1'–0"



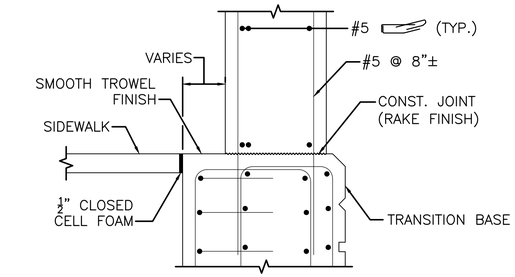
SECTION 2 AT SAFETY CURB
SCALE: 1" = 1'–0"



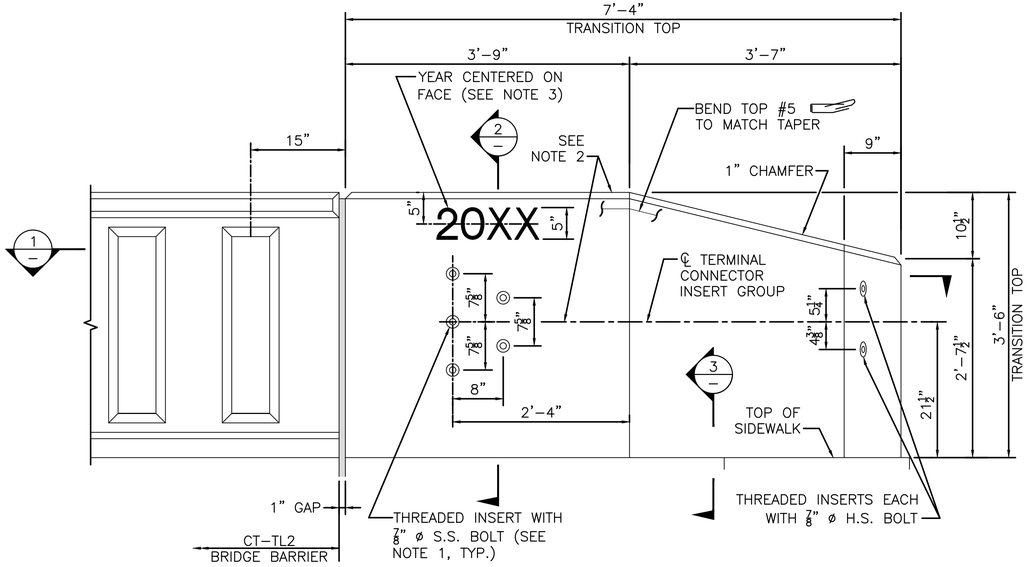
SECTION 2 AT SIDEWALK
SCALE: 1" = 1'–0"



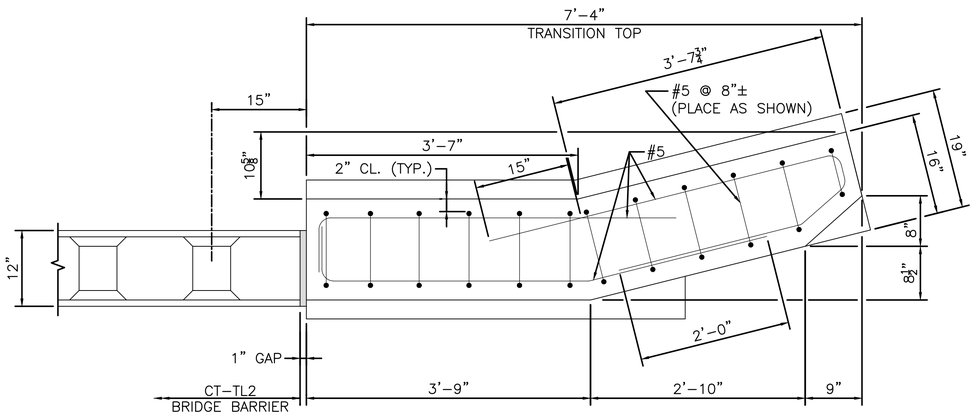
SECTION 3 AT SAFETY CURB
SCALE: 1" = 1'–0"



SECTION 3 AT SIDEWALK
SCALE: 1" = 1'–0"



ELEVATION AT SIDEWALK
SCALE: 1" = 1'–0"



SECTION 1
SCALE: 1" = 1'–0"

TOP OF PRECAST HIGHWAY GUARDRAIL TRANSITION FOR CT–TL2 BARRIER

NOTES:

1. THREADED INSERTS SHALL BE PREQUALIFIED BY THE MANUFACTURER AS BEING CAPABLE OF DEVELOPING A NOMINAL SHEAR RESISTANCE OF 20 KIPS PER ⅞" ø S.S. BOLT. S.S. BOLTS SHALL BE ⅞" ø x 1½" LONG FULLY THREADED AISI TYPE 304N STAINLESS STEEL. INSERTS FOR ⅞" S.S. BOLTS SHALL BE GALVANIZED AND CAST INTO THE TRANSITION.
2. FOR AN APPROACH GRADE UP TO 3%, THE TRANSITION MAY BE CAST SQUARE AND SET PLUMB WITH THE MINIMUM EMBEDMENT DEPTH SHOWN. THE TERMINAL CONNECTOR INSERT GROUP SHALL BE SQUARE TO THE POST.

   FOR AN APPROACH GRADE IN EXCESS OF 3%, THE TRANSITION TOP AND THE TOP OF THE BRIDGE BARRIERS SHALL FOLLOW THE APPROACH GRADE. THE HEIGHT OF THE TRANSITION TOP SHALL VARY PROVIDED THAT THE MINIMUM DIMENSIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE MET. THE BOTTOM OF THE TRANSITION BASE SHALL BE SET LEVEL WITH THE MINIMUM EMBEDMENT DEPTH SHOWN. THE TERMINAL CONNECTOR INSERT GROUP SHALL BE SLOPED TO FOLLOW THE APPROACH GRADE.
3. USE LATEST CONTRACT COMPLETION YEAR IN EFFECT WHEN THE FIRST GUARDRAIL TRANSITION IS CAST. USE THIS YEAR FOR ALL GUARDRAIL TRANSITIONS.
4. ALL CONCRETE FOR THE PRECAST HIGHWAY GUARDRAIL TRANSITION SHALL BE 5000 PSI, ¾", 685 HP CEMENT CONCRETE.
5. LIFTING DEVICES (NOT SHOWN), INCLUDING THEIR NUMBER AND LOCATION, SHALL BE DESIGNED AND DETAILED BY THE PRECASTER. THEY SHALL BE GALVANIZED AND SHALL BE PLACED AND RECESSED IN POCKETS TO PROVIDE 1½" CLEAR COVER TO THE FACE OF THE TRANSITION CONCRETE. THESE DEVICES SHALL BE CLEARLY SHOWN ON THE SHOP DRAWINGS ALONG WITH ALL SUPPORTING CALCULATIONS AND/OR CATALOG CUTS. ONCE THE PRECAST TRANSITION IS SET IN PLACE, THE LIFTING DEVICE POCKETS SHALL BE FILLED WITH A NON–SHRINK GROUT THAT MATCHES THE COLOR OF THE TRANSITION CONCRETE WHEN CURED AND THE FILLED POCKETS SHALL BE RUBBED WITH A CORUNDUM STONE TO BLEND OUT THE JOINTS.

MASSDOT STANDARD DETAILS:

MASSDOT 2013 LRFD BRIDGE MANUAL
PART II CONVENTIONAL CONSTRUCTION
CT-TL2 BRIDGE RAILING AND PRECAST
GUARDRAIL TRANSITION DETAILS

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
CIVIL
No. 56624
REGISTERED PROFESSIONAL ENGINEER
02/09/2023

COMMONWEALTH OF MASSACHUSETTS
ANDREA LACASSE
CIVIL
No. 57194
REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

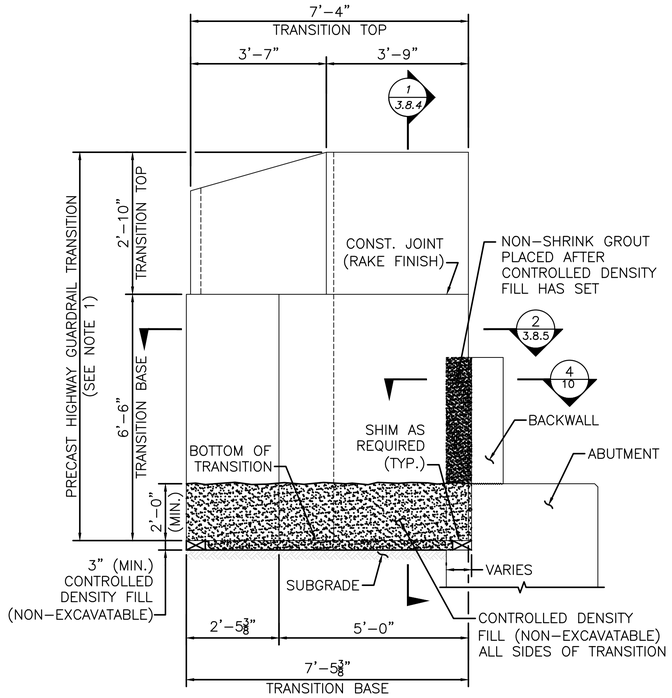
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_20_GUARDRAIL_TRANSITION.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

TOP OF PRECAST HIGHWAY GUARDRAIL TRANSITION FOR CT-TL2 RAILING

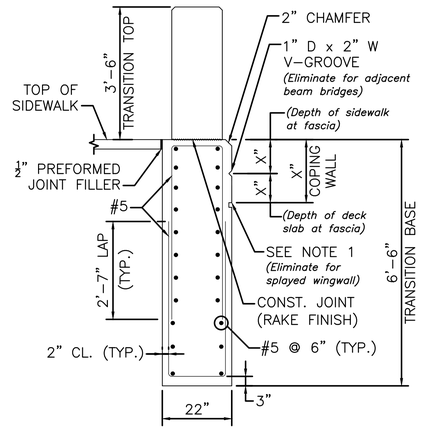
SCALE: AS SHOWN

SHEET 21
SHEET 21 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023 - 1:23pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_20_GUARDRAIL_TRANSITION.dwg



PRECAST HIGHWAY GUARDRAIL TRANSITIONS
ELEVATION AT SPLAYED WINGWALL (MASSDOT 3.8.9)
SCALE: 1/2" = 1'–0"

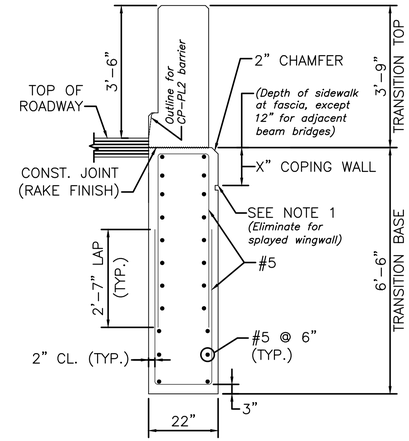


NOTES:

1. 1 1/2" H x 1" D GROOVE. ALIGN WITH GROOVE AT TOP OF STRIATIONS.
2. REINFORCEMENT OF THE TRANSITION TOP IS NOT SHOWN FOR CLARITY.

PRECAST HIGHWAY GUARDRAIL TRANSITIONS
VERTICAL SECTION FOR CT–TL2 AT SIDEWALK SIDE
(MASSDOT 3.8.4)

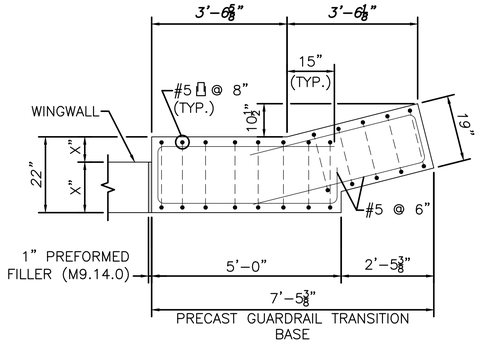
SECTION 1 / 1/2" = 1'-0" (1 / -)



NOTES:

1. 1 1/2" H x 1" D GROOVE. ALIGN WITH GROOVE AT TOP OF STRIATIONS.
2. REINFORCEMENT OF THE TRANSITION TOP IS NOT SHOWN FOR CLARITY.

PRECAST HIGHWAY GUARDRAIL TRANSITIONS
VERTICAL SECTION FOR CT–TL2 AT SAFETY CURB
(MASSDOT 3.8.6)



NOTE:
WINGWALL REINFORCEMENT NOT SHOWN FOR CLARITY.

PRECAST HIGHWAY GUARDRAIL TRANSITIONS
HORIZONTAL SECTION (MASSDOT 3.8.5)

SECTION 2 / 1/2" = 1'-0" (2 / -)

PRECAST HIGHWAY GUARDRAIL TRANSITION
NOTES (MASSDOT 3.8.3):

1. PRECAST GUARDRAIL TRANSITION SHALL BE 5000 PSI, 3/4 IN, 685 HP CEMENT CONCRETE.
2. GRAVEL BORROW SHALL BE PLACED AND THOROUGHLY COMPACTED TO THE GRADE OF 3" (MIN.) BELOW THE INTENDED BOTTOM OF THE PRECAST GUARDRAIL TRANSITION BASE AND TO A HEIGHT OF 2'–0" (MIN.) ON ALL SIDES OF THE TRANSITION BASE TO FORM A TRENCH IN WHICH TO SET THE TRANSITION. WHERE NO GRAVEL BORROW IS REQUIRED BELOW THE BASE, IT SHALL BE PLACED ON UNDISTURBED SOIL.
3. CONTRACTOR SHALL SET THE PRECAST GUARDRAIL TRANSITION TO THE REQUIRED ELEVATION AND ALIGNMENT, AND BACKILL PRECAST GUARDRAIL TRANSITION WITH CONTROLLED DENSITY FILL (NON–EXCAVATABLE) TO THE ELEVATION SHOWN.
4. AFTER CONTROLLED DENSITY FILL (NON–EXCAVATABLE) HAS SET FILL THE GAPS BETWEEN GUARDRAIL TRANSITION AND BACKWALL AND ABUTMENT WITH NON–SHRINK GROUT UP TO THE TOP OF BACKWALL.
5. THE REST OF REINFORCEMENT IS NOT SHOWN FOR CLARITY.

MASSDOT STANDARD DETAILS:

MASSDOT 2013 LRFD BRIDGE MANUAL
PART II CONVENTIONAL CONSTRUCTION
CT-TL2 BRIDGE RAILING AND PRECAST GUARDRAIL TRANSITION DETAILS

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING
STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

DANIEL S. HOLMES CIVIL No. 56624 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/09/23

ANDREA LACASSE CIVIL No. 57194 REGISTERED PROFESSIONAL ENGINEER
COMMONWEALTH OF MASSACHUSETTS
02/13/23

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

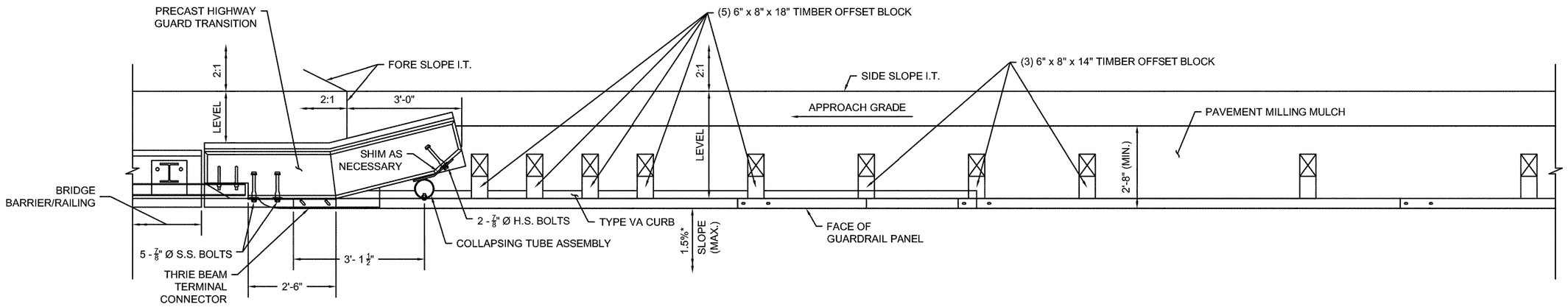
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_21_PRECAST.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

PRECAST GUARDRAIL TRANSITION AND CT-TL2 BRIDGE RAILING DETAILS

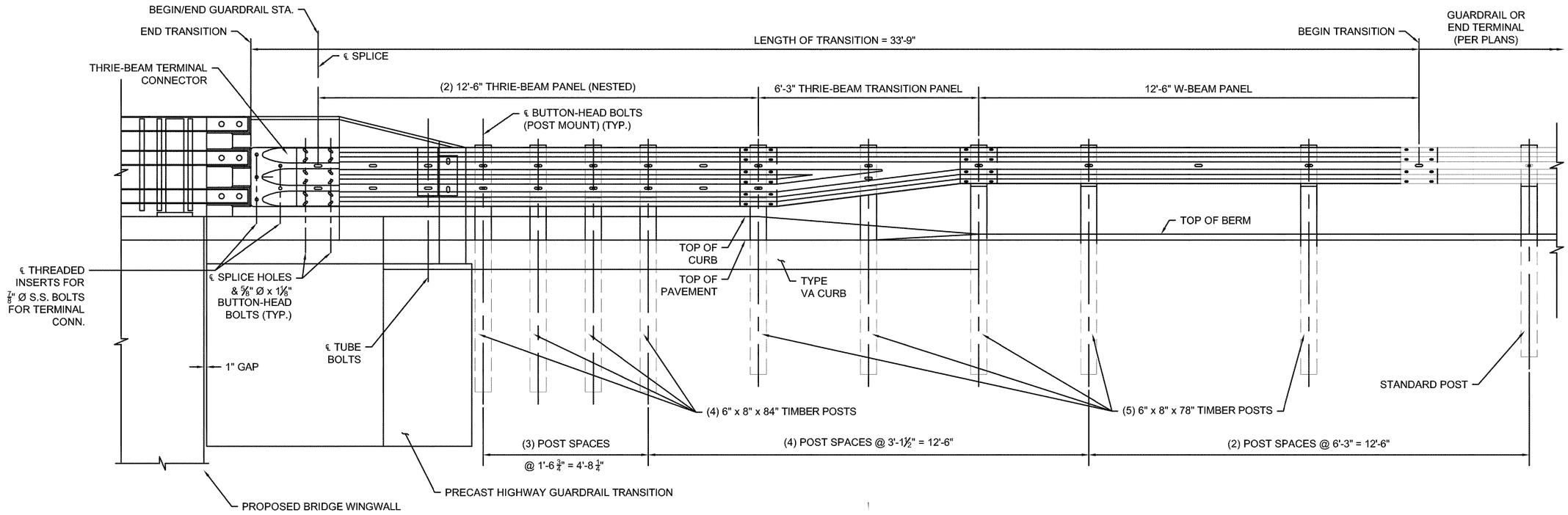
SCALE: AS SHOWN

SHEET 22
SHEET 22 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023–1:23pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_21_PRECAST.dwg



PLAN



TRANSITION TO BRIDGE RAIL (MASSDOT 400.3.6)

MASSDOT STANDARD DETAILS:

MASSDOT 2017 CONSTRUCTION STANDARD DETAILS, 400.3.6

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER — DATE: 3/17/2023

Tighe&Bond

DANIEL S. HOLMES CIVIL No. 56624 REGISTERED PROFESSIONAL ENGINEER
02/09/2023

MATT WZOREK CIVIL No. 52674 REGISTERED PROFESSIONAL ENGINEER
02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

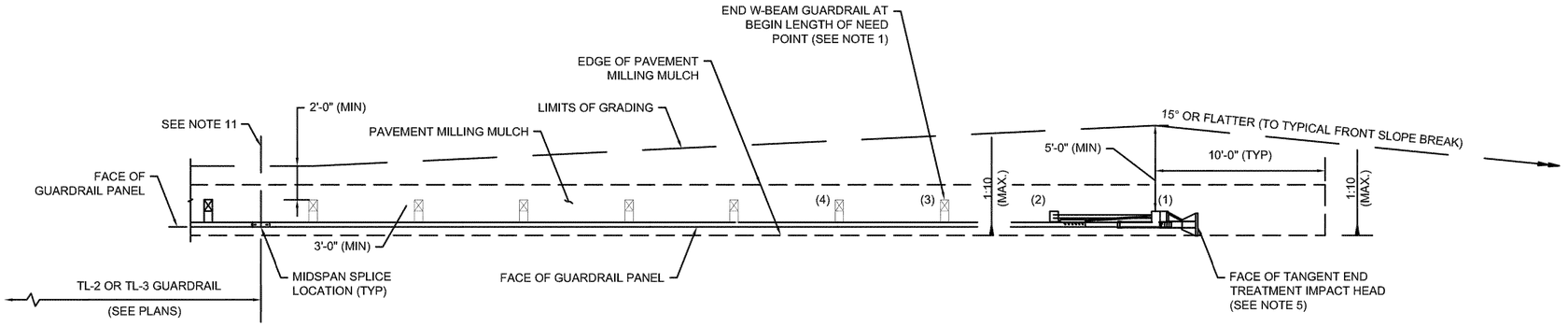
PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_22_GUARD_TRANSITION.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

GUARDRAIL TRANSITION TO BRIDGE RAIL (FACE OF CURB)

SCALE: NO SCALE

SHEET 23
SHEET 23 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023 - 1:23pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings, Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_22_GUARD_TRANSITION.dwg



TANGENT END TREATMENT SEGMENT - PLAN

NOTES:

1. INSTALL GUARDRAIL AT STATION AND OFFSET SHOWN IN THE PLANS. THE END OF THE GUARDRAIL SHOWN IN THE PLANS CORRESPONDS WITH THE BEGIN LENGTH OF NEED POINT FOR THE END TREATMENT (SHOWN AT POST 3 IN THESE STANDARDS, BUT MAY VARY BY MANUFACTURER).
2. PROPRIETARY END TREATMENTS MAY VARY IN SIZE AND SHAPE FROM WHAT IS DEPICTED IN THESE STANDARDS. HOWEVER, THE MAXIMUM SLOPES AND MINIMUM OFFSETS DIMENSIONED FROM THE POSTS SHOWN HEREIN SHALL STILL APPLY.
3. END TREATMENT TEST LEVEL AND TYPE (TANGENT OR FLARED) SHALL BE SPECIFIED IN THE PLANS.
4. CONSTRUCT TANGENT AND FLARED END TREATMENTS IN ACCORDANCE WITH THE MANUFACTURER'S UNIQUE DRAWING DETAILS, PROCEDURES, AND SPECIFICATIONS.
5. AT THE DISCRETION OF THE ENGINEER, THE FACE OF THE TANGENT END TREATMENT IMPACT HEAD MAY BE OFFSET UP TO 2'-0" FROM THE PROJECTED FACE OF GUARDRAIL TO MINIMIZE NUISANCE HITS. THE OFFSET SHALL OCCUR OVER THE ENTIRE LENGTH OF THE END TREATMENT UNLESS OTHERWISE SPECIFIED BY THE MANUFACTURER.
6. LATERAL OFFSET OF FLARED END TREATMENT SHALL BE DETERMINED BY THE DESIGN ENGINEER FOLLOWING THE METHODOLOGY FOUND IN THE *ROADSIDE DESIGN GUIDE* AND SHOULD FALL WITHIN THE ALLOWABLE TOLERANCES SPECIFIED BY THE MANUFACTURER. LATERAL OFFSET SHALL BE MEASURED FROM THE EDGE OF TRAVELED WAY TO THE FACE OF THE GUARDRAIL AT POST #3.
7. END TREATMENTS SHALL NOT TERMINATE CURVED W-BEAM SEGMENTS.
8. END TREATMENT IMPACT HEAD DELINEATION SHALL CONFORM TO 601.63.
9. INSTALL GRADING AS SHOWN HEREIN UNDER SEPARATE PAY ITEMS.
10. SEE 400.2.2 FOR APPROACH TERMINAL GEOMETRY FOR GUARDRAIL INSTALLED ADJACENT TO CURB AND DOUBLE FACED GUARDRAIL.
11. MAINTAIN 2'-0" (MIN) OFFSET TO FRONT SLOPE BREAK DOWNSTREAM OF MIDSPAN SPLICE LOCATION AT ALL TIMES. IF, DOWNSTREAM OF THE SPLICE, GRADING CONSTRAINTS INHIBIT THIS MINIMUM OFFSET THEN USE DEEP STEEL POSTS AND TRANSITION TO A SLOPE BREAK CONDITION DESIGN PER THE DETAIL IN 400.1.5 UNTIL THE 2'-0" OFFSET CAN BE MET.

APPROACH GEOMETRY: SINGLE FACED (MASSDOT 400.2.1)

MASSDOT STANDARD DETAILS:

MASSDOT 2017 CONSTRUCTION STANDARD DETAILS, 400.3.6

COMMONWEALTH OF MASSACHUSETTS
MassDOT, Highway Division
CONCEPTUAL DESIGN IS ACCEPTABLE TO MASSDOT FOR CONTRACTING

STATE BRIDGE ENGINEER — DATE 3/17/2023

Tighe&Bond

COMMONWEALTH OF MASSACHUSETTS
DANIEL S. HOLMES
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02/13/2023

Keyes Road Over Wilder Brook Culvert Replacement

City of Gardner

Gardner, Massachusetts

MassDOT Bridge No. G-01-025, BIN CD5

MARK	DATE	DESCRIPTION

PROJECT NO:	G0384-060
DATE:	FEBRUARY 2023
FILE:	G0384-T60_23_GUARD_GEOM.dwg
DRAWN BY:	SDS, RMC
DESIGNED/CHECKED BY:	AGB, MPW, AML, JRI
APPROVED BY:	DSH

GUARDRAIL APPROACH GEOMETRY

SCALE: NO SCALE

SHEET 24
SHEET 24 OF 24

Last Saved: 5/5/2022
Plotted On: Feb 09, 2023 - 1:23pm By: SSak
Tighe & Bond: J:\G\G0384 Gardner\T60 - Keyes Road Culvert Replacement\Drawings_ Figures\AutoCAD\Sheet\Current Drawings\G0384-T60_23_GUARD_GEOM.dwg

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	27-018
PROJECT TITLE	
North Central Pathway Remaining Design	
DEPARTMENT	
Community Development & Planning	
SUBMITTED BY	**DATE SUBMITTED**
Jason Stevens	3/3/2026

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☒ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The City of Gardner is advancing the North Central Pathway Extension from its completed 25% design stage through final design and construction readiness. The remaining work includes advancing plans through 75% and 100% design, completing environmental permitting, finalizing right-of-way documentation, coordinating utility reviews, preparing bid-ready specifications, and securing final MassDOT approvals which results in a cost.

To support this effort, the City has applied to the FY26 MassTrails Program for $250,000 in funding to complete final design. If awarded, the grant will require a $50,000 local match from the City. Applying for the full amount of $300,000 ensures that regardless of changes to the awarded amount, this project can have the flexibility to reach full construction-ready status, positioning Gardner to secure federal and state construction funding following its completion and advancing this regional shared-use path connection.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design	$300,000	$300,000				
Vehicle/Equipment						
Other						
TOTAL	$300,000	$300,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-042**
PROJECT TITLE	
Dam Repairs	
DEPARTMENT	
Engineering/Survey	
SUBMITTED BY	**DATE SUBMITTED**
Robert Oliva	12/2/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

General repairs to existing city owned dams and related infrastructure

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	1,500,000		1,500,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	1,500,000		1,500,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-044**
PROJECT TITLE	
MS4 Municipal Property BMP Retrofit	
DEPARTMENT	
Engineering/Survey	
SUBMITTED BY	**DATE SUBMITTED**
Robert Oliva	12/2/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The requirements of our EPA MS4 permit, for coming years, will require that the City retrofit at least one municipal property per year with stormwater BMP's to provide treatment of runoff from those properties. This request would provide funding for design and construction of the mandated retrofits.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	1,080,000	175,000	195,000	215,000	235,000	260,000
Study/Design	175,000	25,000	30,000	35,000	40,000	45,000
Vehicle/Equipment						
Other						
TOTAL	1,255,000	200,000	225,000	250,000	275,000	305,000

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-045**
PROJECT TITLE	
TIP List Roadway Design	
DEPARTMENT	
Engineering/Survey	
SUBMITTED BY	**DATE SUBMITTED**
Robert Oliva	12/2/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Roadway corridor design for various roads including Elm Street, Chestnut Street, Pearson Boulevard, and Pearl Street. Designs would be used to procure construction funding via the State Transportation Improvement Program

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	2,650,000	400,000	250,000	800,000	1,200,000	
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	2,650,000	400,000	250,000	800,000	1,200,000	

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-046**
PROJECT TITLE	
Elm/Pearson Traffic Signals	
DEPARTMENT	
Engineering/Survey	
SUBMITTED BY	**DATE SUBMITTED**
Robert Oliva	12/2/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☒ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The project includes consultant design work (FY26) to improve traffic operations and pedestrian safety at the intersection of Pearson Street and Elm Street by replacing the existing outdated traffic signal. This is expected to include up to two (2) mast arms and video detection. In addition, updated pedestrian controls will be added to the new equipment. The design would also include improvements to the existing crosswalks and curb ramps to be ADA compliant

At this time there is no construction cost estimate available but is being provided assuming the design cost is approximately 12% of the expected construction cost.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	1,500,000		1,500,000			
Study/Design	125,000	125,000				
Vehicle/Equipment						
Other						
TOTAL	1,625,000	125,000	1,500,000			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-017**
PROJECT TITLE	
Route 2A / 68 Intersection Design	
DEPARTMENT	
Engineering/Survey	
SUBMITTED BY	**DATE SUBMITTED**
Robert Oliva	2/25/2026

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☒ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This project was initiated in 2017 when the City hired Nitsch Engineering, Inc. to design geometric modifications and traffic signal upgrades for the intersection of Routes 2A and 68. The design was taken to 25% completion before the project was put on hold in 2022. It was the goal to submit the project to the State for approval as a project under the Transportation Improvement Program (TIP). This program funds construction of transportation projects while the municipality provides the design and engineering.

This request would provide funding to complete the design upon the State approving the project under the TIP program. The original design contract from 2017 was $160,000 of which $80,000 was expended. Given rising costs since that time, it is anticipated that the remaining design fees will have grown to about $125,000. Construction estimates for the project from 2019 were approximately $1,295,000. Given rising costs since that time construction would be estimated to be $1,950,000, which would be funded by the TIP program if approved by the State.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	1,950,000		1,950,000			
Study/Design	125,000	125,000				
Vehicle/Equipment						
Other						
TOTAL	2,075,000	125,000	1,950,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-048**
PROJECT TITLE	
Fire HQ 3-Bay Garage (stand alone)	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This project would be to replace the current Fire HQ "Annex" storage building (old Cumberland Farms). The current building does not meet the needs of the Fire Department, garage bays are too small to accommodate modern fire apparatus and ambulances. The building is not well insulated and there are issues with the HVAC unit. There is no running water to the building. A stand alone garage is an option if it could not be incorporated into the Fire HQ addition/Renovation project, although an attached garage is preferred.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	750,000.00	750,000.00				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	750,000.00	750,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-049**
PROJECT TITLE	
Re-chassis Rescue 2	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to re-chassis Rescue 2 (2007 Ford E450/Horton Ambulance). This unit is currently out of service due to mechanical issues, with no plans for repairs due to it's age. Instead of full replacement, I am recommending this ambulance be "re-chassied" where the ambulance module would be removed from the current 2007 chassis, reconditioned, and remounted on a new chassis. This is a cost-effective option that would be in lieu of purchasing a brand new ambulance to replace the current Rescue 4 (2019 Ford/Horton), which is another capital project on the Fire Department's request list. The only limitation is the vehicle is not four wheel drive.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	250,000.00			250,000.00		
Other						
TOTAL	250,000.00			250,000.00		

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-050**
PROJECT TITLE	
Replace Car 2	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	7

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace the current Car 2 (2020 Chevrolet Tahoe Shift Commander's SUV). This vehicle is used 24/7 by the Fire Department Shift Commander and responds to approximately 2,500 emergency calls yearly, in addition to multiple daily errands handled by the Shift Commander. The current vehicle is now 6 years old and is already showing significant wear and tear. Due to heavy use, this vehicle has a shorter life expectancy than most other Fire Department utility vehicles. It is also a critical emergency response unit and must be reliable and in good condition. Replacement of this vehicle is recommened within the next 1-2 years. This is 1 of 5 Fire Department utility vehicles that are all aging and appear on this year's CIP application.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	75,000.00	75,000.00				
Other						
TOTAL	75,000.00	75,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-051**
PROJECT TITLE	
Replace Car 3	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace Car 3 (2017 Ford Interceptor SUV). This vehicle is currently assigned to the Captain, and is used for inspections and emergency response. It is now approaching 9 years old and showing signs of wear and tear. This is 1 of 5 Fire Department utility vehicles that are all aging and appear on this year's CIP application.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	75,000.00			75,000.00		
Other						
TOTAL	75,000.00			75,000.00		

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-052**
PROJECT TITLE	
Replace Car 6	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace the current Car 6 (2015 Ford Interceptor SUV). The current vehicle now has over 105,000 miles and is showing signs of heavy wear and tear. It is currently used as a utility vehicle (most often used a by new firefighters commuting daily to the the Mass Fire Academy Recruit Training Program). The new vehicle would be assigned to either the Chief or Captain, with one of those current vehicles being re-assigned to the utility vehicle role. This request has been moved up a year due to the deteriorating condition of this vehicle. This is 1 of 5 Fire Department utility vehicles that are all aging and appear on this year's CIP application.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	75,000.00	75,000.00				
Other						
TOTAL	75,000.00	75,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-053**
PROJECT TITLE	
Replace Engine 1	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace Engine 1 (1996 E-One Pumper). This vehicle is currently in reserve status and housed at the South Gardner Fire Station. It is placed in service when another Engine is out of service for repairs, or staffed by recalled Firefighters to respond to major incidents. This vehicle is now almost 30 years old and in fair condition for it's age, although it currently has a limited role. The Fire Department's other two pumpers are 2019 and 2024 vintage and both in good condition. Replacement of this vehicle is recommended in FY29. This new pumper would become one of the Fire Department's primary response vehicles, and the next oldest pumper would be moved to reserve status. It should be noted that a 2 year delivery time should be expected after ordering the new custom vehicle. Current estimated replacement cost is $1,000,000.00.as new fire apparatus prices have increased dramatically over the last several years.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	1,000,000.00			1,000,000.00		
Other						
TOTAL	1,000,000.00			1,000,000.00		

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-054**
PROJECT TITLE	
Replace Rescue 4	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace Rescue 4 (2018 Ford F550/Horton Ambulance). Currently this ambulance is in reserve status, as a new ambulance was placed in service August 2024 (purchased with ARPA funds). Industry recommendations and best practices call for ambulances to be kept in service for 10 years (5 as primary/5 as reserve). Replacing this unit in FY28 would follow this recommendation, keeping the Fire Department ambulance on the planned replacement schedule. It should be noted that there is currently an approximate time frame of 2 years from the time an order is placed until the new vehicle is delivered.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	500,000.00		500,000.00			
Other						
TOTAL	500,000.00		500,000.00			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-055**
PROJECT TITLE	
Replace Truck 5	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace the current Truck 5 (2015 Ford F250 pickup truck). This vehicle is used as a plow truck, for towing trailers, and general utility and equipment moving. It has 10 years of hard use, including snow plowing Fire HQ, the Annex lot, and the South Gardner Fire Station that have caused heavy wear and tear. The truck is also showing significant body corrosion. The Fire Department needs reliable vehicles, and this critical vehicle is approaching the end of it's useful lifespan. This is 1 of 5 Fire Department utility vehicles that are all aging and appear on this year's CIP application.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	85,000.00	85,000.00				
Other						
TOTAL	85,000.00	85,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-056**
PROJECT TITLE	
Fire HQ Building Addition/Renovation	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The Fire Headquarters building was constructed in 1978 and is approaching 50 years old. At that time, there were two other staffed fire stations. Now all operations are consolidated at HQ. The building is aging and suffering from extensive wear & tear from years of 24/7 service. It also lacks space for the current number of employees, female employees, current fire service safety & decontamination facilities, and the number and size of modern fire apparatus and ambulances that are housed there. The building had a new metal roof installed over the past year due to wind storm damage, which was paid through insurance. This was a significant investment in the building. Moving forward with this project would meet the needs of the Fire Department for the next 50+ years.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	10,000,000.00	10,000,000.00				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	10,000,000.00	10,000,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**26-103**
PROJECT TITLE	
Fire HQ Building Addition/Renovation Feasability Study	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☒ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is the first step in the process for determining how to move forward with an addition/renovation of the current Fire Department Headquarters building. This study would analyze the current and future needs of the Fire Department, as well as evaluate the current facilities.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	250,000.00	250,000.00				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	250,000.00	250,000.00				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-018**
PROJECT TITLE	
Replace Truck 4	
DEPARTMENT	
Fire	
SUBMITTED BY	**DATE SUBMITTED**
Chief Lagoy	12/9/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This is a request to replace the current Truck 4 (2018 Ford F-150). This pickup truck is used daily by the Fire Prevention/Training Officer for inspections, training evolutions, and emergency response. It is also used for towing Fire Department trailers and general errands. This vehicle is now almost 8 years old and is in fair condition. Replacement should be considered in the 3-4 year range to maintain a reliable emergency response vehicle. This is 1 of 5 Fire Department utility vehicles that are all aging and appear on this year's CIP application.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	75,000.00			75,000.00		
Other						
TOTAL	75,000.00			75,000.00		

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-058
PROJECT TITLE	
Landill Erosion Control	
DEPARTMENT	
Health	
SUBMITTED BY	**DATE SUBMITTED**
Micah Blondeau	1/14/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☒ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The City of Gardner has been required to submit a corrective action plan and schedule with MassDEP as a result of erosion observed on the cap of the landfill. In particular, 3 letdown channels have significantly eroded, leading to improper drainage of surface water. The most recent groundwater monitoring has shown that contaminants in excess of reportable limits have impacted surface water in an abutting property.

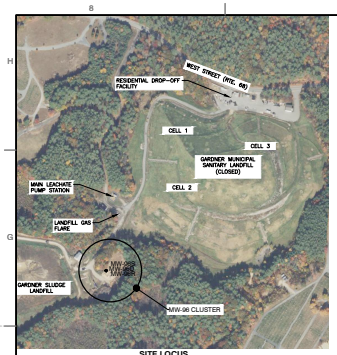
The corrective action plan also includes the replacement of 2 groundwater monitoring wells that have been damaged and are no longer able to be sampled. Sampling of these wells is a requirement of the landfill closure monitoring.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		186,537				
Infrastructure						
Study/Design		43,000				
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790



SITE LOCUS
N.T.S.

NORTH

WEST STREET (ROUTE 68)

CELL 1

CELL 2

CELL 3

GARDNER SANITARY LANDFILL

NORTH BASIN

SOUTHWEST BASIN

SOUTHEAST BASIN

RESIDENTIAL DROP-OFF FACILITY

MAIN LEACHATE PUMP STATION

LANDFILL GAS FLARE

CELL 1 FLOW METER MH

CELL 2 FLOW METER MH

FORCE MAIN

EXIST. SWH

CHAIN LINK FENCE GATE (TYP.)

CHAIN LINK FENCE (TYP.)

EXIST. BUILDING

EXISTING DIVERSION BERM (TYP.)

DECOMMISSION AND REPLACE MW-96S AND MW-96R, SEE NOTES AND DETAIL THIS SHEET ACCESS BY STANDARD OVER THE ROAD DRILL RIG, DOES NOT REQUIRE ATV RIG

SCALE IN FEET
0 80 160

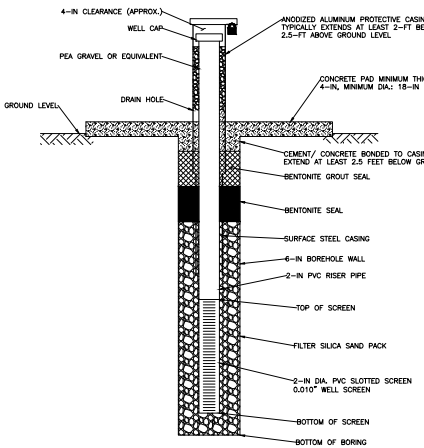
LEGEND

GW-12	EXISTING GAS EXTRACTION WELL
	EXISTING LANDFILL GAS HEADER
HC-2	EXISTING HORIZONTAL GAS COLLECTOR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING DIVERSION BERM
	EXISTING WELLHEAD CONTROL VALVE
	EXISTING VALVE
	EXISTING LEACHATE MANHOLE
N 5,500	COORDINATE GRID LINE
	EXISTING RIP-RAP
	EXISTING PROPERTY LINE
GMW-8	PERIMETER GAS MONITORING PROBE
L.F.G. 6"	EXISTING LANDFILL GAS PIPE AND SIZE
MW-16	EXISTING GROUNDWATER MONITORING WELL
	EXISTING PAVED ROAD
	EXISTING GRAVEL ROAD

MONITORING WELL REPLACEMENTS

LOCATION	GROUND ELEV.	WELL SCREEN	BOTT. OF BORING
MW-96R	982.22'±	28.5' - 32.5' B.G.S.	32.5' B.G.S.
MW-96S	982.71'±	1.0' - 12.0' B.G.S.	12.0' B.G.S.

*ACCORDING TO BORING LOGS DATED 2/19/1997 AND 2/20/1997 COMPLETED BY CUSHING, GOINS & KIRSCHNER, INC., CONTRACTOR TO REFER TO BORING LOGS TO CONFIRM DEPTHS
B.G.S.= BELOW GROUND SURFACE



GROUNDWATER MONITORING WELL DETAIL
NOT TO SCALE

NOTES

1. GROUNDWATER MONITORING WELLS SHALL BE INSTALLED IN ACCORDANCE WITH THE MASSACHUSETTS DEPARTMENT OF ENVIRONMENTAL PROTECTION (MADEP) STANDARD REFERENCES FOR MONITORING WELLS, OR OTHER STATE OR LOCAL REQUIREMENTS.
2. GROUNDWATER MONITORING WELLS MW-96S AND MW-96R SHALL BE DECOMMISSIONED IN ACCORDANCE WITH APPLICABLE REQUIREMENTS AND NEW WELLS SHALL BE INSTALLED TO THE SAME DEPTHS AS EXISTING, SEE BORING LOGS AS PROVIDED. A STANDARD OVER THE ROAD DRILL RIG CAN BE USED AS THE ACCESS IS ON EXISTING GRAVEL ROAD AND STAGING AREAS, ACCESS DOES NOT REQUIRE AN ATV DRILL RIG.
3. NEW GW WELLS SHALL BE LOCATED A MINIMUM OF 2 FEET HORIZONTALLY FROM EXISTING GW WELLS, BUT NOT MORE THAN 7 FEET HORIZONTALLY. CONTRACTOR TO REVIEW WITH ENGINEER AND OWNER PRIOR TO DRILLING.
4. PRIOR TO DRILLING, CONTRACTOR RESPONSIBLE FOR CONTACTING DIGSAFE AND LOCATING ANY UNDERGROUND UTILITIES THAT MAY EXIST IN THE AREA.
5. BORING LOGS SHALL BE PROVIDED TO ENGINEER AND OWNER UPON COMPLETION, AND SUBMITTED TO MADEP AS REQUIRED.
6. NEW GROUNDWATER WELLS SHALL BE DEVELOPED AS PART OF THE DRILLER'S SCOPE OF WORK. CONTRACTOR TO COORDINATE WELL DEPTH CHECKS AND INITIAL SAMPLE PURGE WITH CEC PRIOR TO DEMOBILIZING FROM SITE.
7. CONTRACTOR TO PLACE 2 JERSEY BARRIERS IN FRONT OF NEWLY INSTALLED GW WELLS AT COMPLETION OF PROJECT TO PROTECT WELLS FROM DAMAGE.

REVISION RECORD

NO	DATE	DESCRIPTION

31 Bellows Road
Raynham, MA 02767
Ph: 774.501.2176
www.cecinc.com

Civil & Environmental Consultants, Inc.

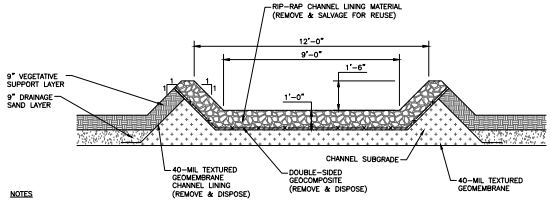
GARDNER CLOSED SANITARY LANDFILL
GROUNDWATER MONITORING
WELL REPLACEMENT
CITY OF GARDNER, MA

SITE PLAN
GROUNDWATER MONITORING
WELL REPLACEMENT

DATE: SEPTEMBER 2024 | DRAWN BY: SBM
DWG SCALE: 1" = 80' | CHECKED BY: PNJ
PROJECT NO.: 344-021
APPROVED BY: DRAFT

DRAWING NO.: 1
SHEET 1 OF 1

P:\34C-0011.344-021--2401\Dwg\3801--- Landfill Shoe Repairs\344021-3801--Site Plan.dwg[3801 MW REPLACEMENT LOG] 9/16/2024 - 10:49:04 AM



NOTES

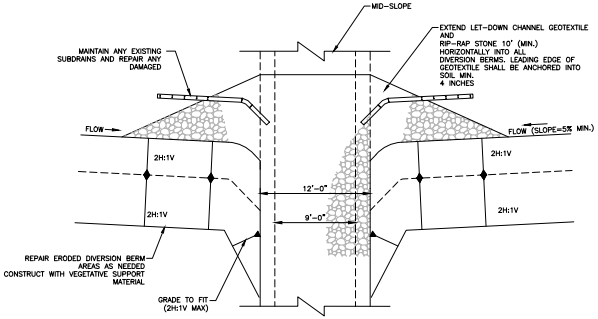
1. DETAIL WAS TAKEN FROM PLANS TITLED "DETAIL SHEET 1, CELLS 1, 2, & 3 FINAL COVER, GARDNER SANITARY LANDFILL," PREPARED BY BROWN AND CALDWELL AND DATED MARCH 2005.

1/2 EXISTING LET DOWN CHANNEL CROSS-SECTION

SCALE: 1"= 3'

CONSTRUCTION SEQUENCE - LET DOWN CHANNEL REPAIRS

1. CONTRACTOR SHALL LAYOUT AREA OF REPAIR AND REVIEW WITH THE OWNER AND ENGINEER PRIOR TO COMMENCING WORK. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING NEAR/ABOVE FINAL COVER GEOSYNTHETICS AND LANDFILL GAS PIPING/COMPONENTS. DAMAGE CAUSED TO THE EXISTING GEOSYNTHETICS OR TO THE LANDFILL GAS SYSTEM SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.
2. REMOVE THE EXISTING RIPRAP IN THE LETDOWN CHANNEL AND STOCKPILE FOR REUSE. CAREFULLY REMOVE THE EXISTING VEGETATIVE SUPPORT SOIL ALONG THE EDGES OF THE LETDOWN CHANNEL AS NECESSARY AND STOCKPILE ON-SITE FOR RE-USE. AVOID MIXING OF THE VEGETATIVE SUPPORT SOIL WITH THE UNDERLYING DRAINAGE SAND.
3. CAREFULLY REMOVE THE EXISTING DRAINAGE SAND ALONG THE EDGES OF THE LETDOWN CHANNEL AS NECESSARY AND STOCKPILE ON-SITE FOR RE-USE. AVOID MIXING OF THE DRAINAGE SAND WITH THE OVERLYING VEGETATIVE SUPPORT SOIL. DRAINAGE SAND MUST BE REMOVED USING HAND TOOLS WITHIN 6 INCHES OF THE EXISTING FINAL COVER GEOMEMBRANE. CONTRACTOR SHALL BE RESPONSIBLE FOR EXERCISING EXTREME CARE DURING THIS PROCESS SO AS NOT TO DAMAGE THE EXISTING FINAL COVER GEOMEMBRANE.
4. REMOVE AND DISPOSE OF EXISTING GEOMEMBRANE CHANNEL LINER AND EXIST. CHANNEL GEOCOMPOSITE/GEOTEXTILE THAT MAY BE PRESENT.
5. REMOVE EXIST. CHANNEL SUBGRADE LOCATED BENEATH CHANNEL LINING MATERIAL AND REUSE TO REBUILD SIDES OF ERODED LETDOWN CHANNEL, OR STOCKPILE EXCESS CHANNEL SUBGRADE AT OWNER'S DESIGNATED ONSITE STOCKPILE LOCATION.
6. THE VEGETATIVE SUPPORT SOIL AND DRAINAGE SAND SHALL MEET THE REQUIREMENTS OUTLINED BELOW:
   - 6.1. THE DRAINAGE SAND LAYER SHALL CONSIST OF SOIL WITH A MINIMUM PERMEABILITY OF $1x10^{-3}$ CM/SEC AND LESS THAN 10% PASSING THE #200 SIEVE.
   - 6.2. THE VEGETATIVE SUPPORT LAYER SHALL CONSIST OF SOIL WITH AN ORGANIC CONTENT NOT LESS THAN 8%, A pH BETWEEN 5.0 AND 7.0 AND CONSIST OF A 3-INCH MINUS SOIL.
7. REPAIR ANY DAMAGE TO EXISTING FINAL COVER GEOMEMBRANE USING APPROPRIATE EXTRUSION WELDING REPAIR METHODS WITH 40 MIL TEXTURED GEOMEMBRANE.
8. INSTALL 16 OZ. GEOTEXTILE TO LINE CHANNEL BOTTOM AND SIDES BEFORE PLACING RIPRAP.
9. REINSTALL SALVAGED RIPRAP, AND INSTALL ADDITIONAL OFFSITE SOURCE RIPRAP AS NEEDED TO MEET 12-INCH THICK DEPTH REQ'T.
10. REPLACE THE DRAINAGE SOIL LAYER AND VEGETATIVE SUPPORT SOIL LAYER TO THE THICKNESS INDICATED ON THE EXISTING FINAL COVER SECTION DETAILS
11. HYDROSEED ALL DISTURBED AREAS OR INSTALL SEED, FERTILIZER AND EROSION CONTROL MAT.

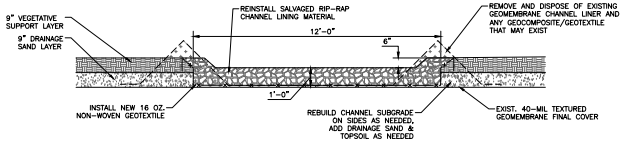


NOTES:

1. ALL DIVERSION BERM INLETS SHALL BE REPAIRED AS NOTED IN THIS DETAIL. CONTRACTOR SHALL REMOVE AND SALVAGE SOIL MATERIALS AS NECESSARY FOR REUSE.
2. ANY OFFSITE SOILS OR RIP-RAP NEEDED FOR PROJECT SHALL MEET REQUIREMENTS AS INDICATED ON THIS SHEET AND IN NOTES.
3. CHANNEL LINING MATERIAL (GEOTEXTILE & RIPRAP), SHALL EXTEND A MIN. OF 10-FEET INTO EACH DIVERSION BERM THAT INTERSECTS THE LET-DOWN CHANNEL.
4. DISTURBED AREAS SHALL BE LOAMED AND HYDRO-SEEDED BY THE CONTRACTOR.

3/2 PROPOSED LET-DOWN CHANNEL INLET REPAIR DETAIL

SCALE: 1"=8'



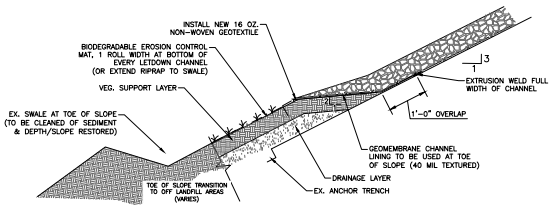
NOTES

1. GEOSYNTHETIC MATERIALS ARE NOT TO SCALE.
2. RIPRAP LINING CHANNEL LINING SHALL BE MINIMUM OF 12-INCHES THICK.
3. ANY IMPORTED RIPRAP NEEDED FOR THE PROJECT SHALL CONSIST OF WELL GRADED ROCK, CONSISTING OF A D50 WITHIN THE FOLLOWING LIMITS:

STONE SIZE	% OF MASS
6" - 12"	30 - 60
4" - 6"	30 - 40
2" - 4"	10 - 20
1" - 2"	10 - 20
LESS THAN 1"	0 - 10

2/2 PROPOSED LET DOWN CHANNEL CROSS-SECTION

SCALE: 1"= 3'

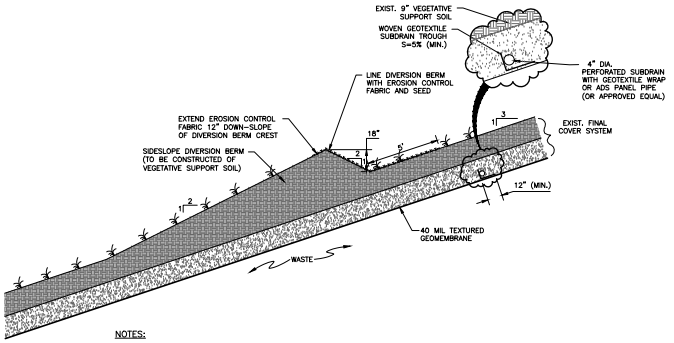


NOTES

1. A GEOMEMBRANE CHANNEL LINING WILL ONLY BE USED AT THE TOE OF SLOPE OF EACH LETDOWN CHANNEL REPAIR AREA, TO TRANSITION THE STORMWATER RUNOFF ONTO VEGETATIVE SUPPORT SOILS AND OFF-LANDFILL AREAS.

5/2 PROPOSED LET DOWN CHANNEL TOE-OF-SLOPE TRANSITION CROSS-SECTION

SCALE: 1"=3'



NOTES:

1. ANY ERODED DIVERSION BERMS SHOULD BE REPAIRED TO MEET THIS DETAIL.
2. EXISTING SUBDRAINS TO STAY IN PLACE. ANY DAMAGED SUBDRAINS TO BE REPAIRED TO MEET THIS DETAIL.
3. TO THE GREATEST POSSIBLE EXTENT, THE EXISTING DRAINAGE SOIL LAYER SHALL REMAIN IN-PLACE AND UNDISTURBED DURING THE FINAL COVER REPAIR WORK. ANY DRAINAGE LAYER SOIL REMOVED BY THE CONTRACTOR SHALL BE REPLACED TO A MINIMUM THICKNESS OF 9". SOIL REMOVAL WITHIN 6-INCHES OF THE FINAL COVER GEOMEMBRANE MUST BE PERFORMED USING HAND TOOLS TO PROTECT AGAINST DAMAGE TO THE FINAL COVER GEOMEMBRANE.
4. THE MINIMUM THICKNESS OF VEGETATIVE SUPPORT SOIL SHALL BE 9". ADDITIONAL SOIL SHALL BE PLACED AS NECESSARY TO FORM THE SIDESLOPE DIVERSION BERM TO THE DIMENSIONS SHOWN ON THIS DETAIL.
5. CONTRACTOR SHALL REPAIR ERODED PORTIONS OF DIVERSION BERMS AS NEEDED TO MAINTAIN FLOW INTO OR NEAR THE LETDOWN CHANNELS. ANY OTHER AREAS WHICH MAY BE ERODED SHALL ALSO BE REPAIRED FOLLOWING APPROVAL OF OWNER'S REPRESENTATIVE.

4/2 DIVERSION BERM REPAIR DETAIL

SCALE: 1"= 4'

REVISION RECORD

NO	DATE	DESCRIPTION

31 Bellows Road
Raynham, MA 02767
Ph: 774.501.2176
www.cecinc.com

Civil & Environmental Consultants, Inc.

GARDNER CLOSED SANITARY LANDFILL
LET-DOWN CHANNEL REPAIRS
CITY OF GARDNER, MA

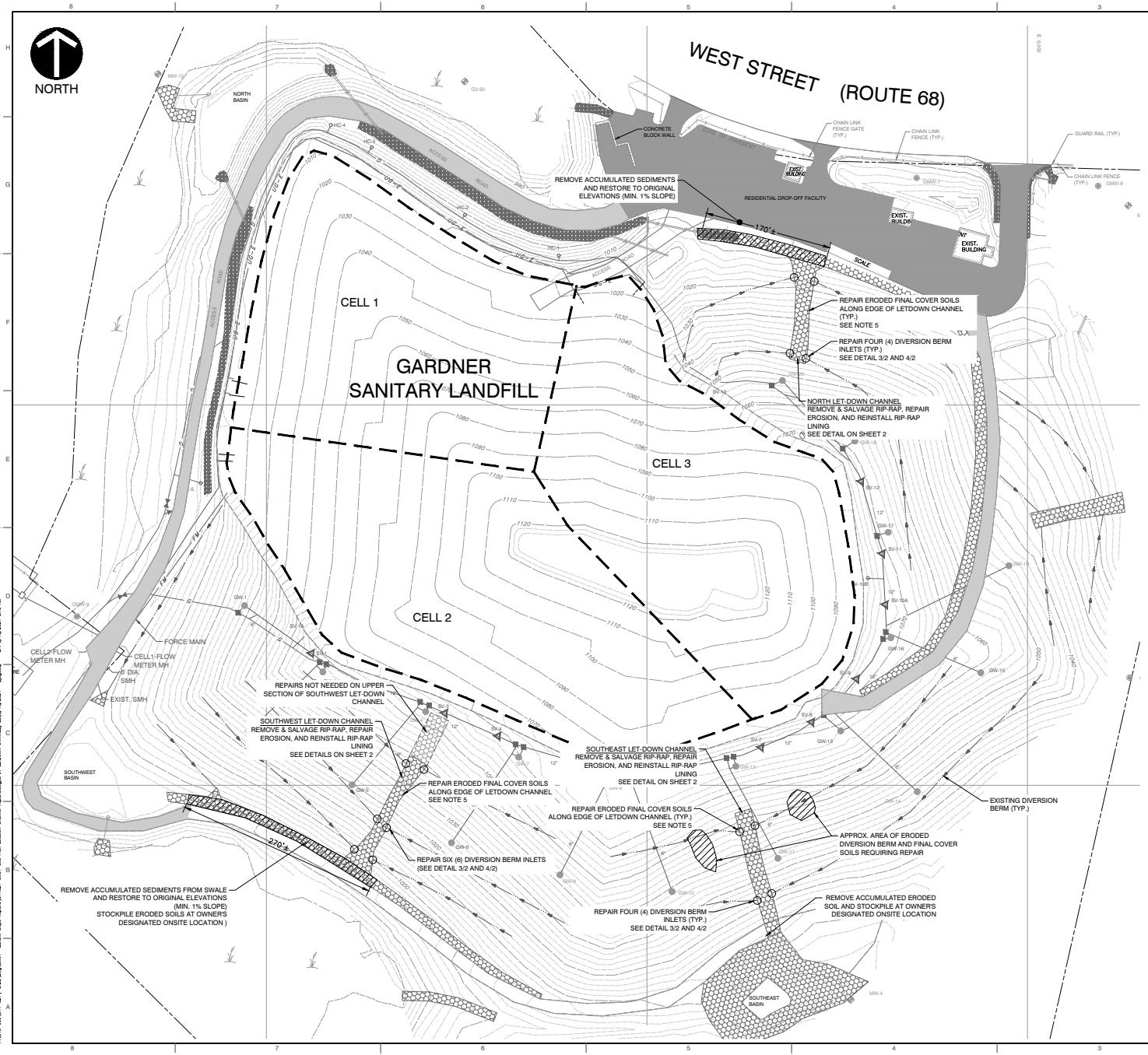
DETAIL SHEET
LET-DOWN CHANNEL REPAIRS

DATE:	SEPTEMBER 2024
DWG SCALE:	AS SHOWN
PROJECT NO.	
DRAWN BY:	SBM
CHECKED BY:	PNJ
	344-021
APPROVED BY:	DRAFT

DRAWING NO.: 2

SHEET 2 OF 2

P:\340-0051.RA.0211 - GDR\Dwg\SHEET - Layout Base Repairs.DWG?? - Layout: Base Repairs.DWG?? - Xref: Base Repairs.dwg|BORDER|Base Repairs.dwg|Base Repairs.dwg|Base Repairs.dwg



LEGEND

GW-12	EXISTING GAS EXTRACTION WELL
	EXISTING LANDFILL GAS HEADER
HC-2	EXISTING HORIZONTAL GAS COLLECTOR
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING DIVERSION BERM
	EXISTING WELLHEAD CONTROL VALVE
	EXISTING VALVE
	EXISTING LEACHATE MANHOLE
N 5,500	COORDINATE GRID LINE
	EXISTING RIP-RAP
	EXISTING PROPERTY LINE
GMW-6	PERIMETER GAS MONITORING PROBE
L FG 6"	EXISTING LANDFILL GAS PIPE AND SIZE
MW-16	EXISTING GROUNDWATER MONITORING WELL
	EXISTING PAVED ROAD
	EXISTING GRAVEL ROAD

NOTES

1. EXISTING CONDITIONS AND SITE TOPOGRAPHY SHOWN ON THIS PLAN IS BASED ON HISTORICAL SITE DRAWINGS TO ILLUSTRATE THE GENERAL SCOPE OF WORK. EXISTING SITE CONDITIONS MAY VARY FROM WHAT IS SHOWN ON THESE PLANS, CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER IF CONDITIONS DIFFER SIGNIFICANTLY FROM PROPOSED DESIGN MODIFICATIONS.

2. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING NEAR THE EXISTING FINAL COVER GEOMEMBRANE. DAMAGE CAUSED TO THE EXISTING GEOMEMBRANE SHALL BE REPORTED TO THE OWNER AND ENGINEER IMMEDIATELY, AND SHALL BE REPAIRED BY THE CONTRACTOR AT THEIR OWN EXPENSE.

3. THERE MAY BE EXISTING LANDFILL GAS PIPES IN THE FINAL COVER SOILS NOT IDENTIFIED ON THIS PLAN. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING TO AVOID DAMAGE TO LANDFILL GAS PIPING AND COMPONENTS. ANY DAMAGES SHALL BE REPAIRED BY THE CONTRACTOR.

4. STABILIZATION NOTES: THE CONTRACTOR SHALL ESTABLISH PERMANENT STABILIZATION USING HYDROSEEDING METHODS ON ALL DISTURBED AREAS. TEMPORARY EROSION CONTROL MEASURES MAY BE REQUIRED DURING CONSTRUCTION TO MINIMIZE SEDIMENT RUNOFF AND SLOPE EROSION

5. CONTRACTOR SHALL REPAIR EROSION ALONG EDGES OF LETDOWN CHANNEL AS NEEDED AND SHALL REUSE EXISTING SOILS TO THE MAX. EXTENT POSSIBLE. OFFSITE IMPORTED DRAINAGE SAND AND VEGETATIVE SUPPORT SOILS SHALL MEET REQ'TS IN NOTE #6 ON SHEET 2.

ITEM	GENERAL SCOPE OF WORK	
1.0	GENERAL	
	1.1	MOBILIZATION/DEMOBILIZATION
	1.2	EROSION & SEDIMENTATION CONTROLS
	1.3	HYDROSEED ALL DISTURBED AREAS
2.0	NORTH LET-DOWN CHANNEL REPAIRS	
	2.1	REPAIR & REBUILD ERODED LET-DOWN CHANNEL AND RIPRAP LINING
	2.2	REPAIR FOUR (4) DIVERSION BERM INLETS
	2.3	REMOVE ACCUMULATED SEDIMENTS IN SWALE AND RESTORE SWALE GRADES
	2.4	REPAIR ERODED FINAL COVER SOILS AS NEEDED
3.0	SOUTHEAST LET-DOWN CHANNEL REPAIRS	
	3.1	REPAIR & REBUILD ERODED LET-DOWN CHANNEL AND RIPRAP LINING
	3.2	REPAIR FOUR (4) DIVERSION BERM INLETS
	3.3	REMOVE ACCUMULATED SEDIMENTS AT TOE OF SLOPE
	3.4	REPAIR ERODED FINAL COVER SOILS AS NEEDED
4.0	SOUTHWEST LET-DOWN CHANNEL REPAIRS	
	4.1	REPAIR & REBUILD ERODED LET-DOWN CHANNEL AND RIPRAP LINING
	4.2	REPAIR SIX (6) DIVERSION BERM INLETS
	4.3	REMOVE ACCUMULATED SEDIMENTS IN SWALE AND RESTORE SWALE GRADES
	4.4	REPAIR ERODED FINAL COVER SOILS AS NEEDED

NOTE: SEE BID FORM FOR ESTIMATED QUANTITIES AND BID ITEMS.

REVISION RECORD

NO	DATE	DESCRIPTION

31 Bellows Road
Raynham, MA 02767
Ph: 774.501.2176
www.cecinc.com
Civil & Environmental Consultants, Inc.

GARDNER CLOSED SANITARY LANDFILL
LET-DOWN CHANNEL REPAIRS
CITY OF GARDNER, MA

SITE PLAN
LET-DOWN CHANNEL REPAIRS

DATE:	SEPTEMBER 2024
DWG SCALE:	1" = 60'
PROJECT NO.	344-021
APPROVED BY:	DRAFT
DRAWN BY:	SBM
CHECKED BY:	PNJ

DRAWING NO.: 1
SHEET 1 OF 2

P:\34C-0001\344-021--2021\Dwg\SHT--- Landfill Base Mapping\344021-SHT--Site Plan Letdown Channel Repairs.dwg(ltr) LETDOWN CHANNEL (8/16/2024 - slopes) - LP: 8/16/2024 8:18 AM

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-059
PROJECT TITLE	
Transfer Station Faclities	
DEPARTMENT	
Health	
SUBMITTED BY	**DATE SUBMITTED**
Micah Blondeau	1/14/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	5+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Construction of a permanent transfer station office with electricity, internet, sanitary sewer, and potable water. The current facilities at the transfer station consist of 2 porta-potties, an insulated shed for the monitor's station, and an unheated trailer for an office/breakroom. There is no water service for handwashing available. Electricity is supplied to the attendants shed via a small generator, and heat is provided by a propane radiator in the monitor's shed. Transfer station staff are subject to the elements year round without adequate facilities. Attached is a preliminary quote for the installation of a modular office, equipped with a bathroom and a mini split hvac system.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		150,000	150,000			
Infrastructure		50,000	50,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

Gardner Transfer Station
ROM Proposal

Project Contact:
Name
Title: Director of Construction
Development and Solutions
Email: mwhite@triumphmodular.com
Mobile: 267-638-2365

12/17/2024

Micah Blondeau R.S.
Director of Public Health
City of Gardner MA
95 Pleasant Street Room 29
Gardner, MA 01440

Dear Micah,
Thank you for your interest in exploring a modular office space facility with Triumph Modular. The modular construction method enables a significant amount of construction, in some cases up to 80%, to be completed off-site concurrent with permitting and preparation of the site to accept your new building.

The result is less disruption to your campus and personnel, more assurance of schedule and cost, and greater speed to occupancy.

Please find attached ROM pricing on the options detailed.

Please do not hesitate to reach out if you have any questions.

Best,

Megan White
Director of Construction Development and Solutions
mwhite@triumphmodular.com
267-638-2356

Building Information:

- (1) 10’x44’ modular office unit
- (1) Individual office space
- (1) Unisex restroom

Associated Costs:

- Modular Building and Installation: $329,800
  - Building drawings – Architectural, Structural, MEP
  - Transport the modular unit from Littleton, MA to Gardner, MA
  - Foundation system – Dry stack block on below grade concrete piers
  - Set unit via track machine
  - Install interior and exterior seaming at mate lines, including skirting around the building perimeter
  - 1/8” VCT flooring throughout
  - ½” vinyl covered gypsum walls throughout
  - 4” vinyl cove base throughout
  - C-spray ceiling, finished ceiling height 8’-0” AFF
  - Smart panel exterior siding with smart trim
  - R-30 Floor insulation
  - R-19 Exterior wall insulation
  - R-48 Ceiling insulation
  - R-11 Interior wall insulation
  - 48”x24” Horizontal sliding windows with Low E insulated glass

Please understand that providing Rough Order of Magnitude pricing is a challenge as specifications, design, site conditions, and scopes of work are all loosely defined at best.

The risk therefore providing a budget that is too low, resulting in disappointment with the results of a formal bidding process, or one too high that might cast doubt about the viability of a project.

Code Classification:

- Number of Stories: One
- Occupancy: Construction Code
- Construction: VB

Triumph will provide the following:

Division 1 – General Conditions, Building Code and Permitting Clarifications

- Design engineering services for construction and building department submission
- Client to provide civil design plan with proposed building layout
- All required staffing and general requirements to responsibly manage and facilitate turnkey construction project
- Submission to local building department for building permit and certificate of occupancy following installation

Division 2 – Site Work, 3 – Concrete, 4 – Masonry, 5 – Metals, 6 – Wood & Plastic, 7 – Thermal Moisture Protection, including Delivery, Set Up and Construction Services, at installation

- Building foundation will be per approved PE drawings provided by Triumph, and approved by local authority
- Site preparation and removal of excess material for new modular building foundation system
- Trenching, installation, and backfilling for new utility services
- Triumph to provide (2) new utility conduits from existing utility pole. Transformer provided by others (if required)
- Transport the modular units to the site, including all over the road transportation permits and route survey (if required), escort cars and local police escort if required.
- Removal and disposal of shipping walls and materials from modular units, preparation for set up on foundation, furnish of rigging equipment to set modular units on foundation specified, level and bolt buildings together and make weather tight.
- Placement of modules is assumed to be by track machines
- Anchoring of the building according to licensed engineer stamped tie down plan (provided by Triumph)
- Furnishing and installation of skirting materials around building perimeter with appropriate access and ventilation as required.

Division 15 – Mechanical/ Plumbing

- (1) 2.5 ton heat pump with 10 KW
- (1) individual restroom
- (1) Utility closet with mop sink
- Instant flow water heater
- Water and sewer connections (Assumed to municipal utilities)

- HVAC connections

Division 16 – Electrical

- Assumed electrical service is adequate size to accommodate new load requirements
- Outlets, switches, interior and exterior lights to code
- Security system and cameras are by others.
- Card access, low voltage/ data wiring, patch panels are by others.
- Electrical connections (Assumed to municipal utilities)

Division 17 – Miscellaneous

- Proposal is based on non-union, non-prevailing wage rates unless specified otherwise
- Assumes all existing utilities are adequately sized to support additional load with no modifications or improvements required
- Furniture (desk, chairs, tables, etc.) for these units have NOT been included in the above pricing
- Marker boards and smart boards for these units have NOT been included in the above pricing
- Shut down of any existing systems or any associated fee(s) if applicable, by others
- Final clean will be considered “construction clean” and includes broom clean, vacuuming of floors, wiping down of wall surfaces and interior and exterior cleaning of windows
- Pricing does NOT include sales, use, personal or real property taxes if applicable
- Police site detail for traffic management during installation is NOT included
- Construction fencing/ site security fencing during construction is by others

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-006**
PROJECT TITLE	
Greenwood Pool Resurfacing	
DEPARTMENT	
Human Resources	
SUBMITTED BY	**DATE SUBMITTED**
Amanda Morse	12/5/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The Greenwood Pool is in need of resurfacing, as it has not been completed in nearly 20 years. The previous resurfacing was expected to have a useful life of approximately 10–12 years, and the surface has now significantly deteriorated beyond that timeframe. The condition of the pool has reached a point where continued operation may not be possible without repair.

This project would include draining the pool, repairing any structural cracks or damage, and applying a new plaster or aggregate surface to ensure safe and reliable operation. Timely completion of this project is critical to prevent potential closure for the upcoming swim season and to maintain a key community recreational amenity.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	150,000	150,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	150,000	150,000				

* If multiple categories for single project, include cost for each and for each FY as needed

C.M. Chartier Contracting

Christof Chartier <christof.chartier@cmchartier.com>

Scope of work

1 message

Nick Elezi <teamstarpools@gmail.com> Wed, Sep 24, 2025 at 9:05 PM
To: christof@cmchartier.com

Team Star Pools & Masonry Inc.
P.O. Box 899, Methuen, MA 01844
(603) 540-1436
Toll-Free: 1-866-810-988

CM Chartier
Christof Chartier
978 340 2903

Scope of Work:
1. The association empties the pool.
2. Install 8 new non slip racing lines tiles one foot wide 2x2 and 80 feet long. Similar to existing. Install new tiles at the wall the same as they are. Install tiles on the steps. Price: $39,000
4. Chip around fitting and light. Power wash the pool and apply a bonding agents to stick the plaster. Price: $27,000
5. Check pool for hollow spots and cracks. If there is hollow and cracks it will be extra charge.
6. Apply white plaster to pool. Price: $75,000.00

Team Star pays for all materials except water.

Total Price: $141,000.00

If accepted, send a signed copy of this proposal with an initial deposit of $41,000 to the PO Box at the top of the email. Another payment of $50,000 is due when the pool is prepped And the final payment of $50,000 is due when the job is completed.

Signature: _____
Date:_____

Signature: _____
Date: _____

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2027 – FY2031

PROJECT ID (by Committee)	**27-007**
PROJECT TITLE	
Splash Park Repair	
DEPARTMENT	
Human Resources	
SUBMITTED BY	**DATE SUBMITTED**
Amanda Morse	12/5/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The City's Splash Park has been non-operational for over five years due to multiple equipment and infrastructure failures. This project would address the necessary repairs and replacements required to restore the facility to safe and functional condition. Planned improvements include replacing broken tipping buckets and other play features, performing maintenance and repairs on the sand filtration system, repairing underground pipelines, and restoring the holding tank and associated mechanical components.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure	22,000	22,000				
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	22,000	22,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

Water Splash
Turnkey Splash Park Equipment Manufacturer
Barnesville, Georgia
sales@watersplashnet.com | www.watersplashnet.com

Date: May 13, 2025
To: City of Gardner, Massachusetts
Attn: Parks and Recreation Department
Subject: Official Project Cost Submittal – Splash Park Maintenance and Equipment Replacement

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Dear City of Gardner Officials,

Water Splash is pleased to provide this official project cost submittal for the planned repair, maintenance, and component replacement for your existing splash park facility. Our team is committed to delivering high-quality service and ensuring your splash pad is fully operational and safe for the 2025 season.

Scope of Work

Chemical Feed Pump Replacement

Supply and install **two (2)** new chemical feed pumps.

Each unit is rated for accurate chlorine or acid dosing.

Replacement and Installation of Tipping Buckets

Remove existing units and install **three (3)** new thumbling bucket features.

Sand Filter Maintenance

Remove existing sand media and replace with new filtration-grade sand.

Pipeline Repair

Locate and repair broken underground line servicing the **cannon** water feature.

Tank Cleaning and System Testing

Full interior tank cleaning.

Functional testing of:

Water manifold

Activator unit

Circulation pumps

Chemical controller

Ensure operational status and calibrate for optimal performance.

Cost Summary

Item	Quantity	Unit Cost (USD)	Total (USD)
Labor	-	-	$18,000.00
Chemical Feed Pumps	2	$400.00	$800.00
Tipping Buckets	3	$760.00	$2,280.00
Shipment		$400	$400.00
Subtotal			**21,480.00**

Contingency Items (If Required)

Circulation Pump (each): $1,800.00

Chemical Controller (replacement): $3,000.00

Activator Sensor (replacement): $250.00

Check valves on suction line of pumps: $370 (each)

Contingency items will only be billed if existing components fail testing and require replacement.

Project Schedule

Work Completion Deadline: On or before June 15, 2025

We appreciate the opportunity to support the City of Gardner with this critical upgrade and maintenance service. Our team is prepared to mobilize and ensure all systems are operational for the upcoming splash season.Should you have any questions or require additional documentation, please feel free to contact us directly.

Sincerely,
Gokhan Celik
CEO, Water Splash
gcelik@watersplashnet.com
(800) 936 3430

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-057**
PROJECT TITLE	
Computer-Aided Dispath/Records Management Software	
DEPARTMENT	
Police	
SUBMITTED BY	**DATE SUBMITTED**
Chief Eric McAvene	2/3/2025 (rev FY27)

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The current CAD/RMS system the Gardner Police Department uses was first installed in February/March 2002. This program has been serviced by Central Square for the last several years. We have been informed that the company will stop doing updates and program fixes in the near future. This will eventually cause the end of lfe for the program we use. Initial costs of a new software program are $600,000-700,000 for the initial data migration and setup. One of the programs looked at has a yearly subscription of $96,000 and the other was $127,000 per year and after the initial cost. We will seek required bids when approved for this project.

This is a substantial cost and we are required by law to maintain records. Some of these records need to be maintained indefinitely. This project is a priority and will most likely need to be completed in the 2-5 year range. This system is used daily by all employees of the police department.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure			$750,000	$60,000	$60,000	$60,000
Study/Design						
Vehicle/Equipment						
Other						
TOTAL			$750,000	$60,000	$60,000	$60,000

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-001**
PROJECT TITLE	
1-ton Dump Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new 1-ton Dump Truck with Plow to replace 2008 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment				85,000		
Other						
TOTAL				85,000		

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-002**
PROJECT TITLE	
1-ton Dump Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new 1-ton Dump Truck with Plow to replace 2012 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment					85,000	
Other						
TOTAL					85,000	

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-003**
PROJECT TITLE	
1-ton Dump Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new 1-ton Dump Truck with Plow to replace 2001 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		85,000				
Other						
TOTAL		85,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-004**
PROJECT TITLE	
6 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

6 Wheel Dump Truck/Spreader/Plow replacing 1992 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			295,000			
Other						
TOTAL			295,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-005**
PROJECT TITLE	
6 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

6 Wheel Dump Truck/Spreader/Plow replacing 1995 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment				295,000		
Other						
TOTAL				295,000		

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-006**
PROJECT TITLE	
6 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

6 Wheel Dump Truck/Spreader/Plow replacing 1998 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment					295,000	
Other						
TOTAL					295,000	

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-007**
PROJECT TITLE	
6 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

6 Wheel Dump Truck/Spreader/Plow replacing 2001 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment						295,000
Other						
TOTAL						295,000

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-008**
PROJECT TITLE	
6 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

6 Wheel Dump Truck/Spreader/Plow replacing 1988 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		295,000				
Other						
TOTAL		295,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-009**
PROJECT TITLE	
10 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

10 Wheel Dump Truck/Spreader/Plow replacing 1997 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			385,000			
Other						
TOTAL			385,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-010**
PROJECT TITLE	
10 Wheel Dump Truck/Spreader/Plow	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

10 Wheel Dump Truck/Spreader/Plow replacing 2005 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		385,000				
Other						
TOTAL		385,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-011**
PROJECT TITLE	
24' Double Garage Door	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Remove 2 existing garage doors and replace with 1-24' garage door for large trucks with plows for service bay.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		25,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		25,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-012**
PROJECT TITLE	
Backhoe	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

New Backhoe to replace 2007 backhoe

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment				145,000		
Other						
TOTAL				145,000		

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-013**
PROJECT TITLE	
Bucket Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new Bucket Truck for tree work/forestry department to replace 2011 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		150,000				
Other						
TOTAL		150,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-014**
PROJECT TITLE	
Cab and Chassis for Sander	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new/used Cab and Chassis to install existing sander body

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			35,000			
Other						
TOTAL			35,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-015**
PROJECT TITLE	
Cab and Chassis for Sander	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new/used Cab and Chassis to install existing sander body

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		35,000				
Other						
TOTAL		35,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-016**
PROJECT TITLE	
Cremation Vaults	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase Cremation Vaults and Site work at Crystal Lake Cemetery

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities			200,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL			200,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-017**
PROJECT TITLE	
Large Mower	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Large Mower with 14' mower deck to replace 2005 mower

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			45,000			
Other						
TOTAL			45,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-018**
PROJECT TITLE	
Front End Loader	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

New Front End Loader Replacing 2002 Loader

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			252,000			
Other						
TOTAL			252,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-019**
PROJECT TITLE	
Front End Loader	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

New Front End Loader Replacing 1999 Loader

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment					252,000	
Other						
TOTAL					252,000	

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-022**
PROJECT TITLE	
Repave Municipal Lots	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Pave Municipal Parking Lots

Knowlton Street Parking Lot
West Street Parking Lot
George Sweeney Park
Nichols Street Parking Lot
West Lynde Street (North) Parking Lot
Library Parking Lot
Fire Department Lot
Animal Shelter Parking Lot
Waterford St Parking Lot
Pleasant Street Parking Lot CAC
Uptown Parking Lot
Connors Street Lot
Pine Street Lot
City Hall Parking Lots
Police Department Parking Lot
Municipal Garage Parking Lot
School Parking Lots

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		100,000	100,000	100,000	100,000	100,000
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		100,000	100,000	100,000	100,000	100,000

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-023**
PROJECT TITLE	
Pick-up Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

New 1-ton pick-up with plow to replace 2005 pick-up

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			85,000			
Other						
TOTAL			85,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-024**
PROJECT TITLE	
Pick-up Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

New 1-ton pick-up with plow to replace 2005 pick-up

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment					85,000	
Other						
TOTAL					85,000	

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-025**
PROJECT TITLE	
Sidewalk Tractor	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new sidewalk tractor with blower/sweeper to replace 1994 tractor

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			190,000			
Other						
TOTAL			190,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-026**
PROJECT TITLE	
Sidewalk Tractor	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new sidewalk tractor with blower/sweeper to replace 2001 tractor

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment					190000	
Other						
TOTAL					190000	

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-027**
PROJECT TITLE	
Sidewalk Tractor	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new sidewalk tractor with blower/sweeper to replace 2006 tractor

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment						190,000
Other						
TOTAL					.	190,000

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-028**
PROJECT TITLE	
Sign Department Printer	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	7

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Replace Sing Plotter/Printer/Banner Maker replaces 2018 machine

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment		26,000				
Other						
TOTAL		26,000				

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-029**
PROJECT TITLE	
Street Sweeper	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new Street Sweeper to replace 2005 sweeper

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			310,000			
Other						
TOTAL			310,000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-030**
PROJECT TITLE	
Tractor/Brush CUtter	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Tractor and brush cutter for roadside brush clearing to replace 2011 tractor

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			125,000			
Other						
TOTAL			125,000			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-031**
PROJECT TITLE	
Utility Body Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new Utility style body pick-up to replace 2006 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment			92,000			
Other						
TOTAL			92,000			

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-032**
PROJECT TITLE	
Utility Body Truck	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Purchase new Utility style body pick-up to replace 2016 truck

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment						92,000
Other						
TOTAL						92,000

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-033**
PROJECT TITLE	
Wilder Field Drainage/Soccer Field	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Install drainage at Wilder Field and build soccer field

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities				100,000		
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL				100,000		

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-034**
PROJECT TITLE	
Bickford Playground Improvements	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Install New Toddler and 8-12 year olds Playground Equipment, New Backstops and Ball Field Improvements

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities			150000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL			150000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-035**
PROJECT TITLE	
DPW Facility Upgrades	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/17/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The existing Department of Public Works garage was built in the early 1970, nearing 55 years old. The facility is in dire need of new siding, roof, garage doors and electrical upgrades along with new insulation. The building is poorly insulated allowing heat to escape through many openings throughout the building. There are many rotted overhead doors. The electrical system needs to be upgraded.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		3,000,000	~~3,000,000~~			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		3,000,000	~~3,000,000~~			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-036**
PROJECT TITLE	
Jackson Playground Improvements	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Install New Toddler and 8-12 year olds Playground Equipment, New Backstops and Ball Field Improvements

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities			150000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL			150000			

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-037**
PROJECT TITLE	
OC/Bickford Ball Field Light Replacement	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Replace Lights at OC and Bickford Ball Fields

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		$100,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		$100,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-038**
PROJECT TITLE	
OC Playground Improvements	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Install New Toddler and 8-12 year olds Playground Equipment, New Backstops and Ball Field Improvements

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities			150000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL			150000			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-039**
PROJECT TITLE	
Pond Brook Drainage Repair	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Drainage Repairs needed on Pond Brook where culvert is collapsing

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		500,000		~~500,000~~		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		500,000		~~500,000~~		

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-040**
PROJECT TITLE	
Sign Room Expansion/Building	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Expand existing sign room at the DPW. Lines and Signs Department has outgrown existing small room

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		275,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		275,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	**26-041**
PROJECT TITLE	
Remove Underground Fuel Storage Tanks	
DEPARTMENT	
Public Works	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	12/19/2024

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	N/A

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Remove Underground Storage Tanks located at the DPW. These tanks have been taken out of service and are mandated by DEP to be removed by 5-20-26. Add fill material, compact, regrade site, and pave the DPW lot that has not been paved since 1970's

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		600,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL		600,000				

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-086
PROJECT TITLE	
Collection System Improvements	
DEPARTMENT	
Sewer (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the relining of aging sewer lines and the repair of deteriorating sewer manholes. These improvements are essential to maintaining the integrity of the wastewater collection system, preventing inflow and infiltration, and reducing the risk of costly emergency repairs. By proactively addressing these infrastructure needs, we can extend the service life of existing assets, enhance system performance, and ensure continued compliance with environmental and public health standards.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$500,000	$500,000	$250,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$1,250,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-087
PROJECT TITLE	
Pump Station Upgrades	
DEPARTMENT	
Sewer (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Summit Street Sewer Pump Station and Racette Avenue Pump Station have reached the end of their useful lives. Summit Street will need to be replaced and upgraded in order to support increased flows from Ashburnham. Racette will be replaced in kind.

For FY2026 the DPW submitted Summit Street Pump Station as a candidate for a Congressionally Directed Spending Grant. We anticipate hearing back on the award status in late 2026.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$1,000,000				
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$1,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-088
PROJECT TITLE	
Sludge Landfill Expansion / Hauling	
DEPARTMENT	
Sewer (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Pending State-level regulatory approval this money would fund the construction of an expansion to the existing landfill as well as appurtenant infrastructure in the area. The current landfill is expected to be at capacity in 2027. If approval is not granted for the sludge landfill expansion third party hauling of the sludge will be required.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure			$7,000,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$7,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-089
PROJECT TITLE	
Wastewater Treatment Plant Upgrade	
DEPARTMENT	
Sewer (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

The Wastewater Treatment Plant in it's current configuration was built in 1986. Major repairs and upgrades to meet modern wastewater regulations were completed in 2014 and 2018. This project will be the next phase of those repairs and upgrades. This work will primarily be focused on the clarifier sweep mechanisms and structural coatings to the primary,intermediate & final clarifier tanks.

This work will utilize the EPA Clean Water Trust.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$5,000,000	$5,000,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$10,000,000	$5,000,000	$5,000,000			

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-090
PROJECT TITLE	
1 Ton Pickup Truck	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

1 Ton pickup truck for work & snow removal related to Water Dept.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$100,000				
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$100,000	$100,000				

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-091
PROJECT TITLE	
CLWTF PLC Replacement	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the replacement of the programmable logic controllers (PLCs) at the Water Treatment Facility. The existing PLCs are nearing the end of their service life and pose a risk to reliable plant operations. Upgrading to modern PLC systems will enhance operational control, improve system reliability, and reduce the likelihood of unplanned downtime. This investment is essential for maintaining compliance, optimizing performance, and supporting the long-term resiliency of the facility.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$250,000				
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$250,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-093
PROJECT TITLE	
Dam Repairs	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for critical repairs to the dam at Perley Brook. These repairs are necessary to address structural deficiencies, ensure regulatory compliance, and protect downstream properties and infrastructure. Investing in the dam's integrity now will reduce the risk of future failures, enhance public safety, and provide long-term stability.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure			$1,000,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$1,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-094
PROJECT TITLE	
Elevated Water Tank Interior Repairs	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the interior cleaning and relining of the elevated water storage tank. The tank's protective interior coating has deteriorated over time, increasing the risk of corrosion and potential water quality issues. Cleaning and relining the tank will restore its structural integrity, extend its service life, and ensure continued compliance with public health and safety standards. This proactive maintenance is essential for preserving the reliability of the drinking water system.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities		$650,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$650,000					

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-095
PROJECT TITLE	
Treatment Facility Upgrades	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital improvement project request covers a number of items at two locations. Both Crystal Lake Water Treatment Facility and Snake Pond Water Treatment Facility have multiple assets (pumps, tanks, HVAC etc.) that are reaching the end of their useful life.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$100,000	$200,000	$200,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$500,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-096
PROJECT TITLE	
Perley Brook Pump Station Replacement	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the replacement of the Perley Brook Pump Station, which plays a critical role in transferring water from the Perley Brook Reservoir to Crystal Lake to maintain appropriate water levels for drinking water production. The existing pump station is aging and increasingly unreliable, posing a risk to the consistent supply of raw water to the treatment facility.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure				$600,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$600,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-097
PROJECT TITLE	
Water Main Replacement	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the replacement of aging water mains throughout the distribution system. Many of these mains are undersized, prone to breaks, or nearing the end of their useful life, posing risks to water quality, service reliability and roadway damage. Design work has already been completed for many of the proposed replacement locations, allowing the project to move forward efficiently.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure			$5,000,000	$6,000,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$11,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM
FY2026 – FY2030

PROJECT ID (by Committee)	26-098
PROJECT TITLE	
Water Meter Replacement	
DEPARTMENT	
Water (Enterprise)	
SUBMITTED BY	**DATE SUBMITTED**
Dane E Arnold	4/15/2025

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	20+

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

This capital expense request is for the replacement of outdated municipal water meters. Upgrading to modern, more accurate meters will improve billing efficiency, reduce water loss through more precise usage tracking, and enhance customer service. The new meters will also support long-term operational savings and provide the data needed for proactive system management and future planning.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
Facilities						
Infrastructure		$1,000,000	$1,000,000			
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	$2,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-060
PROJECT TITLE	
Central Office Building	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $5,000,000. Project would construct a new office building to house all of the Central Office Administration and Departments. This would include approximately 16 people making up the District Administration team and Special Education team. All of these people are currently housed in Elm Street School. Elm Street School was originally built as a high school in 1926. The buildings electrical, HVAC and utilities are mostly original to the building. The District offices are mainly on the second floor of the building. It is not the highest and best use of Elm Street School. A new efficient and modern building on the three school campus would be beneficial.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	5,000,000		5,000,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	5,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST
FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-061
PROJECT TITLE	
ESS Auditorium	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $150,000. This project will re-finish the floor and paint the walls and ceiling at ESS.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	150,000					150,000
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	150,000					

* If multiple categories for single project, include cost for each and for each FY as needed

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CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-062
PROJECT TITLE	
ESS Replace Bathroom Partitions	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $75,000. This project will replace original bathroom partitions throughout the buildings. Many of the partitions have been repaired past their useful life span.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	75,000			75.000		
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	75,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-063
PROJECT TITLE	
ESS Roof	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $250,000. Project consists of the replacement and/or repair of the ESS roof. Project would have a consultant assess the roof at ESS as leaks continue to appear. Facilities patches the roof, but leaks continue.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	250,000		250,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	250,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-064
PROJECT TITLE	
ESS Standby Generator	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $250,000. This project will replace the generator at ESS. The current generator is past its expected useful life.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	250,000				250,000	
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	250,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-065
PROJECT TITLE	
Facilities Garage Addition	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $500,000. Project would add on to the existing facilities garage. The current two bay garage is used to store various pieces of equipment such as tractors, mowers, paint machines, attachments, etc. The space is full and a lot of equipment is stored outside. An addition would allow all the equipment to be stored inside and out of the elements.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	500,000		500,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	500,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST
FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-066
PROJECT TITLE	
Facilities Pickup Truck	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	☒ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	10

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $65,000. Project would purchase a new truck for the facilities department. A new truck will replace the 2012 GMC Sierra with over 100,000 miles on it. The newest truck in our fleet of four (4) is a 2021 Chevrolet Silverado.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment	65,000	65,000				
Other						
TOTAL	65,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-068
PROJECT TITLE	
GHS C-Wing (locker rooms) renovations	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $3,000,000. This project will take a holistic look at the C-wing of GHS (Gym and Cafeteria). In particularly, the boys and girls locker rooms and associated rooms/offices. In both locker rooms, the showers are not utilized and the original lockers are well beyond their useful life. The weight room is undersized. The tile work is failing after 50 years of use and abuse. The project would re-make the aforementioned areas into modern usable locker rooms, weight rooms and offices.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	3,000,000		3,000,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	3,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST
FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-069
PROJECT TITLE	
GHS Replace Exit / Emergency Lighting	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $150,000. This project will replace original EXIT signage and emergency lighting. A lot of the EXIT signage at GHS is not code compliant, but is grandfathered in as it is not illuminated. The emergency lighting is mostly original to the building and is need of updating and replacement.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities		150,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-070
PROJECT TITLE	
GHS Interior Painting	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $150,000. This project will paint all interior walls at GHS. While some walls are painted each year, many of the walls have not been re-painted in excess of 15 years.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	150.000			150,000		
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	150.000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-071
PROJECT TITLE	
GHS Landscaping	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $50,000. This project will replace the existing landscaping of mostly ewe bushes. First impressions are important and the first impression of the landscaping around the City's premier educational facility is lacking. Many of the bushes are damaged, dying or missing. A new low-maintenance landscape design would not only be appealing, but would also assist in time is takes to maintain the area.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities				50,000		
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-074
PROJECT TITLE	
GHS Replace Service Equipment	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/24

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $800,000. This project will replace original service equipment throughout the building. The Auditorium project replaced a dangerous and original piece of service equipment which serves the electrical needs of a portion of the buildings. Replacement of the remaining equipment is necessary. The reason this is listed as a low priority is that an engineering firm would need to be consulted to evaluate the existing equipment and make recommendations for replacement equipment. This would push the timing of the project out past two years.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure				800,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-076
PROJECT TITLE	
GHS Standby Generator	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $250,000. This project will replace the original 49 year old generator. The current generators size will only run a portion of the building during an electrical outage. A new appropriately sized generator will ensure essential functions like lighting, heating, security systems and communication networks will continue to operate during an outage. Most of the aforementioned electrical needs (i.e. security, communication) were not in existence at the time of construction.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities			250,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-077
PROJECT TITLE	
GHS to GMS Fiber Underground	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☒ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $40,000. Project would replace the overhead lines that currently carry the fiber with underground conduit. The current lines are currently strung on self-installed telephone poles at a less than optimal height.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure				40,000		
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-078
PROJECT TITLE	
GMS Domestic Hot Water Tank	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $50,000. Project would replace the original domestic hot water tank which is original to the building. The tank is showing signs of age and components are beginning to fail

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities			50,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST
FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-079
PROJECT TITLE	
GMS Electronic Sign	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	▬ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	▬ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $40,000. Project would replace the original movable letter sign near the entrance to GMS. This would align with the electronic signs at GHS and GES and allow for important information to be displayed to all visitors.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities						
Infrastructure						
Study/Design						
Vehicle/Equipment						40,000
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-080
PROJECT TITLE	
GMS Road Improvements	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	15

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $500,000. Project consists of reclamation and re-paving of road, restoration/replacement of curbing of approximately 2,200 linear feet of two-lane road. Project would start at the intersection of the GMS roadway and Catherine Street and include the perimeter roadway at GMS. The goal is to have this completed by the end of 2025.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities			500,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-082
PROJECT TITLE	
GMS Rooftop Condensers	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	■ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $350,000. Project would replace the original rooftop condensers at the same time as the GMS roof project. Condensers are original to the construction of the building. The goal is to have this completed by the end of 2027.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities		350,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-083
PROJECT TITLE	
GMS Unit Ventilator Controller	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☒ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☒ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $500,000. Project would replace the original controllers for the unit ventilators in each room at GMS. The current controllers are twenty-nine (29) years old, not supported or manufactured any longer and are beginning to fail.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities			500,000			
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST
FORM FY2027 – FY2031

PROJECT ID (by Committee)	26-084
PROJECT TITLE	
GHS Elevator Renovations	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☒ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☒ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	50

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $150,000. There is only one elevator at GHS and it is original to the building. A recent inspection noted that the elevator was "tired" and many portions of the elevator were past their life expectancy. The project would entail the updating of the GHS elevator to include the motor, cables, cab interior, cab floor and all aspects and devices of the elevator cab and equipment. It would also bring portions of the elevator into ADA compliance (call button positioning).

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	150,000	150,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	150,000					

* If multiple categories for single project, include cost for each and for each FY as needed

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	27-008
PROJECT TITLE	
GHS Roof	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	■ Facilities	☐ Infrastructure	☐ Study/Design	☐ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	☐ High *Needed in next 2 years*	■ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	25

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $2,000,000. Project consists of the replacement and/or repair of the GHS roof. Project is likely an MSBA candidate.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities	2,000,000					2,000,000
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL	2,000,000					

* If multiple categories for single project, include cost for each and for each FY as needed

11790

CITY OF GARDNER CAPITAL IMPROVEMENT PROJECT REQUEST FORM FY2027 – FY2031

PROJECT ID (by Committee)	27-009
PROJECT TITLE	
GMS PA and Clock System	
DEPARTMENT	
School	
SUBMITTED BY	**DATE SUBMITTED**
School	11/5/25

Insert Picture if available/applicable

CATEGORY	☐ Facilities	☐ Infrastructure	☐ Study/Design	▬ Vehicle/Equipment	☐ Other
PRIORITY	☐ Emergency *Immediate Need*	▬ High *Needed in next 2 years*	☐ Low *Needed in 2-5 years*	**USEFUL LIFE (YRS)**	30

PROJECT DESCRIPTION

Please describe the project. Explain priority and justification for the project.

Estimated cost $175,000. Project would replace the original PA and Clock system that is currently not working and is no longer supported by the manufacturer. The parts needed to get the system running again are no longer available.

Provide additional sheets as necessary

Category*	Five Year Total	Estimated Cost by Fiscal Year				
		FY 2027	FY 2028	FY 2029	FY 2030	FY 2031
Facilities		175,000				
Infrastructure						
Study/Design						
Vehicle/Equipment						
Other						
TOTAL						

* If multiple categories for single project, include cost for each and for each FY as needed

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 17, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: A Measure Accepting Donations to the Executive Department

Dear Mr. President and Councilors,

As you are aware, the General Laws of the Commonwealth require legislative approval and acceptance on donations received by the City.

Attached, please find all donations to the Executive Department for various events during the 2025 calendar year.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

ACCEPTANCE OF DONATIONS AND GIFTS TO THE EXECUTIVE DEPARTMENT

VOTED: That the City of Gardner is authorized to accept certain donations and gifts for use by the Executive Department in its various programs, said acceptance in accordance with the provisions of Chapter 44, Section 53A ½ of the General Laws.

September 2025 Massachusetts Mayors Association Event Sponsors:

- Gateway Fiber Company - $3,000.00
- Constellation Energy - $1,000.00
- Candor Realty - $500.00

2025 Hispanic Heritage Festival:

- Candor Realty- $500.00
- Molina Properties - $500.00
- Aguilar Construction - $500.00
- GFA Federal Credit Union - $250.00
- Mount Wachusett Community College - $750.00
- Gateway Fiber Company - $750.00

Holiday Horse Drawn Carriage Rides:

- Molina Properties - $1,000.00
- Empire Management Co. - $1,300.00
- Gateway Fiber Company - $750.00

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 17, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Order Appropriating $51,200.00 from Free Cash to Engineering Dept Bridge State Grant Account

Dear Mr. President and Councilors,

As you are aware, Gardner was recently awarded a MassTrails Grant from the Executive Office of Energy and Environmental Affairs in the amount of $204,800.00 for the purpose of finalizing the engineering plans for the pedestrian/bicycle bridge to be constructed over Route 140.

The attached appropriation order covers the required match from the City for this grant, allowing us to stay on schedule for the eventual construction of the bridge.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

Be it Ordered by the City Council

AN ORDER APPROPRIATING FROM FREE CASH TO THE ENGINEERING DEPARTMENT

BRIDGE STATE GRANT ACCOUNT

ORDERED: That the sum of Fifty-One Thousand Two Hundred Dollars and No Cents ($51,200.00) be appropriated from the Free Cash to the Engineering Department Bridge State Grant Account for the sole and exclusive purpose to cover the grant match for finalizing the engineering plans for the pedestrian/bicycle bridge to be constructed over Route 140.

FURTHER ORDERED: That said appropriation shall be expended only for the purpose stated herein, and no portion of this appropriation shall be used for any other purpose, whether directly or indirectly;

FURTHER ORDERED: That upon completion of the stated purpose, or upon determination by the Mayor that no further expenditures are required for said purpose, any unexpended or unencumbered balance shall revert to the General Fund, if not otherwise prescribed by Massachusetts General Laws, and shall not be transferred, repurposed, or re-appropriated except by a separate vote of the City Council.

COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF CONSERVATION AND RECREATION
MASSTRAILS GRANT AWARD

Grant Award Recipient: City of Gardner
Award Date: 1/14/2026
Grant Contract ID: P26-3655-G17A

MASSTRAILS GRANT AGREEMENT

This document represents a Grant Agreement between **City of Gardner** and the Department of Conservation and Recreation (DCR) for the **North Central Pathway Bike Bridge** project as awarded under the MassTrails Grant Program. The project scope *may* have been modified after receiving the results of our mandatory regulatory review by agency partners. Please carefully review the project description below and the specific conditions – *if any* – that must be adhered to. Failure to meet and comply with the specific conditions may result in termination of the award.

Project Description:
The project consists of the construction of a grade separated bridge for a Shared Use Path over Route 140 which will connect the North Central Pathway from the existing trail on the north side of Route 140 to the southern portion which is currently under 75% design. The bridge is the final link of the pathway project which will connect downtown Gardner to Winchendon. The 25% design has been approved by MADOT and the project is on the STIP list.

Summary of Specific Conditions:
Continue to coordinate with MassDOT.

A full list of general regulations is provided and outlined in Section 14, "Compliance with State and Federal Regulations." *Please carefully read the entire section*. Contact the MassTrails Administrator if you need further clarification on what is required.

Upon signature of this Grant Agreement by the Project Manager or authorized signatory and in conjunction with execution of the fiscal MA Standard Contract by the State, **City of Gardner** may proceed to incur direct and matching expenses in relation to the project scope.

1. GENERAL PURPOSE

The **City of Gardner** agrees to perform the services related to **North Central Pathway Bike Bridge** project as outlined in its original application, any approved revisions, or the above listed general conditions, in accordance with all regulations, policies, and procedures set forth by the State under the MassTrails Program.

2. **GRANT TOTAL**

The maximum amount of funds available to the Grantee pursuant to this agreement shall be **$204,800**. It is further understood and agreed that the Grantee shall only be reimbursed on the basis of actual costs incurred, and that the State's determination of eligible and approved costs shall be final in all cases. It is understood and agreed that all payments of all sums by the State hereunder are contingent upon availability and continued appropriation, and if for any reason whatsoever, such funds shall be terminated or reduced or otherwise become unavailable, the State may terminate this grant in whole or part immediately. Any funds awarded but not spent by the Grantee by the project termination date shall lapse.

3. **COST SHARING PROVISIONS**

The Grantee will be required to provide acceptable documentation in a format that fully accounts for and certifies that the matching funds or in-kind services have been, in fact, incurred on the project. The Grantee must document a minimum of 20% of the *total project cost,* or the amount listed in the grant application. The proposed match for this project, as stated in the grant application, is **$51,200.**

1. **TERM OF GRANT AGREEMENT AND GRANT CONTRACT**

This grant agreement is effective from the date of the endorsed grant contract and Notice to Proceed through **6/30/2027.** All project related expenses submitted for reimbursement must occur within the contract time period. No direct expenses submitted for reimbursement will be accepted or reimbursed if they occur outside of the contract time period. Match can occur outside of the contract time period if negotiated with the MassTrails Administrator in advance. Match must be documented and submitted in order to formally close out the grant and for the grant project to be considered complete.

5. **GRANTEE RESPONSIBILITIES AND COMPLIANCE**

This MassTrails Grant Award represents State financial support for a project through a competitive Request for Proposals (RFP) process and does not preclude any state, federal, or third-party compliance or required steps and tasks to complete the project. Receipt of a MassTrails grant does not translate into automatic State cooperation and/or imply approval across agencies nor does it imply special consideration for additional funding by state agencies or future MassTrails grant applications. The Grantee understands and acknowledges, by signing this Grant Agreement and accepting a MassTrails grant award, that the responsibilities for compliance with state and federal regulations and the grant process, procedures, and requirements contained herein are designated to the Grantee alone. It is the responsibility of the Grantee to review this document as needed to stay updated on grant steps and oversight. The MassTrails Administrator is not responsible for any of the steps or tasks contained herein or as a part of the project, regardless of whether those steps or tasks involve a state agency (including DCR). For example, it is the sole responsibility of the Grantee to contact ***appropriate*** agency personnel directly to obtain required permitting needed to complete the project, or to initiate any outstanding easement or care and control issues. It is the sole responsibility of the Grantee to successfully undertake project communication, procurement, and reimbursement and match tracking.

6. **GRANT INITIATION**

The Grantee shall sign and submit the required Grant Contract Fiscal Paperwork as well as sign this Grant Agreement document before any project work can begin. A site visit will be scheduled with the MassTrails Administrator to review the grant work and the MassTrails Grant Initiation Form before contracting is finalized. In some cases, remote communication will replace the site visit, as determined by the MassTrails Administrator. **The Grantee is required to complete the online Grant Initiation Form and submit it after the site visit/remote communication takes place, finalizing the scope and budget of the grant project.** The Grant Initiation document will be the basis for all reporting going forward and the project will not be closed out until all tasks in the Initiation document have been completed.

A template for the Grant Initiation Form is available on the MassTrails Grants website, as well as a link to the online form submittal.

7. **PROJECT PROGRESS REPORTS**

The Grantee shall submit the online **Grant Project Progress Report** quarterly, or upon request by the MassTrails Administrator at any time. The Progress Report must reflect any changes which were requested between progress reporting periods.

A template for the Progress Report is available on the MassTrails Grants website, as well as a link to the online form submittal.

8. **PROJECT AMENDMENT REQUESTS**

The Grantee shall not amend, revise, or change the approved application, scope, or budget (including the proposed match) without the written consent of the MassTrails Administrator. Requests for a revised scope or budget must be submitted in writing and approved before the Grantee may proceed with the changes. This can be done by completing the online **Grant Amendment Request Form.** If the amendment request is approved and involves a **change in the grant amount, a MA Standard Contract Amendment must be fully executed** (signed by both parties) before proceeding with the updated project related expenses. An initial conversation with the MassTrails Administrator is advised before filling out and submitting the Grant Amendment Request form. If the change is not submitted to MassTrails and approved, any and all costs associated with the change will not be reimbursed.

A template for the Amendment Request Form is available on the MassTrails Grants website, as well as a link to the online form submittal.

PLEASE NOTE: This grant has been awarded through the MassTrails state capital funds budget for two fiscal years. These funds are fiscal year dependent (state fiscal year runs July 1-June 30) and are **not eligible for a time extension contract amendment**. If you find that your project's schedule is encountering delays that may impede completion by **6/30/2027** reach out to the MassTrails Administrator immediately to discuss a plan for spending out the grant award by the contract end date.

9. **PROJECT COMPLETION REQUIREMENTS**

Final reimbursement is contingent upon a satisfactory review of the project, including completing the proposed scope as outlined in the Grant Initiation Form and subsequent forms, and consistency with the proposed budget.

Before the final reimbursement can be finalized and paid, either a final Site Visit or a final remote communication must take place between the Grantee and the MassTrails Administrator. When the project is completed and/or when final documents are being prepared, contact the MassTrails Administrator to determine if a site visit or remote communication is appropriate. At that time, the **Grant Close Out Form** will be discussed. This form mirrors the Grant Initiation Form and must show that all proposed tasks in the initial scope and budget have been completed, much like a contractor's "punch list." If a Grant Amendment was approved, the Close Out form will also show the changes and that the project was completed according to all approved grant amendments. The Close Out Form ultimately should document the project's goals, accomplishments, barriers encountered, and lessons learned. A two-page **Project Summary** Form is required to be filled out as a part of the Grant Close Out process.

Once the project is determined to be complete as proposed, the Grantee shall submit a **Final Request for Reimbursement**. The Final Request for Reimbursement will be completed by using the Reimbursement Summary Sheet and the Reimbursement Excel Workbook labelling both as FINAL.

Templates for the Grant Close Out Form, the Project Summary Form, and the Reimbursement Summary Sheet and Reimbursement Excel Workbook are available on the MassTrails website, as well as a link to the online form submittal. Instructions for the reimbursement procedure are provided in several locations: a subsequent section of this document below, in the reimbursement guidance document located on the MassTrails website, and within the Reimbursement Excel Workbook.

10. MASSTRAILS ACKNOWLEDGEMENT SIGNS

The Grantee shall display formal and permanent recognition/acknowledgment of MassTrails funding at the project site or affixed on equipment purchased through the program. Signs should be constructed of sturdy material that is permanent, large enough to be clearly visible and located at a prominent access point to the project area or prominently included within other signs or kiosks. The suggested language identifies the site as a cooperative venture (e.g., "A Cooperative Trail Project between the 'Name of Municipality/Organization' and MassTrails" OR "This project is funded in part by MassTrails"). Any printed materials such as trail brochures, celebration announcements or website information should also identify the financial partnership that made the project a reality. Stickers or decals shall be printed and displayed on all equipment purchased with MassTrails funding. **It is also encouraged that the Grantee develop and distribute a press release upon the award of the grant and/or project completion, acknowledging MassTrails as a source of funds for the project.**

11. TERMINATION OF GRANT CONTRACT

Any failure by the Grantee to abide by or carry out any of the terms or conditions of this grant shall, at the discretion of the State, result in termination of this grant, if, after notice to the Grantee, said default is not remedied within ten (10) days. In the event of termination, no further reimbursement payments shall be made by the State.

12. CONSTRUCTION INSPECTION REPORT; AUDITS

State representatives may, at any time, inspect the project and review the Grantee's records and files. Upon notification of project completion, the State may inspect projects and prepare a written report. Recommendations for corrective actions will be made, if appropriate. A copy of the report will be sent to the Grantee. Deficiencies, if any, shall be corrected and reported, in

writing, to the State within twenty-one (21) days of receipt of the inspection report. Final reimbursement payment will not be made until deficiencies are corrected. The Grantee agrees to submit to all requested inspections and audits by State officials which relate to the services and payments under this grant.

13. RECORD RETENTION

All program and financial records shall be retained by the Grantee for state audit purposes and available for public inspection for a period of six (6) years ***after*** the contract end date or final payment on the project, whichever date is later. At a minimum, the following records shall be maintained and made available for audit: invoices, for purchased materials and for all design and construction costs indicating check number and date paid on each invoice; cancelled checks or copies thereof; bid, solicitation, and procurement documents; work changes, change orders and contract amendments. Record retention for purchases of items $10,000 or more must include, at minimum, documentation which provides the basis for contractor selection, justification for lack of competition when competitive bids or offers are not obtained, and a basis for the award cost or price.

14. COMPLIANCE WITH STATE AND FEDERAL REGULATIONS

The Grantee will ensure that the project complies with all applicable state regulations as listed in this section. It is the responsibility of the Grantee to obtain any required permitting or record of communication with regulatory review agencies as instructed below. If required, documentation of the review or permit must be on file with the MassTrails Administrator before the trail project can begin. Tracking and submitting required documentation is the sole responsibility of the Grantee. If documentation is not submitted at the appropriate time, the grant may be subject to termination.

- **Massachusetts Wetlands/Rivers Protection Acts and Local Wetland Bylaws**
  Any project that alters land within 100 feet of a wetland or 200 feet of a river or stream (or that meets any other condition of the Rivers or Wetlands Protection Act) will require the approval of the local Conservation Commission before any construction can proceed. If instructed by the Commission, filing an RDA and an NOI may be required.

- **Massachusetts Endangered Species Act (MESA)**
  MESA protects rare species and their habitats by prohibiting the "Take" of any plant or animal species listed as Endangered, Threatened, or of Special Concern. Any project activities which occur within Estimated or Priority Habitat as identified by the Massachusetts Natural Heritage and Endangered Species Program (NHESP) must file with the program for review and approval, unless the project has been determined as exempt by NHESP.

- **Massachusetts Environmental Policy Act (MEPA)**
  The MEPA review process provides meaningful opportunities for public review of potential environmental impacts of certain projects for which certain actions by state agencies are required. It requires state agencies to study the environmental impacts of projects requiring state permitting, financial assistance or land disposition, and to use all feasible measures to avoid, minimize, and mitigate damage to the environment or, to the extent damage to the environment cannot be avoided, to minimize and mitigate damage to the environment to the maximum extent practicable. Most MassTrails grants are exempt from MEPA. If a project does require MEPA review, the Grantee must submit a list of all

relevant thresholds and indicate if an ENF and/or an EIR are required. The Grantee must submit relevant communication and final documents to the MassTrails Administrator before the project can proceed.

- **Other Required Permitting**
  There are many additional permitting requirements which may or may not apply to a given project. It is the responsibility of the Grantee to seek out and determine which permits are required, from Temporary Construction Access permits to U.S. Army Corps of Engineers permits.

15. PROCUREMENT PROCEDURES

MassTrails Grantees currently subject to state procurement law must follow state procurement procedures for all activities under this grant and this will satisfy minimum requirements. Other Grantees may follow their own established written procurement procedures however, any procedures relating to the grant project must provide for the following, at minimum:

a. Grantees' avoidance of purchasing unnecessary items.
b. Where appropriate, an analysis is made of lease and purchase alternatives to determine which would be the most economical and practical procurement.
c. When purchasing an item with a value between $10,000 and $150,000, grantees are required to obtain at least three bids for goods and/or services. The solicitations must provide for all of the following:
   i. A clear and accurate description of the technical requirements for the material, product, or service to be procured. In competitive procurements, such a description shall not contain features which unduly restrict competition.
   ii. Requirements which the bidder/offeror must fulfill and all other factors to be used in evaluating bids or proposals.
   iii. A description, whenever practicable, of technical requirements in terms of functions to be performed or performance required, including the range of acceptable characteristics or minimum acceptable standards.
   iv. The specific features of "brand name or equal" descriptions that bidders are required to meet when such items are included in the solicitation.
   v. The acceptance, to the extent practicable and economically feasible, of products and services dimensioned in the metric system of measurement.
   vi. Preference, to the extent practicable and economically feasible, for products and services that conserve natural resources and protect the environment and are energy efficient.

If the Grantee does not have established written procurement procedures, the Grantee accepts and agrees to follow the above procurement policy in place of its own requirements.

16. REIMBURSEMENT

The State agrees to reimburse the Grantee **up to the approved grant amount** for approved expenses incurred in accordance with the project budget subject to the following:

a. It is understood and agreed by the parties that in the performance of this grant and the services hereunder, the Grantee and its servants and employees are in all respects independent contractors and shall neither be determined to be employed by, nor agents of, the State, nor be entitled to any benefits provided by the State to its employees.
b. The Grantee must pay 100 percent of the cost of an item before submitting a request for reimbursement of eligible costs. For example, a Grantee may not apply for reimbursement

for a piece of equipment for which they have set up a loan agreement and monthly payment plan. The equipment must first be paid in full by the entity indicated on the state contract before any reimbursement will be authorized.

i. When requesting reimbursements, the Grantee shall submit **invoices/receipts** for actual costs incurred. All invoices/receipts must show dates within the contract period.

ii. The Grantee must also submit **proof of payment** (such as a cancelled check or credit card statement) of the invoice by the Grantee. All payments must be traced from the invoice/receipt to proof of payment *by the entity* on the state contract.

iii. For **major equipment** purchased through the program (such as a snow groomer), a receipt from the vendor indicating the equipment has been delivered and paid in full, including name, serial number, year of manufacture, accessories received and price from seller, shall also be submitted.

iv. For requests of reimbursement of **staff time**, time sheet records indicating dates and hours spent on the project, tasks accomplished, and billing rates must be submitted by using the appropriate tab(s) in the Reimbursement Excel Workbook. Proof of payment to the staff must also be submitted, such as payroll records or copies of pay stubs. The hourly rate must be clearly displayed, or a letter from the organization stating the hourly rate of each employee must be provided. Indirect/fringe costs can be included. A letter from the organization stating the indirect cost rate must be included for verification of the rate. If your organization has a Negotiated Indirect Cost Rate Agreement (NICRA), you must include documentation of rate from the issuing Federal Agency, otherwise you may use the de minimis indirect cost rate of 10 percent.

c. If a third party has made a purchase on behalf of the Grantee, the original invoice/receipt must be documented as well as proof of that direct payment having been made (i.e., third party must provide a copy of the credit card statement showing the transaction, or cancelled check, or other acceptable proof of payment). If a credit card was used an extra step is required. The third party must provide the subsequent month's credit card statement to show that payment was made on the account for the month in which the project related purchase was made. As a result of this requirement, MassTrails *highly discourages* using a third party to pay for project expenses. As a last step, proof of payment to the third party by the Grantee must be submitted (e.g., a cancelled check, EFT, paystub showing reimbursed amount).

d. The Final Reimbursement Request must be submitted as complete no later than 15 days after the grant contract has ended. For example, goods and services must be completed by the end date of the contract, but payment for those goods or services and submittal of the reimbursement request can be submitted up to, but not exceeding, 15 days past the contract end date. Documentation must be complete at this time, meaning all required back up documents must be included and approved by the MassTrails Administrator. This may require submitting a "draft" reimbursement request prior to the deadline (this is recommended) to ensure that all required paperwork is included.

e. The Grantee's final reimbursement will be held until a site visit has been conducted by the MassTrails Administrator and the Grant Close Out Form has been submitted and approved.

f. The Grantee will submit a Grant Close Out Form, final budget, and Project Summary Form.

g. The Grantee may submit multiple reimbursement requests, on a monthly basis at most, during the grant period.

17. MATCH

The Grantee shall document incurred **match** with each reimbursement request and/or with the final reimbursement request, unless otherwise pre-authorized by the MassTrails Administrator. Match represents 20% of the TOTAL PROJECT VALUE, not 20% of the reimbursement amount. The easiest way to calculate this is to take your grant award amount and multiply by 0.25. For example, a $100,000 grant award requires $25,000 match (80% of $125,000 equals $100,000 and 20% equals $25,000).

a. All match activities must occur within the contract dates unless pre-authorized by the MassTrails Administrator. This includes use of cash overage from project expenses, donations, equipment use, and staff and/or volunteer labor hours.

b. Any match that is actual cash spent towards the project must be documented with the same requirements as the reimbursement requests. Invoices and proof of payment are required.

c. Volunteer labor as match must be documented using the appropriate tab(s) in the Reimbursement Excel Workbook. Information must include names, dates, hours worked, description of work accomplished and value of those hours for every hour claimed.

d. Volunteer event days should be documented as stated in the previous bullet, with the addition of a *volunteer sign in sheet signed by each participant*. Sample sign in sheets can be provided by the MassTrails Administrator upon request.

e. If staff time is utilized as match, grantees must complete the appropriate tab in the Reimbursement Excel Workbook. Proof of payment to the employee must be provided as well, either in the form of copies of paystubs or a payroll report. The hourly rate must be clearly displayed, or a letter from the organization stating the hourly rate of each employee must be provided. Indirect costs/fringe can be included. A letter from the organization stating the indirect cost rate must be included for verification of the rate. If your organization has a Negotiated Indirect Cost Rate Agreement (NICRA), you must include documentation of rate from the issuing Federal Agency, otherwise you may use the de minimis indirect cost rate of 10 percent.

f. Donations must be documented with either an invoice with zero balance due and wording indicating donation, or a written statement from the entity that has made the donation, stating the donation, its value, and to whom it was given. Proof of the value of the donation must also be submitted, either on the invoice or by another form of valuation such as the most current value listed on a website where comparable products are sold. As a commonly donated material for trail construction projects, the most recent USGS Aggregate rates are included in the Reimbursement Excel Workbook for help in valuation of various stone products.

18. EQUIPMENT PURCHASES

Equipment is defined as tangible personal property having a useful life of at least five years and a per-unit acquisition cost of $5,000 or greater. If applicable, the equipment title will rest with the Grantee and must be used for the proper authorized use as stated in the project application. The Grantee is required to use the equipment for its proposed and intended purpose for a *reporting period of five years*.

If applicable, Buy America certification is required by MassTrails *before* the Grantee purchases the equipment. Additionally, until the Grantee provides a copy of an acceptable form of certification, MassTrails will not release the endorsed grant contract and Notice to Proceed which will delay the start of the Grantee's project.

An **Equipment Report** including the purchase details, title (if applicable), condition, use, and storage location shall be submitted with the Request for Reimbursement which contains documentation of the equipment purchase and match. An updated **Equipment Report** must then be *submitted annually in January for a period of five years following the project end date.* For ease of compliance with this program requirement, the MassTrails Administrator will send a reminder notice to the Grantee each January for five years.

A template for the Equipment Report Form is available on the MassTrails Grants website, as well as a link to the online form submittal.

19. ACQUISITIONS

Projects involving land acquisition are required to follow the Executive Office of Energy and Environmental Affairs Land Acquisition Policy. If the project involves land acquisition, the MassTrails Administrator will provide the Grantee with documentation of the requirements and specifications.

20. LAND OWNERSHIP

Proposals for construction projects that will take place on land that is not owned or managed by the applying organization must include a signed statement from the landowner or manager specifically authorizing the project and ensuring that the property is open for continuing public access. If a MassTrails **Landowner Permission Form** (Public or Private version) or letter outlining similar permission language was not submitted at the time of grant application, MassTrails will not release the endorsed grant contract and Notice to Proceed until such time as the Grantee sends in the permission required. Similarly, if there is a Conservation Restriction (CR) on the parcel, the CR holder must provide written authorization for the project either using the MassTrails **Conservation Restriction Work Authorization Form** or providing a letter with language that clearly conveys that permission is granted for the project to proceed.

Any required permits or authorizations, such as a Temporary Construction Access Permit, must be obtained *by the Grantee* and submitted to the MassTrails Administrator before any construction takes place. Tracking and submitting required documentation is the sole responsibility of the Grantee. If documentation is not submitted at the appropriate time, the grant may be subject to termination.

A list of the required steps/tasks or permitting for a project will be finalized and submitted on the **Grant Initiation Form** at the onset of the project. A plan for ongoing stewardship and continued communication must be formalized between the Grantee or other designated party and the landowners (or CR holders), for a period of no less than 10 years.

Consultation with the landowner or CR holder must continue throughout the grant project. Likewise, the grant project must remain consistent with those agreements outlined in the grant application. If a scope or budget amendment is requested, the MassTrails Administrator reserves the right to request an updated landowner/CR holder permission be secured by the Grantee that

acknowledges and approves of the updated scope or budget project elements that may affect the landowner/CR holder.

21. COMMUNITY AND STAKEHOLDER OUTREACH

It is the responsibility of the Grantee to manage and perform necessary outreach and notifications to the community, stakeholders, and abutters of the project area. Any community concerns or issues regarding the project will be addressed and managed by the Grantee. It is the Grantee's responsibility to have all permissions and approvals in place prior to trail design, construction, or maintenance work. If there is a particular point of controversy at any point during the grant project time period, the Grantee should notify the MassTrails Administrator as a courtesy and to discuss the issue.

22. TERMS AND CONDITIONS

This Grant Agreement serves as a guidance document outlining compliance and regulatory responsibilities of the Grantee. The Grantee takes full responsibility for complying with all requirements listed above or the grant may be subject to termination without reimbursement. The Grantee should reference the fiscal contract documents (MA Standard Contract, Commonwealth Terms and Conditions) for legal obligations and compliance regarding the fiscal agreement being entered into between the state (DCR) and the Grantee.

23. INITIALIZED CHECKLIST AND SIGNATURE

Please initial in the line shown after each of the following statements and refer back to these statements and the Grant Agreement document in full for guidance as your project progresses:

- The Grantee understands that ***under no circumstances can the grant contract be extended***. The end date of this grant is the date listed on the Standard Contract Form, NTP, and this document. As such, the Grantee has reviewed the project scope and budget and can ensure that the grant award will be spent within the contract time period, understanding that any funds which are not spent by the contract end date will return to the state as program slippage. Grantee has communicated this to all subcontractors and included this language in any subcontractor agreements associated with this grant. ___ ***(Initial Here)***
- The Grantee understands that this is reimbursement grant program. The Grantee must first spend the money and then apply for reimbursement. A request for reimbursement must be submitted to the MassTrails Administrator as outlined specifically in this document, including a MassTrails Reimbursement Summary Sheet, Reimbursement Excel Workbook, invoices/receipts for goods or services, and documented proof of payment for those goods/services. ___ ***(Initial Here)***
- The Grantee understands that they are responsible for accruing their proposed match and providing proof of that match, as outlined in this document, on the condition of being reimbursed for grant-funded expenses. ___ ***(Initial Here)***

Photo Release and Authorization

- The Grantee authorizes the MassTrails Administrators to edit, alter, exhibit, publish, or distribute any photos shared with the MassTrails Program related to the grant project. In

addition, the Grantee waives the right to inspect or approve the finished product wherein the photo appears. Photo credit will be shared when possible. MJN ***(Initial Here)***

By signing below, the **City of Gardner** confirms that they have read through and agree to the terms set forth in the agreement above.

Authorized Signature — Date: 10-17-25

Michael J Nicholson
Print Name

City of Gardner
Organization/Agency

Please initial and sign where indicated. Scan the FULL signed document and email a PDF copy to the MassTrails contact listed below. Upon endorsement of the grant contract and issuance of the Notice to Proceed, the MassTrails Administrator will send you a copy of this fully executed grant agreement.

Amanda Lewis
MassTrails Director
(617) 645-8314
amanda.lewis@mass.gov

Guadalupe Garcia
MassTrails Senior Planner
(857) 274-9238
Guadalupe.garcia@mass.gov

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 17, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Order Appropriating $100,000.00 from Water Enterprise Retained Earnings to the Water Enterprise James Street Pump Station Repair Account.

Dear Mr. President and Councilors,

As you are aware, Gardner received a federal earmark in the amount of $922,832.00 in the Federal Budget that was signed into law by President Biden in 2023 to replace the water pump station located at the top of James Street.

Administrative approval from the Environmental Protection Agency (EPA) was given for the project recently, allowing the project to go out to bid. The lowest bid came in at $1,018,200.00. This is in line with expectations for the project, as federal earmarks only cover up to 92% of a project, with an 8% local match.

The attached appropriation request would cover the City's matching portion and the remaining amount that bids came in at.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

Be it Ordered by the City Council

AN ORDER APPROPRIATING FROM WATER RETAINED EARNINGS (SURPLUS) TO JAMES STREET PUMP STATION PROJECT ACCOUNT

ORDERED: That sum of One Hundred Thousand Dollars and No Cents ($100,000.00) from Water Enterprise Retained Earnings (Surplus) to James Street Pump Station Project Account for the sole and exclusive purpose to cover the City's matching portion and the remaining amount to replace the water pump station located at the top of James Street.

FURTHER ORDERED: That said appropriation shall be expended only for the purpose stated herein, and no portion of this appropriation shall be used for any other purpose, whether directly or indirectly;

FURTHER ORDERED: That upon completion of the stated purpose, or upon determination by the Mayor that no further expenditures are required for said purpose, any unexpended or unencumbered balance shall revert to the Water Retained Earnings (Surplus), if not otherwise prescribed by Massachusetts General Laws, and shall not be transferred, repurposed, or re-appropriated except by a separate vote of the City Council.

CITY OF GARDNER
Department of Public Works

Highway
Water
Sewer
Forestry
Parks/Playgrounds
Cemeteries

Dane E. Arnold, Director
50 Manca Drive
Gardner, MA 01440-2687
Telephone (978) 630-8195
darnold@gardner-ma.gov

Mayor Michael J. Nicholson
City Hall
95 Pleasant Street
Gardner, MA 01440

RE: James Street Water Dept Portion and Construction Services

February 10, 2026

Dear Mayor Nicholson:

The **Water Department** is requesting the transfer of **$100,000** from the available **Water Surplus** to the **James Street Pump Station** line item **(62450-XXXXX)** to cover the funding gap between the project bid amount and the federal grant received for rehabilitation work at the James Street Water Pump Station, located at the top of Reservoir Hill.

The pump station, originally constructed in the 1980s, requires significant upgrades, including new pumps, piping, a generator, and related improvements. The Water Department was awarded a federal grant in the amount of $922,832; however, the lowest responsible bid totaled $1,018,200, resulting in a shortfall of just under $100,000.

If you have any questions regarding this request, please do not hesitate to contact us.

Sincerely,

Dane E. Arnold, Director
Department of Public Works

PC: Public Service Committee
City Auditor

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 18, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: A Measure Accepting Donations from the 2025 Flowerpot Sponsorship Program

Dear Mr. President and Councilors,

As you are aware, the General Laws of the Commonwealth require legislative acceptance of all donations received.

Attached, please find the donation listing and acceptance vote for donations received last year for the 2025 Flowerpot Program.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

ACCEPTANCE OF DONATIONS AND GIFTS

FLOWERPOT DONATIONS

VOTED: That the City of Gardner is authorized to accept certain donations for the flowerpot program and gifts for use by the Executive Department, said acceptance in accordance with the provisions of Chapter 44, Section 53A½ of the General Laws.

COMPANY/ORG NAME	AMOUNT
Advanced Cable Ties	$300.00
Alyssa's Place Peer Recovery Center	$150.00
Athol Orange Auto School	$150.00
Athol Savings Bank	$300.00
Atkinson Auto	$150.00
Aubuchon Hardware	$300.00
Babs Auto Body	$150.00
Candor Realty	$150.00
Care Central VNA & Hospice, Inc.	$150.00
Central MA Flag	$150.00
Central Mass Oral Surgery	$300.00
Chair City Oil	$150.00
Concrete Solutions	$150.00
Councillor Calvin Brooks	$150.00
CTE Elizabeth Kazinskas	$150.00
CTE Brad Heglin	$150.00
CTE David Thibault-Muñoz	$150.00
CTE Jon Zlotnik	$150.00
CTE Judy Mack	$150.00
D. Pochini Real Estate	$150.00
Dave Richard Excavating, Inc.	$150.00
Dernalowicz Family	$150.00
Dr. James Faust	$200.00
Edesia Café	$150.00
Fidelity Bank	$150.00
GAAMHA	$150.00
Gardner Auto Mart, Inc.	$150.00
Gardner Chamber of Commerce	$150.00
Gardner Cinemas	$300.00
Gardner Fire Dept Local 2215	$200.00
Gardner Municipal G.C.	$150.00
Gardner Outlet Furniture	$150.00
Gardner Police Relief Association	$300.00
Gardner Spirits	$450.00
Garrick Contract Carriers	$150.00
Golden Age Club	$150.00
Greater Gardner/Chair City AARP	$150.00
Guild of St. Agnes	$150.00
Heywood Wakefield Commons	$300.00
Holy Family Academy	$150.00
HUGH CHAPMAN	$200.00
JDH Landscaping	$0.00
John's Sport Shop	$150.00
Levi Heywood Memorial Library	$150.00

COMPANY/ORG NAME	AMOUNT
Levi Heywood Memorial Library	$150.00
MACK Prototype, INC	$150.00
Maki Building Centers	$150.00
Mayor Mike Nicholson	$150.00
Molina Realty LLC	$300.00
Moon Hill Brewing & Gardner Ale House	$150.00
Mt. Wachusett Community College Foundation	$150.00
Parker House of Pizza	$150.00
Party Tents & Events	$200.00
Pete's Tire Barn, Inc.	$150.00
Philip P Mailloux, LPSC Financial	$150.00
Pusateri and Pusateri	$150.00
Sanctuary Medicinals	$200.00
Sorrento's Pizzeria	$150.00
Standard Chair of Gardner	$150.00
Studio 4 Potters & Gallery	$150.00
The Elwell Family	$150.00
The Hen House	$150.00
The Zlotnik Family	$200.00
Vibe Studio	$150.00
William's Restaurant	$300.00

Outlook

Re: 11795 - Missing Flowerpot Donations

From Judy Mack <jmack@gardner-ma.gov>
Date Tue 3/3/2026 2:07 PM
To Jayen Kumar <jkumar@gardner-ma.gov>

Here's the list.

All of the large planters are missing:
ORPHEUM PARK FOUNTAIN $400.00 EMPIRE
MONUMENT PARK
$400.00 MACK FUNERAL HOME
CENTRAL STREET BOX/ANN'S $300.00 FOUR SEASON/LONG LONG NOODLE
NEW ROTARY #1
$400.00 MOLINA REALTY LLC
NEW ROTARY #2
$400.00 Gardner Lions Club
WEST LYNDE CORNER
$300.00 GFA
LAKE ST PLANTER
$200.00 CHAIR CITY CHURCH

Get Outlook for iOS

From: Jayen Kumar <jkumar@gardner-ma.gov>
Sent: Tuesday, March 3, 2026 1:33:24 PM
To: Judy Mack <jmack@gardner-ma.gov>
Subject: 11795 - Missing Flowerpot Donations

Good afternoon Councillor Mack,

I am currently working on the Finance Committee Meeting minutes from 2/24, and just noticed that the document you had provided for the missing flowerpot donations was accidentally a document from item 11791. I have attached this document for your viewing.

If you have a document referencing the missing flowerpot donations, would you be able to share that with me so that I can add it to item 11795 for the next meeting? If not, I can use your initial email that referenced what was missing.

Regards,
Jay

Jayen Kumar
Assistant City Clerk
City of Gardner
95 Pleasant Street, Room 121
Gardner, MA 01440
Phone: 978-630-4058
Fax: 978-630-2589

City of Gardner - *Executive Department*
Mayor Michael J. Nicholson

February 19, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Order Appropriating $105,000.00 from Water Enterprise Retained Earnings (Surplus) to Water Enterprise Professional Services Account

Dear Mr. President and Councilors,

As part of the project to replace the James Street Pump Station that the City received a federal earmark grant to cover the cost of, the Administration is looking to contract with Tata and Howard Engineering to provide construction services for this project.

With a project this large, it is usual for municipalities to contract with a firm like Tata and Howard to make sure the project is on task, meeting all required regulations and standards, and reviewing benchmarks with the contractor.

This is a service that was ineligible to be covered by the grant itself, but is important in making sure the project stays in scope, on task, timely, and in budget.

Respectfully Submitted,

Michael J. Nicholson
Mayor, City of Gardner

Be it Ordered by the City Council

AN ORDER APPROPRIATING FROM WATER RETAINED EARNINGS (SURPLUS) TO WATER ENTERPRISE PROFESSIONAL SERVICES ACCOUNT

ORDERED: That sum of One Hundred Thousand Five Dollars and No Cents ($105,000.00) from Water Enterprise Retained Earnings (Surplus) to Water Enterprise Professional Services Account for the sole and exclusive purpose to cover the cost of providing construction services for James Street Pump Station Project.

FURTHER ORDERED: That said appropriation shall be expended only for the purpose stated herein, and no portion of this appropriation shall be used for any other purpose, whether directly or indirectly;

FURTHER ORDERED: That upon completion of the stated purpose, or upon determination by the Mayor that no further expenditures are required for said purpose, any unexpended or unencumbered balance shall revert to the Water Retained Earnings (Surplus), if not otherwise prescribed by Massachusetts General Laws, and shall not be transferred, repurposed, or re-appropriated except by a separate vote of the City Council.

CITY OF GARDNER
Department of Public Works

Highway
Water
Sewer
Forestry
Parks/Playgrounds
Cemeteries

Dane E. Arnold, Director
50 Manca Drive
Gardner, MA 01440-2687
Telephone (978) 630-8195
darnold@gardner-ma.gov

Mayor Michael J. Nicholson
City Hall
95 Pleasant Street
Gardner, MA 01440

RE: James Street Water Dept Portion and Construction Services

February 10, 2026

Dear Mayor Nicholson:

The **Water Department** is requesting the transfer of **$105,000** from the available **Water Surplus** to the **Professional Services** line item **(62450-52190)** to engage Tata & Howard for construction services related to the rehabilitation of the James Street Water Pump Station, located at the top of Reservoir Hill.

Tata & Howard has been a long-standing consultant to the Water and Sewer Department and was responsible for designing the proposed improvements to the James Street Water Pump Station. Their scope of services will include conducting pre-construction meetings, attending progress meetings, reviewing shop drawings, submittals, and other materials, assisting the Water Department with project-related decisions and change orders, performing on-site inspections, and providing other construction administration services as required.

If you have any questions regarding this request, please do not hesitate to contact us.

Sincerely,

Dane E. Arnold, Director
Department of Public Works

PC: Public Service Committee
City Auditor

City of Gardner

RECEIVED
2026 JAN 29 A 11:16
CITY CLERK'S OFFICE
GARDNER, MA

January 13, 2026

Hon. George C. Tyros, Council President
And City Councilors
Gardner City Hall, Rm 121
95 Pleasant Street
Gardner, MA 01440

RE: An Ordinance To Amend The Code Of The City Of Gardner, Chapter 675, Thereof Entitled Zoning, To Remove Article Ix, Thereof Entitled "Signs And Advertising Devices," And Move It To A New Non-Zoning Chapter To Be Numbered Chapter 665

Dear Mr. President and Councilors,

We hereby submit the attached zoning ordinance amendment proposal.

Respectfully Submitted,

Judy A. Mack
Councillor At-Large
Gardner City Council

Michael J. Nicholson
Mayor, City of Gardner

AN ORDINANCE TO AMEND THE CODE OF THE CITY OF GARDNER, CHAPTER 675, THEREOF ENTITLED ZONING, TO REMOVE ARTICLE IX, THEREOF ENTITLED "SIGNS AND ADVERTISING DEVICES," AND MOVE IT TO A NEW NON-ZONING CHAPTER TO BE NUMBERED CHAPTER 665

PREAMBLE:

WHEREAS, the City of Gardner is looking to promote business growth and make things easier for individuals to open and expand business opportunities in the City; and

WHEREAS, the City of Gardner and its officials have received feedback from residents and prospective business owners of the restrictive natures of the City's current ordinance regarding signs and advertising devices; and

WHEREAS, the City of Gardner is looking for greater flexibility in evaluating, adapting, and evolving its ordinances regarding the placement, regulation, and requirements for signs and advertising devices;

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF GARDNER AS FOLLOWS:

SECTION 1: Article IX of Chapter 675 of the Zoning Code of the City of Gardner, thereof entitled "Signs and Advertising Devices," be removed from the City's Zoning Code and created as a new non-zoning chapter to be numbered and entitled "Chapter 665: Signs and Advertising Devices."

SECTION 2: That the Articles and Sections of Chapter 675 be renumbered accordingly to account for this removal.

SECTION 3: That the Sections of the new Chapter 665 be renumbered accordingly as Sections 1 through 9

SECTION 4: Severability

If any provision of this section is held to be invalid by a court of competent jurisdiction, then such provision shall be considered separately and apart from the remaining provisions, which shall remain in full force and effect.

SECTION 5: That this ordinance take effect upon passage and publication as required by the General Laws of the Commonwealth and the Charter of the City of Gardner for all Zoning Ordinance procedures and timelines.

CITY OF GARDNER
DEPARTMENT OF COMMUNITY DEVELOPMENT AND PLANNING
Manca Annex, 115 Pleasant Street, Room 201, Gardner, MA 01440
Telephone: (978) 630-4014 ◊ Fax: (978) 632-1905

PLANNING BOARD – PUBLIC HEARING RECOMMENDATION

Dear Mrs. Siriphan,

On Tuesday, March 10, with a vote of 4-0, the Planning Board motioned to recommend that a joint public hearing of the City Council and the Planning Board be scheduled for Monday, April 6, 2025, at 6:30 PM in the City Council Chambers, 95 Pleasant Street, Gardner, MA 01440 to consider the following proposed zoning ordinances:

11772 - An Ordinance to Amend the Code of the City of Gardner, Chapter 675, Thereof Entitled Zoning, to Remove Article IX, Thereof Entitled "Signs and Advertising Devices," and Move it to a New Non-Zoning Chapter to be Numbered Chapter 665.

Please initiate the necessary legal notice and publication procedures required under M.G.L. Chapter 40A, Section 5, to ensure proper public notification and advertisement of the hearing.

Thank you for your attention and coordination in scheduling this joint hearing. Please let me know if any further materials are needed for inclusion with the public notice.

Sincerely,

Jason Stevens
Director of Community Development & Planning
City of Gardner