

**Addendum No. 1
to the Bidding Documents**

**Brandon Road Proposed Superstructure Replacement
Town of Dudley
Dudley, MA**

Issued April 23, 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. 1 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number on Page 00410-4, Article 5.2 of the Bid form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

General

Item 1-1 Pre-Bid Attendance Sheet and Agenda

The Pre-Bid Attendance Sheet and meeting Agenda has been attached to this addendum.

Project Manual Changes

Item 1-2 Section 00410 - Bid Form

Remove Specification Section 00410 in its entirety and **replace** it with the attached Specification Section 00410, Bid Form.

Item 1-3 Section 00800 - Supplementary Conditions

Add the SDO MBE/WBE Requirements to Attachments to Supplementary Conditions, Specification Section 00800.

Delete Article 6 of Specification Section 00800 in its entirety and **replace** with the revised article below:

ARTICLE 6 - BONDS AND INSURANCE

SC-6.03 Add the following new paragraph immediately after paragraph 6.03B.3:

6.03B.4 Insurance certificate(s) shall also contain the following:

1. Confirmation that the General Liability policy covers only the Work under this Contract, with project specific limits.
2. Confirmation that automobile insurance covers all Scheduled, Hired and Non-Owned vehicles.
3. Names of all additional insureds as specified herein.

SC-6.03 Add the words “and Paragraph 6.04” after the words “Paragraph 6.03” in Paragraph 6.03I.

SC 6.03 Add the following new paragraph immediately after Paragraph 6.03.J:

6.03.K The limits of liability for the insurance required by Paragraph 6.03 of the General Conditions shall provide coverage for not less than the following amounts or greater where required by Laws and Regulations:

1. Workers' Compensation, and related coverages under Paragraphs 6.03.A.1 and A.2 of the General Conditions:

State:	Statutory

Employer's Liability:

Bodily injury, each accident	Statutory
Bodily injury by disease, each employee	Statutory
Bodily injury/disease aggregate	Statutory

2. Contractor's Commercial General Liability under Paragraphs 6.03.B and 6.03.C of the General Conditions:

General Aggregate	\$ 2,000,000
Products - Completed Operations Aggregate	\$ 2,000,000
Personal and Advertising Injury Each Occurrence	\$ 1,000,000
(Bodily Injury and Property Damage)	\$ 1,000,000

3. Automobile Liability under Paragraph 6.03.D. of the General Conditions for all owned vehicles, all employer non-owned vehicles and all leased vehicles:

Bodily Injury:

Each person	\$
Each accident	\$

Property Damage:

Each accident	\$
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[or]

Combined Single Limit of	\$ 1,000,000
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4. Excess or Umbrella Liability:

Per Occurrence	\$ 2,000,000
General Aggregate	\$ 1,000,000

5. Contractor's Pollution Liability:

Each Occurrence	\$ 1,000,000
General Aggregate	\$ 2,000,000

If box is checked, Contractor is not required to provide Contractor's Pollution Liability insurance under this Contract

6. Additional Insureds: In addition to Owner and Engineer, include as additional insureds the following: NA

7. Contractor's Professional Liability: NA

Each Claim	\$ _____
Annual Aggregate	\$ _____

SC-6.04 Delete paragraph 6.04 in its entirety and insert the following in its place:

6.04 Not used.

SC -6.05 Delete Section 6.05 in its entirety and insert the following in its place:

6.05 Not used.

SC-6.05 Add the following new subparagraph after subparagraph 6.05.A.1:

6.05.A.1.a In addition to Owner, Contractor, and all Subcontractors, include as insureds the following:

1) Tighe & Bond Inc. (53 Southampton Road , Westfield, MA 01085)

SC-6.05 Add the following to the list of items in Paragraph 6.05.A, as numbered items:

6.05.A.14. include, in addition to the Contract Price amount, the value of the following equipment and materials to be installed by the Contractor but furnished by the Owner or third parties:

a. Acrow Truss - \$270,000

Drawing Changes

Item 1-4 Drawings, Sheet 5 of 17 - Site Plan

Remove Project Drawings, Sheet 5 of 17 in its entirety and **replace** it with the attached Drawing Sheet 5.

Item 1-5 Drawings, Sheet 8 of 17 - Bridge Notes

Remove Project Drawings, Sheet 8 of 17 in its entirety and **replace** it with the attached Drawing Sheet 8.

Item 1-6 Drawings, Sheet 17 of 17 - Guardrail Transition & Utility Bearer Details

Remove Project Drawings, Sheet 17 of 17 in its entirety and **replace** it with the attached Drawing Sheet 17.

Pre-Bid and Bidding Period Questions & Responses

The following responses/clarifications are based on questions raised during the pre-bid meeting conducted on April 16, 2026, and the bidding period. A list of attendees at the April 16, 2026 pre-bid meeting is attached.

1. What are the insurance requirements for this project?
Please see Item 1-3 above for an updated Section 00800, Article 6, which includes insurance requirements for this project.
2. Article 7 "Attachments to this Bid" item H., references MBE/WBE participation forms (pg. 00410-6). Will there be any MBE/WBE participation goals associated with this project? If so, can you please provide the goal percentage?
Yes, MBE/WBE participation goals are required. The goal percentages can be found in Section 00200 Article 27 of the Project Manual. Please see Item 1-3 above for an updated Section 00800 with the added attachment of MBE/WBE participation forms.
3. Will the Contractor be responsible for procuring bridge components from ACROW (bearings, bolts, bearing pads)? Are the keeper angles and anchor bolts for bearings to be supplied by the Contractor?
The Town has procured all components that will comprise the ACROW 700XS Series superstructure. The installation contractor shall furnish and install the following items: bearing pads (if required by manufacturer), keeper angles, anchor bolts, utility hanger and all associated components (threaded support rods, threaded intermediate rods, crossbars, spacer tubes, and hardware).
4. Will ACROW be providing rollers/materials required for launching the bridge?
Materials required for launching the bridge are not included. If rollers or launching materials are required per the contractor's means and methods, the installation contractor may rent these items from ACROW.
5. Has the Aggregate anti-skid epoxy coating (dwgs. pg. 3 of 17) on the ACROW deck panel surface been factory applied or is this coating to be field applied by the Contractor?
The panels are used and have the anti-skid epoxy coating applied already.
6. Will the installation contractor be responsible for moving the utilities themselves?

Please see Item 1-6 above for a newly issued drawing sheet which details the proposed sequencing for the utility relocation as well as which parties take ownership for each stage.

7. Will the installation contractor be responsible for providing the utility bracket and/or the utility hanger hardware that is shown on the drawings (attached to the "utility bearer" dwgs. pg. 17 of 17)?
The utility bearer will be provided by ACROW, but the utility hanger hardware and all associated components (detailed in the response to question 3 above) shall be furnished and installed by the installation contractor.

8. Is there an engineer's quantity estimate available for the various items of work?
An engineer's estimate of quantities is issued as an attachment to this addendum.

This document is being made available as informational only. Tighe & Bond is not guaranteeing final quantities and that responsibility is still up to the Contractor to verify. The Contractor is responsible for providing the necessary quantities of all materials required to perform the work as outlined in the project documents.

This document only summarizes the engineer's estimate of quantities associated with major activities for the project. Tighe & Bond acknowledges that additional materials will be required to perform the work that is not presented herein and it is the responsibility of the Contractor to provide such materials to perform the work at no additional cost above their base bid.

The bid form (00410) still governs the Contractor's bid which shall be a single lump sum price that will cover all project work. No individual break out of items shall be listed on the Contractor's submitted bid.

9. Should the allowances in the bid form (price adjustments for HMA, gas, steel, etc.) be added to the base bid for the contract?
Please see Item 1-2 above for an updated bid form.

END OF ADDENDUM NO. 1

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ATTENDANCE SHEET

Brandon Road over Mill Race, Proposed Superstructure Replacement

Pre-Bid Conference

Location: 71 West Main Street, Dudley, MA

Date: April 16, 2026 at 10:00 a.m.

	Name	Company	G.C.? (yes or no)	Address	Phone & Fax	Email
1.	Anthony MESITI	John Rocchio Corp	yes		P: 401-525-1793 F:	AnthonyMESITI@JohnRocchioCorp.com
2.	Rachana Seege	New England Infrastructure	yes	Hudson MA 01752	P: 425-512-5994 F:	rseege@neinfrastructure.com
3.	Sam Hills	E.T. & L. Corp	yes		P: 978-897-4353 F:	shills@etlcorp.com
4.	Dylan Felty	Tighe & Bond	No		P: F:	dfelty@tighebond.com
5.	Jonathan Ruda	Town of Dudley	No		P: F:	townadmin@dudleyma.com
6.	MJ Gatzke	Town of Dudley	No		P: F:	highway@dudleyma.com
7.					P: F:	
8.					P: F:	

Brandon Road Over Mill Race, Proposed Superstructure Replacement Town of Dudley

LOCATION: 71 WEST MAIN STREET, DUDLEY, MA

DATE: APRIL 16, 2026

START TIME: 10:00 AM

1. Introductions

- a. Owner and Engineer Introductions
- b. Sign-in Sheet

2. Project Description:

- a. Modification to existing abutments, re-establishment of approaches and roadside barrier, accommodation of existing utilities, and collection and installation of proposed modular truss.

3. Project Coordination/Work Constraints

- a. The road will remain closed to traffic.
- b. Access to the Webster Public Works Sewer Treatment Plant located at 38 Hill Street, Webster, MA, must be maintained.
- c. Existing utility conduits will remain in service throughout construction.
- d. Review requirements of Section 01140, Work Restrictions.
 - i. Contractor to request latest available information from the Massachusetts Department of Transportation (MassDOT) for the Brandon Road over French River bridge and assess the suitability of the bridge to support the Contractor's construction operations.
- e. Review requirements of Section 01310, Coordination, for detailed coordination requirements and sequence of construction guidelines.
- f. Final Chapter 85 to be obtained by the Town. Contractor to contract with Acrow to perform final inspection and certification of the bridge (refer to Specification Section 02000, Special Provision 995.1)
- g. Engineer design and stamped documents:
 - i. Contractor to submit for consideration an erection plan for the truss, designed and stamped by a professional engineer licensed in the Commonwealth of Massachusetts.

4. Preparation of Bid

- a. Refer to Section 00200, Instructions to Bidders.
- b. Submit 1 copy of complete Bid package (Section 00410 & other forms).
- c. Bid Security
- d. Other required forms include:
 - i. Evidence of Authority to sign
 - ii. List of project references

PRE-BID CONFERENCE AGENDA

- iii. Evidence of authority to do business in Massachusetts
- iv. List of adversarial proceedings in which the bidder was a party within the past 5 years (see Specification Section 00410 7.1.E for more detail)
- v. List of projects in which the firm was terminated for failed to complete the work in the last 5 years (see Specification Section 00410 7.1.F for more detail)
- vi. Evidence of Bidder's qualifications
- vii. MBE/WBE participation forms
- viii. List of subcontractors
- e. Written questions must be received at least 5 business days prior to bid opening or the questions may not be answered.
- f. Addenda will be issued at least 3 business days prior to Bid opening.

5. Bidder Qualifications

- a. MassDOT prequalification in "Bridge Construction"

6. Bid Opening: April 30, 2026 at 2:00 p.m. at 71 West Main Street, Dudley, MA 01571

- a. Bids are subject to acceptance for 30 days or for such longer period of time that Bidder may agree to in writing upon request of Owner.

7. Contract Times (Section 00520, Agreement)

- a. Substantial Completion: 90 days after Notice to Proceed
 - i. Liquidated Damages: \$1,000 per day
- b. Ready for Final Payment: 120 days after Notice to Proceed
 - i. Liquidated Damages: \$1,500 per day
- c. Milestone: Completion of work to the value of \$360,000 by June 30, 2026 and invoiced. Anticipated to include the following work: mobilization, bonds and insurance, submittals, temporary fence, erosion controls, clearing and grubbing, site facilities, remove curb, remove guardrail, traffic controls, protection of existing facilities, excavation, concrete demolition, partial cast-in-place concrete abutment modifications, and collection of truss components.
 - i. Liquidated Damages: Contractor shall pay Owner half the difference between the financial milestone and the value of work completed and invoiced by June 30, 2026 if the value of work is less than the financial milestone. Based on a notice to proceed date no later than May 15, 2026. If Notice to Proceed is issued after May 15, 2026, the amount of the liquidated damages shall be reduced on a prorated basis based on the actual Notice to Proceed date.

8. Permits (Section 00800, Supplementary Conditions)

- a. Conservation Commission Order of Conditions

9. Working Hours (Section 01140, Work Restrictions)

- a. Conduct work during weekdays, between the hours of 7:00 a.m. and 5:00 p.m. No equipment or machinery may be started at the site before 8:00 a.m. and all equipment must be shut off by 4:00 p.m.
- b. No work on official Owner holidays except under extenuating circumstances approved by the Owner.

PRE-BID CONFERENCE AGENDA

- c. Extended hours and work on Saturdays will require permission from the Owner in writing. This is not guaranteed, but will be considered on a case by case basis.

10. Materials/Work Furnished by Owner

- a. Acrow Modular Truss
 - i. Stored at DPW Facility, 7 Indian Road, Dudley, MA.

11. Progress Payments (Section 00520, Agreement)

- a. Monthly payments: 5% retainage withheld
- b. Substantial Completion: reduce to 1% retainage or the Engineer's estimate of the value of work to be completed or corrected as shown on the punch list
- c. Contractor to submit weekly certified payroll to the Owner, copy the Engineer.

12. Final Payment (Section 00700, General Conditions, Article 15.06)

- a. Contractor submits final Application for Payment, including:
 - i. Documentation required by Contract Documents, including evidence of insurance
 - ii. Consent of surety to final payment
 - iii. List of unsettled claims against Owner & Contractor
 - iv. Release of Liens
- b. Waiver of Claims

13. Correction Period (Section 00700, General Conditions, Article 15.08)

- a. 1 year after Substantial Completion.

SECTION 00410

FORM FOR GENERAL BID

PROJECT IDENTIFICATION:

Brandon Road over Mill Race, Proposed Superstructure Replacement

TABLE OF ARTICLES

1. Bid Recipient
2. Bidder's Acknowledgements
3. Bidder's Representations
4. Bidder's Certifications
5. Basis of Bid
6. Time of Completion
7. Attachments to This Bid
8. Bid Submittal

ARTICLE 1 BID RECIPIENT

- 1.1 This Bid is submitted to:

Town of Dudley
71 West Main Street
Dudley, MA 01571

- 1.2 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2 BIDDER'S ACKNOWLEDGEMENTS

- 2.1 Bidder accepts all of the terms and conditions of the Advertisement for Bids and Instructions to Bidders, including without limitation, those dealing with the disposition of Bid deposit. The Bid will remain subject to acceptance for 30 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.
- 2.2 The Work under this Contract shall be subject to the provisions of Chapter 30, Subsection 39M of the Massachusetts General Laws.
- 2.3 A Labor and Material or Payment Bond in the amount of 100% of the total contact price must be provided by the Contractor.

- 2.4 A Performance Bond in the amount of 100% of the total contact price must be provided by the Contractor.

ARTICLE 3 BIDDER'S REPRESENTATIONS

3.1 In submitting this Bid, Bidder represents, as set forth in the Agreement, that:

- A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents and hereby acknowledges the receipt of all Addenda.
- B. Bidder has visited the Site, conducted a thorough, alert visual examination of the Site and adjacent areas, and become familiar with and satisfied itself as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and has satisfied itself as to all federal, state and local Laws and Regulations that may affect cost, progress and performance of the Work.
- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or adjacent to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings, and (2) reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, especially with respect to Technical Data in such reports and drawings.
- E. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and any Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder; and (3) Bidder's safety precautions and programs.
- F. Bidder agrees, based on the information and observations referred to in the preceding paragraph, that no further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price bid and within the times required and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents and confirms that the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance and furnishing of the Work.
- J. The submission of this Bid constitutes an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Article, and that without exception

the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4 BIDDER'S CERTIFICATION

- 4.1 Bidder certifies that Bidder is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work, that all employees to be employed at the worksite will have successfully completed a course in construction safety and health approved by the United States Occupational Safety and Health Administration that is at least 10 hours in duration at the time the employee begins work and who shall furnish documentation of successful completion of said course with the first certified payroll report for each employee, and that Bidder will comply fully with all laws and regulations applicable to awards made subject to MGL Chapter 30, Section 39M.
- 4.2 Bidder certifies that, under penalty of perjury, Bidder is not presently debarred from doing public construction work in the Commonwealth under the provisions of MGL Chapter 29, Section 29F or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder; and is not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.
- 4.3 Pursuant to MGL.c.62C, s49A, Bidder hereby certifies under the penalties of perjury, to the best of Bidder's knowledge and belief, that Bidder has complied with all laws of the Commonwealth related to taxes, reporting of employees and contractors, and withholding and remitting of child support.
- 4.4 Bidder hereby certifies under the penalties of perjury, to the best of Bidder's knowledge and belief, that Bidder has filed all state tax returns and paid all state taxes required by law.
- 4.5 Bidder certifies that, under the penalties of perjury, this Bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity.
- 4.6 Bidder certifies that this Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.
- 4.7 Bidder certifies that Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
- 4.8 Bidder certifies that Bidder has not solicited or induced any individual or entity to refrain from bidding.
- 4.9 Bidder certifies that Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this paragraph:
 - A. "corrupt practice" means the offering, giving, receiving, or soliciting of any thing of value likely to influence the action of a public official in the bidding process;
 - B. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of the Owner, (b) to establish bid prices at

artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

- C. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
- D. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

Article 5 BASIS OF BID

5.1 Bidder proposes to furnish all labor and materials required for construction of the BRANDON ROAD OVER MILL RACE, PROPOSED SUPERSTRUCTURE REPLACEMENT, DUDLEY, MA 01571 in accordance with the accompanying Bidding Documents prepared by TIGHE & BOND INC., for the Contract Price specified below, subject to additions and deductions according to the terms of the Bidding Documents.

5.2 This Bid includes Addenda numbered _____.

5.3 The proposed Contract Price (base bid items 1-6) is:

_____ dollars
(words)

(\$ _____)
(figures)

Item Number	Item Name and Unit Bid Prices Written in Words and Figures	Estimated Quantity	Total Amount of Item (in figures)
1	Brandon Road Superstructure Replacement Project, lump sum, the price of:		
	_____	lump sum* =	\$ _____
	(\$ _____)		
2	Monthly price adjustment for hot mix asphalt (HMA) Mixtures, the price of:		
	<u>One Thousand Dollars</u>	Allowance =	\$ 1,000
	(\$ 1,000)		
3	Monthly price adjustment for diesel fuel, the price of:		
	<u>One Thousand Dollars</u>	Allowance =	\$ 1,000
	(\$ 1,000)		
4	Monthly price adjustment for gasoline, the price of:		
	<u>One Thousand Dollars</u>	Allowance =	\$ 1,000
	(\$ 1,000)		
5	Monthly price adjustment for structural steel and reinforcing steel, the price of:		
	<u>Five Hundred Dollars</u>	Allowance =	\$ 500
	(\$ 500)		
6	Monthly price adjustment for Portland cement in concrete, the price of:		
	<u>Five Hundred Dollars</u>	Allowance =	\$ 500
	(\$ 500)		

Article 6 TIME OF COMPLETION

- 6.1 Bidder agrees that the Work will be substantially completed and ready for final payment in accordance with paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.2 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of failure to complete the Work within the times as stated in the Agreement.

Article 7 ATTACHMENTS TO THIS BID

- 7.1 The following documents are attached to and made a condition of this Bid:
 - A. Bid deposit in the amount of _____ dollars (\$ _____), consisting of a bid bond in the amount of five percent of the total amount of Bid
 - B. Evidence of authority to sign
 - C. List of Project References
 - D. Evidence of authority to do business in the state of the Project; or a written covenant to obtain such license within the time for acceptance of Bids
 - E. A list of adversarial proceedings in which the bidder is or was a party within the past 5 years that relate to the procurement or performance of any public or private construction contract together with a brief statement as to outcome if concluded or status if pending.
 - F. A list of any projects on which the firm was terminated or failed to complete the work within the past 5 years, including a brief explanation for each instance listed.
 - G. Evidence of Bidder's qualifications in accordance with Article 3 of Section 00200
 - H. MBE/WBE participation forms
 - I. List of Subcontractors

ARTICLE 8

BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By:

[Signature] _____

[Printed name] _____

(If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest:

[Signature] _____

[Printed name] _____

Title: _____

Submittal Date: _____

Address for giving notices:

Telephone Number: _____

Fax Number: _____

Contact Name and e-mail address: _____

Bidder's License No.: _____

(where applicable)

END OF SECTION

J:\D\D5011 DUDLEY\019 BRANDON ROAD OVER MILL RACE\DESIGN\SPECIFICATIONS\EASY SPEC MANAGER FRONT END TRY 2\00410 - FORM FOR GENERAL BID.DOCX

00.73.39
SUPPLIER DIVERSITY PROGRAM - EXECUTIVE ORDER 524
MINORITY AND WOMEN BUSINESS ENTERPRISES

1. PROJECT REQUIREMENTS

General bidders must agree to contract with minority and women-owned businesses as certified by the Supplier Diversity Office (SDO) formerly known as SOMWBA. The amount of participation which shall be reserved for such enterprises shall not be less than the percentages stated in document 00.11.00 Advertisement found elsewhere in these contract documents.

2. DEFINITIONS:

For purposes of this Section 00.73.39.00 the following definitions shall apply:

- A. "Minority business enterprise" or "MBE", means a business enterprise that is owned and controlled by one or more socially or economically disadvantaged persons. Such disadvantage may arise from cultural, racial, chronic economic circumstances or background or other similar cause. Such persons include, but are not limited to, African Americans, Cape Verdeans, Western Hemisphere Hispanics, Asians, American Indians, Eskimos, and Aleuts. For purposes of section 61 and of section 40N of chapter 7, the term "minority owned business" shall have the same meaning as "minority business enterprise".
- B. "SDO" means the Supplier Diversity Office.
- C. "Minority Business Enterprise" (MBE) means a business organization which is owned and controlled fifty-one percent (51%) or more by one or more minority group members and certified as such by SDO.
- D. "Women Business Enterprise" (WBE) means a business organization which is owned and controlled fifty-one percent (51%) or more by one or more women and certified as such by SDO.
- E. "MBE/WBE Manufacturer" means a person or firm certified by SDO and engaged in the process of making, fabricating, constructing, forming or assembling a product(s) from raw, unfinished, semi-finished, or finished materials through a direct contract with a contractor, subcontractor, or supplier.
- F. "MBE/WBE Subcontractor" means a person or firm certified as such by SDO and contractually engaged by the contractor to perform a portion (a) of the contracted Work, including labor, materials and supplies, or (b) labor, materials and supplies, or any combination thereof.
- G. "MBE/WBE Supplier" means a person or firm certified as such by SDO and engaged in selling of materials and supplies to contractors, subcontractors, and/or manufacturers for the purpose of constructing, repairing, remodeling, adding to or subtracting from, or improving any building, structure or property through a direct contract with a contractor or subcontractor. Said MBE/WBE must sustain substantial financial risk in the process of performing/supplying the work for this contract.
- H. "Amount of Participation" means the percentage stated on the advertisement of the final contract amount which is to be contracted to MBE/WBEs for work to be performed on this contract in accordance with this Section 00.73.39.

3. JOINT VENTURES

- A. A Joint Venture shall mean a business arrangement between MBE/WBEs and a non-SDO certified General Contractor, in which the MBE or WBE has at least a twenty-five percent (25%) interest in the Contract, and in which the other has at least the required minimum percentage of participation in the Contract. It is expected that the M/WBE having the minimum 25% interest will participate in the management and decision making aspects of the project proportionate to its percentage of ownership and interest in the Contract.
- B. An MBE/WBE Joint Venture shall mean a business arrangement wherein a SDO certified MBE or WBE serves as a General Contractor and engages the services of another SDO certified MBE or WBE (whichever is required) in an amount not less than twenty-five percent (25%) of the Contract amount, and in which the management and decision making aspects of the project are shared to the degree of participation and ownership in the Contract.

4. CONDITIONS

- A. After notice of award, the General Contractor shall submit a completed Participation Schedule (Form 00.73.39.01) and Letters of Intent (Form 00.73.39.02). There needs to be one Letter of Intent for each SDO-certified MBE and WBE used to satisfy the requirements of this Section 00.73.39. The letters shall include the materials or services the MBEs and/or WBEs are proposing to provide or perform and the prices that the MBEs and/or WBEs propose to charge for the materials or services. NOTE: Failure to provide a compliant Participation Schedule and/or complaint Letters of Intent shall be grounds for terminating the contracting process and a claim being made against the General Contractor's bid deposit.
- B. MBE and WBEs listed on the Participation Schedule may be any combination of MBE/WBE Subcontractors, MBE/WBE Manufactures, or MBE/WBE Suppliers as defined in Paragraph 2.G.
- C. Letters of Intent are not required from filed sub-bidders who are SDO Certified MBEs or WBEs.
- D. The amount of participation of MBE/WBEs listed in The Participation Schedule must total at least the percentage set forth in the Advertisement. The amounts indicated in the Letter of Intent shall not be less than the amount shown on the Participation Schedule. The SDO Certified MBEs and/or WBEs for whom Letters of Intent are submitted must be identical to the ones listed on the Participation Schedule. No substitutions shall be made without the written approval of the Owner.
- E. The Contractor may include MBEs and/or WBEs utilized by non-certified subcontractors to satisfy the requirements of this article.
- F. MBE/WBE Certification from any other agency/municipality shall not be considered applicable for this Contract.
- G. If a filed sub-bidder listed as a MBE and/or WBE is rejected for failure to obtain a performance and payment bond from a surety qualified to do business in the Commonwealth when requested by the general bidder to do so at the time of bid, said failure shall not entitle the general bidder to avoid the requirements of this Section 00.73.39.
- H. The Contractor shall not change the MBEs and/or WBEs listed in the Participation Schedule or make any other such MBE/WBE substitutions after the Contract has been executed or during construction without the written approval of the Owner.

5. COMPLIANCE

- A. The Contractor must provide information as is necessary, in the judgment of the Owner to ascertain compliance with the terms of this Section 00.73.39.

B. The Contractor shall maintain records of Payment to Minority Business Enterprises.

6. MBE/WBE REPORTING PROCEDURES

A. The Contractor shall maintain records of Payment to Minority Business Enterprises..

(1.) The Owner may request copies of canceled checks to confirm compliance.

7. SANCTIONS

A. If at any time during the life of this Contract, the Contractor is found to be out of compliance with this Section 00.73.39, sanctions may be imposed within fifteen (15) working days after notification to the Contractor of said violation. If within those fifteen (15) days the Contractor remedies the non-compliance to the satisfaction of the Owner or provides compelling documentation as outlined in Paragraph 8.B said sanctions may be postponed or waived. If the Contractor requires more than fifteen (15) days to remedy non-compliance, it shall make a written request to the Owner for a time extension. This request shall be made within the original fifteen (15) day period.

B. If the Contractor fails to comply with the terms of these conditions, the Owner may impose the following sanctions:

(.1) require the Contractor to provide equivalent substitute participation with SDO Certified MBEs and/or WBEs acceptable to the Owner and at no additional cost to the Owner; or

(.2) suspend any payment for the Work that should have been but was not performed by a MBE and/or WBE pursuant to the Participation Schedule.

C. To the extent that the Contractor has not complied with the terms of these conditions, the Owner may withhold from any Certificate for Payment moneys equivalent to the product of the percentage of completion times the MBE and/or WBE dollar amount, minus the amount already paid to MBEs and/or WBEs for Work performed under the contract, minus any amounts withheld for previous non-compliance.

8. RECOURSE

A. The Owner has the option not to impose sanctions if the Contractor demonstrates, to the satisfaction of the EOHLC, that the Contractor has taken every possible measure to comply with Section 00.73.39. This may constitute a reason for waiving this Section in whole or in part.

B. To demonstrate every possible measure, the Contractor shall furnish:

(.1) the name of each firm solicited for quotations on each Subcontract, the price quoted by each, and whether or not the firm solicited was a minority or woman-owned business;

(.2) the reason for not subcontracting with a minority or woman-owned business enterprise when applicable;

(.3) evidence showing efforts by the Contractor to supplement its own and SDO lists of minority and woman-owned business sources by contacting the Small Business Administration, trade organizations, the General Services Administration (U.S. Government), minority contractors' organizations, community organizations and other likely sources of names of additional minority or woman-owned business firms capable of performing the Work; and

(.4) evidence showing other efforts to comply with this Section 00.73.39.

9. WAIVERS

The EOHLC or the Supplier Diversity Office has the discretion to determine that compliance with the participation benchmarks is not feasible and may reduce or waive these benchmarks. To reduce or waive

the MBE/WBE participation benchmarks the general bidders must make this request in writing to the EOHLC **PRIOR** to the general bid opening. ***See Article 3.3 - Instructions to Bidders.***

10. SEVERABILITY

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court shall not affect or impair any of the remaining provisions of the Contract.

End of 00.73.39

**SUPPLIER DIVERSITY PROGRAM - EXECUTIVE ORDER 524
MINORITY AND WOMEN OWNED BUSINESS ENTERPRISES**

SDO CERTIFIED MBE/WBE PARTICIPATION SCHEDULE

- This form must be submitted by the apparent low general bidder to EOHLIC within five working days of receipt of bids.
- Letters of Intent from all MBEs or WBEs listed must be submitted with this Participation Schedule.

Project _____

Name of Project

The undersigned intends to subcontract with the following firms for the listed work and dollar amounts:

Name of Company	Description of Work	MBE or WBE	Supplier or Subcontractor	Value of Participation
1 _____	_____	_____	_____	\$ _____
2 _____	_____	_____	_____	\$ _____
3 _____	_____	_____	_____	\$ _____
4 _____	_____	_____	_____	\$ _____
5 _____	_____	_____	_____	\$ _____
6 _____	_____	_____	_____	\$ _____
7 _____	_____	_____	_____	\$ _____
8 _____	_____	_____	_____	\$ _____
Dollar Value of MBE Commitment:				\$ _____
Dollar Value of WBE Commitment:				\$ _____
Total Dollar Value Commitment:				\$ _____

BIDDER CERTIFICATION

The undersigned certifies under the penalties of perjury that (1) it intends to subcontract with the above listed firms for the identified work and dollar amounts unless a waiver or partial waiver has been granted by the Owner and (2) certifies that he/she has read Section 00.73.39 conditions contained in the contract documents with regards to MBE/WBE participation and is authorized to bind the contractor to the commitment set forth above.

Date _____

Name of General Contractor

Authorized Signature

Address

City, State & Zip Code

SDO CERTIFIED MBE/WBE LETTER OF INTENT

- This form is provided for SDOA Certified MBEs and WBEs being utilized as on this contract.
- This form must be completed by each SDO Certified MBE or WBE and submitted by the general bidder to EOHLIC.
- General bidders or filed sub-bidders that are SDO Certified MBEs and WBEs may omit this form.

TO: General Bidder

FROM SDO Certified MBE or WBE

Name: _____
 Street Address: _____
 City/Town _____
 Phone: _____
 Fax: _____
 Email: _____

Name: _____
 Street Address: _____
 City/Town _____
 Phone: _____
 Fax: _____
 Email: _____

RE: Project: _____
Name of Project

1. My company intends to perform work in connection with the above project as:

- an individual a corporation a partnership
- a joint venture with _____
- other
(explain) _____

2. My company is certified by SDO as a MBE WBE in the following categories:

3. My company has not changed its ownership, control, or management in any ways that affect certification since obtaining SDO certification

4. My company understands that if your company is awarded the contract, your company intends to enter into an agreement to perform the work described below for the price indicated. My company also understands that your company will make substitutions only as allowed by Section 00.73.39 of the above project

5. My company intends to _____

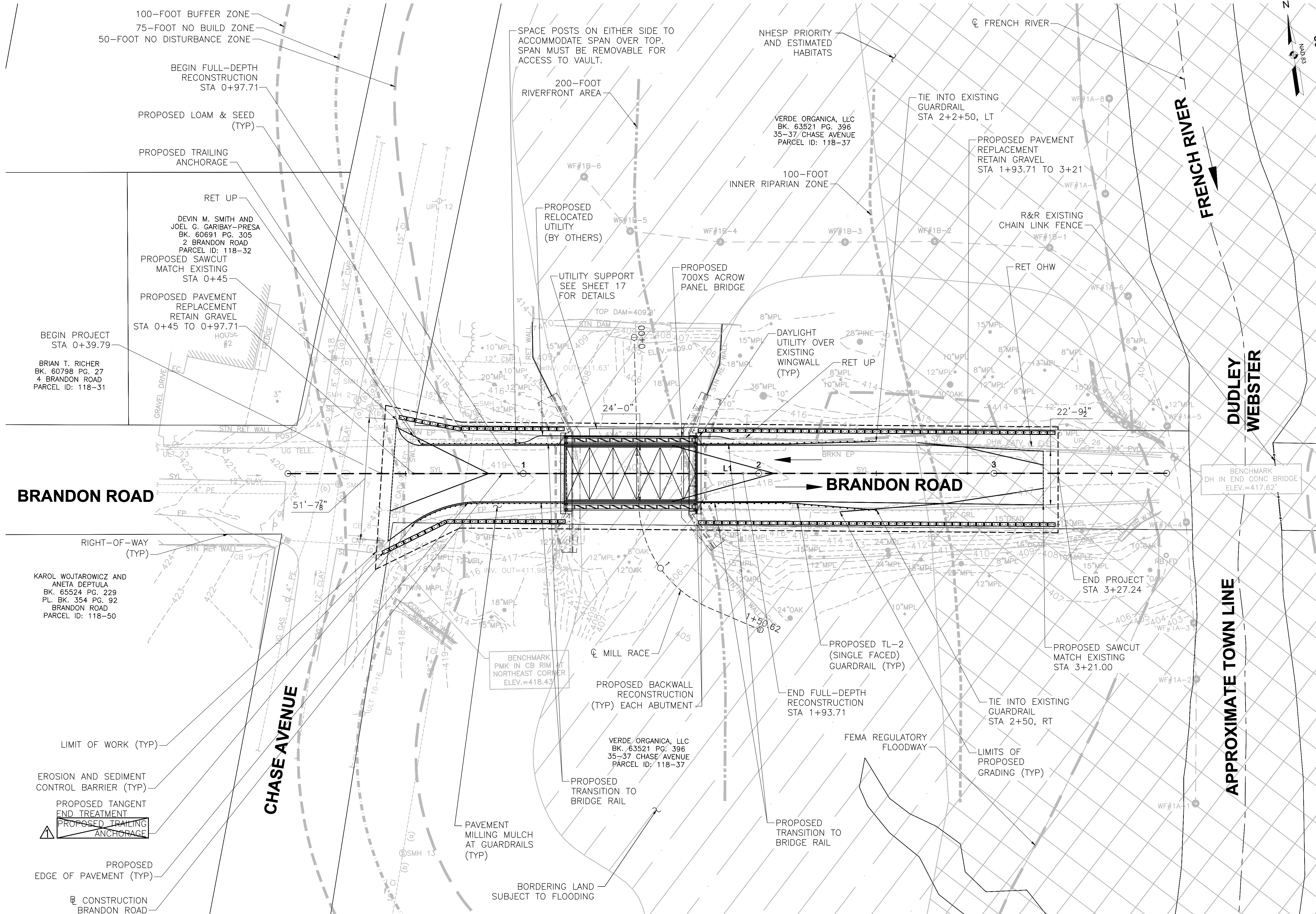
This Work includes: Labor & Materials Labor Only Materials only

for a total amount of _____ Dollars \$ _____

Date _____
Authorized Signature of SCE

Name and Title

Please advise the Owner immediately if either party attempts to renegotiate this agreement



ISSUED FOR BID

Proposed Superstructure Replacement Dudley

**Brandon Road Over Mill Race
D-12-027 (1BJ)**

MARK	DATE	DESCRIPTION
1	4/20/2026	ADDENDUM 1
0	4/8/2026	FOR BIDDING

PROJECT NO:	D5011-019
DATE:	April 26
FILE:	D5011-019_03_CIVIL.dwg
DRAWN BY:	R.ROSE
DESIGNED BY:	D.FELTY
CHECKED BY:	D.FELTY
APPROVED BY:	A.LACASSE

SITE PLAN

SCALE: AS SHOWN

Last Saved: 4/7/2026 7:29am By: Rrose
 Plotted On: Apr 23, 2026 7:29am By: Rrose
 Title: Brandon Road Over Mill Race Drawings - Figures/AutoCAD/Sheet/D5011-019_03_CIVIL.dwg

DESIGN:

PROPOSED DESIGN (SUPERSTRUCTURE):

IN ACCORDANCE WITH THE 2024 AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS LRFD BRIDGE DESIGN SPECIFICATIONS FOR HL-93 LOADING.

EXISTING DESIGN (ABUTMENTS):

IN ACCORDANCE WITH THE 2002 AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES FOR HS-20 44 LOADING.

BASE PLAN NOTES:

THE EXISTING CONDITIONS INFORMATION SHOWN ON THE DRAWINGS IS BASED ON SURVEY DRAWINGS PROVIDED BY SHERMAN & FRYDRYK LAND SURVEYING & ENGINEERING CONSULTANTS TITLED: "25127-EC-2025-09-12" AND DATED SEPTEMBER 12, 2025. THE EXISTING CONDITIONS SHOWN ARE APPROXIMATE.

UTILITY LOCATIONS SHOWN WERE PLOTTED FROM INFORMATION SUPPLIED BY RESPECTIVE UTILITY COMPANIES AND DATA OBTAINED FROM FIELD SURVEYS AND AS BUILT DRAWINGS. THE ACCURACY AND COMPLETENESS OF SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS IS NOT GUARANTEED.

THE HORIZONTAL COORDINATE SYSTEM IS THE NORTH AMERICAN DATUM OF 1983, MASSACHUSETTS STATE PLANE, MAINLAND ZONE, US FEET. VERTICAL DATUM IS THE NORTH AMERICAN VERTICAL DATUM OF 1988.

THE RIGHT OF WAY SHOWN IS BASED ON THE 1936 WORCESTER COUNTY LAYOUT. THE PROPERTY LINES SHOWN ON THE DRAWINGS ARE APPROXIMATE AND ARE NOT BASED ON DEED OR PLAN RESEARCH.

THE RESOURCE AREA BOUNDARIES DEPICTED ON THE DRAWINGS WERE DELINEATED BY TIGHE & BOND, INC. ON 8/13/2025.

BENCHMARK:

PMK IN CB RIM AT NORTHEAST CORNER EL. 418.43'
N = 2841013.6297
E = 550607.1886

CONCRETE:

ALL CONCRETE SHALL BE AS NOTED BELOW:

5000 PSI, 3/8", 710 CEMENT HP CONCRETE – PROPOSED CONCRETE REPAIR

THE USE OF CONSTRUCTION JOINTS WHERE SHOWN ON THE DRAWINGS IS MANDATORY. OMISSIONS, ADDITIONS OR CHANGES SHALL NOT BE MADE EXCEPT WITH THE SUBMISSION OF A WRITTEN REQUEST TOGETHER WITH DRAWINGS OF THE PROPOSED JOINT LOCATIONS FOR APPROVAL OF THE STRUCTURAL ENGINEER.

WHERE CONSTRUCTION JOINTS ARE NOT SHOWN, DRAWINGS SHOWING LOCATION OF CONSTRUCTION JOINTS AND CONCRETE PLACING SEQUENCE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PREPARATION OF THE REINFORCEMENT SHOP DRAWINGS.

EXPOSED EDGES OF CONCRETE ELEMENTS SHALL HAVE CHAMFERED CORNERS.

REINFORCEMENT:

REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 31 GRADE 60. UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DRAWINGS, ALL BARS SHALL BE LAPPED AS FOLLOWS:

ALL REINFORCEMENT SHALL BE EPOXY COATED.

MODIFICATION CONDITION	#4 BARS	#5 BARS	#6 BARS
1. NONE	16"	19"	23"
2. 12" OF CONCRETE BELOW BAR	20"	25"	30"
3. EPOXY COATED BARS, COVER < 3DB, OR CLEAR SPACING < 6DB	23"	29"	34"
4. COATED BARS, ALL OTHER CASES	18"	23"	27"
5. CONDITION 2. AND 3.	26"	32"	39"
6. CONDITION 2. AND 4.	24"	30"	36"

INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO SCHEDULED CONCRETE PLACEMENT. NOTIFY ENGINEER OF COMPLETION AT LEAST 24 HOURS PRIOR TO SCHEDULED COMPLETION OF PLACEMENT OR REINFORCEMENT. REINFORCEMENT SHALL BE SET BEFORE PLACING CONCRETE.

REINFORCEMENT SHALL BE SET BEFORE PLACING CONCRETE. SETTING ANY REINFORCEMENT INTO WET CONCRETE IS PROHIBITED.

UTILITIES:

THE CONTRACTOR SHALL LOCATE AND PROTECT FROM DAMAGE OR RELOCATE, AS NECESSARY, ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COORDINATE AND COOPERATE WITH THE RESPECTIVE UTILITY OWNERS FOR ALL UTILITIES THAT ARE TO BE TEMPORARILY OR PERMANENTLY RELOCATED FOR THE PROPOSED WORK.

NOTIFY DIGSAFE AT 1-888-344-7233 AND OTHER UTILITY OWNERS IN THE AREA NOT ON THE DIGSAFE LIST AT LEAST 72 HOURS PRIOR TO ANY DIGGING, TRENCHING, ROCK REMOVAL, DEMOLITION, BORING, BACKFILLING, GRADING, LANDSCAPING, OR ANY OTHER EARTH MOVING OPERATIONS.

LOCATIONS OF EXISTING UTILITIES ARE APPROXIMATE. IN ADDITION, SOME UTILITIES MAY NOT BE SHOWN. DETERMINE THE EXACT LOCATION OF UTILITIES BY TEST PIT OR OTHER METHODS, AS NECESSARY TO PREVENT DAMAGE TO UTILITIES AND/OR INTERRUPTIONS IN UTILITY SERVICE OR CONSTRUCTION OPERATIONS. PERFORM TEST PIT EXCAVATIONS AND OTHER INVESTIGATIONS TO LOCATE UTILITIES, AND PROVIDE THIS INFORMATION TO THE ENGINEER, PRIOR TO CONSTRUCTING THE PROPOSED IMPROVEMENTS. LOCATE ALL EXISTING UTILITIES TO BE CROSSED BY HAND EXCAVATION.

EXISTING CONDITIONS:

REMOVE AND DISPOSE OF ALL CONSTRUCTION-RELATED WASTE MATERIALS AND DEBRIS IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS.

COMPLY WITH PERMITS AND NOTICES NECESSARY TO COMPLETE THE WORK. ARRANGE NECESSARY INSPECTIONS AND APPROVALS FROM THE JURISDICTIONAL AUTHORITIES.

THE TERM "DEMOLISH" AND "R&D" USED ON THE DRAWINGS MEANS TO REMOVE AND DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.

ALL PROPOSED WORK MAY BE ADJUSTED IN THE FIELD BY THE OWNER'S PROJECT REPRESENTATIVE TO MEET EXISTING CONDITIONS.

ALL DIMENSIONS AND DETAILS SHOWN FOR THE EXISTING STRUCTURE ARE BASED ON THE ORIGINAL DRAWINGS AND FIELD SURVEY, AND ARE NOT GUARANTEED.

THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING TO BECOME FAMILIAR WITH THE EXTENT AND NATURE OF THE WORK TO BE DONE UNDER THIS CONTRACT.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS REQUIRED FOR THE PROPER PERFORMANCE OF THE WORK. FIELD CONDITIONS MAY EXIST WHICH DEVIATE FROM THE TYPICAL AND THEORETICAL DIMENSIONS SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR FABRICATION AND FIT OF THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER DISPOSAL OF ALL EXISTING MATERIALS WHICH ARE TO BE REMOVED FROM THE STRUCTURE AS SHOWN ON THE PLANS.

THE CONTRACTOR IS NOTIFIED THAT IT IS UNACCEPTABLE FOR ANY MATERIAL(S) TO FALL INTO THE AREAS BELOW OR BE PROJECTED INTO THE TRAVEL LANES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTAINING AND COLLECTING ALL MATERIALS.

ANY EXISTING PAVEMENT MARKINGS DISTURBED BY THE WORK PERFORMED SHALL BE REPLACED, IN-KIND.

TRAFFIC CONTROL:

TAKE NECESSARY MEASURES AND PROVIDE CONTINUOUS BARRIERS OF SUFFICIENT TYPE, SIZE, AND STRENGTH TO PREVENT ACCESS TO ALL WORK AND STAGING AREAS AT THE COMPLETION OF EACH DAYS WORK. THE CONTRACTOR IS RESPONSIBLE FOR SUPPLEMENTING EXISTING BARRIERS ON-SITE AS REQUIRED TO PREVENT ACCESS TO ALL WORK AREAS.

THE CONTRACTOR IS RESPONSIBLE FOR RE-INSTALLING EXISTING JERSEY BARRIERS TO CLOSE THE ROAD AT THE COMPLETION OF EACH DAYS WORK.

NO OPEN TRENCHES WILL BE ALLOWED OVER NIGHT. THE USE OF ROAD PLATES TO PROTECT THE EXCAVATION WILL BE CONSIDERED UPON REQUEST, BUT BACKFILLING IS PREFERRED.

BRANDON ROAD SHALL REMAIN CLOSED TO ALL VEHICULAR AND PEDESTRIAN TRAFFIC THROUGHOUT THE DURATION OF CONSTRUCTION.

WHEN WORKING IN THE ROAD, PROVIDE THE OWNER AND LOCAL FIRE/POLICE/SCHOOL AUTHORITIES A DETAILED PLAN OF APPROACH INDICATING METHODS OF PROPOSED TRAFFIC ROUTING ON A DAILY BASIS. PROVIDE COORDINATION TO ENSURE COMMUNICATION AND COORDINATION BETWEEN THE OWNER, CONTRACTOR AND LOCAL FIRE/POLICE/SCHOOL AUTHORITIES THROUGHOUT THE CONSTRUCTION PERIOD.

CHAPTER 85 SECTION 35 REVIEW AND APPROVAL:

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

FINAL CHAPTER 85 APPROVAL WILL BE OBTAINED BY THE TOWN. SEE SPECIAL PROVISIONS.

SEISMIC DESIGN CRITERIA	
DESIGN RETURN PERIOD (YEARS):	1000
DESIGN SPECTRA	
As	0.096g
SDs	0.208g
SD1	0.088g
SITE CLASS	D
SEISMIC DESIGN CATEGORY (SDC)	A

HYDRAULIC DESIGN FLOOD (HDF) DATA	
DRAINAGE AREA (SQ. MILES)	90.5
HDF DISCHARGE (C.F.S.)	48
HDF FREQUENCY (YEARS)	10
HDF VELOCITY (F.P.S.)	1.86
HDF ELEVATION (FEET, NAVD, UPSTREAM)	407.61
BASE (100-YEAR) FLOOD DATA	
BASE FLOOD DISCHARGE (C.F.S.)	727
BASE FLOOD ELEVATION (FEET, NAVD, UPSTREAM)	410.85
DESIGN AND CHECK SCOUR DATA	
DESIGN SCOUR FLOOD EVENT RETURN FREQUENCY (YEARS)	25
DESIGN FLOOD ABUTMENT SCOUR DEPTH (FEET)	0.17
DESIGN FLOOD PIER SCOUR DEPTH (FEET)	N/A
CHECK SCOUR FLOOD EVENT RETURN FREQUENCY (YEARS)	50
CHECK FLOOD ABUTMENT SCOUR DEPTH (FEET)	0.65
CHECK FLOOD PIER SCOUR DEPTH (FEET)	N/A
FLOOD OF RECORD	
DISCHARGE (C.F.S.)	UNKNOWN
FREQUENCY (IF KNOWN, YEARS)	N/A
MAXIMUM ELEVATION (FEET, NAVD)	N/A
DATE (MM/YYYY)	N/A
HISTORY OF ICE FLOES	UNKNOWN
EVIDENCE OF SCOUR AND EROSION	N/A

ISSUED FOR BID

**Proposed Superstructure Replacement
Dudley**

**Brandon Road
Over Mill Race
D-12-027 (1BJ)**

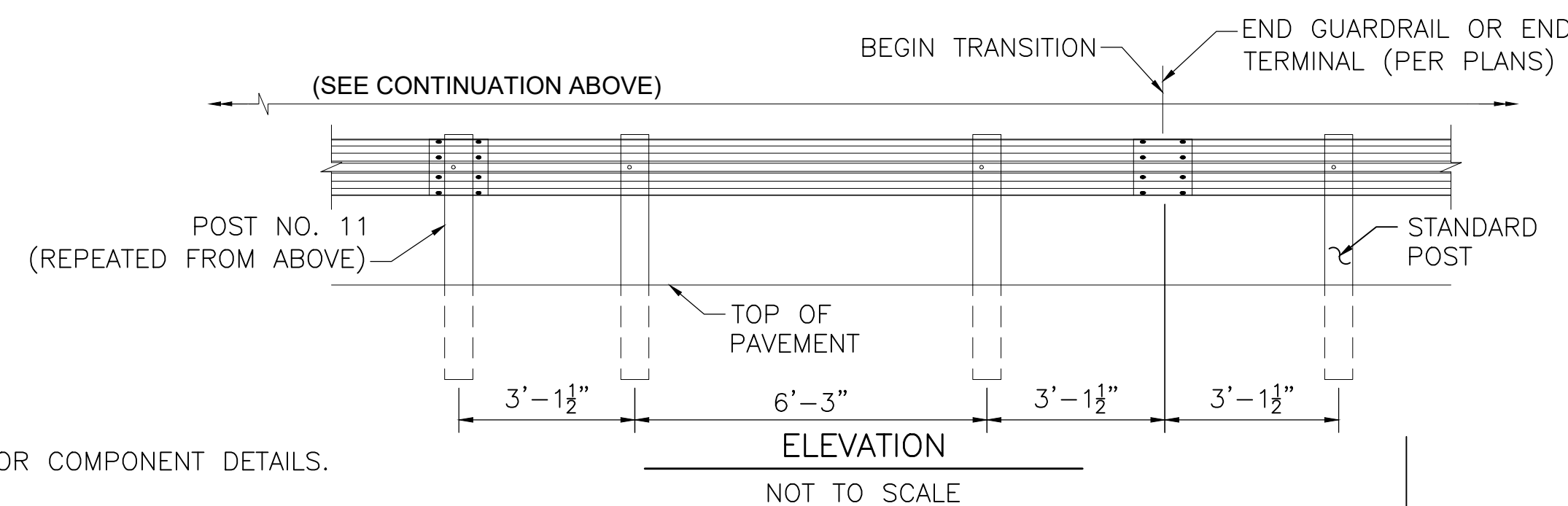
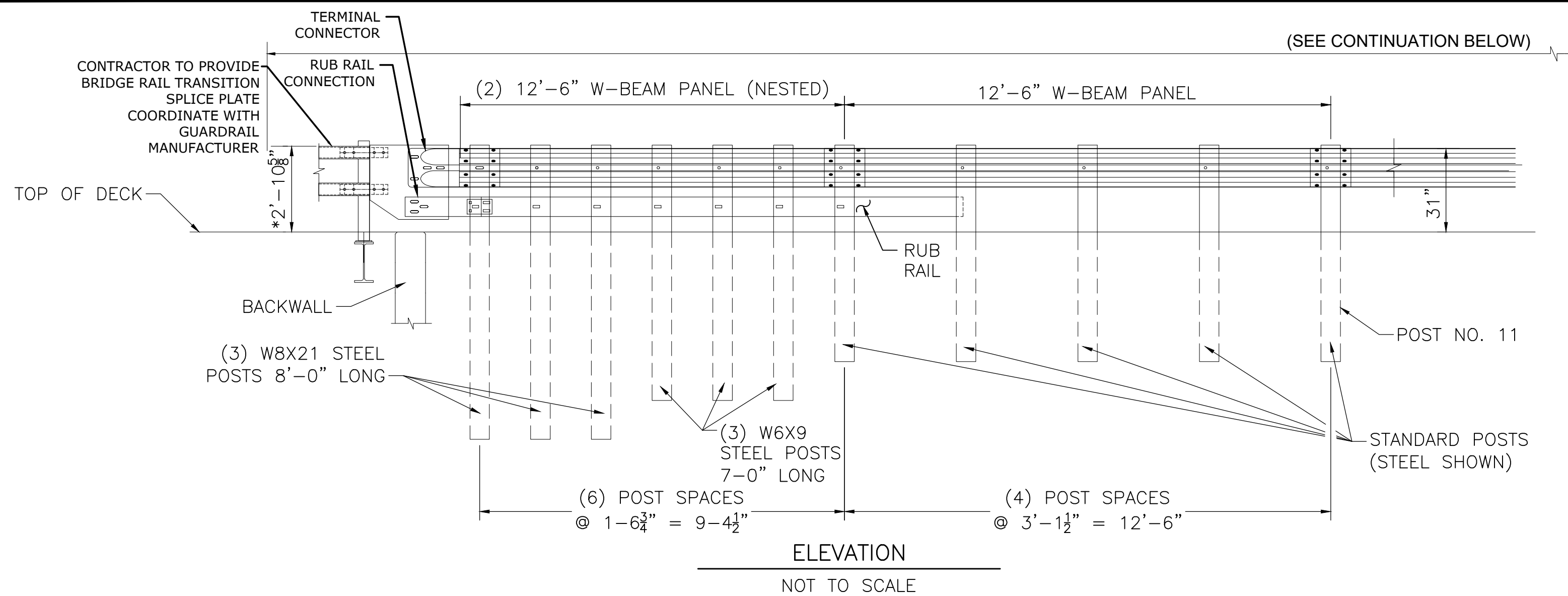
1	4/20/2026	ADDENDUM 1
0	4/8/2026	FOR BIDDING
MARK	DATE	DESCRIPTION
PROJECT NO: D5011-019		
DATE: April 26		
FILE: D5011-019_05_STRC.dwg		
DRAWN BY: R.ROSE		
DESIGNED BY: D.FELTY		
CHECKED BY: D.FELTY		
APPROVED BY: A.LACASSE		

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

DISTRICT 3 BRIDGE ENGINEER _____ DATE _____

BRIDGE NOTES
SCALE: AS SHOWN

SHEET 8 OF 17

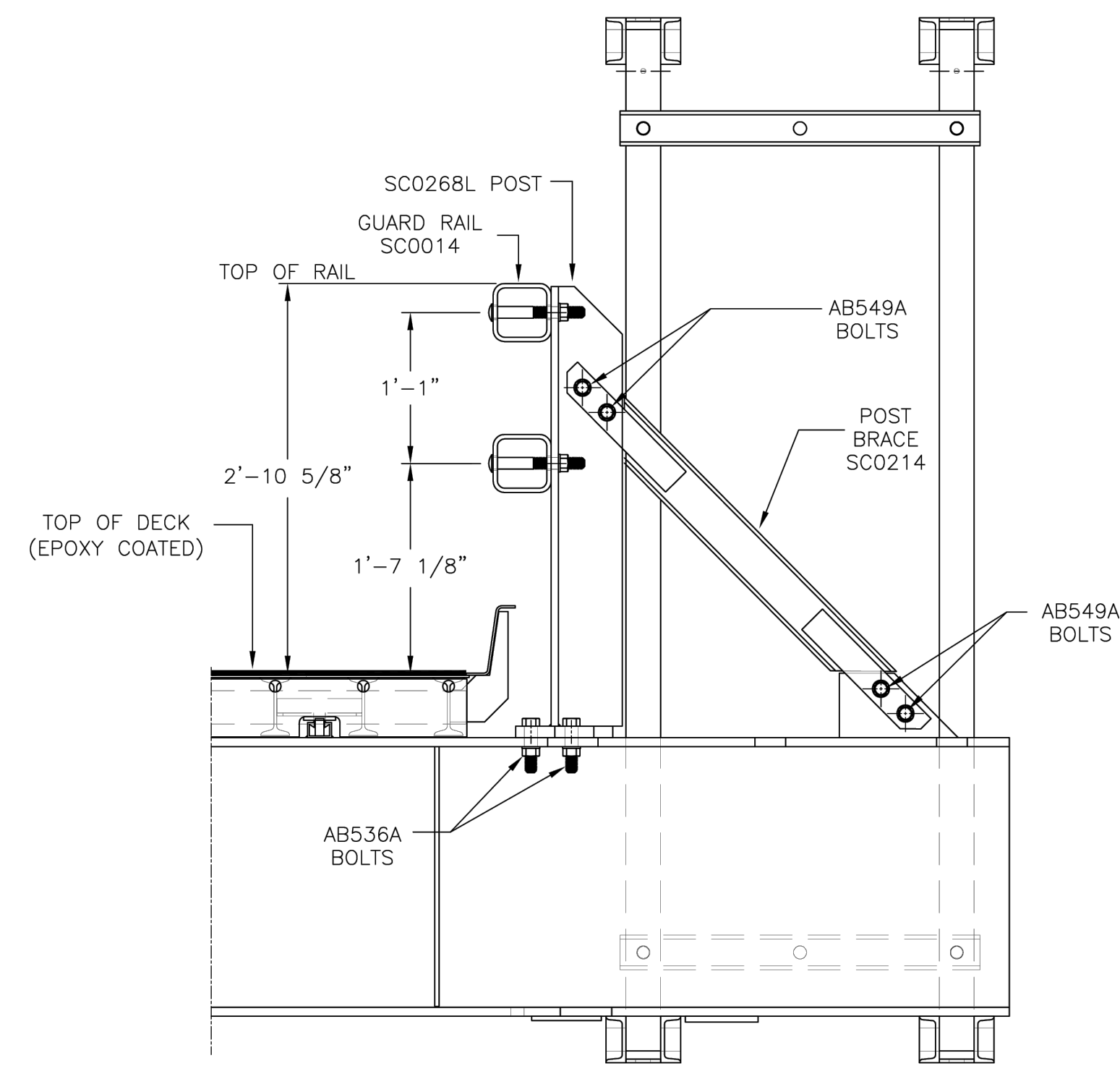


BRIDGE RAIL TO APPROACH RAIL TRANSITION

NOT TO SCALE

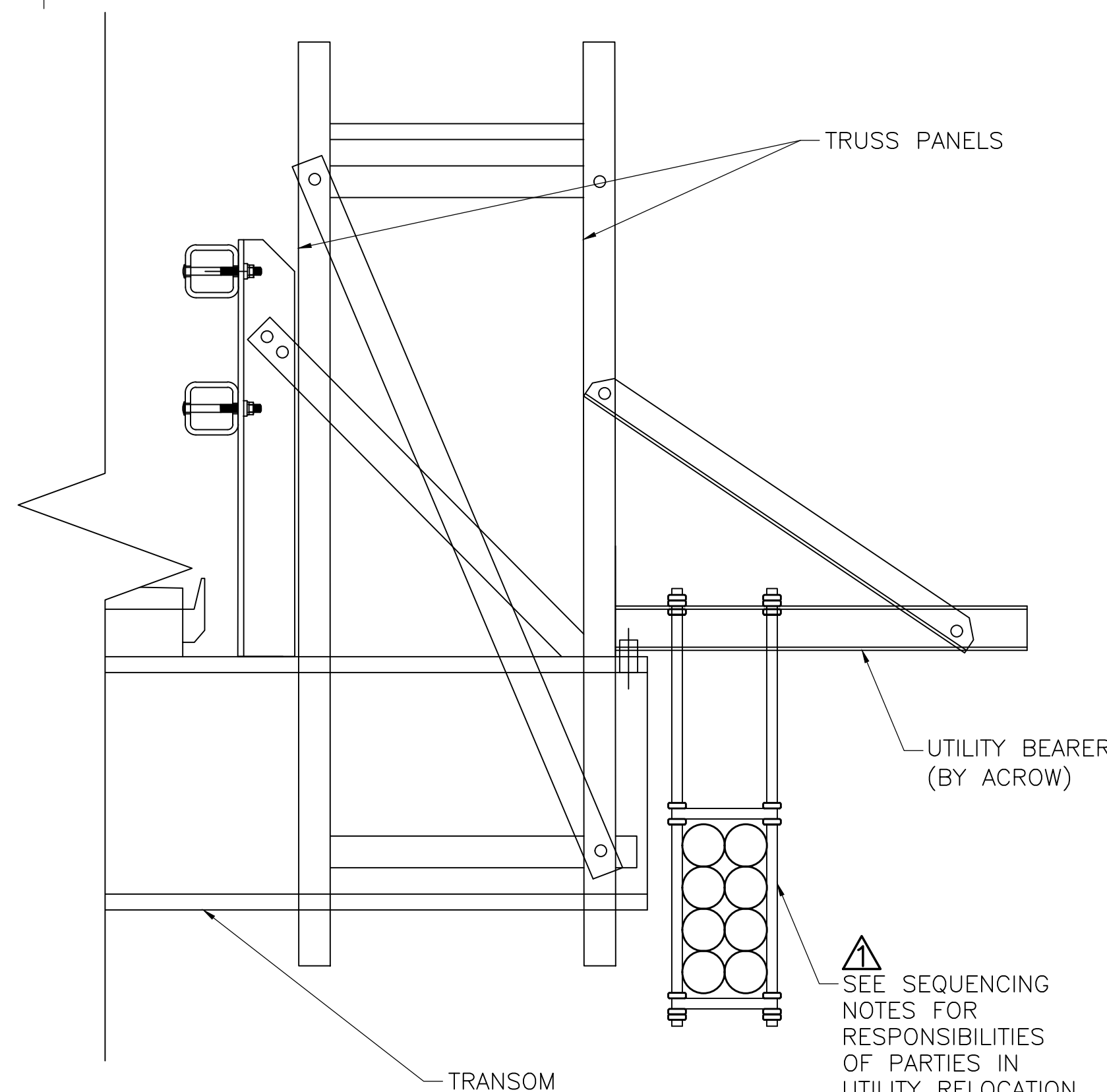
TRANSITION NOTES:

- SEE SHEET 628.22.2 FOR COMPONENT DETAILS.
- BOLT RUB RAIL TO POST WITHOUT WASHER.
- POSTS WITH RUB RAIL ATTACHMENT REQUIRE AN ADDITIONAL HOLE.
- STEEL SPACER TUBE, SCHEDULE 40 GALVANIZED PIPE, 6" ID X 12". CONNECT TO THE W-BEAM PANEL ELEMENTS USING SPLICE BOLT.
- DIMENSIONS DENOTED WITH AN ASTERISK ARE APPROXIMATE. CONTRACTOR TO COORDINATE FINAL DIMENSIONS WITH BRIDGE MANUFACTURER AND FINAL FIELD CONFIGURATION.
- SPLICE PLATE BOLT HOLES TO BE FIELD DRILLED. REPAIR GALVANIZING IN ACCORDANCE WITH MASSDOT STANDARD SPECIFICATIONS.



GUARDRAIL DETAIL - LOW POST

NOT TO SCALE



SEQUENCING FOR PROPOSED UTILITY RELOCATION:

- CONTRACTOR SHALL EXPOSE TELECOMMUNICATION DUCTS FROM THE ABUTMENTS TO THE MANHOLE ON THE WEST SIDE AND APPROXIMATELY 25'-50' ON THE EAST SIDE. EARTH MAY BE REMOVED BY MECHANICAL MEANS TO A DEPTH OF 1 FOOT MAXIMUM OR MORE WITH OVERSIGHT OF A VERIZON INSPECTOR PRESENT. THE REMAINING EXCAVATION SHALL BE BY HAND OR VACUUM TRUCK.
- CONTRACTOR SHALL PROVIDE UTILITY PROTECTION THROUGHOUT ABUTMENT DEMOLITION.
- VERIZON WILL 'FREE' THE CONDUITS AND CABLES TO ALLOW FOR ADJUSTMENT ON THE BRIDGE.
- VERIZON WILL ADJUST LOCATION OF CONDUITS ON THE ABUTMENTS PRIOR TO PLACEMENT OF CAST-IN-PLACE CONCRETE BY CONTRACTOR. THE CONTRACTOR WILL CONTINUE TO PROVIDE TEMPORARY UTILITY SUPPORT DURING THIS MOVEMENT AND UNTIL THE TRUSS IS IN PLACE.
- CONTRACTOR SHALL CONTINUE TO PROTECT UTILITIES WHILE FORMING, PLACING REINFORCING STEEL, AND POURING CONCRETE FOR ABUTMENT MODIFICATIONS.
- ONCE TRUSS IS IN PLACE, CONTRACTOR SHALL MOVE EXISTING CONDUITS TO THE PROPOSED UTILITY HANGERS WITH THE OVERSIGHT OF THE VERIZON INSPECTOR AND WITH ASSISTANCE FROM THE VERIZON CONTRACTOR.
- ONCE THE CONDUITS ARE SET ON THE NEW STRUCTURE, VERIZON CONTRACTOR WILL RE-FORM THE DUCT BANKS TO FINAL CONDITION BEHIND EACH ABUTMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR BACKFILL AND FINAL RESTORATION.

ISSUED FOR BID

Proposed Superstructure Replacement
Dudley

Brandon Road Over Mill Race
D-12-027 (1BJ)

MARK	DATE	DESCRIPTION
1	4/20/2026	ADDENDUM 1
0	4/8/2026	FOR BIDDING
PROJECT NO: D5011-019		
DATE: April 26		
FILE: D5011-019_06_DETAILS.dwg		
DRAWN BY: R.ROSE		
DESIGNED BY: D.FELTY		
CHECKED BY: D.FELTY		
APPROVED BY: A.LACASSE		

GUARDRAIL TRANSITION & UTILITY BEARER DETAILS

SCALE: AS SHOWN

SHEET 17 OF 17

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

DISTRICT 3 BRIDGE ENGINEER DATE

Engineer's Quantity Estimate
Brandon Road Bridge - Prefabricated Truss
Town of Dudley, MA

ITEM	DESCRIPTION	QTY	UNITS
127.1	Reinforced Concrete Excavation	30	CY
460	Hot Mix Asphalt (Top and Binder)	190	TON
620.12	Guardrail, TL-2 (Single Faced)	110	FT
627.1	Trailing Anchorage	1	EA
627.82	Guardrail Tangent End Treatment, TL-2	1	EA
628.24	Transition to Bridge Rail	4	EA
905.2	5000 psi, 3/8 Inch, 710 HP Cement Concrete	45	CY
910.1	Steel Reinforcement For Structures - Epoxy Coated	8545	LB

This is an engineer's quantity estimate. Tighe & Bond has no control over the cost or availability of labor, equipment or materials, market conditions or the Contractor's method of pricing, and that the estimates of quantity are made on the basis of the Tighe & Bond's professional judgment and experience. Tighe & Bond makes no guarantee nor warranty, expressed or implied, that the quantities of material needed for the Work will not vary from this estimate of the quantity.