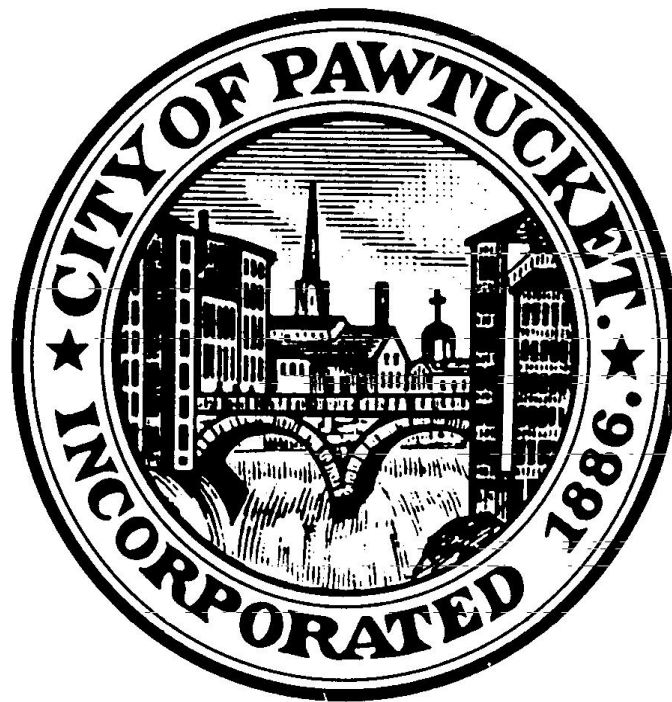


CITY OF PAWTUCKET

REQUEST FOR QUALIFICATIONS



**RFQ #26-001 Design Services for the
Replacement of Grotto Ave Bridge #59401**

August 5, 2025

Contents:

- 1.0 Proposal/Solicitation Information
- 2.0 Instructions and Notifications to Respondents
- 3.0 Overview
- 4.0 Scope of Work
- 5.0 Insurance
- 6.0 Acknowledgement of Risk and Hold Harmless Agreement
- 7.0 Additional Insurance Requirements
- 8.0 Proposal Content and Organization
- 9.0 Evaluation Criteria
- 10.0 Miscellaneous
- 11.0 Proposal Form

- Appendix A Anti-Kickback Acknowledgement
- Appendix B City of Pawtucket General Terms and Conditions of Purchase
- Appendix C City of Pawtucket Standard Form of Agreement (SAMPLE)
- Appendix D Grotto Ave Bridge #59401 Inspection Report dated 4/10/25
- Appendix E Grotto Ave Bridge #59401 Location Plan

1.0 - Bid/Solicitation Information

Schedule

Pre- Proposal Conference: ☒ No ☐ Yes

Requests for Further Information:

August 19, 2025 @ 4:00 PM

Requests for information or clarification must be made electronically to the attention of:

Eric Hammerschlag, City Engineer

E-mail: ehammerschlag@pawtucketri.gov

AND

Mike Wilcox, Project Engineer

E-mail: mwilcox@pawtucketri.gov

Please reference the RFQ / LOI number on all correspondence. Answers to questions received, if any, will be posted on the internet as an addendum to this bid solicitation.

RFQ Submission Deadline:

August 28, 2025 at 12:00 PM

Late submittals will not be considered.

Proposals must be mailed or hand-delivered in a sealed envelope **marked with the RFQ/Proposal # and Project Name** to:

Pawtucket City Hall - Purchasing Office

137 Roosevelt Avenue

Pawtucket, RI 02860

Sealed proposals will be opened on August 28, 2025 at 4:00 PM at a scheduled Purchasing Board Meeting at 100 Freight Street, Pawtucket, RI

Bonds/Surety Required

Bid Bond: ☒ No ☐ Yes

Fidelity Bond: ☒ No ☐ Yes

Performance and Payment Bond: ☒ No ☐ Yes

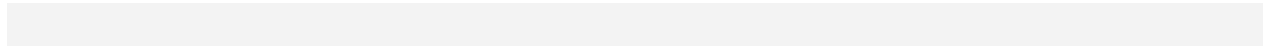
The successful respondent will be required to furnish all insurance documentation as outlined in the attached General Terms & Conditions of Purchase.

Miscellaneous

The proposal process and resulting contract are subject to the General Terms and Conditions of Purchase. Submission of a proposal in response to this solicitation is acknowledgement and acceptance of these General Terms and Conditions of Purchase.

The City of Pawtucket reserves the right to award on the basis of cost alone, accept or reject any or all bids, and to act in its best interest including, but not limited to, directly negotiating with any vendor who submits a proposal in response to this RFP and to award a contract based upon the results of those negotiations alone. Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be

rejected and not considered further. The City of Pawtucket may, at its sole option, elect to require presentations(s) by bidders clearly in consideration for award.



2.0 - Instructions and Notifications to Respondents

- It is the respondent's responsibility to examine all specifications and site conditions thoroughly, and comply fully with specifications and all attached terms and conditions. Respondents must comply with all Federal, State, and City laws, ordinances and regulations, and meet any and all registration requirements where required for contractors as set forth by the State of Rhode Island. Failure to make a complete submission as described herein may result in a rejection of the proposal.
- This project is receiving funding from multiple sources including a Federal Congressional Directed Spending Grant, the Community Development Block Grant Program, and the City Recreation Bond.
- All costs associated with developing or submitting a proposal in response to this Request, or to provide oral or written clarification of its content shall be borne by the respondent. The City of Pawtucket assumes no responsibility for these costs.
- A submittal may be withdrawn by written request to the Purchasing Agent by the proposer prior to the stated RFP deadline.
- Prior to the proposal deadline established for this RFP, changes may be made to a proposal already received by the City if that respondent makes a request to the Purchasing Agent, in writing, to do so. No changes to a proposal shall be made after the RFP deadline.
- Proposals are considered to be irrevocable for a period of not less than ninety (90) days following the opening date, and may not be withdrawn, except with the express written permission of the Purchasing Agent. Should any vendor object to this condition, the respondent must provide objection through a question and/or complaint to the Purchasing Agent prior to the proposal deadline.
- All pricing submitted, if required, will be considered to be firm and fixed unless otherwise indicated herein.
- The respondent has full responsibility to ensure that the proposal arrives at the Purchasing Division Office prior to the deadline set out herein. The City assumes no responsibility for delays caused by the U.S. Postal Service or any other delivery service. Postmarking by the due date will not substitute for actual receipt of response by the due date. Proposals arriving after the deadline may be returned, unopened, to the respondent, or may simply be declared non-responsive and not subject to evaluation, at the sole discretion of the Purchasing Agent. **For the purposes of this requirement, the official time and date shall be that of the time clock in the City of Pawtucket's Purchasing Office.**
- At the time and place fixed for the opening of Proposals, the Owner will cause to be opened and publicly read aloud every Proposal received within the time set for receiving Proposals, irrespective of any irregularities therein. Respondents and other persons properly interested may be present, in person or by representative.
- It is intended that an award pursuant to this Request will be made to a prime Consultant, who will assume responsibility for all aspects of the work. Joint venture and cooperative proposals will not be considered, but subcontracts are permitted, provided that their use is clearly indicated in the respondent's proposal, and the subcontractor(s) proposed to be used are identified in the proposal.

- Respondents are advised that all materials submitted to the City of Pawtucket for consideration in response to this Request for Proposals shall be considered to be public records as defined in Title 38 Chapter 2 of the Rhode Island General Laws, without exception, and may be released for inspection immediately upon request once an award has been made.
- Respondents are responsible for errors and omissions in their proposals. No such error or omission shall diminish the vendor's obligations to the City.
- The City reserves the right to reject any or all proposals, or portions thereof, at any time, with no penalty. The City also has the right to waive immaterial defects and minor irregularities in any submitted proposal at its sole discretion. All material submitted in response to this RFP shall become the property of the City of Pawtucket upon delivery to the Purchasing Agent.
- Interpretations or Addenda: No oral interpretation will be made to any Respondent as to the meaning of the Contract Documents or any part thereof. Every request for such an interpretation shall be made in writing to the City of Pawtucket (hereinafter called the "Owner"). Any inquiry received seven or more days prior to the date fixed for opening of Proposals will be given consideration. Every interpretation made to a Respondent will be in the form of an Addendum to the Contract Documents, and when issued, will be on file in the office of the Owner at least five days before Proposals are opened. In addition, all Addenda will be e-mailed to each person holding Contract Documents, but it shall be the Respondent's responsibility to make inquiry as to the Addenda issued. All such Addenda shall become part of the Contract and all Respondents shall be bound by such Addenda, whether or not received by the Respondents.
- Each Respondent shall, upon request of the Owner, submit a detailed financial statement on a form furnish by the Owner for that purpose. The Owner shall have the right to take such steps as it deems necessary to determine the ability of the Respondent to perform his obligations under the Contract and the Respondent shall furnish the Owner all such information and data for this purpose as it may request. The right is reserved to reject any Proposal where an investigation of the available evidence or information does not satisfy the Owner that the Respondent is qualified to carry out properly the terms of the Contract.

3.0 - Overview

The City of Pawtucket (City) is interested in selecting a Consultant (or consultant team) to evaluate the existing conditions of, and provide recommendations for the design of the Grotto Ave Bridge replacement in Pawtucket, RI.

The Grotto Ave Bridge is a one-lane bridge which carries traffic over the Moshassuck River, on Grotto Ave in Pawtucket, RI. The bridge currently has a 12TN/15TN load restriction.

The City intends to select a Consultant firm/team that the City believes will provide the best qualifications in assisting the City with improvements that meet the City's needs.

This project is funded through the City's 2016 Bond.

4.0 - Scope of Work

The proposed scope of work below is provided for a general outline of anticipated services – a specific scope of work and defined fee will be executed with a Consultant selected to perform these services. It is expected that the scope of work will include all work needed to fully address the needs outlined in this RFQ.

The City envisions that the scope of services may include but may not be limited to:

- Inspections of the existing bridge structure;
- Surveying services;
- Structural Engineering services;
- Traffic Engineering services;
- Environmental analysis/permits
- Preliminary/Schematic Design
- Alternate design options
- Construction estimating
- Construction scheduling
- Development of Contract Documents/Plans/Specifications to advertise for competitive bidding
- Shop Drawing review
- Construction management services
- RIDEM permitting – wetland & flood zone impacts

Proposal Requirements

Proposals should clearly state how your firm's expertise is demonstrated by previous experience. The following shall be addressed as a minimum, with sections tabbed with numbers as follows:

1. A brief letter of introduction stating your interest in this project
 - Firm name
 - Contact Information: Address, Phone number, Fax Number, Web Site (if applicable), and Contact Person(s) with email noted
2. In addition to a brief letter of introduction stating your interest in the project, explain how your expertise is demonstrated by previous experience, the value your team brings to this project, and what makes your firm uniquely qualified for this project.
 - Please also provide a statement as to the capacity of the team to meet the time commitments required by the project, current and project workload of the team, and capacity of support services from your team.
3. Project Approach - A detailed description of how your firm proposes to approach this project. Include sufficient discussion of proposed methodologies, techniques, and procedures for each work item.
 - Outline your team's approach to performing typical construction administration procedures and processes.
4. Describe the process you would recommend to create a team relationship amongst those involved with the project including, but not limited to: The City and the public. Describe how your team envisions a public outreach process.
5. Examples of recent professional experience, including work with public sector clients
6. Provide a description of your team's experience and knowledge of the State Building Code and RIDOT Specifications for Road & Bridge Construction
7. A minimum of four (4) references with company/client name, contact's full name, title, address, email, phone, and fax numbers.
8. Firm personnel experience
 - List lead or project manager for the team
 - A listing of team personnel who will be assigned to perform the work on this project, and a breakdown and description of tasks assigned per project team member. Describe the hierarchy of project management.

5.0 - Insurance

The vendor shall maintain and keep in force such comprehensive general liability insurance as shall protect them from claims which may arise from operations under any contract entered into with the City of Pawtucket, whether such operations be by themselves or by anyone directly or indirectly employed by them.

The amounts of insurance shall be not less than \$1,000,000.00 combined single limit for any one occurrence covering both bodily injury and property damage, including accidental death.

The City of Pawtucket shall be named as additional insured on the vendor's General Liability Policy.

The vendor shall maintain and keep in force such Workers' compensation insurance limits as required by the statutes of the State of Rhode Island, and Employer's Liability with limits no less than \$500,000.

6.0 - Acknowledgement of Risk & Hold Harmless Agreement

In addition to the indemnity provisions in the City of Pawtucket's General Terms and Conditions of Purchase and to the fullest extent permitted by law, the selected vendor, its officers, agents, servants, employees, parents, subsidiaries, partners, officers, directors, attorneys, insurers, and/or affiliates (Releasors) agree to release, waive, discharge and covenant not to sue the City of Pawtucket, its officers, agents, servants or employees (Releasees) from any and all liability, claims, cross-claims, rights in law or in equity, agreements, promises demands, actions and causes of action whatsoever arising out of or related to any loss, damage, expenses (including without limitation, all legal fees, expenses, interest and penalties) or injury (including death), of any type, kind or nature whatsoever, whether based in contract, tort, warranty, or other legal, statutory, or equitable theory of recovery, which relate to or arise out of the Releasors use of or presence in and/or on City of Pawtucket property. The Releasors agree to defend, indemnify and hold harmless the Releasees from (a) any and all claims, loss, liability, damages or costs by any person, firm, corporation or other entity claiming by, through or under Releasors in any capacity whatsoever, including all subrogation claims and/or claims for reimbursement, including any court costs and attorney's fees, that may incur due to Releasors use of or presence in and on City of Pawtucket property; and (b) any and all legal actions, including third-party actions, cross-actions, and/or claims for contribution and/or indemnity with respect to any claims by any other persons, entities, parties, which relate to or arise out of Releasors use of or presence in and on City of Pawtucket property.

The Releasors acknowledge the risks that may be involved and hazards connected with use of or presence in and on City of Pawtucket property but elect to provide services under any contract with the City of Pawtucket with full knowledge of such risks. Releasors also acknowledge that any loss, damage, and/or injury sustained by Releasors is not covered by Releasees insurance. Releasors agree to become fully aware of any safety risks involved with the performance of services under any contract with the City of Pawtucket and any safety precautions that need to be followed and agree to take all such precautions.

The duty to indemnify and/or hold harmless the City of Pawtucket shall not be limited by the insurance required under the City of Pawtucket Terms and Conditions of Purchase.

7.0 - Additional Insurance Requirements

In addition to the insurance provisions in the City of Pawtucket Terms and Conditions of Purchase, the liability insurance coverage, except Professional Liability, Errors and Omissions or Workers' Compensation insurance required for performance of a contract with the City of Pawtucket shall include the City of Pawtucket, its divisions, officers and employees as Additional Insureds but only with respect to the selected vendor's activities under the contract. The insurance required through a policy or endorsement shall include:

- A. a Waiver of Subrogation waiving any right to recovery the insurance company may have against the City of Pawtucket; and
- B. a provision that the selected vendor's insurance coverage shall be primary with respect to any insurance, self-insurance or self-retention maintained by the City of Pawtucket and that any insurance, self-insurance or self-retention maintained by the City of Pawtucket shall be in excess of the selected vendor's insurance and shall not contribute.

There shall be no cancellation, material change, potential exhaustion of aggregate limits or non-renewal without thirty (30) days written notice from the selected vendor or its insurer(s) to the City of Pawtucket's Purchasing Agent. Any failure to comply with the reporting provision of this clause shall be grounds for immediate termination of the contract with the City of Pawtucket.

Insurance coverage required under the contract shall be obtained from insurance companies acceptable to the City of Pawtucket. The selected vendor shall pay for all deductibles, self-insured retentions and/or self-insurance included hereunder.

The City of Pawtucket's Purchasing Agent reserves the right to consider and accept alternative forms and plans of insurance or to require additional or more extensive coverage for any individual requirement.

8.0 - Proposal Content and Organization

All proposals must include the forms supplied in Section 11.0 and shall be subject to all requirements of the Contract Documents, including these instructions to Respondents and additional requirements detailed in Section 4.0. All proposals must be regular in every respect and no interlineations, excisions or special conditions shall be made or included in the Proposal Form by the Respondent. The Owner may consider as irregular any Proposal on which there is an alteration of or departure from the Proposal Form hereto attached and at its option may reject the same.

Respondents must also include an overview of their company's experience including, but not limited to, the number of years the company has been providing these services, the length of time the company has occupied its present address, the size of the company (including the number of employees and locations), and, if applicable, certifications or licenses that demonstrate the Respondent's legal authority and/or competency to render the service(s) requested per this RFQ.

Respondents must identify any subcontractors to be used in the performance of any work contracted under this RFQ, including their name(s), contractor license #, address and phone number, and specific description of the subcontracted work to be performed.

All documents comprising the proposal shall be enclosed in a sealed envelope which shall be clearly labeled with the words, "**RFQ #26-001– Design Services for the Replacement of Grotto Ave Bridge #59401**" as well as name of Respondent, and date of proposal opening. All Proposal Forms must be signed.

Two (2) copies of your proposal, one (1) original and one (1) digital copy (flash drive) must be submitted at the time of submission. Proposals must be organized as follows:

- **Proposal Form**
- **Company Overview**
- **All licenses and/or certifications**
- **Anti-Kickback Acknowledgement**
- **Proposal Requirements in Section 4.0**

Please state any and all additions, deletions, and exceptions, if any, that you are taking to any portion of this proposal. If not addressed specifically, the City of Pawtucket assumes that the vendor will adhere to all terms and conditions listed in this RFQ.

Submission of a proposal is acknowledgement and acceptance of the City of Pawtucket's Purchasing Rules and Regulations and General Terms and Conditions of Purchase.

9.0 - Evaluation Criteria

The evaluation of proposals will be conducted in a time frame convenient to the City. If the Contract is awarded, it will be awarded by the Owner to a responsible Respondent on the basis of the criteria outlined in this section.

The City of Pawtucket reserves the right to accept or reject any or all proposals, and to otherwise act in its best interest including, but not limited to, directly negotiating with any Vendor who submits a proposal in response to this RFQ and to award a contract based upon the results of those negotiations alone. The City reserves the right to consider as unqualified to do the work outlined herein any Respondent who does not habitually perform with his or her own forces the major portions of the work involved in this Contract.

Further, the City reserves the right to waive irregularities it may deem minor in its evaluation of proposals.

Proposals found to be technically or substantially non-responsive at any point in the evaluation process will be rejected and not considered further. The City of Pawtucket may elect to require presentations(s) by vendors in consideration for award.

Proposals will be evaluated in three (3) phases:

1. The first phase is an initial review to determine if the proposal, as submitted, is complete. To be complete, a proposal must meet all the requirements of this RFQ.
2. The second phase is an in-depth analysis and review based on criteria below, and found in Appendix E, and their associated weights.

<u>Evaluation Criteria</u>	<u>Importance</u>
Experience	20%
References	20%
Project Approach	30%
Qualifications	30%

3. The third is a comparison of each proposal's weighted evaluation relative to the costs proposed during negotiations that may be undertaken following the Owner's evaluation of proposals.

In the event that the City requires further information and/or a demonstration of any equipment or process offered in any proposal, all vendors asked for same will do so at no cost to the City.

Proposals will be evaluated in three (3) phases:

1. The first phase is an initial review to determine if the proposal, as submitted, is complete. To be complete, a proposal must meet all the requirements of this RFQ.
2. The second phase is an in-depth analysis and review based on criteria below, and found in Appendix E, and their associated weights.

<u>Evaluation Criteria</u>	<u>Importance</u>
Experience	20%
References	20%
Project Approach	30%
Qualifications	30%

3. The third is a comparison of each proposal's weighted evaluation relative to the costs proposed during negotiations that may be undertaken following the Owner's evaluation of proposals.

10.0 - Miscellaneous

- Vendors shall at all times comply with all federal, state, and local laws, ordinances and regulations and shall defend, indemnify and save harmless the City of Pawtucket against any claims arising from the violation of any such laws, ordinances and regulations, including but not limited to challenges as to the legality of any and all vendor installations.
- The City is exempt from the payment of the Rhode Island State Sales Tax under the 1956 General Laws of the State of Rhode Island, 44-18-30, Paragraph 1, as amended. Further, the City is also exempt from the payment of any excise or federal transportation taxes. The proposal prices submitted must be exclusive of same, and will be so construed.
- The City of Pawtucket reserves the right to cancel an agreement with the Vendor with thirty (30) days written notice and to award the contract to the next highest evaluated respondent.
- The City of Pawtucket reserves the right to renegotiate the terms of this contract with the Vendor for subsequent years provided the Vendor agrees to the contract terms for the renewal period.
- The payment and performance of any obligations under this contract for years beyond the first fiscal year are subject to the availability of funds.
- The City reserves the right to pay the selected Vendor via credit card at its sole discretion.

11.0 – Proposal Form

RFQ #26-001 – Design Services for the Replacement of Grotto Ave Bridge #59401

Date: _____

Submitted By: _____

(Include Name, Address and Telephone No.) _____

Name and remittance address that will appear on invoices:

Physical address of business:

General Information

Is your firm a sole proprietorship doing business under a different name? ____Yes ____ No

If yes, please indicate sole proprietorship, a name, and the name you are doing business under.

Is your firm incorporated? ____Yes ____ No

Will any of the work spelled out in this proposal be outsourced? ____Yes ____ No

If so, please explain below:

Have you or your firm been subject to suspension, debarment or criminal conviction by the City of Pawtucket, the State of Rhode Island, or any other jurisdiction?

Yes: _____ No: _____

Have the City of Pawtucket and/or the State of Rhode Island ever terminated contracts with your firm for cause?

Yes: _____ No: _____

Has your firm ever withdrawn from a contract with the City of Pawtucket and/or the State of Rhode Island during its performance?

Yes: _____ No: _____

Have you or your firm been involved in litigation against the City of Pawtucket and/or the State of Rhode Island.

Yes: _____ No: _____

If you answered yes to any of the foregoing, please explain the circumstances below. If you or your firm has been involved in litigation against the City of Pawtucket and/or the State of Rhode Island, please include the case caption, case number and status. (If more space is needed, please attach separate sheet and submit with the proposal.)

Is your company bonded? Yes ____ No ____

Please describe the nature and extent of all insurance coverage:

Addenda

The following Addenda have been received. The modifications to this RFQ noted therein have been considered.

Addendum #1, Dated: _____

Addendum #2, Dated: _____

Addendum #3, Dated: _____

References

Please list at least four (4) companies' with whom you have contracted to provide similar services. Preferably, references should be municipalities which are of approximate size as the City of Pawtucket, and a website address should be included if available.

Reference #1

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 2

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 3

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Reference # 4

Company Name: _____

Contact Person: _____ Telephone #: _____

Contract Dates: _____ To _____

Website Address: _____

Proposal Form Signatures

The Corporate Seal of

(Respondent - please print the full name of your Proprietorship, Partnership, or Corporation)

was hereunto affixed in the presence of:

(Authorized signing officer) (Title) (Seal)

(Authorized signing officer) (Title) (Seal)

If the Proposal is a joint venture or partnership, add additional forms of execution for each member of the joint venture in the appropriate form or forms as above.

NON-COLLUSION AFFIDAVIT OF PRIME CONSULTANT

State of _____)

County of _____)

_____,
being first duly sworn, deposes and says that;

(1) S/He is _____ (owner, partner, officer, representative or agent)

of

_____,
the RESPONDENT that has submitted the attached proposal;

(2) S/He is fully informed respecting the preparation and contents of the attached Proposal and all pertinent circumstances respecting such Proposal;

(3) Such Proposal is genuine and is not a collusive or sham Proposal;

(4) Neither the said RESPONDENT nor any of its officers, partners, owners, agents, representatives, employees, or parties in interest, including the affiant, has in any way colluded, conspired or agreed, directly or indirectly, with any other RESPONDENT, firm or person to submit a collusive or sham proposal in connection with the Contract for which the attached Proposal has been submitted or to refrain from submitting a proposal in connection with such a contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other RESPONDENT, firm or person to fix any element of the attached Proposal or of any other Respondent, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Local Government or any person interested in the proposed Contract; and

(Signed)

(Title)

Subscribed and sworn to before me

This _____ Day of _____, 20____

My Commission Expires _____

CERTIFICATE OF COMPLIANCE WITH TAX LAWS

I, _____ of _____,
(principal) (corporation)

certify under pains and penalties of perjury that said corporation has complied with all the laws of the State of Rhode Island and Providence Plantations relating to taxes.

Date

Signature

Title

Federal Tax Identification Number

END OF SECTION

ANTI-KICKBACK ACKNOWLEDGMENT

ALL BIDDERS/OFFERORS MUST ATTEST TO THE FOLLOWING:

The vendor acknowledges, under the pains and penalties of perjury, that he/she has not been offered, paid, or solicited for any contribution or compensation, nor has he/she been granted a gift, gratuity, or other consideration, either directly or indirectly by any officer, employee or member of the governing body of the City of Pawtucket who exercises any functions or responsibilities in connection with either the award or execution of the project to which this contract pertains.

Further, the vendor acknowledges, under the pains and penalties of perjury, that he/she has not offered, paid, or solicited by way of any contribution or compensation, nor has he/she granted a gift, gratuity or other consideration either directly or indirectly to any officer, employee, or member of the governing body of the City of Pawtucket who exercises any functions or responsibilities in connection with either the award or execution of the project to which this project or contract pertains.

SIGNATURE OF OFFEROR

DATE

TITLE

COMPANY

Title of RFQ:

Appendix B

CITY OF PAWTUCKET GENERAL TERMS AND CONDITIONS OF PURCHASE

Preamble

The City of Pawtucket's Purchasing Office may, from time to time, make amendments to the General Terms and Conditions when the City of Pawtucket's Purchasing Agent determines that such amendments are in the best interest of the City of Pawtucket. Amendments shall be made available for public inspection at the Purchasing Office located in Pawtucket City Hall but shall not require formal public notice and hearing. Copies of the Terms and Conditions shall be provided to any individual or firm requesting them.

CITY OF PAWTUCKET'S PURCHASING OFFICE GENERAL CONDITIONS OF PURCHASE

All City of Pawtucket purchase orders, contracts, solicitations, delivery orders and service requests shall incorporate and be subject to the provisions of Rhode Island General Laws 8-15-4 and the City of Pawtucket purchasing rules and regulations adopted pursuant thereto, all other applicable provisions of the Rhode Island General Laws, the Pawtucket City Charter, specific requirements described in the Request or Contract, and the following General Conditions of Purchase:

1. GENERAL

All purchase orders, contracts, solicitations, delivery orders, and service requests are for specified goods and services, in accordance with express terms and conditions of purchase, as defined herein. For the purposes of this document, the following terms are used interchangeably:

- a. "bid" and "proposal," both of which refer to an offer to provide specified goods and services, as defined herein.
- b. "bidder" and "respondent" and "offeror," all of which refer to any individual, firm, corporation, or other entity presenting a proposal or bid indicating a desire to enter into contracts with the City of Pawtucket.
- c. "contractor" and "consultant" and "vendor," all of which refer to any individual, firm, corporation, or other entity with whom a contract is executed by the City of Pawtucket's Purchasing Agent.

2. ENTIRE AGREEMENT

The City of Pawtucket's Purchase Order, or other City of Pawtucket contract endorsed by the City of Pawtucket Purchasing Office, shall constitute the entire and exclusive agreement between the City of Pawtucket and any contractor receiving an award. In the event any conflict between the bidder's standard terms of sale, these conditions or more specific provisions contained in the solicitation shall govern.

All communication between the City of Pawtucket and any contractor pertaining to any award or contract shall be accomplished in writing.

- a. Each proposal will be received with the understanding that the acceptance, in writing, by contract or Purchase Order by the City of Pawtucket Purchasing Agent of the offer to do work or to furnish any or all the materials, equipment, supplies or services described therein shall constitute a contract between the bidder and the City of Pawtucket. This shall bind the bidder on his part to furnish and deliver at the prices and in accordance with the conditions of said accepted proposal and detailed specifications and the City of Pawtucket on its part to order from such contractor (except in case of emergency) and to pay for at the agreed prices, all materials, equipment, supplies or services specified and delivered. A contract shall be deemed executory only to the extent of funds available for payment of the amounts shown on Purchase Orders issued by the City of Pawtucket to the contractors.
- b. No alterations or variations of the terms of the contract shall be valid or binding upon the City of Pawtucket unless submitted in writing and accepted by the City of Pawtucket Purchasing Agent. All orders and changes thereof must emanate from the City of Pawtucket Purchasing Office: no oral agreement or arrangement made by a contractor with a department or employee will be considered to be binding on the City of Pawtucket Purchasing Agent, and may be disregarded.

- c. Contracts will remain in force for the contract period specified or until all articles or services ordered before date of termination shall have been satisfactorily delivered or rendered and accepted and thereafter until all terms and conditions have been met, unless:
 - 1. terminated prior to expiration date by satisfactory delivery against orders of entire quantities, or
 - 2. extended upon written authorization of the City of Pawtucket Purchasing Agent and accepted by the contractor, to permit ordering of the unordered balances or additional quantities at the contract price and in accordance with the contract terms, or
 - 3. canceled by the City of Pawtucket in accordance with other provisions stated herein.
 - d. It is mutually understood and agreed that the contractor shall not assign, transfer, convey, sublet or otherwise dispose of this contract or his right, title or interest therein, or his power to execute such contract, to any other person, company or corporation, without the previous consent, in writing, of the City of Pawtucket Purchasing Agent.
 - e. If, subsequent to the submission of an offer or issuance of a purchase order or execution of a contract, the bidder or contractor shall merge with or be acquired by another entity, the contract may be terminated, except as a corporate resolution prepared by the contractor and the new entity ratifying acceptance of the original bid or contract terms, condition, and pricing is submitted to the City of Pawtucket Purchasing Office, and expressly accepted.
 - f. The contractor or bidder further warrants by submission of an offer or acceptance of a purchase order or other contract that he has no knowledge at the time of such action of any outstanding and delinquent or otherwise unsettled debt owed by him to the City of Pawtucket, and agrees that later discovery by the City of Pawtucket Purchasing Agent that this warranty was given in spite of such knowledge, except where the matter is pending in hearing or from any appeal therefrom, shall form reasonable grounds for termination of the contract.

3. SUBCONTRACTS

No subcontracts or collateral agreements shall be permitted, except with the City of Pawtucket's express written consent. Upon request, contractors must submit to the City of Pawtucket Purchasing Office a list of all subcontractors to be employed in the performance of any Purchase Order or other contract arising from this Request.

4. RELATIONSHIP OF PARTIES

The contractor or bidder warrants, by submission of an offer or acceptance of a purchase order or other contract, that he is not an employee, agent, or servant of the City of Pawtucket, and that he is fully qualified and capable in all material regards to provide the specified goods and services. Nothing herein shall be construed as creating any contractual relationship or obligation between the City of Pawtucket and any sub-bidder, subcontractor, supplier, or employee of the contractor or offeror.

5. COSTS OF PREPARATION

All costs associated with the preparation, development, or submission of bids or other offers will be borne by the offeror. The City of Pawtucket will not reimburse any offeror for such costs.

6. SPECIFIED QUANTITY REQUIREMENT

Except where expressly specified to the contrary, all solicitations and contracts are predicated on a specified quantity of goods or services, or for a specified level of funding.

- a. The City of Pawtucket reserves the right to modify the quantity, scope of service, date of delivery or completion, or funding of any contract, with no penalty or charge, by written notice to the contractor, except where alternate terms have been expressly made a part of the contract.
- b. The City of Pawtucket shall not accept quantities in excess of the specified quantity except where the item is normally sold by weight (where sold by weight, the City of Pawtucket will not accept quantities greater than ten per cent [10%] of the specified quantity), or where the Request or Contract provides for awards for other than exact quantities.

- c. Purchase Orders or other contracts may be increased in quantity or extended in term without subsequent solicit with the mutual consent of the contractor and the City of Pawtucket, where determined by the City of Pawtucket Purchasing Agent to be in the City of Pawtucket's best interest.

7. **TERM AND RENEWAL**

Where offers have been requested or contracts awarded for terms exceeding periods of twelve (12) months, it is mutually understood and agreed that the City of Pawtucket's commitment is limited to a base term not to exceed twelve (12) months, subject to renewal annually at the City of Pawtucket's sole option for successive terms as otherwise described, except where expressly specified to the contrary. Purchase orders appearing to commit to obligations of funding or terms of performance may be executed for administrative convenience, but are otherwise subject to this provision, and in such cases the City of Pawtucket's renewal shall be deemed to be automatic, conditional on the continued availability of appropriated funds for the purpose, except as written notice of the City of Pawtucket's intent not to renew is served.

8. **DELIVERY/COMPLETION**

Delivery must be made as ordered and/or projects completed in accordance with the proposal. If delivery qualifications do not appear on the bidder's proposal, it will be interpreted to mean that goods are in stock and that shipment will be made within seven (7) calendar days. If the project completion date is not specified in the proposal, the date shall be determined by the City of Pawtucket Purchasing Agent. The decision of the City of Pawtucket Purchasing Agent, as to reasonable compliance with the delivery terms, and date of completion shall be final. Burden of proof of delay in receipt of order shall rest with the contractor. No delivery charges shall be added to invoices except when authorized on the Purchase Order.

9. **FOREIGN CORPORATIONS**

In accordance with Title 7 Chapter 1.1 ("Business Corporations") of the General Laws of Rhode Island, no foreign corporation shall have the right to transact business in this state until it shall have procured a certificate of authority so to do from the Secretary of State.

10. **PRICING**

All pricing offered or extended to the City of Pawtucket is considered to be firm and fixed unless expressly provided for to the contrary. All prices shall be quoted F.O.B. Destination with freight costs included in the unit cost to be paid by the City of Pawtucket, except, where the Request or Contract permits, offers reflecting F.O.B. Shipping Point will be considered, and freight costs may then be prepaid and added to the invoice.

11. **COLLUSION**

Bidder or contractor warrants that he has not, directly or indirectly, entered into any agreements or participated in any collusion or otherwise taken any action in restraint of full competitive bidding. In special circumstances, an executed affidavit will be required as a part of the bid.

12. **PROHIBITION AGAINST CONTINGENT FEES AND GRATUITIES**

Bidder or contractor warrants that he has not paid, and agrees not to pay, any bonus, commission, fee, or gratuity to any employee or official of the City of Pawtucket for the purpose of obtaining any contract or award issued by the City of Pawtucket. Bidder or contractor further warrants that no commission or other payment has been or will be received from or paid to any third party contingent on the award of any contract by the City of Pawtucket, except as shall have been expressly communicated to the City of Pawtucket Purchasing Agent in writing prior to acceptance of the contract or award in question. Subsequent discovery by the City of Pawtucket of non-compliance with these provisions shall constitute sufficient cause for immediate termination of all outstanding contracts and suspension or debarment of the bidder(s) or contractor(s) involved.

13. **AWARDS**

Awards will be made with reasonable promptness and by written notice to the successful bidder (only); bids are considered to be irrevocable for a period of ninety (90) days following the bid opening unless expressly provided for to the contrary in the Request, and may not be withdrawn during this period without the express permission of the City of Pawtucket Purchasing Agent.

- a. Awards shall be made to the bidder(s) whose offer(s) constitutes the lowest responsive price offer (or lowest responsive price offer on an evaluated basis) for the item(s) in

question or for the Request as a whole, at the option of the City of Pawtucket. The City of Pawtucket reserves the right to determine those offers which are responsive to the Request, or which otherwise serve its best interests.

- b. The City of Pawtucket reserves the right, before making award, to initiate investigations as to whether or not the materials, equipment, supplies, qualifications or facilities offered by the bidder meet the requirements set forth in the proposal and specification, and are ample and sufficient to insure the proper performance of the contract in the event of award. If upon such examination it is found that the conditions of the proposal are not complied with or that articles or equipment proposed to be furnished do not meet the requirements called for, or that the qualifications or facilities are not satisfactory, the City of Pawtucket may reject such a bid. It is distinctly understood, however, that nothing in the foregoing shall mean or imply that it is obligatory upon the City of Pawtucket to make any examinations before awarding a contract; and it is further understood that if such examination is made, it in no way relieves the contractor from fulfilling all requirements and conditions of the contract.
- c. Qualified or conditional offers which impose limitations of the bidder's liability or modify the requirements of the bid, offers for alternate specifications, or which are made subject to different terms and conditions than those specified by the City of Pawtucket may, at the option of the City of Pawtucket, be
 - 1. rejected as being non-responsive, or
 - 2. set aside in favor of the City of Pawtucket's terms and conditions (with the consent of the bidder), or
 - 3. accepted, where the City of Pawtucket Purchasing Agent determines that such acceptance best serves the interests of the City of Pawtucket.Acceptance or rejection of alternate or counter-offers by the City of Pawtucket shall not constitute a precedent which shall be considered to be binding on successive solicitations or procurements.
- d. Bids submitted in pencil, or which do not bear an original signature, in ink, by an owner or authorized agent thereof, will not be accepted.
- e. Bids must be extended in the unit of measure specified in the Request. In the event of any discrepancy between unit prices and their extensions, the unit price will govern.
- f. The City of Pawtucket Purchasing Agent reserves the right to determine the responsibility of any bidder for a particular procurement.
- g. The City of Pawtucket Purchasing Agent reserves the right to reject any and all bids in whole or in part, to waive technical defects, irregularities, and omissions, and to give consideration to past performance of the offerors where, in his judgment the best interests of the City of Pawtucket will be served by so doing.
- h. The City of Pawtucket Purchasing Agent reserves the right to make awards by items, group of items or on the total low bid for all the items specified as indicated in the detailed specification, unless the bidder specifically indicates otherwise in his bid.
- i. Preference may be given to bids on products raised or manufactured in the City of Pawtucket or State of Rhode Island, other things being equal.
- j. The impact of discounted payment terms shall not be considered in evaluating responses to any Request.
- k. The City of Pawtucket Purchasing Agent reserves the right to act in the City of Pawtucket's best interests regarding awards caused by clerical errors by the City of Pawtucket Purchasing Office.

14. SUSPENSION AND DEBARMENT

The City of Pawtucket Purchasing Agent may suspend or debar any vendor or potential bidder, for good cause shown:

- a. A debarment or suspension against a part of a corporate entity constitutes debarment or suspension of all of its divisions and all other organizational elements, except where the action has been specifically limited in scope and application, and may include all known corporate affiliates of a contractor, when such offense or act occurred in connection with the affiliate's performance of duties for or on behalf of the contractor, or with the knowledge, approval, or acquiescence of the contractor or one or more of its principals or directors (or where the contractor otherwise participated in, knew of, or had reason to know of the acts).
- b. The fraudulent, criminal or other serious improper conduct of any officer, director, shareholder, partner, employee, or any other individual associated with a contractor may be imputed to the contractor when the conduct occurred in connection with the individual's

performance of duties for or on behalf of the contractor, or with the contractor's knowledge, approval or acquiescence. The contractor's acceptance of benefits derived from the conduct shall be evidence of such knowledge, approval, or acquiescence.

- c. A vendor or contractor who knowingly engages as a subcontractor for a contract awarded by the City of Pawtucket to a vendor or contractor then under a ruling of suspension or debarment by the City of Pawtucket shall be subject to disallowance of cost, annulment or termination of award, issuance of a stop work order, or debarment or suspension, as may be judged to be appropriate by the City of Pawtucket's Purchasing Agent.

15. PUBLIC RECORDS

Contractors and bidders are advised that certain documents, correspondence, and other submissions to the City of Pawtucket's Purchasing Office may be voluntarily made public by the City of Pawtucket absent specific notice that portions of such submittals may contain confidential or proprietary information, such that public access to those items should be withheld.

16. PRODUCT EVALUATION

In all specifications, the words "or equal" are understood after each article when manufacturer's name or catalog are referenced. If bidding on items other than those specified, the bidder must, in every instance, give the trade designation of the article, manufacturer's name and detailed specifications of the item the bidder proposes to furnish; otherwise, the bid will be construed as submitted on the identical commodity described in the detailed specifications. The City of Pawtucket's Purchasing Agent reserves the right to determine whether or not the item submitted is the approved equal the detailed specifications.

- a. Any objections to specifications must be filed by a bidder, in writing, with the City of Pawtucket's Purchasing Agent at least 96 hours before the time of bid opening to enable the City of Pawtucket's Purchasing Office to properly investigate the objections.
- b. All standards are minimum standards except as otherwise provided for in the Request or Contract.
- c. Samples must be submitted to the City of Pawtucket's Purchasing Office in accordance with the terms of the proposals and detailed specifications. Samples must be furnished free of charge and must be accompanied by descriptive memorandum invoices indicating whether or not the bidder desires their return and specifying the address to which they are to be returned (at the bidder's risk and expense), provided they have not been used or made useless by tests; and absent instructions, the samples shall be considered to be abandoned. Award samples may be held for comparison with deliveries.
- d. All samples submitted are subject to test by any laboratory the City of Pawtucket's Purchasing Agent may designate.

17. PRODUCT ACCEPTANCE

All merchandise offered or otherwise provided shall be new, of prime manufacture, and of first quality unless otherwise specified by the City of Pawtucket. The City of Pawtucket reserves the right to reject all nonconforming goods, and to cause their return for credit or replacement, at the City of Pawtucket's option. Contract deliverables specified for procurements of services shall be construed to be work products, and subject to the provisions of this section.

- a. Failure by the City of Pawtucket to discover latent defect(s) or concealed damage or non-conformance shall not foreclose the City of Pawtucket's right to subsequently reject the goods in question.
- b. Formal or informal acceptance by the City of Pawtucket of non-conforming goods shall not constitute a precedent for successive receipts or procurements.
- c. Where the contractor fails to promptly cure the defect or replace the goods, the City of Pawtucket reserves the right to cancel the Purchase Order, contract with a different contractor, and to invoice the original contractor for any differential in price over the original contract price.
- d. When materials, equipment or supplies are rejected, the same must be removed by the contractor from the premises of the City of Pawtucket within forty-eight (48) hours of notification. Rejected items left longer than two days will be regarded as abandoned and the City of Pawtucket shall have the right to dispose of them as its own property.

18. PRODUCT WARRANTIES

All product or service warranties normally offered by the contractor or bidder shall accrue to the City of Pawtucket's benefit, in addition to any special requirements which may be imposed by the

City of Pawtucket. Every unit delivered must be guaranteed against faulty material and workmanship for a period of one year unless otherwise specified, and the City of Pawtucket may, in the event of failure, order its replacement, repair, or return for full credit, at its sole option.

19. **PAYMENT**

Unless otherwise provided for by the Request or Contract, payment shall not be made until delivery has been made, or services performed, in full, and accepted. Payment shall not be due prior to thirty (30) working days following the latest of completion, acceptance, or the rendering of a properly submitted invoice.

- a. Payment terms other than the foregoing may be rejected as being nonresponsive.
- b. No partial shipments, or partial completion will be accepted, unless provided for by the Request or Contract.
- c. Where a question of quality is involved, or failure to complete a project by the specified due date, payment in whole or part against which to charge back any adjustment required, shall be withheld at the direction of the City of Pawtucket Purchasing Agent. In the event a cash discount is stipulated, the withholding of payments, as herein described, will not deprive the City of Pawtucket from taking such discount.
- d. Payments for used portion of inferior delivery or late delivery will be made by the City of Pawtucket on an adjusted price basis.
- e. Payments on contracts under architectural or engineering supervision must be accompanied by a Certificate of Payment and Statement of Account signed by the architect or engineer and submitted to the City of Pawtucket Purchasing Office for approval.

20. **THIRD PARTY PAYMENTS**

The City of Pawtucket recognizes no assigned or collateral rights to any purchase agreement except as may be expressly provided for in the bid or contract documents, and will not accede to any request for third party or joint payment(s), except as provided for in specific orders by a court of competent jurisdiction, or by express written permission of the City of Pawtucket's Purchasing Agent. Where an offer is contingent upon such payment(s), the offeror is obligated to serve affirmative notice in his bid submission.

21. **SET-OFF AGAINST PAYMENTS**

Payments due the contractor may be subject to reduction equal to the amount of unpaid and delinquent state taxes (or other just debt owed to the State), except where notice of delinquency has not been served or while the matter is pending in hearing or from any appeal therefrom.

22. **CLAIMS**

Any claim against a contractor may be deducted by the City of Pawtucket from any money due him in the same or other transactions. If no deduction is made in such fashion, the contractor shall pay the City of Pawtucket the amount of such claim on demand. Submission of a voucher and payment, thereof, by the City of Pawtucket shall not preclude the City of Pawtucket's Purchasing Agent from demanding a price adjustment in any case when the commodity delivered is later found to deviate from the specifications and proposal.

- a. The City of Pawtucket's Purchasing Agent may assess dollar damages against a vendor or contractor determined to be non-performing or otherwise in default of their contractual obligations equal to the cost of remedy incurred by the City of Pawtucket, and make payment of such damages a condition for consideration for any subsequent award. Failure by the vendor or contractor to pay such damages shall constitute just cause for disqualification and rejection, suspension, or debarment.

23. **CERTIFICATION OF FUNDING**

The Director of Finance shall provide certification as to the availability of funds to support the procurement for the current fiscal year ending June 30th only. Where delivery or service requirements extend beyond the end of the current fiscal year, such extensions are subject to both the availability of appropriated funds and a determination of continued need.

24. **UNUSED BALANCES**

Unless otherwise specified, all unused Blanket Order quantities and/or unexpended funds shall be automatically canceled on the expiration of the specified term. Similarly, for orders encompassing

more than one fiscal year, unexpended balances of funding allotted for an individual fiscal year may be liquidated at the close of that fiscal year, at the City of Pawtucket's sole option.

25. **MINORITY BUSINESS ENTERPRISES**

Pursuant to the provisions of Title 37 Chapter 14.1 of the General Laws, the City of Pawtucket reserves the right to apply additional consideration to offers, and to direct awards to bidders other than the responsive bid representing the lowest price where:

- a. the offer is fully responsive to the terms and conditions of the Request, and
- b. the price offer is determined to be within a competitive range (not to exceed 5% higher than the lowest responsive price offer) for the product or service, and
- c. the firm making the offer has been certified by the R.I. Department of Economic Development to be a small business concern meeting the criteria established to be considered a Minority Business Enterprise.

26. **PREVAILING WAGE REQUIREMENT**

In accordance with Title 37 Chapter 13 of the General Laws of Rhode Island, payment of the general prevailing rate of per diem wages and the general prevailing rate for regular, overtime and other working conditions existing in the locality for each craft, mechanic, teamster, or type of workman needed to execute this work is a requirement for both contractors and subcontractors for all public works projects.

The rates of pay set forth under this contract, are the minimum to be paid during the life of the Contract. It is therefore, the responsibility of Bidders to inform themselves as to local labor conditions, such as the length of work day and work week, overtime compensation, health and welfare contributions, labor supply and prospective changes or adjustments of rates.

27. **EQUAL OPPORTUNITY COMPLIANCE, HANDICAPPED ACCESS AND AFFIRMATIVE ACTION**
Contractors of the City of Pawtucket are required to demonstrate the same commitment to equal opportunity as prevails under federal contracts controlled by Federal Executive Orders 11246, 11625, 11375 and 11830, and Title 28 Chapter 5.1 of the General Laws of Rhode Island.

Affirmative action plans shall be submitted by the contractor for review by the State Equal Opportunity Office. A contractor's failure to abide by the rules, regulations, contract terms and compliance reporting provisions as established shall be grounds for forfeiture and penalties as shall be established, including but not limited to suspension.

28. **DRUG-FREE WORKPLACE REQUIREMENT**

Contractors who do business with the City of Pawtucket and their employees shall abide by the State's drug-free workplace policy and the contractor shall so attest by signing a certificate of compliance.

29. **TAXES**

The City of Pawtucket is exempt from payment of excise, transportation and sales tax imposed by the Federal or State Government. These taxes should not be included in the proposal price. Exemption Certificates will be furnished upon request.

30. **INSURANCE**

All construction contractors, independent tradesmen, or firms providing any type of maintenance, repair, or other type of service to be performed on City of Pawtucket premises, buildings, or grounds are required to purchase and maintain coverage with a company or companies licensed to do business in the state as follows:

- a. **Comprehensive General Liability Insurance**
Combined Single Limit not less than \$1,000,000 each occurrence for bodily injury and property damage.
 - Independent Contractors;
 - Contractual - including construction hold harmless and other types of contracts or agreements in effect for insured operations;
 - Products and Completed Operations;
 - Personal Injury (with employee exclusion deleted)

- b. Automobile Liability Insurance
Combined Single Limit not less than \$1,000,000 each occurrence for bodily Injury and property damage including non-owned and/or hired vehicle coverage.

OR

Bodily Injury, per person, \$500,000/ Bodily Injury, \$1,000,000 per accident/
Property Damage, \$500,000 per accident including non-owned and/or hired
vehicle coverage.

- c. Workers' Compensation Insurance
As required by the General Laws of Rhode Island.
 - Employers liability \$500,000

The City of Pawtucket shall be named as an additional insured on the vendor's Comprehensive General Liability Policy and Automobile Liability Policy.

The City of Pawtucket's Purchasing Agent reserves the right to consider and accept alternate forms and plans of insurance or to require additional or more extensive coverage for any individual requirement. Successful bidders shall provide certificates of coverage, reflecting the City of Pawtucket as an additional insured, to the City of Pawtucket Purchasing Office, forty-eight (48) hours prior to the commencement of work, as a condition of award. Failure to comply with this provision shall result in rejection of the offeror's bid.

31. **BID SURETY**

When requested, a bidder must furnish a Bid Bond or Certified Check for 5% of his bid, or for the stated amount shown in the solicitation. Bid Bonds must be executed by a reliable Surety Company authorized to do business in the State of Rhode Island. Failure to provide Bid Surety with bid may be cause for rejection of bid. The Bid Surety of any three bidders in contention will be held until an award has been made according to the specifications of each proposal. All others will be returned by mail within 48 hours following the bid opening. Upon award of a contract, the remaining sureties will be returned by mail unless instructed to do otherwise.

32. **PERFORMANCE AND LABOR AND PAYMENT BONDS**

When requested, a performance bond and labor and payment bond in an amount specified in the City's bid/proposal solicitation, but not more than 100% of an award, may be required by the City of Pawtucket's Purchasing Agent. Bonds must meet the following requirements:

- a. Corporation: The Bond must be signed by an official of the corporation above his/her official title and the corporate seal must be affixed over his/her signature.
- b. Firm or Partnership: The Bond must be signed by all of the partners and must indicate that they are " Doing Business As (name of firm)."
- c. Individual: The Bond must be signed by the individual owning the business and indicate "Owner."
- d. The Surety Company executing the Bond must be licensed to do business in the State of Rhode Island or Bond must be countersigned by a company so licensed.
- e. The Bond must be signed by an official of the Surety Company and the corporate seal must be affixed over his signature.
- f. Signatures of two witnesses for both the principal and the Surety must appear on the Bond.
- g. A Power of Attorney for the official signing of the Bond for the Surety Company must be submitted with the Bond.

33. **SUSPENSION, DEFAULT AND TERMINATION**

- a. Suspension of a Contract by the City of Pawtucket

The City of Pawtucket reserves the right at any time and for any reason to suspend all or part of this contract, for a reasonable period, not to exceed sixty days, unless the parties agree to a longer period. The City of Pawtucket shall provide the contractor with written notice of the suspension order signed by the Purchasing Agent or his or her designee, which shall set forth the date upon which the suspension shall take effect, the date of its expiration, and all applicable instructions. Upon receipt of said order, the contractor shall immediately comply with the order and suspend all work under this contract as specified in the order. The contractor shall take all reasonable steps to

mitigate costs and adverse impact to the work specified in the contract during the suspension period. Before the order expires, the City of Pawtucket shall either:

1. cancel the suspension order;
2. extend the suspension order for a specified time period not to exceed thirty (30) days; or
3. terminate the contract as provided herein.

The contractor shall resume performance once a suspension order issued under this section is canceled or expires. If as a result of the suspension of performance, there is a financial or schedule impact upon the contract, an appropriate adjustment may be made by, or with the approval of, the City of Pawtucket's Purchasing Agent. Any adjustment shall be set forth in writing. After a suspension order has been canceled or expires, the contractor shall provide any request for adjustment to the City of Pawtucket's Purchasing Agent within thirty (30) days after resuming work performance.

b. Termination of a Contract by the City of Pawtucket

1. Termination for Default or Nonperformance

If, for any reason, the contractor breaches the contract by failing to satisfactorily fulfill or perform any obligations, promises, terms, or conditions, and having been given reasonable notice of and opportunity to cure such default, fails to take satisfactory corrective action within the time specified by the City of Pawtucket, the City of Pawtucket may terminate the contract, in whole or in part, the termination of all outstanding contracts or sub-contracts held by the contractor, and the suspension or debarment of the contractor from future procurements by giving written notice to the contractor specifying the date for termination. The City of Pawtucket shall endeavor to provide such notice at least seven (7) calendar days before the effective date of the termination.

A contractor who fails to commence within the time specified or complete an award made for repairs, alterations, construction, or any other service will be considered in default of contract. If contractor consistently fails to deliver quantities or otherwise perform as specified, the City of Pawtucket's Purchasing Agent reserves the right to terminate the contract and contract for completion of the work with another contractor and seek recourse from the defaulting contractor or his surety. In the event of a termination for default or nonperformance, in whole or in part, the City of Pawtucket may procure similar goods or services in a manner and upon terms it deems appropriate, and the contractor shall be liable for the excess costs incurred by the City of Pawtucket as a result of the contractor's default. The contractor, or its surety, agrees to promptly reimburse the City of Pawtucket for the excess costs, but shall have no claim to the difference should the replacement cost be less.

2. Termination Without Cause

The City of Pawtucket may terminate the contract in whole or in part without cause at any time by giving written notice to the contractor of such termination at least thirty (30) days before the effective date of such termination. The notice shall specify the part(s) of the contract being terminated and the effective termination date.

Within thirty (30) days of the effective date of the termination of the contract the contractor shall compile and submit to the City of Pawtucket an accounting of the work performed up to the date of termination. The City of Pawtucket may consider the following claims in determining reasonable compensation owed to the contractor for work performed up to the date of termination:

- a. contract prices for goods or services accepted under the contract;
- b. costs incurred in preparing to perform and performing the terminated portion of the contract; or
- c. any other reasonable costs incurred by the contractor as a result of the termination.

The total sum to be paid to the contractor shall not exceed the total contract price, less any payments previously made to the contractor, the proceeds from any sales

of goods or manufacturing materials, and the contract price for work not terminated.

3. Contractor's Obligations in the Event of Termination

If the contract is terminated for any reason, or expires pursuant to its terms, the contractor shall transfer and deliver to the City of Pawtucket in the manner and to the extent directed by the City of Pawtucket:

- a. all finished or unfinished material prepared by the contractor; and
- b. all material, if any, provided to the contractor by the City of Pawtucket.

For the purposes of the contract, "material" shall include, but is not limited to, goods, supplies, parts, tools, machinery, equipment, furniture, fixtures, information, data, reports, summaries, tables, maps, charts, photographs, studies, recommendations, files, audiotapes, videotapes, records, keys, security badges, and documents.

If the contract is terminated for cause, the contractor shall not be relieved of liability to the City of Pawtucket for damages sustained because of any breach by the contractor. In such event, the City of Pawtucket may retain any amounts which may be due and owing to the contractor until such time as the exact amount of damages due the City of Pawtucket from the contractor has been determined by the City of Pawtucket Purchasing Agent. The City of Pawtucket may also set off any damages so determined against the amounts retained.

Upon termination of the contract, the contractor shall stop performance on the date specified, terminate any outstanding orders and subcontracts applicable to the terminated portion of the contract, and shall incur no further commitments or obligations in connection with the terminated performance. The contractor shall settle all liabilities and claims arising out of the termination of subcontracts and order generating from the terminated performance. The City of Pawtucket may direct the contractor to assign the contractor's right, title and interest under terminated orders or subcontracts to the City of Pawtucket or a third party.

Terminations of Purchase Order Contracts or Master Pricing Agreements shall require the signature of the City of Pawtucket Purchasing Agent or his designee. Notice of termination by either party shall be submitted in writing to the other party in accordance with the termination clause of the contract, or where no specific termination clause is included, written notice shall be provided no later than thirty (30) days before the expiration of the contract.

34. INDEMNITY

The contractor guarantees:

- a. To save the City of Pawtucket, its agents and employees, harmless from any liability imposed upon the City of Pawtucket arising from the negligence, either active or passive, of the contractor, as well as for the use of any copyrighted or uncopyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in the performance of the contract of which the contractor is not the patentee, assignee or licensee.
- b. To pay for all permits, licenses and fees and give all notices and comply with all laws, ordinances, rules and regulations of the City of Pawtucket and of the State of Rhode Island.
- c. That the equipment offered is standard new equipment, latest model of regular stock product with all parts regularly used with the type of equipment offered; also, that no attachment or part has been substituted or applied contrary to manufacturer's recommendations and standard practice.

35. CONTRACTOR'S OBLIGATIONS

In addition to the specific requirements of the contract, construction and building repair contractors bear the following standard responsibilities:

- a. To furnish adequate protection from damage for all work and to repair damages of any kind, for which he or his workmen are responsible, to the building or equipment, to his own work, or to the work of other contractors;
- b. The contractor, its subcontractor(s) and their employees and/or agents, shall protect and preserve property in the contractor or subcontractor's possessions in

- which the City of Pawtucket has an interest, and any and all materials provided to the contractor or subcontractor by the City of Pawtucket;
- c. To clear and remove all debris and rubbish resulting from his work from time to time, as directed or required, a completion of the work leave the premises in a neat unobstructed condition, broom clean, and in satisfactory order and repair;
 - d. To store equipment, supplies, and material at the site only upon approval by the City of Pawtucket, and at his own risk;
 - e. To perform all work so as to cause the least inconvenience to the City of Pawtucket, and with proper consideration for the rights of other contractors and workmen;
 - f. To acquaint themselves with conditions to be found at the site, and to assume responsibility for the appropriate dispatching of equipment and supervision of his employees during the conduct of the work;
 - g. To ensure that his employees are instructed with respect to special regulations, policies, and procedures in effect for any City of Pawtucket facility or site, and that they comply with such rules, including but not limited to security policies or practices and/or criminal background checks for any employees and/or subcontractors;
 - h. The contractor shall ensure that its employees or agents are experienced and fully qualified to engage in the activities and services required under the contract;
 - i. The contractor shall ensure that at all times while services are being performed under this contract at least one of its employees or agents on the premises has a good command of the English language and can effectively communicate with the City of Pawtucket and its staff;
 - j. The contractor and contractor's employees or agents shall comply with all applicable licensing and operating requirements required by federal or state law and shall meet accreditation and other generally accepted standards of quality in the applicable field of activity;
 - k. The contractor shall secure and retain all employee-related insurance coverage for its employees and agents as required by law; and
 - l. The contractor, subcontractor, and his or her employees and agents shall not disclose any confidential information of the City of Pawtucket to a third party. Confidential information means:
 - (1) any information of a sensitive or proprietary nature, whether or not specially identified as confidential or proprietary; or
 - (2) any information about the City of Pawtucket gained during the performance of a contract that is not already lawfully in the public domain.

36. FORCE MAJEURE

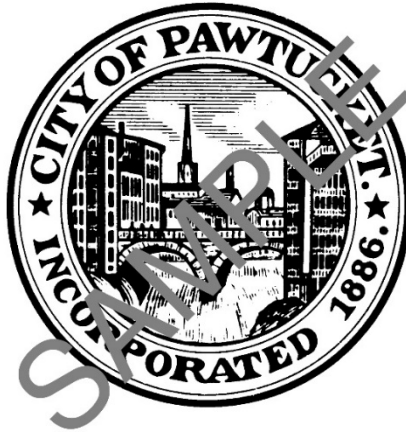
All orders shall be filled by the contractor with reasonable promptness, but the contractor shall not be held responsible for any losses resulting if the fulfillment of the terms of the contract shall be delayed or prevented by wars, acts of public enemies, strikes, fires, floods, acts of God, or for any other acts not within the control of the contractor and which by the exercise of reasonable diligence, the contractor is unable to prevent.

Appendix C

City of Pawtucket Standard Form of Agreement (SAMPLE)

**CONTRACT AGREEMENT
FOR:**

PROJECT_TITLE



PAWTUCKET, RHODE ISLAND

PURCHASING DIVISION
137 ROOSEVELT AVE.
PAWTUCKET, RHODE ISLAND

MM/DD/YYYY

CONTRACT AGREEMENT

PROJECT_TITLE
Pawtucket, Rhode Island

1. AGREEMENT FOR SERVICES

This Agreement for Services (hereinafter the "Agreement" or "Contract") made this ##th day of ####, 2015 between the City of Pawtucket, a municipal corporation of the State of Rhode Island, with a business address of 137 Roosevelt Avenue, Pawtucket, Rhode Island (hereinafter the "City") and VENDOR, a company authorized to do business in the State of Rhode Island, with a business address of ##### (hereinafter the "Consultant").

2. SCOPE OF CONSULTANT SERVICES

This is a contract to provide the City with consulting services as specified herein and as set forth in the following Exhibits, all of which are attached hereto and incorporated into this Agreement by reference herein:

- Exhibit 1 – RFP #####;
- Exhibit 2 – Rhode Island Department of Labor and Training Municipal Contract Addendum;

and all addenda issued and any resulting negotiations, and the RFP response received by the City from the Consultant.

3. COMPENSATION FOR SERVICES

The City shall pay the Consultant in the following sums for work performed under this Agreement after the effective date as set out below:

\$#####

The payment and performance of any obligations under this contract for years beyond the first fiscal year are subject to the availability of funds. Payment will not be made until services have been fully performed and accepted, and upon a properly submitted invoice. All invoices must clearly display the purchase order number.

4. RHODE ISLAND LAW AND FORUM

(a) This Agreement shall be construed according to the law of the State of Rhode Island.

(b) Any litigation between the City and the Consultant arising under this Agreement or out of work performed under this Agreement shall occur, if in the state courts, in the Providence County Superior Court, and in the federal courts, in the United States District Court for the District of Rhode Island.

5. NOTICE

Any notice provided for under this Agreement shall be sufficient if in writing and delivered personally to the following addressee or deposited in the United States mail, postage prepaid, certified mail, return receipt requested, addressed as follows, or to such other address as the receiving party hereafter shall specify in writing:

If to the City:

Andrew Silvia, PE, Chief of Project Development
250 Armistice Boulevard
Pawtucket, RI 02860

If to the Consultant:

#####

6. COMPLIANCE WITH LAWS

Consultant shall materially comply with any and all Federal, state and local laws and regulations now in force and which may hereafter during the term of this contract, be enacted and become effected which are applicable, as well as obtaining any and all required permits and licenses.

7. TIMEFRAME TO COMPLETE

The Consultant shall complete the consulting services located in the City of Pawtucket, Rhode Island no later than #####.

8. WAIVERS

No waiver of any breach or any one or more of the conditions or covenants of this Contract by City or Consultant shall be deemed to imply or to constitute a waiver of any prior or succeeding breach; and the failure of City or Consultant to insist upon the strict performance of the terms, covenants, agreements and conditions herein contained or any one of them shall not constitute or be construed as a waiver or relinquishment of City's or Consultant's right to thereafter enforce any such default, or any term, covenants, agreement or condition.

CONSULTANT (VENDOR)

WITNESS

Subscribed and sworn to before me in the _____

on this _____ day of _____, 2015.

NOTARY PUBLIC
My Commission Expires:

CITY OF PAWTUCKET

WITNESS

Subscribed and sworn to before me in the _____

on this _____ day of _____, 2015.

NOTARY PUBLIC
My Commission Expires:

EXHIBIT 1:

RFP #####

SAMPLE

Appendix D

Grotto Ave Bridge #59401 Inspection Report dated 4/10/2025



Inspection Report for Structure 059401

NSTM, Routine, Special Inspections by Benn of Atane

Database: Serenity Version: 7.0.2

04/10/2025 - Grotto Ave

Summary Sheet

Summary Location

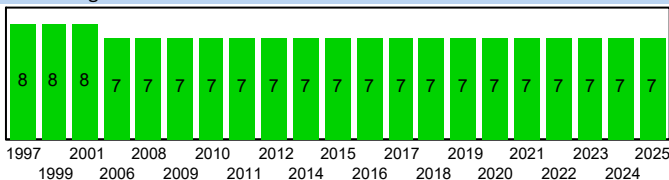
Bridge Number (B.ID.01):	000000000005940	Agency Bridge ID:	059401
Bridge Name (B.ID.02):	Grotto Ave	Commonly Called:	GROTTO AV OVER MOSHASSUCK RIVER
Report Bridge to FHWA:	<input checked="" type="checkbox"/> NBI: Y	Report Elements to FHWA:	<input checked="" type="checkbox"/>
Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highway agency
District:	District 3		

Summary Condition

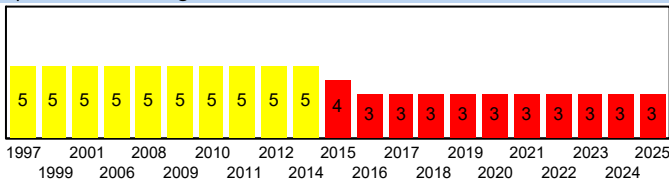
Structure Overall 3	Deck 7	Super 3	Sub 5	Culvert N
	Railing 6	Transition N	Bearing N	Joints 4

Condition History Graph

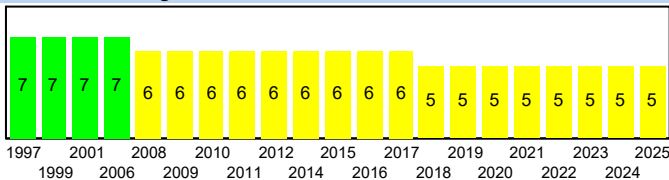
Deck Rating



Superstructure Rating



Substructure Rating



Required Inspections Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
NSTM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	1 Method 1	12	4/10/2026		
Routine	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	1 Method 1	24	4/10/2027		
Special	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	2 Method 2	6	10/10/2025	FC1 2025	ATANE

Bridge Data

Identification data

Bridge Number (B.ID.01):	000000000005940	Agency Bridge ID:	059401
Bridge Name (B.ID.02):	Grotto Ave	Bridge Nickname:	GROTTO AV OVER MOSHASSUCK RIVER
Bridge Status:	3 Active	Bridge Lifecycle Phase:	1 Service
Report Bridge to FHWA:	<input checked="" type="checkbox"/>	Report Elements to FHWA:	<input checked="" type="checkbox"/>
NBI Bridge:	Y		
Bridge notes:	Equipment Used: Waders and ladder.		

Traffic Control: None.

The bridge is logged from west to east and the girders are labeled from north to south. Moshassuck River flows from north to south.

Site Access Notes: There is heavy growth of vegetation at all four (4) corners and the channel was accessed at the northeast embankment where the vegetation growth is not as thick.

Past Bridge ID (B.ID.03): Future Bride ID:

Location data

State Code (B.L.01):	44 Rhode Island	County Code (B.L.02):	Providence
Place Code (B.L.03):	54640	Highway Agency District (B.L.04):	District 3
Metro Planning Org 1 (B.L.12):		Metro Planning Org 2 (B.L.12):	
Bridge Location (B.L.11):	0.7 Mi W of JCT RI 126		
Bridge Latitude (B.L.05):	41.870538	Bridge Longitude (B.L.06):	-71.405361
		Bridge Elevation :	

Border data

Designated Lead State (B.L.10):	Border Bridge Number (B.L.07):	N
Border State or Country (B.L.08):	Border Insp. Responsibility (B.L.09)	1

Classification data

Owner (B.CL.01):	L03 City or municipal highway agency	Maintenance Responsibility (B.CL.02):	L03 City or municipal highway agency
Federal or Tribal Land Access (B.CL.03):	N	Historical Significance (B.CL.04):	N Not eligible & not in historic eligible district
Toll (B.CL.05):	N Does not carry toll road and is not toll bridge	Emergency Evacuation Designation (B.CL.06):	N Not an Emergency evacuation ro

Construction data

Year Built (B.W.01):	1935		
Design Load (B.LR.01):	Greater than HS-20	Design Method (B.LR.02):	U Unknown

Geometry data

NBIS Bridge Length (B.G.01):	35.50	Total Bridge Length (B.G.02):	35.50
Maximum Span Length (B.G.03):	32.50	Minimum Span Length (B.G.04):	32.80
Bridge Width Out-to-Out (B.G.05):	14.00	Bridge Width Curb-to-Curb (B.G.06):	11.50
Left Curb or Sidealk Width (B.G.07):	1.40	Right Curb or Sidewalk Widgth (B.G.08):	1.30
Approach Roadway Width (B.G.09):	11.50	Bridge Median (B.G.10):	0 No median
Skew (B.G.11):	17	Curved Bridge (B.G.12):	N Not curved
Maximum Bridge Height (B.G.13):	9	Sidehill Bridge (B.G.14):	N Not a sidehill bridge
Irregular Deck Area (B.G.15):		Calculated Deck Area (B.G.16):	497.

Appraisal data

Approach Roadway Alignment (B.AP.01):	G Good	Overtopping Likelihood (B.AP.02):	1 Remote - once every 100 years or
Scour Vulnerability (B.AP.03):	D Is, or may become, unstable	Scour Plan of Action (B.AP.04):	Y A scour POA is required a
Seismic Vulnerability (B.AP.05):	N Does not require seismic eval	Storm Surge	<input type="checkbox"/>

Railings and Transitions

Railings (B.RH.01):	I0-T	Transitions (B.RH.02):	I0-T
---------------------	------	------------------------	------

Design Data

Superstructure set data

M01 - Superstructure Set 3 - 867 - Type: M Main

Number of Spans (B.SP.02):	1	Number of Beam Lines (B.SP.03):	2
Span Material (B.SP.04):	S01 Steel - rolled shapes	Span Continuity (B.SP.05):	1 Simple or single span
Span Type (B.SP.06):	G02 Girder/beam - I-shaped spread	Span Protective System (B.SP.07):	C01 Coating - paint
Deck Interaction (B.SP.08):	CU Composite - unshored construction	Deck Material & Type (B.SP.09):	C01 Reinforced concrete - cast-in-place
Wearing Surface (B.SP.10):	B01 Bituminous (asphalt)	Deck Protective System (B.SP.11):	MU Membrane - unknown
Deck Reinforcing Protective System (B.SP.12):	C01 Coating - epoxy coated	Deck Stay-in-Place Forms (B.SP.13):	0 None

Substructure set data

A01 - Sub Set 1 - Type: A Abutment

Number of Sub Units (B.SB.02):	2	Substructure Material (B.SB.03):	C01 Reinforced concrete - cast-in-place
Substructure Type (B.SB.04):	A01 Abutment - cantilever/wall	Substructure Protective System (B.SB.05):	0 None
Foundation Type (B.SB.06):	U Unknown	Foundation Protective System (B.SB.07):	0 None

Structure Units

Unit Number	Name	Superstructure Set	Substructure Set
0	0		
1	2		

Feature Data

Grotto Avenue

Feature Name (B.F.03):	Grotto Avenue	Feature Type (B.F.01):	H Highway
Feature Location (B.F.02):	C	Reported to FHWA:	<input checked="" type="checkbox"/>

Route Information

Designation (B.RT.01)	Route Number (B.RT.02)	Route Direction (B.RT.03)	Route Type (B.RT.04)	Service Type (B.RT.05)
R01	0	EW Eastbound and Westbound	5 City street	X Other

Highway Information

LRS Route ID (B.H.06):	26060730A	LRS Data as of Date:	
LRS Mile Point (B.H.07):	0.031	Lanes on Highway (B.H.08):	1
Functional Classification (B.H.01):	7 Local	Urban Code (B.H.02):	72505
NHS Designation (B.H.03):	N Non-NHS	National Highway Freight Network (B.H.04):	N Not on the NHFN
STRAHNET Designation (B.H.05):	N Not a STRAHNET route		

AADT

AADT (B.H.09):	1,000	Future AADT:	1,200
ADTT (B.H.10):	100	Future ADTT:	
Year of AADT (B.H.11):	2,008	Future Year:	2,036
Percent Truck Traffic:	10.00	Directional Percentage:	

Clearances

Highway Maximum Usable Vertical Clearance (B.H.12):	99.90	Highway Minimum Vertical Clearance (B.H.13):	99.90
Highway Minimum Horizontal Clearance, Left (B.H.14):	0.00	Highway Minimum Horizontal Clearance, Right (B.H.15):	0.00
Highway Maximum Usable Surface Width (B.H.16):	11.50		

User Costs

Route Speed:	25	Bypass Detour Length (B.H.17)::	999
Bypass Average Speed:	0	Lanes on Bypass:	

MOSHASSUCK RIVER

Feature Name (B.F.03):	MOSHASSUCK RIVER	Feature Type (B.F.01):	W Waterway
Feature Location (B.F.02):	B	Reported to FHWA:	<input checked="" type="checkbox"/>

Waterway Details

Navigable Waterway (B.N.01):	N Not navigable waters	Navigation Minimum Vertical Clearance (B.N.02):
Movable Bridge Maximum Navigation Vertical Clearance (B.N.03):		Navigable Channel Width (B.N.04):
Navigation Channel Minimum Horizontal Clearance (B.N.05):		Substructure Navigation Protection (B.N.06):

Inspection Data

Inspection Condition

Deck (B.C.01):	7 Good	Superstructure (B..C.02):	3 Serious
Substructure (B.C.03):	5 Fair	Culvert (B.C.04):	N Not Applicable
Bridge Condition Classification (B.C.12):	P Poor	Lowest Condition Rating (B.C.13):	3
Railing (B.C.05):	6 Satisfactory	Railing Transition (B.C.06):	N Not Applicable
Bearing (B.C.07):	N Not Applicable	Joints (B.C.08):	4 Poor

Other Condition Ratings

Channel (B.C.09):	6 Satisfactory	Channel Protection (B.C.10):	N Not Applicable
Scour (B.C.11):	7 Some minor scour	NSTM Inspection Condition (B.C.14):	3 Serious
Underwater Inspection (B.C.15):	N Not Applicable		

Appraisal

Approach Roadway Alignment (B.AP.01):	G Good	Overtopping Likelihood (B.AP.02):	1 Remote - once every 100 years or less frequently
Scour Vulnerability (B.AP.03):	D Is, or may become, unstable	Scour Plan of Action (B.AP.04):	Y A scour POA is required and implemented.
Seismic Vulnerability (B.AP.05):	N Does not require seismic eval		
SB/WB Avg Curb Reveal:	6.50	NB/EB Avg Curb Reveal:	7.50

Inspection Notes

Narrative of Inspection Elements (B.IE.11): This special inspection consisted of complete Routine and NSTM inspections started on April 10, 2025. Both the Routine and NSTM inspections were completed on April 10, 2025.

Agency Inspection Notes: Team Leader: Derek Benn, E.I.T. (ATANE)
Staff Inspector: Katie Henry (ATANE)
Routine and NSTM Inspection Date: 04/10/2025
Weather: 48 degrees Fahrenheit, partly cloudy.

Report Sketches: During this inspection, all available report sketches have been updated and reorganized into element specific drawing files and .pdf's.

NSTM Procedures: During this inspection, the "Bridge Description" section of the NSTM procedures document has been requested to be updated to incorporate information regarding the recent non-destructive testing that was performed on the substructure.

Deflection and Vibration: Minor deflection and vibration were observed when the bridge was subjected to heavy live loads at the time of this inspection.

Item 58 Deck – (Rating = 7): The underside of the reinforced concrete deck has a few spalls up, honeycombing with exposed rebar and random transverse hairline cracks up to full width with and without efflorescence which extend onto the vertical face.

Item 59 Superstructure – (Rating = 3): The girders have light to heavy rust, minor to heavy laminated rust, areas of section loss in the webs and flanges (some painted over), and two (2) isolated areas of distortion. The girders at Abutment #2 are undermined due to abutments spalls that have resulted in a loss of bearing area. The interior portions of the girders have a maximum cross sectional area loss of 55.6% on the bottom flanges. The girder ends in the webs have a maximum bearing area loss of 47.7% and shear area loss of 13.35%. The rating remains unchanged since the previous inspection.

Item 60 Substructure – (Rating = 5): The abutments have areas of abrasion along the waterline, spalls in the stems and spalls in the pedestals that undermine the girders, and cracks with and without rust stains.

Channel and Channel Protection (Rating = 6) – The channel embankments have heavy growth of vegetation, tree debris accumulation across the channel and along the embankments, moderate areas of erosion with minor undercutting along the channel embankments, isolated areas of aggradation and heavy accumulation debris below the steel utility support beams.

Refer to the additional document "059401-2025-04-10-Additional-Inspection-Notes.pdf" for detailed information regarding the approach curbs, utilities and channel notes.

Birds and Bats

Bats Observed: No
Bats Visual: ☐
Bats Sounds: ☐
Bats Photos: ☐
Bats Staining: ☐
Bats Droppings: ☐
Birds Observed: No
Birds Specied Ident: ☐
Birds Photos: ☐

Bats Notes:

None observed at the time of the inspection.

Birds Notes:

None observed at the time of the inspection.

Utilities

Telephone: False
Cable: False
Utility Duct Bank: False
Oil: False
Gas: False
Electric (lighting): False

O/H Lines Present: False
Sidewalks-Parapets Duct: False
Sewer: False
Fire Alarm: False
Fiber Optic: False
Water: True

Utilities Notes:

Element Detail

Structure Unit: 0											
		Env.	Total Quantity	Unit	CS1		CS2		CS3		CS4
12	Re Concrete Deck	Mod	497	sq.ft	481	97	16	3%	0	0	0
510	Wearing Surfaces		408		333	82	60	15%	15	4	0
3210	Del/Spall/Patch/Pot(Wear Surf)		35		0	0	35	100%	0	0	0
3220	Crack (Wearing Surface)		40		0	0	25	63%	15	38	0
1080	Delamination/Spall/Patched Area		5		0	0	5	100%	0	0	0
1090	Exposed Rebar		1		0	0	1	100%	0	0	0
1120	Efflorescence/Rust Staining		5		0	0	5	100%	0	0	0
1130	Cracking (RC and Other)		5		0	0	5	100%	0	0	0
107	Steel Opn Girder/Beam	Mod	48	ft	0	0	0	0%	33	69	15
515	Steel Protective Coating		452		444	98	0	0%	0	0	8
3420	Peel/Bub/Crack(Stl Protect Coat)		8		0	0	0	0%	0	0	8
1000	Corrosion		37		0	0	0	0%	22	59	15
1900	Distortion		11		0	0	0	0%	11	100	0
215	Re Conc Abutment	Mod	30	ft	20	67	3	10%	6	20	1
1080	Delamination/Spall/Patched Area		5		0	0	0	0%	5	100	0
1120	Efflorescence/Rust Staining		2		0	0	1	50%	1	50	0
1130	Cracking (RC and Other)		3		0	0	2	67%	0	0	1
1190	Abrasion(PSC/RC)		20		20	100	0	0%	0	0	0
220	Re Conc Pile Cap/Ftg	Mod	2	ft	0	0	2	100%	0	0	0
6000	Scour		2		0	0	2	100%	0	0	0
301	Pourable Joint Seal	Mod	24	ft	0	0	10	42%	14	58	0
2310	Leakage		1		0	0	0	0%	1	100	0
2320	Seal Adhesion		11		0	0	0	0%	11	100	0
2360	Adjacent Deck or Header		12		0	0	10	83%	2	17	0
321	Re Conc Approach Slab	Mod	230	sq.ft	230	100	0	0%	0	0	0
510	Wearing Surfaces		230		164	71	51	22%	15	7	0
3210	Del/Spall/Patch/Pot(Wear Surf)		20		0	0	20	100%	0	0	0
3220	Crack (Wearing Surface)		46		0	0	31	67%	15	33	0
8218	Backwall, All Types	Mod	30	ft	0	0	8	27%	22	73	0
1080	Delamination/Spall/Patched Area		2		0	0	0	0%	2	100	0
1120	Efflorescence/Rust Staining		11		0	0	8	73%	3	27	0
1111	Scaling		17		0	0	0	0%	17	100	0
8107	Steel Opn Girder/Beam	Mod	20	ft	0	0	0	0%	20	100	0
ENDS											
515	Steel Protective Coating		100		75	75	0	0%	0	0	25
3420	Peel/Bub/Crack(Stl Protect Coat)		100		75	75	0	0%	0	0	25
1000	Corrosion		15		0	0	0	0%	15	100	0
1900	Distortion		5		0	0	0	0%	5	100	0
8370	Steel Diaphragms	Mod	5	each	0	0	0	0%	5	100	0
515	Steel Protective Coating		50		40	80	0	0%	0	0	10
3420	Peel/Bub/Crack(Stl Protect Coat)		10		0	0	0	0%	0	0	10
1000	Corrosion		5		0	0	0	0%	5	100	0
8335	Guardrail, Vehicular	Mod	252	ft	209	83	30	12%	13	5	0
515	Steel Protective Coating		504		454	90	0	0%	0	0	50
3420	Peel/Bub/Crack(Stl Protect Coat)		50		0	0	0	0%	0	0	50
1000	Corrosion		25		0	0	25	100%	0	0	0
1020	Connection		4		0	0	1	25%	3	75	0
7000	Damage		14		0	0	4	29%	10	71	0
8440	Posting Sign	Mod	2	each	2	100	0	0%	0	0	0
8398	Curb/sidewalks - Con	Mod	71	ft	43	61	24	34%	4	6	0
1080	Delamination/Spall/Patched Area		4		0	0	0	0%	4	100	0
1130	Cracking (RC and Other)		10		0	0	10	100%	0	0	0
1111	Scaling		14		0	0	14	100%	0	0	0
8427	Pro Screen Type2	Mod	71	ft	61	86	10	14%	0	0	0
1000	Corrosion		10		0	0	10	100%	0	0	0

8214	R/C Wingwall	Mod	86 ft	67	78	9	10%	10	12	0	0
1080	Delamination/Spall/Patched Area		3	0	0	0	0%	3	100	0	0
1090	Exposed Rebar		4	0	0	0	0%	4	100	0	0
1120	Efflorescence/Rust Staining		4	0	0	3	75%	1	25	0	0
1130	Cracking (RC and Other)		4	0	0	4	100%	0	0	0	0
1190	Abrasion(PSC/RC)		30	30	100	0	0%	0	0	0	0
1111	Scaling		4	0	0	2	50%	2	50	0	0
8441	Advanced Posting Sign	Mod	1 each	1	100	0	0%	0	0	0	0

Element Detail

Structure Unit: 0

		Env.	Total Quantity	Unit.	CS1		CS2		CS3		CS4	
12	Re Concrete Deck	Mod	497	sq.ft	481	97	16	3	0	0	0	0
Notes: The underside of the reinforced concrete deck has a few spalls, an isolated area of honeycombing with exposed rebar and hairline cracks with and without efflorescence (see Photos 10 to 14).												
The top of the deck is exposed due to a pothole at the Abutment #1 deck joint near the north curb (see Photos 15 and 32).												
510	Wearing Surfaces		408.00		333.00	81.62	60.00	14.71	15.00	3.68	0.00	0
Notes: The bituminous concrete wearing surface has a few bituminous patches, isolated potholes and a few isolated sealed and unsealed cracks (see Photos 15 and 16).												
Additionally, the bituminous concrete wearing surface has moderate wheel line rutting up to 1" deep, areas of raveling up to 1/4" deep, heavy accumulation of debris and isolated vegetation growth along both curbs up to full length x 1' wide, and a light accumulation of sand along the center of the roadway, full length x 2' wide (see Photos 15 and 16).												
3210	Del/Spall/Patch/Pot(Wear Surf)		35		0	0	35	100	0	0	0	0
Notes: The bituminous concrete wearing surface has bituminous patches and potholes at the following locations:												
At Abutment #1 – Approximately 2' from the south curb is a 2' diameter bituminous patch. Adjacent to the north curb is a 1' long x 5' wide pothole, which exposes the top of the deck and the joint (see Photos 15 and 32).												
Approximately 6' from Abutment #2 – Approximately 2' from the south curb is an 8' long x 3' wide bituminous patch with hairline cracks and minor edge potholes (see Photo 16).												
At Abutment #2 – Approximately 2' from the south curb is a 5' long x 2.5' wide cracked bituminous patch with minor edge potholes. Approximately 1.5' from the north curb is a 1' long x 2' wide cracked bituminous patch which covers the pourable joint seal (see Photos 16 and 33).												
3220	Crack (Wearing Surface)		40		0	0	25	63	15	38	0	0
Notes: The bituminous concrete wearing surface has isolated sealed and unsealed transverse and longitudinal cracks up to 5' long x 1/2" wide (see Photos 15 and 16).												
1080	Delamination/Spall/Patched Area		5.00		0.00	0.00	5.00	100.00	0.00	0.00	0.00	0
Notes: The undersides of the south and north deck overhangs have a few spalls up to 2" diameter x 1" deep (see Photos 11, 12 and 14) and additional deficiencies noted as follow:												
The south deck overhang near Abutment #1, adjacent to Girder 'B' has three (3) spalls up to 2' long x 3" wide x 1/2" deep (see Photo 11).												
The north deck overhang near mid-span, adjacent to Girder 'A' has two (2) spalls up to 1' long x 2" wide x 1/2" deep (see Photo 14).												
1090	Exposed Rebar		1.00		0.00	0.00	1.00	100.00	0.00	0.00	0.00	0
Notes: The underside of the deck in Bay 'A', between the first and second cross frames from Abutment #1 adjacent to Girder 'A', has a 1' long x 1.5' wide x 1/2" deep honeycombing with exposed rebar (see Photo 13).												
1120	Efflorescence/Rust Staining		5.00		0.00	0.00	5.00	100.00	0.00	0.00	0.00	0
Notes: The undersides of the south and north deck overhangs have transverse hairline cracks up to full width with and without efflorescence that extend onto the vertical face (see Photos 12 and 14).												
1130	Cracking (RC and Other)		5.00		0.00	0.00	5.00	100.00	0.00	0.00	0.00	0
Notes: The undersides of the south and north deck overhangs have transverse hairline cracks up to full width with and without efflorescence that extend onto the vertical face (see Photos 12 and 14).												
107	Steel Opn Girder/Beam	Mod	48	ft	0	0	0	0	33	69	15	31
Notes: The superstructure consists of two (2) steel girders labeled 'A' and 'B' from north to south (see Photo 10). The girders have several empty 7/8" diameter rivet holes in both flanges, and six (6) abandoned riveted diaphragm connection plates (see Photos 17, 20, 21, 37, 38, 39, 43 and 44).												
The girders have areas of painted over section loss, areas of light rust and Girder 'A' has two (2) areas of distortion (see Photos 17 to 21 and 38).												
Refer to the additional documents "059401-2025-04-10-Element-107-8107-Sketches.pdf" and "059401-2025-04-10-Section-Loss.pdf" for detailed descriptions and locations of deficiencies and section loss calculations.												
515	Steel Protective Coating		452.00		444.00	98.23	0.00	0.00	0.00	0.00	8.00	2
Notes: The girders have a painted steel protective coating which has random areas of peeling paint with light rust (see Photos 17 to 21).												
3420	Peel/Bub/Crack(Stl Protect Coat)		8		0	0	0	0	0	0	8	100

Notes: The girders have a painted steel protective coating which has random areas of peeling paint with light rust (see Photos 17 to 21).

1000	Corrosion	37.00	0.00	0.00	0.00	0.00	22.00	59.46	15.00	41
------	-----------	-------	------	------	------	------	-------	-------	-------	----

Notes: The girders have areas of light rust, areas of painted over section loss in the webs for up to full length x up to full height x up to 5/16" deep and up to full length x full width x 5/8" deep in both flanges (see Photos 17 to 21).

The bottom flange section loss at mid-span is approximately 55.6% for Girder 'A' and approximately 34% for Girder 'B'.

Refer to the additional documents "059401-2025-04-10-Element-107-8107-Sketches.pdf" and "059401-2025-04-10-Section-Loss.pdf" for detailed descriptions and locations of deficiencies and section loss calculations.

1900	Distortion	11.00	0.00	0.00	0.00	0.00	11.00	100.00	0.00	0
------	------------	-------	------	------	------	------	-------	--------	------	---

Notes: At Abutment #2, the Girder 'A' web is out-of-plane to the south up to 9/16" over a 1' high for 16' long, and the east half of the Girder 'A' bottom flange is out-of-plane to the south up to 1/4" (see Photo 38).

Refer to the additional document "059401-2025-04-10-Element-107-8107-Sketches.pdf" for detailed descriptions and locations of deficiencies.

215	Re Conc Abutment	Mod	30	ft	20	67	3	10	6	20	1	3
-----	------------------	-----	----	----	----	----	---	----	---	----	---	---

Notes: The reinforced concrete abutments have areas of abrasion along the waterline, isolated honeycombing, spalls and cracks with and without rust stains (see Photos 22 to 31 and 42). At Abutment #2, the beam seat for the north utility support beam has a heavy accumulation of debris (see Photo 27).

Since the previous inspection, material testing consisting of half cell potential testing, chloride ion profile, compressive strength and petrographic analysis were performed on the abutments. The results of the testing can be found in the report located in the multimedia of the BrM. Note that as a result of the testing, 4" diameter unfilled core holes remain at both abutments (see Photos 23, 24, 31 and 48).

Refer to the additional document "059401-2025-04-10-Element-215-Sketches.pdf" for detailed descriptions and locations of deficiencies.

1080	Delamination/Spall/Patched Area	5.00	0.00	0.00	0.00	0.00	5.00	100.00	0.00	0
------	---------------------------------	------	------	------	------	------	------	--------	------	---

Notes: The abutments have spalls noted as follows:

Abutment #1:

The stem has areas of honeycombing up to 1/2" deep (see Photo 22).

The stem below Bay 'A' at the base, below the utility pipe, has a 3' wide x 6" high x 8" deep spall (see Photo 24).

Abutment #2:

The pedestals along vertical face and the seat have spalls up to 8" wide x 17" high x 14" deep that undermine the girders (see Photos 27 to 31 and 42).

Refer to the additional document "059401-2025-04-10-Element-215-Sketches.pdf" for detailed descriptions and locations of deficiencies.

1120	Efflorescence/Rust Staining	2.00	0.00	0.00	1.00	50.00	1.00	50.00	0.00	0
------	-----------------------------	------	------	------	------	-------	------	-------	------	---

Notes: Abutment #1:

The Girder 'B' pedestal on the east face has two (2) diagonal cracks up to 1' long x 1/16" wide with efflorescence and rust stains (see Photo 25).

1130	Cracking (RC and Other)	3.00	0.00	0.00	2.00	66.67	0.00	0.00	1.00	33
------	-------------------------	------	------	------	------	-------	------	------	------	----

Notes: Abutment #1:

The Girder 'A' pedestal on the east face has two (2) diagonal cracks up to 1' long x 1/16" wide (see Photos 22 and 23).

Abutment #2:

The Girder 'A' pedestal on the west face has two (2) diagonal cracks up to 1.5' long x 1/8" wide (see Photos 27 and 28).

The Girder 'B' pedestal on the west face has a 3/4" wide vertical crack with full depth penetration (see Photo 30).

1190	Abrasion(PSC/RC)	20.00	20.00	100.00	0.00	0.00	0.00	0.00	0.00	0
------	------------------	-------	-------	--------	------	------	------	------	------	---

Notes: The abutments have waterline abrasion up to 1/4" deep (see Photo 22).

220	Re Conc Pile Cap/Ftg	Mod	2	ft	0	0	2	100	0	0	0	0
-----	----------------------	-----	---	----	---	---	---	-----	---	---	---	---

Notes: The footing for the Northwest Wingwall is exposed in an isolated area (see Photo 47).

6000	Scour	2.00	0.00	0.00	2.00	100.00	0.00	0.00	0.00	0
------	-------	------	------	------	------	--------	------	------	------	---

Notes: The footing for the Northwest Wingwall is exposed up to 2' long adjacent to the abutment (see Photo 47).

301	Pourable Joint Seal	Mod	24	ft	0	0	10	42	14	58	0	0
-----	---------------------	-----	----	----	---	---	----	----	----	----	---	---

Notes: There are pourable joint seal deck joints at both abutments. The deck joints have evidence of past leakage, depressed/missing joint material, bituminous patches and potholes over the joint (see Photos 32 and 33).

2310	<i>Leakage</i>	1.00	0.00	0.00	0.00	0.00	1.00	100.00	0.00	0
-------------	----------------	------	------	------	------	------	------	--------	------	---

Notes: There is evidence of past leakage through the joints with areas of efflorescence and rust stains along the abutment backwalls, seats and pedestals (see Photos 22, 26, 49 and 50).

2320	<i>Seal Adhesion</i>	11.00	0.00	0.00	0.00	0.00	11.00	100.00	0.00	0
-------------	----------------------	-------	------	------	------	------	-------	--------	------	---

Notes: The deck joints have depressed/missing joint material for full length and are filled with sand (see Photos 32 and 33).

2360	<i>Adjacent Deck or Header</i>	12.00	0.00	0.00	10.00	83.33	2.00	16.67	0.00	0
-------------	--------------------------------	-------	------	------	-------	-------	------	-------	------	---

Notes: The bituminous concrete wearing surface has a pothole which exposes the joint and a bituminous patch which covers the joint at the following locations:

At Abutment #1 – Adjacent to the north curb is a pothole which exposes the top of the deck and the joint (see Photo 32).

At Abutment #2 – Approximately 1.5' from the north curb is a 1' long x 2' wide cracked bituminous patch with minor edge potholes which covers the joint (see Photo 33).

321	Re Conc Approach Slab	Mod	230	sq.ft	230	100	0	0	0	0	0	0
------------	------------------------------	-----	------------	--------------	------------	------------	----------	----------	----------	----------	----------	----------

Notes: The reinforced concrete approach slabs are concealed from view and the rating is based on the condition of the approach pavements (see Photos 34, 35 and 36).

510	<i>Wearing Surfaces</i>	230.00	164.00	71.30	51.00	22.17	15.00	6.52	0.00	0
------------	-------------------------	--------	--------	-------	-------	-------	-------	------	------	---

Notes: The bituminous concrete approach pavement along both approaches has moderate wheel line rutting up to 1" deep, random areas of raveling up to 1/4" deep, light accumulation of sand, a few bituminous patches, an isolated pothole, and a few isolated cracks (see Photos 34 to 36). Additionally, the pavement surrounding a manhole along the south side of the west approach is depressed approximately 1" lower than the manhole (see Photo 34).

3210	<i>Del/Spall/Patch/Pot(Wear Surf)</i>	20	0	0	20	100	0	0	0	0
-------------	---------------------------------------	----	---	---	----	-----	---	---	---	---

Notes: The bituminous concrete approach pavement along the east approach has a few bituminous patches and an isolated pothole as follows:

At Abutment #2 – Approximately 4' from the south curb there is a 2.5' long x 5' wide bituminous patch with cracks and approximately 3' from the north curb there is a 6" long x 1.5' wide x 1/2" deep pothole (see Photos 16, 33, 35 and 36).

Approximately 3' from Abutment #2 – Approximately 1.5' from the south curb there is a 5' long x 5' wide bituminous patch, and approximately 1' from the north curb there is a 6' long x 5' wide bituminous patch (see Photos 35 and 36).

Approximately 16' from Abutment #2 – Approximately 3' from the south curb there is a 2' long x 1.5' wide bituminous patch.

3220	<i>Crack (Wearing Surface)</i>	46	0	0	31	67	15	33	0	0
-------------	--------------------------------	----	---	---	----	----	----	----	---	---

Notes: The bituminous concrete approach pavement along the east approach has a few isolated longitudinal cracks up to 3' long x 1/4" wide (see Photo 35).

At Abutment #2 – Approximately 4' from the south curb there are cracks up to 1/4" wide within a bituminous patch (see Photos 33 and 35).

8218	Backwall, All Types	Mod	30	ft	0	0	8	27	22	73	0	0
-------------	----------------------------	-----	-----------	-----------	----------	----------	----------	-----------	-----------	-----------	----------	----------

Notes: The reinforced concrete backwalls at both abutments have areas of efflorescence build-up and rust stains, areas of scaling and an isolated spall (see Photos 22, 25, 26, 40, 41, 42, 46, 49 and 50).

1080	<i>Delamination/Spall/Patched Area</i>	2.00	0.00	0.00	0.00	0.00	2.00	100.00	0.00	0
-------------	--	------	------	------	------	------	------	--------	------	---

Notes: The Abutment #2 backwall in Bay 'A', adjacent to Girder 'A', has a 2' wide x full height x up to 3" deep spall with punky concrete (see Photos 26, 40 and 50).

1120	<i>Efflorescence/Rust Staining</i>	11.00	0.00	0.00	8.00	72.73	3.00	27.27	0.00	0
-------------	------------------------------------	-------	------	------	------	-------	------	-------	------	---

Notes: The backwalls at both abutments have areas of moderate to heavy efflorescence build-up and rust stains (see Photos 22, 26, 49 and 50).

1111	<i>Scaling</i>	17.00	0.00	0.00	0.00	0.00	17.00	100.00	0.00	0
-------------	----------------	-------	------	------	------	------	-------	--------	------	---

Notes: The backwall at Abutment #1 has scaling up to full width x full height x 4" deep (see Photos 25, 41 and 49).

The backwall at Abutment #2 at the north face of Girder 'B' has scaling up to 1" deep (see Photo 42).

The backwall at Abutment #2 at the south end, adjacent to the wingwall, has a full width x full height x up to 2" deep area of scaling (up to 4-1/2" deep at the top; see Photo 46).

8107	Steel Opn Girder/Beam	Mod	20	ft	0	0	0	0	20	100	0	0
-------------	------------------------------	-----	-----------	-----------	----------	----------	----------	----------	-----------	------------	----------	----------

ENDS

Notes: The superstructure consists of two (2) steel girders labeled 'A' and 'B' from north to south (see Photo 10). The girder ends have several empty 7/8" diameter rivet holes in both flanges, areas of moderate to heavy rust, laminated rust with section loss, painted section loss and two (2) areas of distortion (see Photos 37 to 44). The webs have a maximum bearing area loss of 47.7% (Girder 'B' at Abutment #1) and shear loss of 13.35% (Girder 'B' at Abutment #1), both slightly increased since the previous inspection.

The girder ends bear on top of the pedestals at each abutment and are undermined due to spalls, resulting in a loss of bearing area (see Photos 27, 28, 29, 31 and 42).

Refer to the additional documents "059401-2025-04-10-Element-107-8107-Sketches.pdf" and "059401-2025-04-10-Section-Loss.pdf" for detailed descriptions and locations of deficiencies and section loss calculations.

515	Steel Protective Coating	100.00	75.00	75.00	0.00	0.00	0.00	0.00	25.00	25
------------	---------------------------------	--------	-------	-------	------	------	------	------	-------	----

Notes: The girder ends have a painted steel protective coating which has random areas of missing paint with moderate to heavy rust, laminated rust and section loss (see Photos 37 to 44).

3420	Peel/Bub/Crack(Stl Protect Coat)	100	75	75	0	0	0	0	25	25
-------------	---	-----	----	----	---	---	---	---	----	----

Notes: The girder ends have a painted steel protective coating which has random areas of missing paint with moderate to heavy rust, laminated rust and section loss (see Photos 37 to 44).

1000	Corrosion	15.00	0.00	0.00	0.00	0.00	15.00	100.00	0.00	0
-------------	------------------	-------	------	------	------	------	-------	--------	------	---

Notes: The girder ends have areas of moderate to heavy rust, minor to moderate laminated rust with section loss up to 6" long x full height x up to 1/4" deep in the webs (some painted over), and areas of section loss along the flanges up to 1.5' long x full width x down to 3/8" remaining (some painted over; see Photos 37 to 44).

The webs have a maximum bearing area loss of 47.7% (Girder 'B' at Abutment #1) and shear loss of 13.35% (Girder 'B' at Abutment #1), both slightly increased since the previous inspection.

Refer to the additional documents "059401-2025-04-10-Element-107-8107-Sketches.pdf" and "059401-2025-04-10-Section-Loss.pdf" for detailed descriptions and locations of deficiencies and section loss calculations.

1900	Distortion	5.00	0.00	0.00	0.00	0.00	5.00	100.00	0.00	0
-------------	-------------------	------	------	------	------	------	------	--------	------	---

Notes: The Girder 'A' web at Abutment #2 is out-of-plane up to 9/16" over 1' high to the south for 16' long and the bottom flange is up to 1/4" out-of-plane to the south for east half of the length (see Photo 38).

Refer to the additional documents "059401-2025-04-10-Element-107-8107-Sketches.pdf" and "059401-2025-04-10-Section-Loss.pdf" for detailed descriptions and locations of deficiencies and section loss calculations.

8370	Steel Diaphragms	Mod	5	each	0	0	0	0	5	100	0	0
-------------	-------------------------	-----	---	------	---	---	---	---	---	-----	---	---

Notes: There are three (3) intermediate steel cross frames in Bay 'A' and steel channel end diaphragms at both abutments.

The original steel channel end diaphragms were left in place at both abutments and are fully disconnected with heavy rust and section loss up to 100% (see Photos 49 and 50). The end diaphragms and cross frames have areas of light rust, areas of painted over section loss and rust holes (see Photos 49, 50, 60 and 61).

515	Steel Protective Coating	50.00	40.00	80.00	0.00	0.00	0.00	0.00	10.00	20
------------	---------------------------------	-------	-------	-------	------	------	------	------	-------	----

Notes: The end diaphragms and cross frames have a steel protective coating with areas of light of rust (see Photos 49, 50, 60 and 61).

3420	Peel/Bub/Crack(Stl Protect Coat)	10	0	0	0	0	0	0	10	100
-------------	---	----	---	---	---	---	---	---	----	-----

Notes: The end diaphragms and cross frames have a steel protective coating with areas of light of rust (see Photos 49, 50, 60 and 61).

1000	Corrosion	5.00	0.00	0.00	0.00	0.00	5.00	100.00	0.00	0
-------------	------------------	------	------	------	------	------	------	--------	------	---

Notes: The original steel channel end diaphragms are fully disconnected and have heavy rust with section loss up to 100% (see Photos 49 and 50). The end diaphragms and the cross frames have random areas of light rust and painted over section loss up to 1/16" deep (see Photos 49, 50, 60 and 61), and rust holes noted as follows:

Second Intermediate Cross Frame from Abutment #1:

At Girder 'A':

At the lower connection, the channel web has three (3) rust holes that measure 2" long x 4" high, 1" long x 1/2" high and 1/4" diameter and the edge of the bottom flange has up to 4" long x 1" wide area of 100% section loss (see Photo 60).

At the upper connection, the channel web has a 4" long x 4" high rust hole and the edge of the top flange has a 4" long x 1" wide rust hole (see Photo 60).

At Girder 'B':

At the lower connection, the channel web has a 6" long x 4" high rust hole and the edge of the bottom flange has a 6" long x 1" wide rust hole (see Photo 60).

Third Intermediate Cross Frame from Abutment #1:

At Girder 'A':

At the lower connection, the channel web has a 2" long x 1" high rust hole and the edge of the bottom flange has a 3" long x 1" wide rust hole (see Photo 61).

At Girder 'B':

At the lower connection, the channel web has two (2) rust holes that measure 5" long x 4" high and 3/4" long x 1/4" high and the edge of the bottom flange has a 7" long x 1" wide rust hole (see Photo 61).

8335	Guardrail, Vehicular	Mod	252	ft	209	83	30	12	13	5	0	0
Notes: The metal beam approach guardrails are continuous over the bridge along both sides. The guardrails attached to the bridge fasciae and have areas of light rust, bent/missing connection bolts, few backed off connection bolt nuts and isolated locations of impact damage (see Photos 51 to 59).												
515	Steel Protective Coating		504.00		454.00	90.08	0.00	0.00	0.00	0.00	50.00	10
Notes: The bridge guardrails and the approach guardrails have a galvanized protective coating with areas of fading/missing galvanizing with light rust (see Photos 51 and 53 to 57).												
3420	Peel/Bub/Crack(Stl Protect Coat)		50		0	0	0	0	0	0	50	100
Notes: The bridge guardrails and the approach guardrails have a galvanized protective coating with areas of fading/missing galvanizing with light rust (see Photos 51 and 53 to 57).												
1000	Corrosion		25.00		0.00	0.00	25.00	100.00	0.00	0.00	0.00	0
Notes: The guardrails over the bridge and along the approaches have areas of light rust (see Photos 51 and 53 to 57).												
1020	Connection		4.00		0.00	0.00	1.00	25.00	3.00	75.00	0.00	0
Notes: The bridge guardrails have random bent connection bolts (see Photo 52) and the south guardrail and the northwest approach guardrail have a missing connection bolt, a few backed off connection bolt nuts, and a disconnected post as follows:												
South Guardrail:												
At the first post from Abutment #1 – The center west connection bolt is missing and the center east connection bolt nut is backed off (see Photo 52).												
At the first post from Abutment #2 – The center west connection bolt nut is backed off.												
Northwest Approach Guardrail:												
At the west end – The guardrail is disconnected from the post (see Photo 58).												
7000	Damage		14.00		0.00	0.00	4.00	28.57	10.00	71.43	0.00	0
Notes: The bridge guardrails and the approach guardrails have minor scrapes and areas of minor impact damage up to 1/2" deep (see Photos 51 and 53 to 57). The guardrails have specific impact damage as follows:												
The approach guardrail at the northwest corner, near the bridge has an area of minor impact damage with a 2" long x 1" high tear (see Photo 56). At the west end is heavy impact damage up to 8' long with rail disconnected at the last post with a 3" diameter tear (see Photo 58).												
The approach guardrail at the northeast corner, approximately 10' from the bridge has the top of the guardrail is bent down 3" over 3' long (see Photo 57). At the seventh post from Abutment #2, the top of the guardrail is bent down 1" over 1' long with a 2" diameter punchout at the bottom of the guardrail (see Photo 59).												
8440	Posting Sign	Mod	2	each	2	100	0	0	0	0	0	0

Notes: There are at-bridge weight limit posting signs along the south side of both approaches. The posting sign at the southeast corner has some vine growth but is currently visible/legible (see Photos 7 and 8).

8398 Curb/sidewalks - Con Mod **71 ft** **43 61 24 34 4 6 0 0**

Notes: There are reinforced concrete curbs along both sides of the bridge which extend into both approaches. The curbs have areas of light scaling, a few spalls and hairline cracks (see Photos 51, 53, 62 and 66).

Average Curb Reveals: North = 7-1/2"; South = 6-1/2"

1080 Delamination/Spall/Patched Area 4.00 0.00 0.00 0.00 0.00 4.00 100.00 0.00 0

Notes: South Curb – At the west end is a 2" long x full height x 1/2" deep spall in the vertical face and approximately 2' from the west end is a 4" long x 2" wide x 1" deep spall along the top (see Photo 62).

North Curb – At the east end is a 1' long x 3" high x 3" wide x 1" deep spall (see Photo 66).

1130 Cracking (RC and Other) 10.00 0.00 0.00 10.00 100.00 0.00 0.00 0.00 0

Notes: The curbs have random vertical hairline cracks up to full height with some that extend the full width across the top (see Photos 51 and 53).

1111 Scaling 14.00 0.00 0.00 14.00 100.00 0.00 0.00 0.00 0

Notes: The curbs have areas of light scaling throughout (see Photos 51 and 53).

8427 Pro Screen Type2 Mod **71 ft** **61 86 10 14 0 0 0 0**

Notes: There are chain link fences along both sides of the bridge that have areas heavy growth of vines and areas of rust (see Photos 51 and 53).

1000 Corrosion 10.00 0.00 0.00 10.00 100.00 0.00 0.00 0.00 0

Notes: The fences along both sides have areas of light rust (see Photos 51 and 53).

8214 R/C Wingwall Mod **86 ft** **67 78 9 10 10 12 0 0**

Notes: There are reinforced concrete wingwalls at all four (4) corners of the bridge. The wingwalls have areas of heavy growth of vegetation, spalls with and without exposed rebar, an isolated hollow area, areas of scaling with and without exposed rebar and cracks with and without efflorescence and rust stains (see Photos 45 to 48).

Since the previous inspection, material testing consisting of half cell potential testing, chloride ion profile, compressive strength and petrographic analysis were performed on the Northwest and Northeast Wingwalls. The results of the testing can be found in the report located in the multimedia of the BrM. Note that as a result of the testing, 4" diameter unfilled core holes remain at both wingwalls (see Photos 47 and 48).

The footing for the Northwest Wingwall, adjacent to the abutment, is exposed up to 2' long (see Photo 47).

1080 Delamination/Spall/Patched Area 3.00 0.00 0.00 0.00 0.00 3.00 100.00 0.00 0

Notes: The Northwest Wingwall at the top adjacent to the abutment has isolated spalls up to 1/2" deep (see Photo 47).

The Northeast Wingwall at the abutment at mid-height, has a 28" long x full width x 3.5' high hollow area that is displaced from the wall up to 1/2" to the west with an adjacent to a crack with edge spalls up to 1/2" deep (see Photo 48).

1090 Exposed Rebar 4.00 0.00 0.00 0.00 0.00 4.00 100.00 0.00 0

Notes: The Southwest Wingwall has a full length x 2' high x 4" deep area of scaling with exposed rebar (see Photo 45).

The Northeast Wingwall at the top, adjacent to the abutment, has a 1' long x 2' high x 4" deep spall with exposed rebar (see Photo 48).

1120 Efflorescence/Rust Staining 4.00 0.00 0.00 3.00 75.00 1.00 25.00 0.00 0

Notes: The wingwalls have vertical hairline cracks with and without efflorescence and rust stains (see Photos 45 to 48).

1130 Cracking (RC and Other) 4.00 0.00 0.00 4.00 100.00 0.00 0.00 0.00 0

Notes: The wingwalls have vertical hairline cracks with and without efflorescence and rust stains (see Photos 45 to 48).

The Northeast Wingwall at the interface with the abutment, adjacent to the hollow area, has a full height x 1" wide vertical crack with edge spalls up to 1/2" deep (see Photo 48).

1190 Abrasion(PSC/RC) 30.00 30.00 100.00 0.00 0.00 0.00 0.00 0.00 0

Notes: The Northwest and Northeast Wingwalls have abrasion along the waterline up to 1/4" deep (see Photos 47 and 48).

1111 Scaling 4.00 0.00 0.00 2.00 50.00 2.00 50.00 0.00 0

Notes: The Southeast Wingwall has a 3' diameter x 1" deep area of scaling (see Photo 46).

The Northwest and Northeast Wingwalls have areas of light scaling (see Photos 47 and 48).

8441 Advanced Posting Sign Mod **1 each** **1 100 0 0 0 0 0 0**

Notes: There is one (1) advanced bridge weight limit posting sign in the west approach along the west side of San Antonio Way at the intersection of San Antonio Way and Grotto Avenue. The posting sign has no significant deficiencies (see Photo 9).

Load Rating Event

Event Name:	2022-11-28-4011	Load Rating Date (B.LR.03):	
Load Rater:	Jacobs	Reviewer:	RIDOT-CG
Software Used:	0 AASHTOWare BrR	Secondary Software:	
Load Rating Method (B.LR.04):	LRFR Load and Resistance Factor Ratin	Routine Permit Loads (B.LR.08):	
Description:	[7/6/22] Assigned as addedmum to SP/FC inspection due to age of rating and serious condition.		
Wearing Surface / Fill Depth:	4.00 inches	Category:	

Vehicle Name	Rating	Gross	Inventory (B.LR.05)	Operating (B.LR.06)	Controlling Legal (B.LR.07)	Location	Description
H_20	0.63	12.60					
HL-93 Operating	0.39	14.04		Opr			
HL-93 Inventory	0.30	10.80	Inv				
AASHTO Type 3	0.67	16.75					
AASHTO Type 3S2	0.69	24.84					
AASHTO Type 3-3	0.84	33.60					
AASHTO SU4 truck	0.56	15.12					
AASHTO SU5 truck	0.53	16.43					
AASHTO SU6 truck	0.48	16.68					
AASHTO SU7 truck	0.45	17.44					
FHWA Type EV2 emergency ve	0.58	16.68					
FHWA Type EV3 emergency ve	0.37	15.91					
RI_3	0.53	20.14					
RI_4	0.56	21.00					
RI_5	0.62	32.49					
RI_6	0.47	30.55					
RI_OP1	0.42	23.73					
RI_OP2	0.44	35.20					
RI_OP3	0.51	57.63					
RIPTA	0.78	16.22					
RI_OP4	0.42	35.28					
RI_5B	0.39	24.38					
RI_OP5	0.51	35.70					

Load Posting Status History


Posting Status Change Date (B.PS.02)	Open/Posted/Closed	Permanent/Temp/Supported	Load Posting Status (B.PS.01)
01/11/2019	Weight	Permanent	PP
12/17/2022	Weight	Permanent	PP

Cross Sections

Streambed Cross Sections

Orientation: Left View Offset: 0 Month/Year: 04/2025

Graph Line Settings

Name: Streambed Cross Section Color: #FF0000  Show in Graph: ☒
 Style: Solid Show in Legend When Graphed: ☒


General Information

Station Equation: Offset Remark: North Fascia
 Elevation Equation: Elevation Basis: Assumption
 Soundings/Elevations Indicator: Elevations Water Surface: -8.75
 Location of Base Measurement: Abut. #2, top of curb Bridge Inspection: 04/10/2025

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-9.67	East Abutment #2
0 + 6.25	-10.25	
0 + 12.5	-10.58	
0 + 17.5	-9.75	
0 + 25	-9	West Abutment #1

Orientation: Left View Offset: 0 Month/Year: 09/2024

Graph Line Settings

Name: Streambed Cross Section Color: #FF0000  Show in Graph: ☒
 Style: Solid Show in Legend When Graphed: ☒

General Information

Station Equation: Offset Remark: North Fascia
 Elevation Equation: Elevation Basis: Assumption
 Soundings/Elevations Indicator: Elevations Water Surface: -9.3
 Location of Base Measurement: Abut. #2, top of curb Bridge Inspection:

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-9.7	N. Abutment
0 + 6.25	-10	
0 + 12.5	-10.4	
0 + 17.5	-9.9	
0 + 25	-9.4	S. Abutment

Orientation: Left View Offset: 0 Month/Year: 10/2023

Graph Line Settings

Name: Streambed Cross Section Color: #FF0000  Show in Graph: ☒
 Style: Solid Show in Legend When Graphed: ☒

General Information

Station Equation: Offset Remark: North Fascia
 Elevation Equation: Elevation Basis: Assumption
 Soundings/Elevations Indicator: Elevations Water Surface: -8.8
 Location of Base Measurement: Top of North Curb Bridge Inspection:

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-9.7	
0 + 6.25	-9.94	
0 + 12.5	-10.29	
0 + 17.5	-8.9	
0 + 25	-8.6	

Orientation: Left View Offset: 0 Month/Year: 10/2022

Graph Line Settings

Name: Streambed Cross Section Color: #FF0000  Show in Graph: ☒
 Style: Solid Show in Legend When Graphed: ☒


General Information

Station Equation:	Offset Remark:	North Fascia
Elevation Equation:	Elevation Basis:	Assumption
Soundings/Elevations Indicator: Elevations	Water Surface:	-8.75
Location of Base Measurement:	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-9.33	
0 + 6.25	-10	
0 + 12.5	-10.167	
0 + 17.5	-8.75	Aggradation
0 + 25	-7.75	

Orientation: Left View Offset: 0 Month/Year: 10/2021

Graph Line Settings

Name:	Streambed Cross Section:	Color:	#FF0000		Show in Graph:	<input checked="" type="checkbox"/>
Style:	Solid				Show in Legend When Graphed:	<input checked="" type="checkbox"/>


General Information

Station Equation:	Offset Remark:	North Fascia
Elevation Equation:	Elevation Basis:	Assumption
Soundings/Elevations Indicator: Elevations	Water Surface:	-9.1
Location of Base Measurement: Abut. #2, top of curb	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-9.08	Abutment #2
0 + 5	-9.92	
0 + 10	-10.08	
0 + 15	-10.17	
0 + 20	-9.5	
0 + 25	-8.83	Abutment #1

Orientation: Left View Offset: 0 Month/Year: 12/2019

Graph Line Settings

Name:	Streambed Cross Section:	Color:	#FF0000		Show in Graph:	<input checked="" type="checkbox"/>
Style:	Solid				Show in Legend When Graphed:	<input checked="" type="checkbox"/>

General Information

Station Equation:	Offset Remark:	
Elevation Equation:	Elevation Basis:	Assumption
Soundings/Elevations Indicator: Elevations	Water Surface:	-8.8
Location of Base Measurement: Water Level	Bridge Inspection:	

Station	Sounding/Elevation (ft)	Remarks
0 + 0	-8.9	
0 + 5	-9.7	
0 + 10	-10.4	
0 + 15	-10.4	
0 + 20	-9.8	

Scour Potential Evaluation

Graph Line Settings

Orientation:Style:Show in Graph:

Offset:Name:Show in Legend When Graphed:

Month/Year:Color:

General Information

Q Frequency:Month of Evaluation:Elevation Basis:

Station Equation:Year of Evaluation:Offset Left:

Elevation Equation:Location of Base Measurement:Offset Right:

Details

Station	Pier	Contraction Scour (ft)	Pier Scour (ft)	Total Scour (ft)	Remarks
---------	------	------------------------	-----------------	------------------	---------

No records to display.

Structure Detail

Graph Line Settings

Orientation:Left ViewName:Structure DetailStyle:SolidColor:#00FF00

General Information

High Water Elevation:Elevation Equation:Location of Base Measurement:Abut. #2, top of curb

High Water Year:Station Direction:IncreasingBent Direction:Decreasing

Upstream Side:LeftStation Equation:Elevation Basis:Assumption

Downstream Side:RightSource:Field Survey

Details

Station	Reference Curb/Rail Elevation (ft)	Deck Elevation (ft)	Bottom Footing Elevation (ft)	Critical Pier Scour Depth (ft)	Pile Tip Elevation (ft)	Footing Type	Superstructure Thickness (ft)	Remarks
---------	--	------------------------	-------------------------------------	--------------------------------------	-------------------------------	--------------	----------------------------------	---------

0 + 0	0	0	-12			Spread Footing	3.9	Abut. #2
0 + 25	0	0	-12			Spread Footing	3.9	Abut. #1

Original Streambed Elevation

[SoundingElevationText](#)

Graph Line Settings

Orientation:Style:Show in Graph:

Name:Color:Show in Legend When Graphed:

General Information

Station Equation:Original Month:

Elevation Equation:Original Year:

Elevation Basis:Source:

Location of Base Measurement:Soundings/Elevations Indicator:

Details

Station	Sounding/Elevation (ft)	Remarks
---------	-------------------------	---------

No records to display.

Scour Resistant Layer

Graph Line Settings

Name:Show in Graph:

Style:Color:Show in Legend When Graphed:

General Information

Elevation Equation:Offset Left:Rock Layer Description:

Elevation Basis:Offset Right:Remark:

Station Equation:

Details

Station	Elevation (ft)
---------	----------------

No records to display.

Inspection Details

Summary

Inspection Completion Date (B.IE.03):2025-04-10Inspector:DONTULA, SURESH

Date Entered:2025-05-09Entered by:BENN, DEREK

QA Date (B.IE.08):

QC Date (B.IE.09):

Inspection Data Update Date (B.IE.10):

Inspection Needs

NSTM Inspection Required (B.IR.01):Y NSTM inspection required

Fatigue Details (B.IR.02):Y E/E' details are present

Complex Features (B.IE.04):Bridge does not have complex fe

Schedule

Inspection Type	Required for Bridge	Inspection Being Performed (B.IE.01)	Inspector	Most Recent Inspection Date	Interval Method (B.IE.07)	Interval (months) (B.IE.05)	Inspection Due Date (B.IE.06)	Inspection Assignment Name	Inspection Assignment Group
Damage	<input type="checkbox"/>	<input type="checkbox"/>							
In-Depth	<input type="checkbox"/>	<input type="checkbox"/>							
Initial	<input type="checkbox"/>	<input type="checkbox"/>							
Load Rating	<input type="checkbox"/>	<input type="checkbox"/>							
NSTM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	1 Method 1	12	4/10/2026		
Routine	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	1 Method 1	24	4/10/2027		
Scour Monitoring	<input type="checkbox"/>	<input type="checkbox"/>							
Special	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	BENN, DEREK	4/10/2025	2 Method 2	6	10/10/2025	FC1 2025	ATANE
Underwater	<input type="checkbox"/>	<input type="checkbox"/>							
Unplanned Routine	<input type="checkbox"/>	<input type="checkbox"/>							
Unplanned Special	<input type="checkbox"/>	<input type="checkbox"/>							

Review Information					7668619FCB62424090722FABB4F0EBBD
Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date		Days Remaining for Review
1	QUINLAN, MATTHEW	5/14/2025			34

Work History & Needs

Work History

Year Work Performed (B.W.02)	Work Performed (B.W.03)	Description
------------------------------	-------------------------	-------------

Work Candidates

2023-10-13		Agency Assigned	
BE80D36-F9E2-110923-9C3CF68119 - Bearing Pedestal Repair			
Date Recommended:	2023-10-13	Contact / User:	
Priority:	High	Target Year:	2024
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Unknown
Description:	[BL] The abutment pedestals exhibit spalls which undermine the beams. 1 CY.		
Estimated Quantity:	1	Unit Cost:	Estimated Cost: 0.00
Date Completed:		Federal Funds:	Final Cost:
BE80D36-F9E2-110923-DE9A7D3327 - Steel Repairs			
Date Recommended:	2023-10-13	Contact / User:	
Priority:	High	Target Year:	2024
Number of Locations:		Structure Unit:	0
Date Reviewed:		Source:	Inspector Recommended
Assigned:	No	Assignment:	Unknown
Description:	[BL] The beams and beam ends exhibit areas of section loss. 40 LF.		
Estimated Quantity:	40	Unit Cost:	Estimated Cost: 185,360.00
Date Completed:		Federal Funds:	Final Cost:

Review Information

Step	Reviewer	Completed Date	Completed # of Days Since Inspection Begin Date	Days Remaining for Review
------	----------	----------------	---	---------------------------

Procedures & Equipment

Procedures

IsCompleted	Name	Details
-------------	------	---------

Procedure Notes

NSTM Procedures: During this inspection, the “Bridge Description” section of the NSTM procedures document has been requested to be updated to incorporate informatio

Equipment

Equipment Name	Code	Hours
----------------	------	-------

NSTM

A01 Ladder	A01	
A05 Waders	A05	

Routine

A01 Ladder	A01	
A05 Waders	A05	

Special

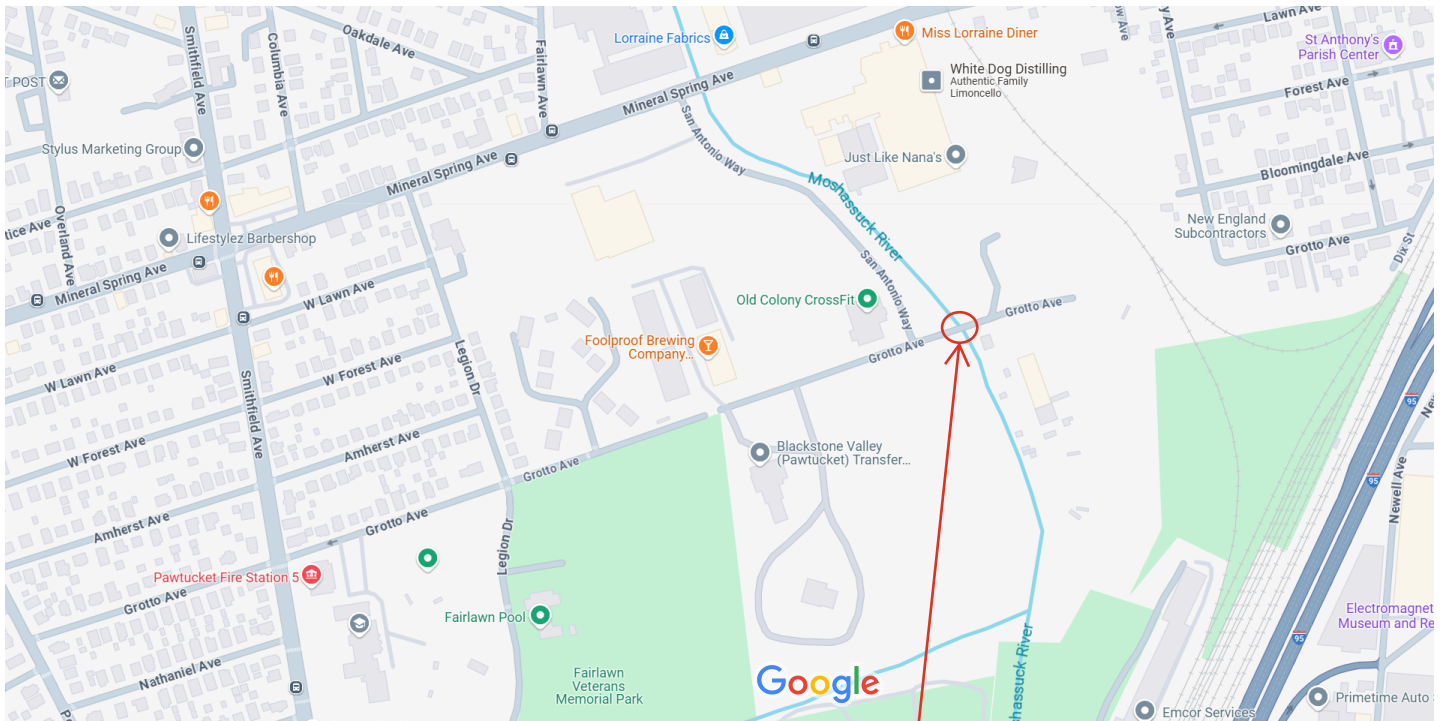
A05 Waders	A05	
A01 Ladder	A01	

Equipment Notes

Equipment Used: Waders and ladder.

Appendix E

Grotto Ave Bridge #59401 Location Plan



Map data ©2025 Google 200 ft

Grotto Ave Bridge over the Moshassuck River