



June 13, 2025

To All Bidders:

Subject: **Bid #: 8453-J6, Sewer Rehabilitation (S25-2) / DPWP**

ADDENDUM NO. 1

To Whom It May Concern:

With reference to our bid request relative to the above subject, please refer to the changes/modifications/clarifications to the original request.

SPECIFICATIONS

PROPOSAL - BID ITEM SHEET

1. DELETE PROPOSAL - BID ITEM SHEET (Page P-1 to P-4) in its entirety and REPLACE with PROPOSAL - BID ITEM SHEET (Page P-1R to P-4R) attached. See Attachment A of this addendum.

GENERAL SPECIFICATIONS

1. Page F-1, SECTION I – LOCATION AND WORK TO BE DONE, DELETE the following bullet:
“1,094 linear feet of structural cured-in-place pipe
68 vertical feet of epoxy lining and exterior sealing of manholes”

And REPLACE with:

“862 linear feet of structural cured-in-place pipe
58 vertical feet of epoxy lining and exterior sealing of manholes”

SUPPLEMENT TO STANDARD SPECIFICATIONS

1. DELETE SUPPLEMENT TO SPECIAL PROVISIONS (Page G-2 to G-15) in its entirety and REPLACE with SUPPLEMENT TO SPECIAL PROVISIONS (Page G-2R to G-15R) attached. See Attachment B of this addendum.

SECTION 01014 – SCOPE AND SEQUENCE OF WORK

1. Section 01014 – SCOPE AND SEQUENCE OF WORK, DELETE:
“1,094 linear feet of structural cured-in-place pipe
68 vertical feet of epoxy lining and exterior sealing of manholes”



And REPLACE with:

“862 linear feet of structural cured-in-place pipe
58 vertical feet of epoxy lining and exterior sealing of manholes”

PLANS

SHEET C101 – PLANS AND TABLES

1. DELETE Sheet C101 in its entirety and REPLACE with sheet C101R

END OF ADDENDUM

Bidders are requested to acknowledge and/or include this addendum with submission. All other terms, conditions and specifications remain unchanged.

Very truly yours

Jerry Kucera
Buyer

ATTACHMENTS

Attachment A – Specification “Proposal - Bid Item Sheet”
Attachment B – SUPPLEMENT TO SPECIAL PROVISIONS (Page G-3R to G-23R)
Attachment C – C101R

PROPOSAL

**BID ITEMS
for
Bid No. 8453-J6
Contract No. S25-2**

ITEM NUMBER	DESCRIPTION	ESTIMATE OF QUANTITIES	COMPUTED TOTALS
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THE BIDDER MUST FILL IN THESE UNIT OR LUMP SUM PRICES. The BIDDER should also carry out all extensions and fill in "Computed Totals"

(In case of error or discrepancies, UNIT OR LUMP SUM PRICES govern, and written words take precedence over figures)

**BASE BID
(ITEMS 270, 700 THROUGH 707, and Item 900)**

EARTHWORK

Item 270 Rodent Control, lump sum

	Dollars		
and	Cents	1 LS	\$
(\$)		

CROSS BORE

Item 700 Water Cross Bore Removal, each location

	Dollars		
and	Cents	1 EA	\$
(\$)		

STRUCTURAL CURED-IN-PLACE PIPE

Item 701 Structural Cured-in-Place Pipe for 40x60-inch Sewers,
per linear foot

	Dollars		
and	Cents	862 LF	\$
(\$)		

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for
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MANHOLE REHABILITATION

Item 702	Epoxy Lining and Exterior Sealing of Sewer Manholes, per vertical foot		
		Dollars	
		and Cents	58 VF \$
		(\$)	

Item 703	Epoxy Lining and Exterior Sealing of Sewer Structure, per structure		
		Dollars	
		and Cents	1 structure \$
		(\$)	

SERVICE CONNECTION REHABILITATION

Item 704	Epoxy Grout Reinstated Service Connections, per each service		
		Dollars	
		and Cents	38 EA \$
		(\$)	

Item 705	Cut Protruding Service Connections, per each service		
		Dollars	
		and Cents	2 EA \$
		(\$)	

PROPOSAL

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for
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Contract No. S25-2**

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THE BIDDER MUST FILL IN THESE UNIT OR LUMP SUM PRICES. The BIDDER should also carry out all extensions and fill in "Computed Totals"

(In case of error or discrepancies, UNIT OR LUMP SUM PRICES govern, and written words take precedence over figures)

TEMPORARY BYPASS PUMPING

Item 706 Temporary bypass pumping, lump sum

	Dollars		
and	Cents	1 LS	\$
(\$)		

MOBILIZATION

Item 707 Mobilization, lump sum
(not more than 5% of total of items 270 and 700 through 706)

	Dollars		
and	Cents	1 LS	\$
(\$)		

CITY USE

Item 900 Lump Sum Reserved for City Use, lump sum

One Hundred and Thirty Thousand	Dollars		
and Zero	Cents	1 LS	\$ 130,000
(\$ 130,000)		

TOTAL BID PRICE FOR WORK INCLUDING CONTINGENCY

The computed contract price for all Items 270, 700 through 707, and Item 900 inclusive is:

_____ DOLLARS
(AMOUNT IN WORDS)

AND _____ CENTS \$ _____
(AMOUNT IN FIGURES)

NUMBER OF CALENDAR DAYS TO COMPLETE PROJECT 90
(EXCLUDING RE-TEST INSPECTION)

THIS PROPOSAL IS BASED ON PROVISIONS OF THE FOLLOWING ADDENDA:

No. _____ No. _____

No. _____ No. _____

SUPPLEMENT TO SPECIAL PROVISIONS (ON PAGES E1 TO E3)

SPECIAL PROVISIONS

In addition to Special Provisions located on pages E1 through E3, the Specifications shall be amended and supplemented by the following:

1. Water for Construction Purposes

- A. In locations where water is in sufficient supply, the Contractor may be allowed to use water without charge for jetting backfill and other construction purposes. The express approval of the Owner shall be obtained before water is used. Waste of water by the Contractor shall be sufficient cause for withdrawing the privilege of unrestricted use.
- B. If no water is available, the Contractor shall supply water at no additional cost to the Owner.

2. Hauling, Handling and Storage of Materials

- A. The Contractor shall, at their own expense, handle and haul all materials furnished by them and shall remove any of their surplus materials at the completion of the work.
- B. The Contractor shall provide suitable and adequate storage for equipment and materials furnished by them that are liable to injury and shall be responsible for any loss of or damage to any equipment or materials by theft, breakage, or otherwise.
- C. All excavated materials and equipment to be incorporated in the Work shall be placed so as not to injure any part of the Work or existing facilities and so that free access can be had at all times to all parts of the Work and to all public utility installations in the vicinity of the work. Materials and equipment shall be kept neatly piled and compactly stored in such location as will cause a minimum of inconvenience to public travel and adjoining owners, tenants and occupants.
- D. The Contractor shall be responsible for all damages to the work under construction during their progress and until final completion and acceptance even though partial payments have been made under the Contract.

3. Easements

- A. As indicated on the drawings, a portion of the work is located in easements obtained by the Owner. The Contractor has no rights outside of the easements unless they are obtained from the property owner.
- B. Contractor shall schedule work so that they will cause minimum inconvenience and nuisance to abutting property owners, over the shortest possible time.
- C. Easements shall be kept clean; no rubbish or discarded construction materials shall be

allowed to accumulate. Storage of excess construction materials, including soil, ledge, equipment, or machinery on easements will not be allowed.

- D. Restoration of fences, shrubs, trees and grass, both natural and artificial, shall be completed promptly following completion of the work in an easement, to minimize disruption and inconvenience to property owners.
- E. Unless approved by the Engineer, the use of easements for ease of access to and egress from other areas of the project will not be permitted.

4. Maintenance of Traffic

- A. Unless permission to close the street is received in writing from the proper authority, all excavated materials and equipment shall be placed so that vehicular and pedestrian traffic may be safely maintained at all times.
- B. Should the Chief of Police deem it necessary, uniformed officers will be assigned to direct traffic. The Contractor shall make all arrangements in obtaining uniformed officers required.
- C. The Contractor shall at their own expense, as directed by the Police Traffic Control/Safety Officer, provide and erect acceptable barricades, barrier fences, traffic signs, and all other traffic devices not specifically covered in a bid item, to protect the work from traffic, pedestrians, and animals. The Contractor shall provide sufficient temporary lighting such as lanterns/flashers (electric battery operated) or other approved illuminated traffic signs and devices to afford adequate protection to the traveling public, at no additional cost to the Owner. See Section 01552 CONSTRUCTION ZONE SAFETY PLAN.
- D. The Contractor shall furnish all construction signs that are deemed necessary by and in accordance with Part VI of the Manual on Uniform Traffic Control Devices as published by the U.S. Department of Transportation. In addition, the Contractor may be required to furnish up to 128 square feet of additional special construction warning signs. Size and exact wording of signs shall be determined by the Engineer during construction.
- E. The intent of policing is to ensure public safety by direction of traffic. Police officers are not to serve as watchmen to protect the Contractor's equipment and materials.
- F. Nothing contained herein shall be construed as relieving the Contractor of any of their responsibilities for protection of persons and property under the terms of the Contract.

5. Care, Protection, and Security of Property

- A. The Contractor shall be responsible for the preservation of all public and private property, and shall use every precaution necessary to prevent damage thereto. If any direct or indirect damage is done to public or private property by or on account of any

act, omission, neglect, or misconduct in the execution of the work on the part of the Contractor, such property shall be promptly restored by the Contractor, at their expense, to a condition similar or equal to that existing before the damage was done, to the satisfaction of the Engineer.

- B. The Contract shall provide security for the private property with temporary by-pass pumping during the entire duration of the temporary by-pass. Once the temporary by-pass pumping is not required, the Contractor shall notify the owner and/or contact person of the private property. The private property shall be secured and left in the original condition prior to the temporary by-pass. If any damages or trespassing occurs at the private property during the temporary by-pass, the Engineer is to be notified immediately. The Contractor is responsible for all property damage encountered during the temporary by-pass.

6. Protection and Relocation of Existing Structures and Utilities

- A. All existing buildings, utilities, pipes, poles, wires fences, curbing, property line markers and other structures which the Engineer decides must be preserved in place without being temporarily or permanently relocated, shall be carefully supported and protected from damage by the contractor. Should such property be damaged, it shall be restored by the Contractor, at no additional cost to the Owner.
- B. The Contractor shall determine the location of all underground structures and utilities (including existing water services, drain lines, electrical lines, and sewers). Services to buildings shall be maintained, and all costs or charges resulting from damage thereto shall be paid by Contractor.
- C. On paved surfaces the Contractor shall not use or operate tractors, bulldozers, or other power-operated equipment with treads or wheels which are shaped so as to cut or otherwise damage such surfaces.
- D. All property damaged by the Contractor's operations shall be restored to a condition at least equal to that in which it was found immediately before work was begun. Suitable materials and methods shall be used for such restoration.
- E. Restoration of existing property and structures shall be carried out as promptly as practicable and shall not be left until the end of the construction period.

7. Maintenance of Flow

- A. The Contractor shall, at their own cost, provide for the flow of sewers and drains interrupted during the progress of the work and shall immediately cart away and dispose of all offensive matter. The entire procedure of maintaining existing flow shall be fully discussed with the Engineer well in advance of the interruption of any flow.
- B. All existing drainage facilities including, but not limited to; brooks, streams, canals, channels, ditches, culverts, catch basins and drainage piping shall be adequately

safeguarded so as not to impede drainage or to cause siltation of downstream areas in any manner whatsoever. If the Contractor damages or impairs any of the aforesaid drainage facilities, they shall repair the same within the same day.

- C. At the conclusion of the work, the Contractor shall remove all silt in drainage structures caused by their operations as described in Section 01740, CLEANING UP.

8. Rejected Materials and Defective Work

- A. Materials furnished by the Contractor and condemned by the Engineer as unsuitable or not in conformity with the specifications shall forthwith be removed from the work by the Contractor, and shall not be made use of elsewhere in the work.
- B. Any errors, defects or omissions in the execution of the work or in the materials furnished by the Contractor, even though they may have been passed or overlooked or have appeared after the completion of the work, discovered at any time before the final payment is made hereunder, shall be forthwith rectified and made good by and at the expense of the Contractor and in a manner satisfactory to the Engineer.
- C. The Contractor shall reimburse the Owner for any expense, losses or damages incurred in consequence of any defect, error, omission or act of the Contractor or their employees, as determined by the Engineer, occurring previous to the final payment.

9. Sanitary Regulations

Sanitary conveniences for the use of all persons employed on the work, properly screened from public observation, shall be provided in sufficient numbers in such manner and at such locations as may be approved. The contents shall be removed and disposed of in a satisfactory manner as the occasion requires. The Contractor shall rigorously prohibit the committing of nuisances within, on or about the work. Any employees found violating these provisions shall be discharged and not again employed on the work without the written consent of the Engineer. The sanitary conveniences specified above shall be the obligation and responsibility of the Contractor.

10. Safety and Health Regulations

This project is subject to the Safety and Health regulations of the U.S. Department of Labor set forth in 29 CFR, Part 1926, and to the Massachusetts Department of Labor and Industries, Division of Industrial Safety "Rules and Regulations for the Prevention of Accidents in Construction Operations (454 CMR 10.0 et. seq.)." Contractors shall be familiar with the requirements of these regulations.

11. Site Investigation

The Contractor acknowledges that they have satisfied himself as to the conditions existing at the site of the work, the type of equipment required to perform this work, the quality and quantity of the materials furnished insofar as this information is reasonably ascertainable

from an inspection of the site, as well as from information presented by the drawings and specifications made a part of this contract. Any failure of the Contractor to acquaint himself with available information will not relieve them from the responsibility for estimating properly the difficulty or cost of successfully performing the work. The Owner assumes no responsibility for any conclusion or interpretation made by the Contractor on the basis of the information made available by the Owner.

12. Weather Protection

In conformance with Sections 44F and 44G of Chapter 149 of the General Laws of Massachusetts, the General Contractor shall install weather protection and shall furnish adequate heat in the area so protected during the months of November through March. Standards for such specifications shall be established by the Director of Building Construction in the Executive Office for Administration and Finance.

13. Electric Service

- A. The Contractor shall make all necessary applications and arrangements and pay for all fees and charges for electrical energy for power and light necessary for the proper completion of this contract during their entire progress. The Contractor shall provide and pay for all temporary wiring, switches, connections, and meters.
- B. There shall be sufficient electric lighting so that all work may be done in a workmanlike manner where there is not sufficient daylight.

14. Hazardous Waste

Should the Contractor, while performing work under this contract, uncover hazardous materials, as defined in Massachusetts Hazardous Waste Regulations 310 CMR 30.00, they shall immediately notify the Engineer. The Contractor is not, and has no authority to act as, a handler, generator, operator or disposer of hazardous or toxic substances found or identified at the site, and the Owner shall undertake all such functions.

15. Dimensions of Existing Structures

Where the dimensions and locations of existing structures are of critical importance in the installation or connections of new work, the Contractor shall verify such dimensions and locations in the field before the fabrication of any material or equipment which is dependent on the correctness of such information.

16. Occupying Private Property

The Contractor shall not enter upon nor occupy with men, equipment or materials any property outside of the public roadways or Owner's easements, except with the written consent of the property owner or property owner's agent.

17. Coordination of Work

The General Contractor shall be responsible for coordinating their own work as well as that of any subcontractors. They shall be responsible for notification of the Engineer when each phase of work is expected to begin and the approximate completion date.

18. Access Points for Cured-in-Place Pipe Inversions

A schedule listing the access point locations, area of excavation, depth of excavation, and dates of access with work hours shall be submitted to the Engineer prior to the cured-in-place pipe rehabilitation work beginning. Once the access point is not required, the Contractor shall notify the Engineer.

19. Maintenance of Trench Surface

After backfilling and compacting the trench, the Contractor shall be responsible for keeping the ground surface dry and passable at all times until the surface has been restored to original conditions.

20. Compliance with Permits

The Contractor shall perform all work in conformance with requirements of the Permits, which appear in Section 00890 - PERMITS.

21. Contractor's Representative

Contractor shall designate a representative who will be available to respond to emergency calls by the Owner at any time day and night and on weekends and holidays should such a situation arise.

22. Construction Crews

The Contractor shall not increase the number of construction crews assigned to the work without providing one week advance notice to the Engineer.

23. Massachusetts Data Security Regulations

The Contractor is required to comply with data security regulations contained in 201 CMR 17.00 that have been established to safeguard personal information of Massachusetts residents contained in paper or electronic records. The Contractor shall not submit to the Engineer or Owner documents in paper or electronic form that contain personal information (person's name combined with one or more of the following – Social Security Number, driver's license number or state-issued identification card number, financial institution account number, or credit or debit card number). Any document submitted to the Engineer that violates this provision shall be returned to the Contractor and the Contractor shall remove personal information from the document prior to resubmitting it to the Engineer. The Contractor shall require each Subcontractor to also comply with the MA data security

regulations insofar as they involve submittal of personal information to the Engineer and Owner.

24. Bidder Certification – OSHA Training

- A. As of July 1, 2006, all employees who work on Massachusetts public works construction sites, on projects estimated to cost more than \$10,000, must have no less than ten (10) hours of OSHA-approved safety and health training.
- B. This law will apply to any bid submitted on or after July 1, 2006 and to any contract awarded on or after July 1, 2006. This law directs the Massachusetts Attorney General to restrain award of the construction contracts to any contractor who is in violation of this requirement and to restrain the performance of these contracts by non-complying contractors.
- C. Noncompliance with this law will disqualify contractors from bidding on public contracts.

25. Winter Work

- A. The Owner will allow the Contractor to work within the public ways on this Project during the winter months.
- B. The Contractor will be required to backfill all excavations at the end of each work day, or place Jersey barriers around open excavations.
- C. The Owner has agreed to provide snow removal services on all public ways affected by this Project. The Owner will not remove snow from the Contractor's work area that the public will not be using for either driving or pedestrian activity.
- D. The Contractor will provide snow removal services on any public way affected by their work that has been authorized by the Owner to be closed to through traffic. Snow will be plowed in accordance with the Owner's normal plowing schedule for the closed public ways.
- E. In no event will the Owner remove snow on any private way affected by the Contractor's work on this Project. The Contractor may coordinate snow removal activities with whoever provides these services for the owners of the private way(s).

26. Nighttime/Weekend Work

- A. Construction activity shall be restricted to a normal 8-hour day, 5-day week between the hours of 7:00 a.m. and 5:00 p.m., Monday through Friday, except when required due to high traffic areas or vicinity to schools or other sensitive buildings. Continuous work for CIPP lining may extend beyond work hours; however, no new work shall be started after 4:00 p.m. unless authorized by the Owner and approved by the Engineer in advance.

- B. No construction work shall be allowed on Saturdays, Sundays or Holidays without written authorization from the Owner and approval of the Engineer. The compensation of detail officers and the Engineer for work approved outside of the limitations aforementioned shall be the responsibility of the Contractor and shall be at no additional cost to the Owner.

MEASUREMENT AND PAYMENT

Measurement and Payment shall be as specified in the City of Worcester's Standard Specifications and Detail Section with exception of the following items:

1.01 GENERAL:

- A. All work performed as described in these contract documents will be paid for under one or more of the items listed in the BID ITEM SHEET. All other activities required in connection with performance of the work, including all work required under this Contract, whether described in the contract documents or mandated by applicable codes, permits and laws, will not be separately paid for unless specifically provided for in the BID ITEM SHEET, but will be considered incidental to performance of the overall project.
- B. Each unit or lump-sum price stated in the BID ITEM SHEET shall constitute full compensation as herein specified for each item of work completed in accordance with the drawings and specifications.
- C. The payment items listed herein and in the BID ITEM SHEET are intended to provide full payment for the work shown on the drawings and specified herein. Any work called for or implied in the documents but not listed as a payment item shall be considered incidental to the overall project.
- D. Unless otherwise noted, each item shall be furnished and installed in accordance with the technical section whether a specific applicable payment item exists or not.

1.02 RODENT CONTROL

- A. The work for this item shall constitute full compensation to the Contractor for rodent control and be measured as lump sum.
- B. The work shall be paid for at the contract unit bid price under Item 270.

1.03 CROSS BORE:

- A. Water Cross Bore Removal:
 - 1. The work of this item shall be measured per each location of water cross bore removed.
 - 2. The contract unit price per location to be paid shall constitute full compensation for supplying all material, labor, tools, and equipment required to remove the water cross bore, seal/grout the connections, and abandonment of the existing inactive water service as indicated in drawings and specified Section 02443, SERVICE CONNECTION REHABILITATION.

3. Any corresponding excavation, backfill, and surface restoration, as needed, shall be considered incidental to the work under this item and shall not be measured separately for payment.
4. The work shall be paid for at the contract unit price under Item 700.

1.04 STRUCTURAL CURED-IN-PLACE PIPE:

A. General:

1. The work of this item shall be measured at the contract unit price bid per linear foot of structural cured-in-place pipe installed from edge of manhole to edge of manhole.
2. Measurement, including all material, labor, tools and equipment shall be based on the actual length of pipes lined as determined by the Engineer. Structural Cured-In-Place Pipe shall be installed as specified in Section 02428, CURED-IN-PLACE PIPE.
3. Locating active and inactive service connections and television inspection in conjunction with investigation shall be considered incidental to the work and shall not be measured separately for payment.
4. Repairing the pipe invert in accordance with specification Section 02428, CURED-IN-PLACE PIPE shall be considered incidental to the work and shall not be measured separately for payment.
5. Reinstatement of active service connections shall be considered incidental to the work and shall not be measured separately for payment.
6. Inspecting and epoxy grouting of reinstated service connections shall be measured per service and paid for at the contract unit bid price under Items 704.
7. Television inspection (pre and post inspection) and cleaning of sewer lines associated with the installation of structural cured-in-place pipe shall be considered incidental to the work and shall not be measured separately for payment.
8. Flushing/dyed water testing for active/inactive service connections in conjunction with the television inspection of sewer lines associated with the installation of structural cured-in-place pipe shall be considered incidental to the work and shall not be measured separately for payment.
9. Excavation of an access point and restoring it to its original condition after the installation of the cured-in-place liner shall be considered incidental to the work and shall not be measured separately for payment. If the access point is at a manhole, the manhole shall be replaced as specified in the Worcester Standard

Specifications and Details. Manhole replacement at an access point shall be considered incidental to the work and shall not be measured separately for payment.

10. The work shall be paid for at the contract unit bid price under Items 701.

B. Ten percent of the payment for Items 701 “Structural Cured-in-Place Pipe” shall be withheld until the pipeline rehabilitation has been satisfactorily completed and passed field testing/inspection(s) as specified in Section 02428, CURED-IN-PLACE PIPE.

1.05 MANHOLE REHABILITATION:

A. Epoxy Lining and Exterior Sealing of Sewer Manholes

1. The work of this item shall be measured at the contract unit price bid per vertical foot of manhole lined.
2. Measurement shall be based on the actual vertical footage of manhole lined and shall constitute full compensation for supplying all material, labor, tools, and equipment required to line the manhole as specified in Section 02435, SEWER MANHOLE REHABILITATION. No additional payment shall be made for material sprayed in the manhole invert or manhole frame.
3. Cementitious lining prior to Epoxy lining shall be considered incidental to the work and shall not be measured separately for payment.
4. Cleaning and plugging or sealing of active leaks in the manhole structure prior to lining, invert sealing, and exterior sealing shall be considered incidental to the work and will not be measured separately for payment.
5. The work under this section shall be paid at the contract unit bid price under Item 702.

B. Epoxy Lining and Exterior Sealing of Sewer Structures

1. The work of this item shall be measured at the contract unit price bid per structure lined.
2. Measurement shall be based on the per structure lined and shall constitute full compensation for supplying all material, labor, tools, and equipment required to line the structure as specified in Section 02435, SEWER MANHOLE REHABILITATION. No additional payment shall be made for material sprayed in the invert or frame.
3. Cleaning and plugging or sealing of active leaks in the structure prior to lining, invert sealing, and exterior sealing shall be considered incidental to the work and will not be measured separately for payment.

4. The work under this section shall be paid at the contract unit bid price under Items 703.
- C. Sealing of Manhole Inverts:
1. The work of this item shall be incidental and shall include all necessary materials, labor, tools, and equipment required to seal the manhole inverts as specified in Section 02435, SEWER MANHOLE REHABILITATION.
- D. Manholes Exterior Sealing:
1. The work of this item shall be incidental and shall include all necessary materials, labor, tools, and equipment required to seal the manhole exterior as specified in Section 02435, SEWER MANHOLE REHABILITATION.
- E. Ten percent of the payment for the subdivision of the item "Manhole Rehabilitation" shall be withheld until the manhole rehabilitations have satisfactorily completed and passed field testing/inspection(s) as specified in Section 02435, SEWER MANHOLE REHABILITATION.

1.06 SERVICE CONNECTION REHABILITATION:

- A. Epoxy Grout Reinstated Service Connections:
1. The work of this item shall be measured per each service epoxy grouted.
 2. The contract unit price per service epoxy grouted to be paid shall constitute full compensation for supplying all material, labor, tools, and equipment required to grout services as specified in Section 02443, SERVICE CONNECTION REHABILITATION.
 3. The work shall be paid for at the contract unit bid price under Item 704.
- B. Cutting Protruding Service Connections:
1. The work of this item shall be measured per each protruding service connection cut.
 2. The contract unit price per service to be paid shall constitute full compensation for supplying all material, labor, tools, and equipment required to cut the protruding service connection as specified in Section 02443, SERVICE CONNECTION REHABILITATION.
 3. Bypass pumping and plugging or blocking of sewer flow shall be considered incidental to the work and shall not be measured separately for payment.

4. Television inspection of cut service connections shall be considered incidental to the work and shall not be measured separately for payment.
5. The work shall be paid for at the contract unit price under Item 705.

1.07 TEMPORARY BYPASS PUMPING:

- A. Handling existing sewage flows (temporary bypass pumping) shall be in accordance with Section 01535, TEMPORARY BYPASS PUMPING SYSTEM, and Section 01575, HANDLING EXISTING FLOWS including providing, installing, bypass piping trenching, including excavation, backfill, bedding, select material, clearing, crushed stone, grubbing, testing, and removing all required equipment, piping, pumping, restoration of the ground surface, including gravel sub-base, temporary and permanent pavement replacement, and all work incidental thereto and not specifically included for payment under other items as required.
- B. Partially or fully removal of a manhole and restoring it to its original condition after the installation of the temporary bypass pumping system shall be considered incidental to the work and shall not be measured separately for payment. The manhole shall be replaced as specified in the Worcester Standard Specifications.
- C. The work shall be measured and paid per lump sum at the contract unit price under Item 706.

1.08 MOBILIZATION:

- A. The lump sum for this item shall constitute full compensation to the Contractor for the general mobilization necessary to make the contract operational, exclusive of the cost of materials.
- B. The total for mobilization to be paid at the lump sum price under Item 707 shall not exceed five (5) percent of the total of Items 270, and 700 through 706.

1.09 ENVIRONMENTAL PROTECTION:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.10 DUST CONTROL:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.11 SIGNAGE:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.12 REMOVAL AND RESETTING OF EXISTING FENCES:

The work of this section shall not be separately measured for payment but shall be considered incidental to the project.

1.13 RESTORATION OF LAWNS AND CROSS-COUNTRY AREAS:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.14 DOCUMENTATION:

All documentation, as described in Specification Section 01331, DOCUMENTATION, to be provided to the Owner shall not be separately measured for payment but shall be considered incidental to the project.

1.15 WARRANTY INSPECTION:

All warranty inspections and related work shall not be separately measured for payment but shall be considered incidental to the project.

1.16 CONSTRUCTION ZONE SAFETY PLAN:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.17 PAVEMENT REPLACEMENT:

The work of this section shall not be separately measured for payment, but shall be considered incidental to the project.

1.18 PRICE ADJUSTMENTS MANDATED BY MGL CHAPTER 30, SECTION 38A:

Price adjustments for certain payment items shall be as described in Specification Section 01250 PRICE ADJUSTMENTS. Payment shall be made at the unit prices included in BID ITEM SHEET or, if no such items are contained in BID ITEM SHEET, by change order.



1. CONTRACTOR SHALL VERIFY ALL ACTIVE SERVICE CONNECTION LOCATIONS DURING INITIAL TELEVISION INSPECTION WITH DYE TESTING. SERVICE CONNECTION LOCATIONS WERE OBTAINED FROM AVAILABLE TELEVISION INSPECTIONS AND MAY NOT BE ACCURATE.
2. SEVERAL MANHOLE DEPTHS WERE OBTAINED FROM AVAILABLE RECORD INFORMATION.
3. SERVICE CONNECTION STATION LOCATIONS BEGIN FROM UPSTREAM MANHOLE TO DOWNSTREAM MANHOLE, UNLESS OTHERWISE NOTED.
4. CONTRACTOR MAY ELECT TO BYPASS AND DIVERT FLOWS INTO THE MILLBROOK OVERFLOW COLLECTOR VIA THE 54-IN DRAIN PIPES. CONTRACTOR SHALL SUBMIT A FLOW DIVERSION PLAN FOR APPROVAL PRIOR TO ANY DIVERSION OF FLOWS.
5. UNLESS OTHERWISE INDICATED, THE CONTRACTOR SHALL ASSUME CHIMNEY, CONE, AND MANHOLE WALL DIAMETERS ARE 24-INCHES AND MANHOLE FRAME OPENINGS ARE 21-INCHES.

EPOXY LINING AND EXTERIOR SEALING OF SEWER STRUCTURE

MH	STREET/LOCATION	MATERIAL	APPROX. STRUCTURE DIMENSION (FT)
SS07174 ⁽¹⁾	LAUREL STREET	BRICK	6' 8" H X 4' 8" W X 9' L
TOTAL (EA) = 1			

NOTES

1. RECORD DRAWING OF THE STRUCTURE IS ATTACHED, SEE SHEET C502

EPOXY LINING AND EXTERIOR SEALING OF SEWER MANHOLES

MH	STREET/LOCATION	MATERIAL	APPROX. MH DEPTH (VF)
SS01470	EVERETT GAYLORD BOULEVARD	BRICK	10.6
SS01964	EVERETT GAYLORD BOULEVARD	BRICK	13.2
SS00695	LAUREL STREET	BRICK	11.8
SS07499	LAUREL STREET	BRICK	12.5
SS01559	SUMMER STREET	BRICK	10.3

APPROX. TOTAL (VF) = 58.4

NOTES

1. CONTRACTOR SHALL PERFORM CEMENTITIOUS LINING PRIOR TO EPOXY LINING AT NO ADDITIONAL COST TO THE OWNER.

STRUCTURAL CURED-IN-PLACE PIPE						
ASSET ID	MH	TO MH	STREET/LOCATION	PIPE DIA (IN)	MATERIAL	APPROXIMATE MH TO MH
						LENGTH (LF)
SM04114	SS01964	SS01470	EVERETT GAYLORD BOULEVARD	40x60	BRK	180 0+24, 0+29, 0+55, 0+61, 0+65, 0+67, 0+76, 0+88, 1+09, 1+32, 1+38, 1+54, 1+55
SM09249	SS01470	SS07499	EVERETT GAYLORD BOULEVARD	40x60	BRK	338 0+24, 0+34, 0+45, 0+50, 0+60, 0+92, 0+97, 1+47, 1+48, 1+75, 1+78, 1+94, 2+09, 2+37, 2+42, 2+93
SM09671	SS07499	SS00695	LAUREL STREET	40x60	BRK	182 0+65, 1+21, 1+43
SM05247	SS00695	SS07174	LAUREL STREET	40x60	BRK	120 0+40, 0+47, 0+87, 1+03
SM07415	SS07174	SS01559	SUMMER STREET	40x60	BRK	42 0+31, 0+34
APPROX. TOTAL (LF) = 862						APPROX. TOTAL NUMBER OF SERVICES = 38

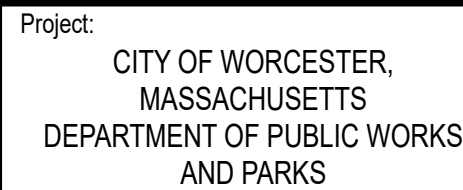
CUT PROTRUDING SERVICE CONNECTION

ASSET ID	MH	TO MH	STREET/LOCATION	PIPE DIA (IN)	MATERIAL	APPROXIMATE MH TO MH LENGTH (LF)	CUT PROTRUDING SVC. (APPROX. STA)
SM09249	SS01470	SS07499	EVERETT GAYLORD BOULEVARD	40x60	BRICK	338	0+24, 2+37
							APPROX. TOTAL (EA) = 2

WATER CROSS BORE REMOVAL

ASSET ID	MH	TO MH	STREET/LOCATION	PIPE DIA. (IN)	MATERIAL	APPROX. MH TO MH LENGTH (LF)	APPROX. UPSTREAM MH DEPTH (VF)	APPROX. DOWNSTREAM MH DEPTH (VF)	WATER SERVICE CROSSING APPROX. STATION	WATER PIPE DIA. (IN)	WATER PIPE MATERIAL	APPROX. WATER SERVICE DEPTH (FT)
SM04114	SS01964	SS01470	EVERETT GAYLORD BOULEVARD	40x60	BRK	180	13.2	10.6	0+11	8	UNK	8.5

TOTAL WATER CROSS BORE REMOVAL (EA) = 1



VARIOUS STREETS 2024
SEWER REHABILITATION PROJECT
CONTRACT S25-2

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Seal:



Issued For:

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CONSTRUCTION

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Date: JUNE 2025

Drawn By: ZSO

Reviewed By: KDK

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