

**Addendum No. 2
to the Bidding Documents**

**Walnut Street Retaining Wall Repairs
NA-2026-004
City of North Adams
North Adams, MA**

Issued July 20, 2026

Under the provisions of Article 7 of Section 00200, Instructions to Bidders, Bidders are informed that the Bidding Documents for the above mentioned Project are modified, corrected, and/or supplemented as follows. Addendum No. 2 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number on Page 00410-UP-18, Article 5.2 Bid form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Project Manual Changes

Item 1-1 Section 00410 – Bid Form

Delete the words "Item 904.4 4000 PSI, ¾ Inch, 585 HP Cement Concrete" and **replace** them with the words "904. 4000 PSI, ¾ Inch, 610 Cement Concrete."

Item 1-2 Section 01321 – Color Audio-Video Documentation Survey

Delete Section 01321 in its entirety and **replace** it with the attached Section 01321, Color Audio-Video Documentation Survey.

Item 1-3 Special Provisions

Delete Item 904.4 of the Special Provisions and **replace** it with the attached Item 904. Special Provision.

Drawing Changes

Item 1-4 Sheet G-102 – General Notes 1

Delete Pre-Construction Condition Surveys Notes in their entirety and **replace** them with the notes below:

1. Complete a pre- and post-construction condition survey of house #369, #365, #357, and #353 prior to construction. Refer to Section 01321 for requirements.
2. A pre- and post-construction condition survey report shall be prepared for each structure and shall document the existing condition of the structure via a narrated color video that is supplemented with still color photographs as required.
3. Each pre-construction condition survey report shall include a structure location map and shall describe in detail the existing conditions observed, including but not limited to location and extent

of cracks, spalls, the operation of windows and doors, settlement, corrosion, deterioration, and other deficiencies as appropriate.

Item 1-5 Sheet C-501 – Construction Details 1: Walnut Street and Oak Avenue Typical Section

Delete the words "1.5" Superpave Surface Course – 9.5 (SSC-9.5)" and **replace** them with the words "1.5" Superpave Surface Course – 12.5 (SSC-12.5)."

Bidding Period Questions & Responses

The following responses/clarifications are based on questions raised during the bidding period.

1. Item 904.4 is not found on the MassDOT Qualified Construction Materials List (QCML) for 2026 Approved Cement Concrete Producer Mix Designs. MassDOT discontinued all 4,000 HP Mixes on the list. Can the Bidder use an alternate 4,000 Mix Design for bidding purposes?
Item 904.4 4000 PSI, ¾ Inch, 585 HP Cement Concrete has been replaced with Item 904. 4000 PSI, ¾ Inch, 610 Cement Concrete in the Bid Form and Special Provisions. MassDOT QCML requirement will remain for Item 904.
2. Could you give us an approximate start date. We see that the Completion date is August 1, 2027 but I cannot find any mention of when the project begins.
Start date will be when Owner issues Notice to Proceed to Contractor, following signed Agreement. Agreement shall be signed within 15 days of the Notice of Award.
3. Drawing G-102 requires PE Stamped pre-construction surveys on all "structures/utilites" within 200' of the work. Do "structures" in "structures/utilities" mean manholes and catch basins or are you referring to the twenty (+/-) houses, garages, etc surrounding the project. What item should the costs for these pre-construction surveys be covered under? Are post-construction surveys of the same structures required?
See Drawing note revisions above. Post-construction survey will be required. Pre- and post-construction survey cost is incidental to construction as noted in Section 01270.

END OF ADDENDUM NO. 2

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SECTION 01321

COLOR AUDIO-VIDEO DOCUMENTATION SURVEY

PART 1 GENERAL

1.1 SUMMARY

A. Section Includes

1. Pre- and post-construction color video recording of existing surface features.

1.2 DEFINITIONS

- A. Zone of Influence is defined as any area within the immediate construction site which may be affected by equipment traffic, material stock piles, temporary staging areas including a minimum 200 feet along each side of adjoining streets to the construction site.

1.3 SUBMITTALS

A. Informational Submittals

1. Submit audio-video recording of preconstruction areas in the manner described in this section. Do not commence with construction activities until the recordings are submitted and approved.
2. Video documentation must occur within 6 months prior to the start of work on the subject street. If video documentation is more than 6 months prior to the start of work, these areas or streets must be videoed again prior to commencement of work in that area or street, and submitted to the Engineer.

1.4 QUALITY ASSURANCE

- A. Personnel shall have at least 3 years experience actively engaged in color audio-video recording documentation and survey projects.
- B. Documentation shall be performed during times of good visibility when there is no precipitation or snow cover. The Owner is not responsible for the removal of snow, leaves, debris or parked vehicles.

PART 2 PRODUCTS

2.1 FORMAT

- A. Audio-video recording shall be in digital versatile/video disc (DVD) format. Video output from camera(s) used must be capable of producing NTSC-500 lines. Resolution in the Y channel, minimum 500 TV lines at center. Geometric Distortion shall not exceed 2% of picture height at any point in picture area.

2.2 RECORDING INFORMATION

- A. The audio-video recording shall have the potential to convey 1 video track and 1 audio track. The video and audio tracks shall be recorded simultaneously as original live recordings and shall not be copies of other audio or video recordings. These recordings shall consist of a fixed elevation video record of the Zone of Influence of construction, House #369, #365, #357, #353, and the commentary of the videographer making the video record.
- B. Video recordings shall, by electronic means, display continuously and simultaneously generated transparent digital information to include the date and time of recording, the

engineering stationing corresponding to the stationing on the Drawings or as directed by the Engineer, the name of the street, easement or building being documented, the project name, direction of travel and the viewing side. The date and time shall appear in the upper left hand corner of the picture -- example:

Time 8:35:15

Date 9/20/79

- C. The project name, name of street or easement, house or building number, engineering stationing, direction of travel and viewing side shall appear on the lower half of the screen -- example:

N. on First St. W/E

84+20

PART 3 EXECUTION

3.1 CONSTRUCTION AUDIO-VIDEO PROCEDURES

- A. Perform audio-video documentation as follows:
1. Prior to the start of on-site construction activities to depict pre-construction conditions
 2. After construction to record post construction conditions.
- B. Audio-video documentation shall commence on Walnut Street at Station 0+00 and proceed to 100 feet beyond the end of the proposed retaining wall, viewing side to side. Documentation shall also record Oak Avenue at Station 100+00 and proceed to 50 feet on both sides of the intersection with State Street, viewing side to side.
- C. Coverage shall include, but not be limited to, the entire roadway, existing driveways, sidewalks, curbs, ditches, streets (including condition of paving for full width), intersections, landscaping, trees, culverts, catch basins, head walls, fences, mailboxes, retaining walls, visible utilities located within the Zone of Influence. It shall include conditions survey of House #369, #365, #357, and #353. Include existing faults, fractures, defects or other imperfections exhibited by the above-mentioned surface features.
- D. Houses and buildings shall be identified visually by house or building number, when possible, in such manner that the progress of the taping and proposed construction areas may be located by reference to the houses and buildings.
- E. Recordings produced under this Contract shall be turned over to the Engineer on an every other day basis so the Owner may review and monitor quality and progress. Any portion of the recording coverage deemed unacceptable by the Owner or Engineer shall be re-recorded at no additional cost to the Owner.
- F. DVDs and cases shall be properly identified by recording number, location, project name, and become the property of the Owner. A record of the contents of each DVD shall be supplied by a run sheet identifying each segment in the tape by location, i.e., roll number, street or easement viewing, disc time, viewing side, starting point, traveling direction and ending point.

END OF SECTION

ITEM 904.**4000 PSI, ¾ INCH, 610 CEMENT CONCRETE****CY**

This Item shall consist of furnishing all labor, materials, equipment, formwork, curing, protection, and incidentals required to construct the reinforced concrete retaining wall complete in place as shown on the Drawings and specified herein.

No operation shall commence until all labor, materials, equipment, and services necessary to maintain continuous and uninterrupted progress of the Work are available.

Reference Standards

The following standards, latest edition unless otherwise noted, shall govern:

- A. MassDOT Standard Specifications for Highways and Bridges (2023)
- B. ACI 301 – Specifications for Structural Concrete
- C. ACI 305R – Hot Weather Concreting
- D. ACI 306R – Cold Weather Concreting
- E. ACI 308.1 – Guide to External Curing of Concrete
- F. ACI 318 – Building Code Requirements for Structural Concrete
- G. OSHA 29 CFR 1926

Where conflicts exist, the more stringent requirement shall govern.

Submittals

- A. Concrete Placement Plan
 - 1. Plan shall include placement sequence, construction joint locations, concrete delivery methods, vibration methods, formwork details, access plans, and contingency procedures.
 - 2. Formwork design and drawings shall be stamped by a Massachusetts Registered Professional Engineer.
- B. Concrete Curing Plan in accordance with ACI 308.1.
- C. Hot weather concrete protection and curing details in conformance with ACI 305R.
- D. Cold weather concrete protection and curing details in conformance with ACI 306R.
- E. Concrete Mix Design
 - 1. Mix design shall include cement type and content, water-cement ratio, aggregate gradation, slump, air content, admixtures, and strength history data.

Materials

Materials shall meet the requirements specified below and relevant Subsections of Division II: Construction Details and Division III, Materials Specifications of the MassDOT Standard Specifications for Highways and Bridges (2023).

CONCRETE:

All concrete shall meet the requirements of MassDOT Standard Section 901: Cement Concrete Item 904. 4,000 psi, ¾-inch, 610 Cement Concrete. All concrete shall be from an approved supplier and manufacturer listed on the Massachusetts Department of Transportation QCML (Qualified Construction Materials List). All concrete constituents shall be in accordance with MassDOT Section M4: Cement and Cement Concrete Materials. Calcium chloride admixtures shall not be permitted.

FORMWORK:

Formwork shall conform to ACI 347. Forms shall maintain true alignment and grade, resist placement pressures, and prevent distortion or movement. Form ties shall be recessed a minimum of 1 inch from exposed surfaces. Tie holes shall be filled with non-shrink mortar.

Execution

Concrete Placement:

Concrete placement shall conform to MassDOT Section 901 and ACI requirements.

Concrete shall not be placed on frozen surfaces, in standing water, or during unsuitable weather conditions. Concrete shall be placed continuously between construction joints whenever practicable.

Mechanical vibration shall be used to consolidate concrete and eliminate voids.

Forms shall not be removed until both of the following conditions are satisfied:

- A. A minimum of 7 days has elapsed since concrete placement, and
- B. The concrete has achieved at least 80% of the specified design compressive strength.

Concrete elements shall not be loaded until both of the following conditions are satisfied:

- A. A minimum of 28 days has elapsed since concrete placement, and
- B. The concrete has achieved 100% of the specified design compressive strength.

Construction joints shall be located at approved locations only. All joint surfaces shall be cleaned, roughened, and free of debris. Water stops shall be installed at all construction joints unless approved by the Engineer.

Field Quality Control

The Contractor shall provide the following testing and inspection in conformance with ACI 318:

- A. Slump tests
- B. Air content tests
- C. Concrete temperature measurements
- D. Compressive testing at 7, 14, and 28-day intervals.

All field and laboratory testing results shall be submitted to the Engineer for record.

The Contractor shall be responsible for continuous monitoring and recording of concrete temperature during batching, delivery, placement, and curing operations.

Concrete temperature at the time of placement shall be measured for each truckload and shall comply with applicable requirements of ACI 305R (Hot Weather Concreting) and ACI 306R (Cold Weather Concreting), as applicable.

The Contractor shall maintain a written temperature log for all placements and shall submit records to the Engineer upon request. Concrete outside of specified temperature limits shall be rejected or subject to corrective measures as directed by the Engineer.

Method of Measurement

4000 PSI, $\frac{3}{4}$ " 610 Cement Concrete will be measured for payment on a per CUBIC YARD basis.

Basis of Payment

Concrete will be paid for at the Contract unit price, which price shall include all labor, materials, equipment, and incidental costs required to complete the work.
