

COMMONWEALTH OF MASSACHUSETTS



CONTRACT DOCUMENTS AND SPECIAL PROVISIONS

PROPOSAL NO.	616301-134932
P.V. =	\$1,623,000.00
PLANS	NO

FOR

**Maintenance and Preservation of Municipal Bridges at Multiple Locations
(D2 Contract 1)**

in the Towns of

GILL-NORTHFIELD-ROYALSTON-WINCENDON

In accordance with the STANDARD SPECIFICATIONS
for HIGHWAYS and BRIDGES dated 2026

This Proposal to be opened and read:

TUESDAY, AUGUST 11, 2026 at 2:00 P.M.

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DOCUMENT 00010

TABLE OF CONTENTS

DOCUMENT 00010	
TABLE OF CONTENTS	00010-1 through 2
DOCUMENT 00102	
NOTICE TO CONTRACTORS	00102- 1 through 2
DOCUMENT 00210	
REQUIREMENTS OF MASSACHUSETTS GENERAL LAWS CHAPTER 30 SECTION 39R; CHAPTER 30, SECTION 39O	00210-1 through 4
DOCUMENT 00331	
LOCUS MAP	00331-1 through 4
DOCUMENT 00439	
CONTRACTOR PROJECT EVALUATION FORM	00439-1 through 2
DOCUMENT 00440	
SUBCONTRACTOR PROJECT EVALUATION FORM	00440-1 through 2
DOCUMENT 00710	
GENERAL CONTRACT PROVISIONS.....	00710-1 through 2
DOCUMENT 00715	
SUPPLEMENTAL SPECIFICATIONS	00715-1 through 4
DOCUMENT 00718	
SPECIAL PROVISION FOR PARTICIPATION BY MINORITY OR WOMEN'S BUSINESS ENTERPRISES AND SERVICE- DISABLED VETERAN- OWNED BUSINESS ENTERPRISES	00718-1 through 10
DOCUMENT 00761	
SPECIAL PROVISIONS FOR CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION	00761-1 through 4
DOCUMENT 00811	
MONTHLY PRICE ADJUSTMENT FOR HOT MIX ASPHALT (HMA) MIXTURES.....	00811-1 through 2
DOCUMENT 00812	
MONTHLY PRICE ADJUSTMENT FOR DIESEL FUEL AND GASOLINE	00812-1 through 2
DOCUMENT 00813	
PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL	00813-1 through 4
DOCUMENT 00814	
PRICE ADJUSTMENT FOR PORTLAND CEMENT CONCRETE MIXES	00814-1 through 2
DOCUMENT 00820	
THE COMMONWEALTH OF MASSACHUSETTS SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY, NON-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM.....	00820-1 through 6
DOCUMENT 00821	
ELECTRONIC REPORTING REQUIREMENTS CIVIL RIGHTS PROGRAM AND CERTIFIED PAYROLL	00821-1 through 2

TABLE OF CONTENTS (Continued)

DOCUMENT 00859	
CONTRACTOR/SUBCONTRACTOR CERTIFICATION FORM	00859-1 through 2
DOCUMENT 00860	
COMMONWEALTH OF MASSACHUSETTS PUBLIC EMPLOYMENT LAWS	00860-1 through 2
DOCUMENT 00861	
STATE PREVAILING WAGE RATES	00861-1 through 130
DOCUMENT A00801	
SPECIAL PROVISIONS	A00801-1 through 62
DOCUMENT A00803	
DRAWINGS AND SKETCHES	A00803-1 through 44
DOCUMENT A00820	
REQUEST FOR RELEASE OF MASSDOT AUTOCAD FILES FORM	A00820-1 through 2
DOCUMENT A00875	
POLICY DIRECTIVE P-22-001 AND POLICY DIRECTIVE P-22-002	A00875-1 through 8
DOCUMENT B00420	
PROPOSAL	B00420-1 through 8
DOCUMENT B00842	
SCHEDULE OF PARTICIPATION BY MINORITY OR WOMEN BUSINESS ENTERPRISE (M/WBE)	B00842-1 through 2
DOCUMENT B00843	
MINORITY OR WOMENS BUSINESS ENTERPRISE PARTICIPATION LETTER OF INTENT	B00843-1 through 2
DOCUMENT B00846	
M/WBE OR SDVOBE JOINT CHECK ARRANGEMENT APPROVAL FORM	B00846-1 through 2
DOCUMENT B00847	
JOINT VENTURE AFFIDAVIT	B00847-1 through 4

*** END OF DOCUMENT ***

DOCUMENT 00102

**NOTICE TO CONTRACTORS**

Electronic proposals for the following project will be received through the internet using www.bidx.com until the date and time stated below and will be posted on www.bidx.com forthwith after the bid submission deadline. No paper copies of bids will be accepted. All Bidders must have a valid vendor code issued by MassDOT in order to bid on projects. Bidders need to apply for a Digital ID at least 14 days prior to a scheduled bid opening date with www.bidx.com.

TUESDAY, AUGUST 11, 2026 at 2:00 P.M. **
GILL-NORTHFIELD-ROYALSTON-WINCENDON

**Maintenance and Preservation of Municipal Bridges at Multiple Locations
(D2 Contract 1)**

****Date Subject to Change**

PROJECT VALUE = \$1,623,000.00

Bidders must be pre-qualified by the Department in the BRIDGE - CONSTRUCTION category to bid on the above project. An award will not be made to a Contractor who is not pre-qualified by the Department prior to the opening of Proposals.

All prospective Bidders who intend to bid on this project must obtain "Request Proposal Form (R109)". The blank "Request Proposal Form (R109)" can be obtained at:
<https://www.mass.gov/prequalification-of-horizontal-construction-firms>.

All prospective Bidders must complete and e-mail an electronic copy of "Request Proposal Form (R109)" to the MassDOT Director of Prequalification for approval:
prequal.r109@dot.state.ma.us.

Proposal documents for official bidders are posted on www.bidx.com. Other interested parties may receive informational Contract Documents containing the Plans and Special Provisions, free of charge.

Bids will be considered, and the contract awarded in accordance with statutes governing such contracts in accordance with Massachusetts General Laws Chapter 30 § 39M.

The Project Bids File Attachments folder for proposals at www.bidx.com shall be used for submitting at the time of bid required information such as the Bid Bond required document, and other documents that may be requested in the proposal.

NOTICE TO CONTRACTORS (Continued)

All parties who wish to have access to information plans and specification must send a “Request for Informational Documents” to MassDOTBidDocuments@dot.state.ma.us.

A Proposal Guaranty in the amount of 5% of the value of the bid is required.

This project is subject to the schedule of prevailing wage rates as determined by the Commissioner of the Massachusetts Department of Labor and Workforce Development, and the Division of Occupational Safety.

PRICE ADJUSTMENTS

This Contract contains price adjustments for hot mix asphalt and Portland cement mixtures, diesel fuel, and gasoline. For reference the base prices are as follows: liquid asphalt \$712.50 per ton, Portland cement \$452.13 per ton, diesel fuel \$3.911 per gallon, and gasoline \$3.136 per gallon, and Steel Base Price Index 362.0. MassDOT posts the **Price Adjustments** on their Highway Division’s website at

<https://www.mass.gov/massdot-contract-price-adjustments>

This Contract contains Price Adjustments for steel. See Document 00813 - PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL for their application and base prices.

MassDOT projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et seq.)

Prospective bidders and interested parties can access this information and more via the internet at WWW.COMMBUYS.COM.

BY: Phillip Eng, Interim MassDOT Secretary
Jonathan L. Gulliver, Undersecretary and Highway Administrator
SATURDAY, JUNE 27, 2026

DOCUMENT 00210

REQUIREMENTS OF MASSACHUSETTS GENERAL LAWS
CHAPTER 30, SECTION 39R;
CHAPTER 30, SECTION 39O

July 1, 1981, updated October 2016

M.G.L. c. 30, § 39R. Award of Contracts; Accounting Statements; Annual Financial Statements; Definitions.

(a) The words defined herein shall have the meaning stated below whenever they appear in this section:

- (1) "Contractor" means any person, corporation, partnership, joint venture, sole proprietorship, or other entity awarded a contract pursuant to sections thirty-eight A1/2 to thirty-eight O, inclusive, of chapter seven and any contract awarded or executed pursuant to section eleven C of chapter twenty-five A, section thirty-nine M of chapter thirty, or sections forty-four A to forty-four H, inclusive, of chapter one hundred and forty-nine, which is for an amount or estimated amount greater than one hundred thousand dollars.
- (2) "Contract" means any contract awarded or executed pursuant to sections thirty-eight A1/2 to thirty-eight O, inclusive, of chapter seven and any contract awarded or executed pursuant to section eleven C of chapter twenty-five A, section thirty-nine M of chapter thirty, or sections forty-four A through forty-four H, inclusive, of chapter one hundred and forty-nine, which is for amount or estimated amount greater than one hundred thousand dollars.
- (3) "Records" means books of original entry, accounts, checks, bank statements and all other banking documents, correspondence, memoranda, invoices, computer printouts, tapes, discs, papers and other documents or transcribed information of any type, whether expressed in ordinary or machine language.
- (4) "Independent Certified Public Accountant" means a person duly registered in good standing and entitled to practice as a certified public accountant under the laws of the place of his residence or principal office and who is in fact independent. In determining whether an accountant is independent with respect to a particular person, appropriate consideration should be given to all relationships between the accountant and that person or any affiliate thereof. Determination of an accountant's independence shall not be confined to the relationships existing in connection with the filing of reports with the awarding authority.
- (5) "Audit", when used in regard to financial statements, means an examination of records by an independent certified public accountant in accordance with generally accepted accounting principles and auditing standards for the purpose of expressing a certified opinion thereon, or, in the alternative, a qualified opinion or a declination to express an opinion for stated reasons.
- (6) "Accountant's Report", when used in regard to financial statements, means a document in which an independent certified public accountant indicates the scope of the audit which he has made and sets forth his opinion regarding the financial statements taken as a whole with a listing of noted exceptions and qualifications, or an assertion to the effect that an overall opinion cannot be expressed. When an overall opinion cannot be expressed the reason therefor shall be stated. An accountant's report shall include as a part thereof a signed statement by the responsible corporate officer attesting that management has fully disclosed all material facts to the independent certified public accountant, and that the audited financial statement is a true and complete statement of the financial condition of the contractor.
- (7) "Management", when used herein, means the chief executive officers, partners, principals or other person or persons primarily responsible for the financial and operational policies and practices of the contractor.
- (8) Accounting terms, unless otherwise defined herein, shall have a meaning in accordance with generally accepted accounting principles and auditing standards.

(b) Subsection (a)(2) hereof notwithstanding, every agreement or contract awarded or executed pursuant to sections thirty-eight A 1/2 to thirty-eight O, inclusive, of chapter seven, or eleven C of chapter twenty-five A, and pursuant to section thirty-nine M of chapter thirty or to section forty-four A through H, inclusive, of chapter one hundred and forty-nine, shall provide that:

- (1) The contractor shall make, and keep for at least six years after final payment, books, records, and accounts which in reasonable detail accurately and fairly reflect the transactions and dispositions of the contractor, and
- (2) Until the expiration of six years after final payment, the office of inspector general, and the commissioner of capital asset management and maintenance shall have the right to examine any books, documents, papers or records of the contractor or of his subcontractors that directly pertain to, and involve transactions relating to, the contractor or his subcontractors, and
- (3) If the agreement is a contract as defined herein, the contractor shall describe any change in the method of maintaining records or recording transactions which materially affect any statements filed with the awarding authority, including in his description the date of the change and reasons therefor, and shall accompany said description with a letter from the contractor's independent certified public accountant approving or otherwise commenting on the changes, and
- (4) If the agreement is a contract as defined herein, the contractor has filed a statement of management on internal accounting controls as set forth in paragraph (c) below prior to the execution of the contract, and
- (5) If the agreement is a contract as defined herein, the contractor has filed prior to the execution of the contracts and will continue to file annually, an audited financial statement for the most recent completed fiscal year as set forth in paragraph (d) below.

(c) Every contractor awarded a contract shall file with the awarding authority a statement of management as to whether the system of internal accounting controls of the contractor and its subsidiaries reasonably assures that:

- (1) transactions are executed in accordance with management's general and specific authorization;
- (2) transactions are recorded as necessary
 - i. to permit preparation of financial statements in conformity with generally accepted accounting principles, and
 - ii. to maintain accountability for assets;
- (3) access to assets is permitted only in accordance with management's general or specific authorization; and
- (4) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action was taken with respect to any difference.

Every contractor awarded a contract shall also file with the awarding authority a statement prepared and signed by an independent certified public accountant, stating that he has examined the statement of management on internal accounting controls, and expressing an opinion as to:

- (1) whether the representations of management in response to this paragraph and paragraph (b) above are consistent with the result of management's evaluation of the system of internal accounting controls; and
- (2) whether such representations of management are, in addition, reasonable with respect to transactions and assets in amounts which would be material when measured in relation to the applicant's financial statements.

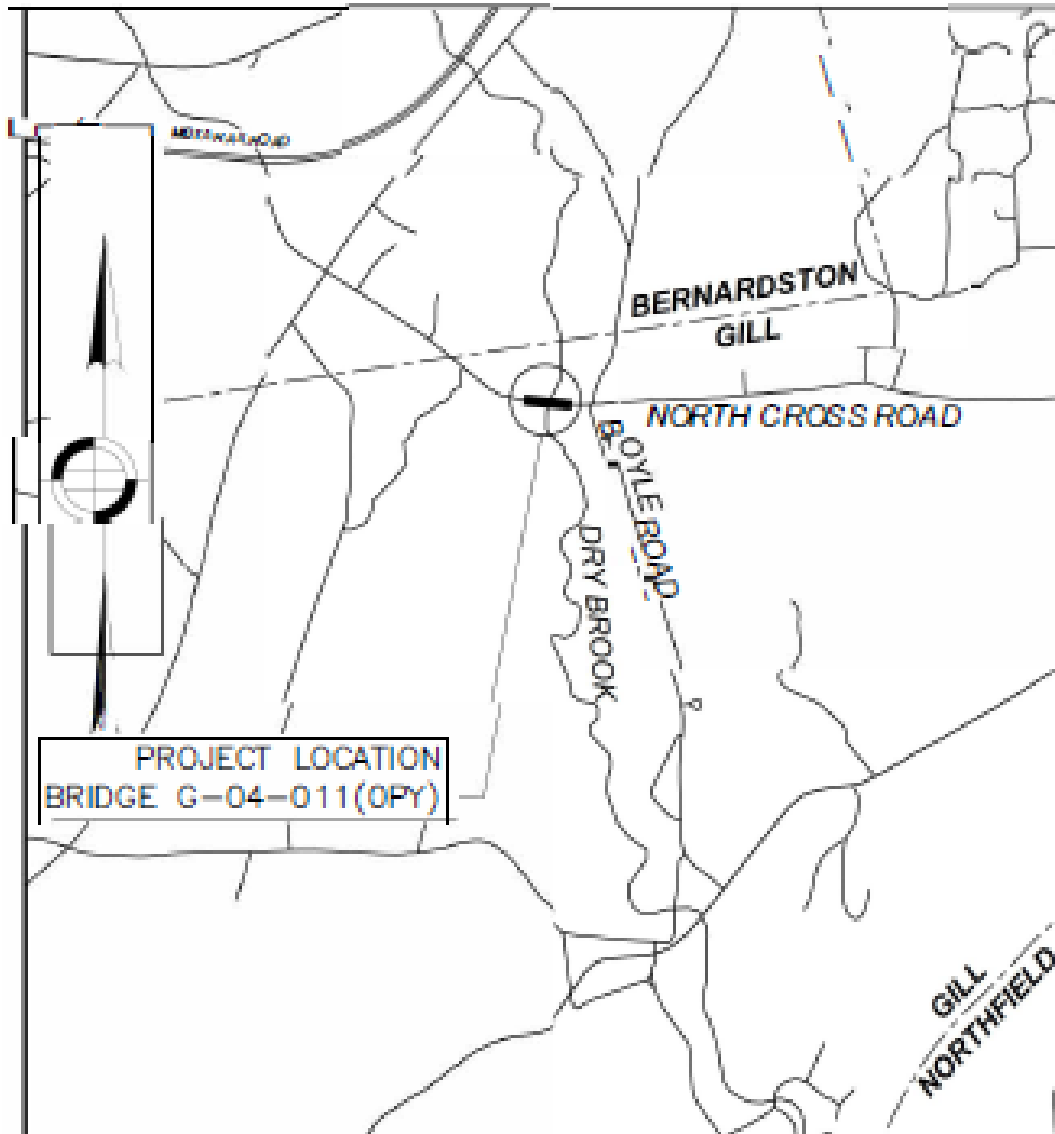
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DOCUMENT 00331

LOCUS MAP

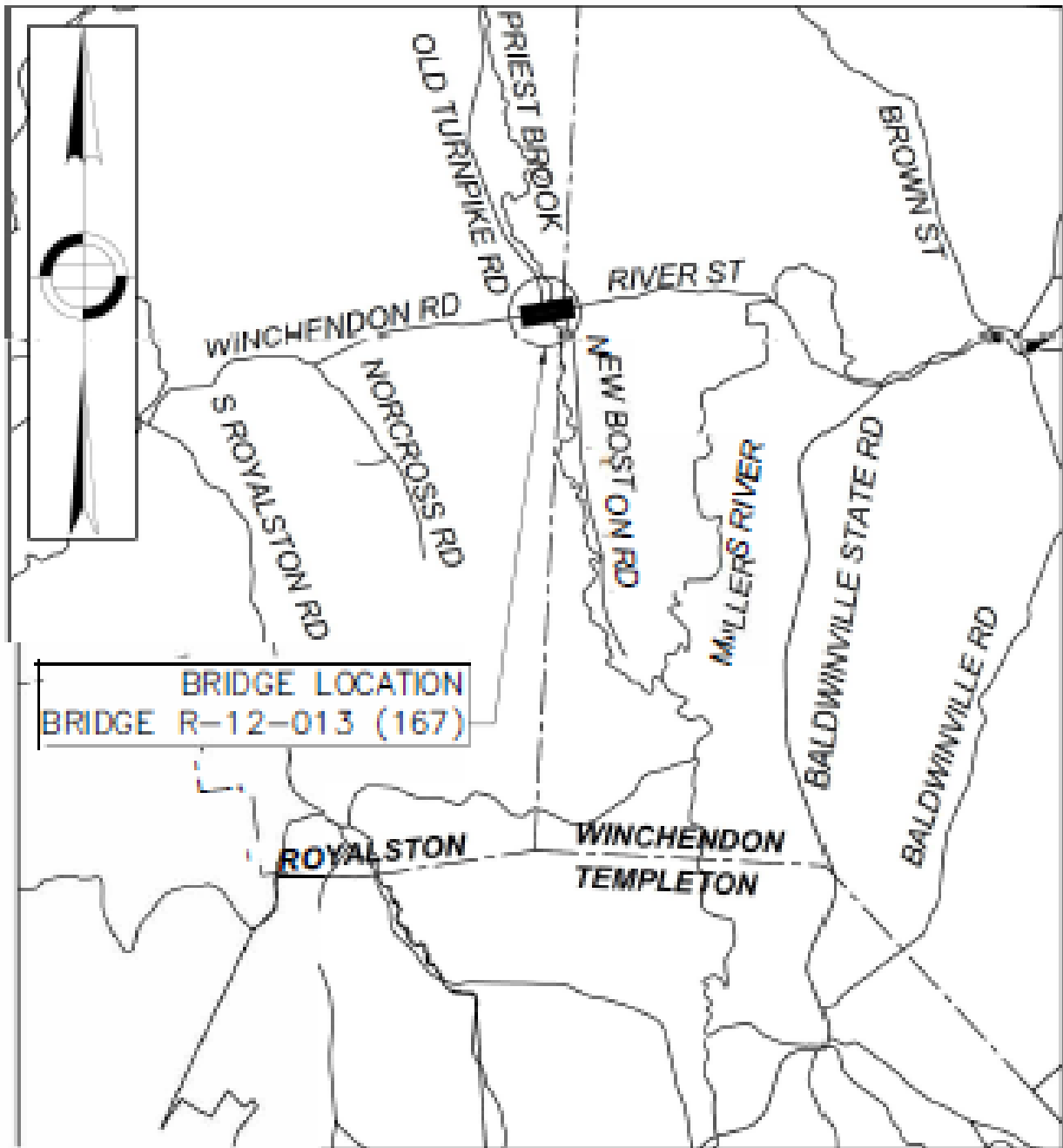
GILL-NORTHFIELD-ROYALSTON-WINCENDON

**Maintenance and Preservation of Municipal Bridges at Multiple Locations
(D2 Contract 1)**



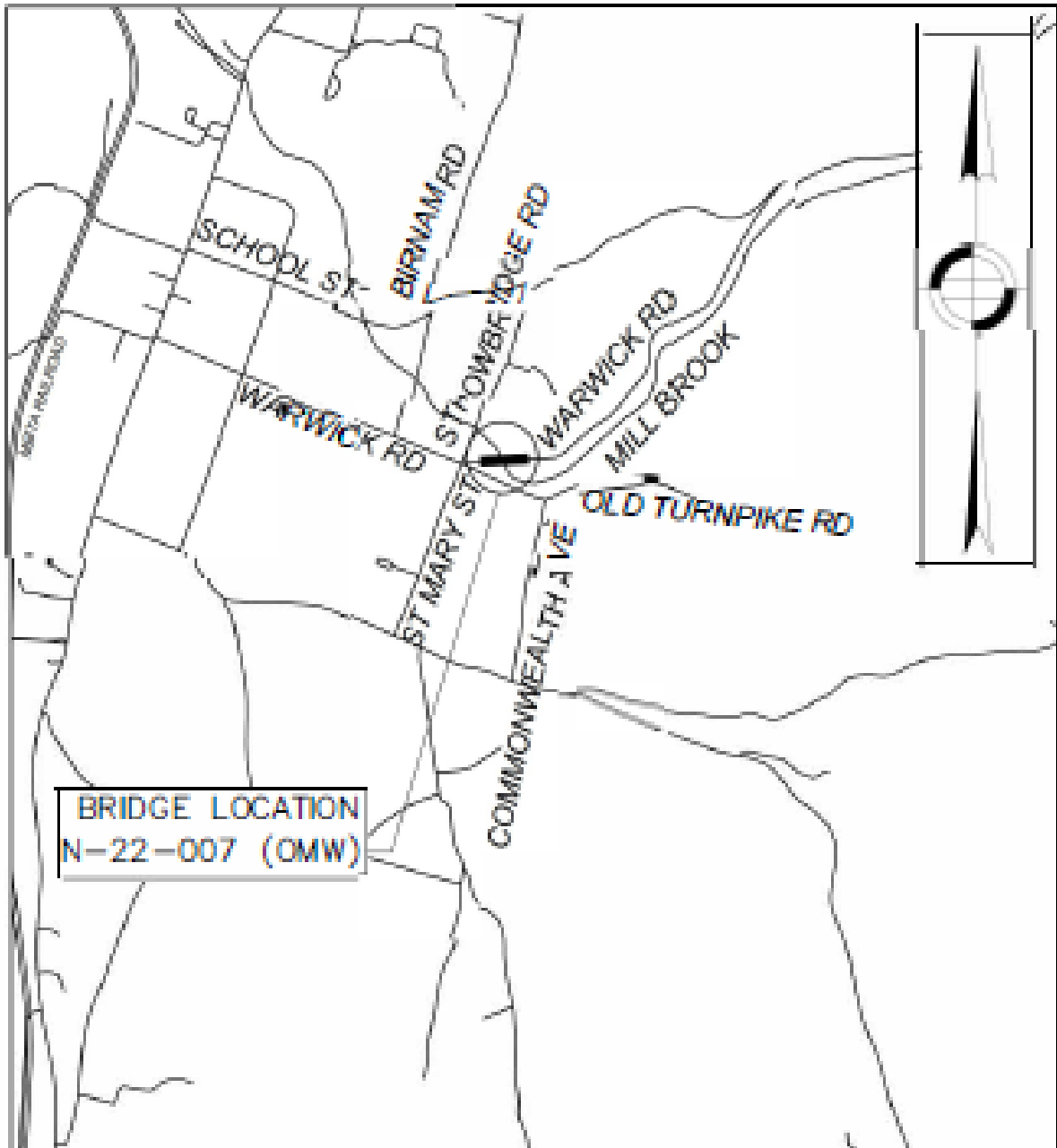
NOT TO SCALE

GILL



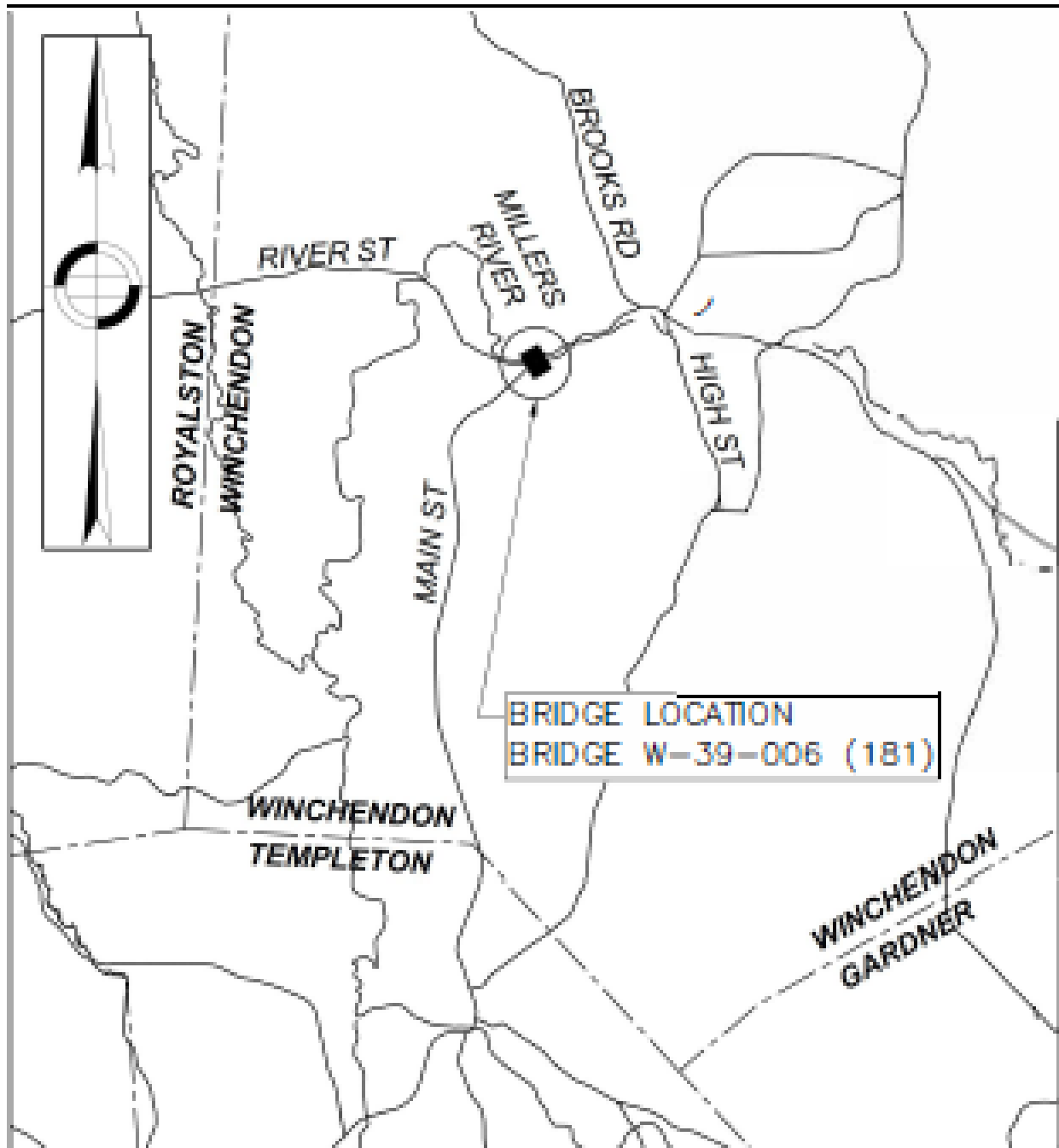
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ROYALSTON



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NORTHFIELD



NOT TO SCALE

WINCHENDON

Final Report ☐Interim Report ☐**CONTRACTOR PROJECT EVALUATION FORM***For instructions on using this form, see Engineering Directive E-10-002, Dated 4/20/2010*

Date: _____

City/Town: _____

Contractor: _____

Project: _____

Address: _____

F.A. No. _____

Contract Number: _____

Bid Price: _____

Notice to Proceed: _____

Funds: State: _____ Fed Aid: _____

Current Contract Completion Date: _____

Date Work Started: _____

Date Work Completed*: _____

Contractor's Superintendent: _____

Division: (indicates class of work) Highway: _____ Bridge: _____ Maintenance: _____

*If work was NOT completed within specified time (including extensions) give reasons on following page.

	Excellent 10	Very Good 9	Average 8	7	Fair 6	5	Poor 4	% Rating
1. Workmanship								x 2=
2. Safety								x 2=
3. Schedule								x 1.5=
4. Home Office Support								x 1=
5. Subcontractors Performance								x 1=
6. Field Supervision/ Superintendent								x 1=
7. Contract Compliance								x 0.5=
8. Equipment								x 0.5=
9. Payment of Accounts								x 0.5=
(use back for additional comments)								
							Overall Rating:	

*(Give explanation of items 1 through 9 on the following page in numerical order if overall rating is below 80%. Use additional sheets if necessary.)*_____
District Construction Engineer's Signature/Date_____
Resident Engineer's Signature/Date_____
Contractor's Signature Acknowledging Report/DateContractor Requests Meeting with the District: No ☐Yes ☐

Date Meeting Held: _____

Contractor's Comments/Meeting Notes (extra sheets may be added to this form and noted here if needed): _____

Final Report ☐Interim Report ☐**SUBCONTRACTOR PROJECT EVALUATION FORM***For instructions on using this form, see Engineering Directive E-10-002, Dated 4/20/2010*

Date: _____

City/Town: _____

Subcontractor: _____

Project: _____

Address: _____

F.A. No.: _____

Contract Number: _____

Prime Contractor _____

Current Contract Completion Date: _____

Date Work Started: _____

Date Work Completed*: _____

Subcontractor's Superintendent: _____

Type of Work Performed by Subcontractor: _____

*If work was NOT completed within specified time (including extensions) give reasons on following page.

	Excellent 10	Very Good 9	Average 8	7	Fair 6	5	Poor 4	% Rating
1. Workmanship								x 2=
2. Safety								x 2=
3. Schedule								x 1.5=
4. Home Office Support								x 1.5=
5. Field Supervision/ Superintendent								x 1=
6. Contract Compliance								x 1=
7. Equipment								x 0.5=
8. Payment of Accounts								x 0.5=
(use back for additional comments)							Overall Rating:	

(Give explanation of items 1 through 8 on the following page in numerical order if overall rating is below 80%. Use additional sheets if necessary.)

District Construction Engineer's Signature/Date _____

Resident Engineer's Signature/Date _____

Contractor Signature Acknowledging Report/Date _____

Subcontractor Signature Acknowledging Report/Date _____

Subcontractor Requests Meeting with the District: No ☐ Yes ☐ Date Meeting Held: _____

Subcontractor's Comments / Meeting Notes (extra sheets may be added to this form and noted here if needed): _____

Contractor's Comments: _____

DOCUMENT 00710
GENERAL CONTRACT PROVISIONS
Revised: 03-31-26

NOTICE OF AVAILABILITY

The STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES dated 2026, the SUPPLEMENTAL SPECIFICATIONS, the 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS; the 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING and the CONSTRUCTION STANDARD DETAILS are available online at <https://www.mass.gov/massdot-highway-division-manuals-and-publications>

SPECIAL PROVISIONS FOR RIGHT-TO-KNOW ACT REQUIREMENTS

The Contractor's attention is directed to Massachusetts General Laws, Chapter 111F, commonly known as the Right-To-Know Act, and to the regulations promulgated pursuant thereto. Among the provisions of the Right-To-Know Act is a requirement that employers make available to employees Materials Safety Data Sheets (MSDS) for any substance on the Massachusetts Substance List (MSL) to which employees are, have been, or may be exposed.

To ensure prompt compliance with these regulations and legislation, the Contractor shall:

1. Deliver to the Department, prior to the start of any work under this contract, copies of MSDS for all MSL substances to be used, stored, processed or manufactured at the worksite by the Contractor.
2. Train employees of the Department, who may be exposed to MSL substances as a result of the Contractor's work under this contract, with regard to those specific substances in accordance with requirements of the Right-To-Know Act.
3. Observe all safety precautions recommended on the MSDS for any MSL substance to be used, stored, processed, or manufactured at the worksite by the Contractor.
4. Inform the Department in writing regarding specific protective equipment recommended in the MSDS for MSL substances to which employees of the Department may be exposed as a result of the Contractor's work under this contract.

The Department shall not be liable for any delay or suspension of work caused by the refusal of its employees to perform any work due to the Contractor's failure to comply with the Right-To-Know Act. The Contractor agrees to hold the Department or the Commissioner of the Department harmless and fully indemnified for any and all claims, demands, fines, actions, complaints, and causes of action resulting from or arising out of the Contractor's failure to comply with the requirements of the Right-To-Know Act.

ALTERNATIVE DISPUTE RESOLUTION

Forum, Choice of Law and Mediations:

Any actions arising out of a contract shall be governed by the laws of Massachusetts and shall be brought and maintained in a State or federal court in Massachusetts which shall have exclusive jurisdiction thereof. MassDOT and the Contractor may both agree to mediation of any claim and will share the costs of such mediation pro rata based on the number of parties involved.

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DOCUMENT 00715



SUPPLEMENTAL SPECIFICATIONS

MARCH 31, 2026

The 2026 *Standard Specifications for Highways and Bridges* are amended by the following modifications, additions and deletions. These Supplemental Specifications prevail over those published in the Standard Specifications.

The Specifications Committee has issued these Supplemental Specifications for inclusion into each proposal until such time as they are updated or incorporated into the next Standard Specifications.

Contractors are cautioned that these Supplemental Specifications are dated and will change as they are updated.

DIVISION I

GENERAL REQUIREMENTS AND COVENANTS

SECTION 5.00: CONTROL OF WORK

Subsection 5.03: Conformity with Plans and Specifications

Change the MGL reference in the first sentence to Chapter 30, Section 39I (from Section 39L).

DIVISION II

CONSTRUCTION DETAILS

SECTION 600: HIGHWAY GUARD, FENCES AND WALLS

SUBSECTION 628: IMPACT ATTENUATORS

Subsection 628.82: General

Replace this subsection with the following:

Item number	Description	Unit
628.302	Permanent Impact Attenuator, Non-Redirective, TL-2	Each
628.303	Permanent Impact Attenuator, Non-Redirective, TL-3	Each
628.304	Temporary Impact Attenuator, Non-Redirective, TL-2	Each
628.305	Temporary Impact Attenuator, Non-Redirective, TL-3	Each
628.312	Permanent Impact Attenuator, Redirective, TL-2	Each
628.313	Permanent Impact Attenuator, Redirective, TL-3	Each
628.314	Temporary Impact Attenuator, Redirective, TL-2	Each
628.315	Temporary Impact Attenuator, Redirective, TL-3	Each
628.322	Permanent Impact Attenuator, Low-Maintenance, TL-2	Each
628.323	Permanent Impact Attenuator, Low-Maintenance, TL-3	Each

SECTION 800: TRAFFIC CONTROL DEVICES

SUBSECTION 813: WIRING, GROUNDING AND SERVICE CONNECTIONS

Subsection 813.20: Payment Items

Replace this subsection with the following:

This work shall consist of furnishing and installing wire and cable of the type and size indicated for traffic signals and other traffic control devices, ITS systems, highway lighting and related electrical systems, equipment grounding systems, new ground electrodes or connections to existing ground electrodes, power pedestals, and all materials and equipment necessary to deliver power to such systems.

Service points shown on the plans are approximate only. The Contractor shall determine exact locations for both overhead and underground service access points. The Contractor shall determine riser elevations or connections/routing to manhole facilities from the serving utility, and arrange to complete the service connections.

All work under this Subsection shall comply with the MEC and the National Electrical Safety Code.

Subsection 813.41: Grounding and Bonding Conductions

Replace this subsection with the following:

Grounding and bonding conductors shall conform to M8.16.10: Type 10 Grounding and Bonding Conductors (Solid or Stranded, Insulated or Bare).

Subsection 813.42: Ground Rods

Replace this subsection with the following:

Ground rods shall consist of driven rod(s) conforming to M8.17.0: Ground Rod or other devices approved for the purpose.

Subsection 813.44: Power Pedestal

Add this subsection in numerical order:

A Power Pedestals shall consist of a side-of-post mounted lockable load center enclosure, a load center with circuit breakers, an exterior-mounted electrical meter, signal post and base, equipment bonding, ground rod(s) conforming to 813.42: Ground Rods, and a cement concrete foundation. The enclosure, lock, circuit breakers, signal post and base, and foundation shall all be included in the Shop Drawing submission.

The enclosure shall be rated to meet or exceed NEMA 3R and be suitable for post-mounting and shall be sized appropriately to house the load center. The enclosure shall be capable of being secured with an integrated locking mechanism or by a Contractor-supplied padlock; regardless of locking mechanism, it shall be operated with a #2 key.

The circuit breakers shall be designed for single-phase, 3-wire, 120/240 VAC. Circuit breakers shall provide a means to manually operate a circuit and/or automatically open a circuit that is in overload or short circuit conditions. All circuit breakers shall be UL listed and have CSA certification.

The enclosure shall be furnished with a meter socket installed. The meter socket shall be approved by the servicing electrical utility.

The signal post and base shall conform to M10.05.1: Signal Posts and Bases and the Plans. The Contractor shall supply a square aluminum base with a natural or anodized finish and a Schedule 80 aluminum post with a brushed or spun finish, unless otherwise indicated in the Plans.

The Contractor shall supply mounting equipment recommended by the enclosure manufacturer to side-mount the cabinet to the post.

Bonding for the Power Pedestal shall utilize a #8 AWG or larger ASTM-B3 wire.

The cement concrete foundation shall conform to the Plans and M4.02.0: Concrete Produced by Stationary and Truck Mixers, M4.03.0: Concrete Produced by Volumetric Mixers, M4.06.1: Conventional Concrete, M4.09.0:

Precast, Prestressed, and Prefabricated Concrete Products, M4.11.0: Evaporation Reducing Materials, and M4.12.0: Curing Materials, as applicable.

Subsection 813.64: Power Pedestal

Add this subsection in numerical order:

No work shall commence until Shop Drawings have been approved.

The Power Pedestal Cabinet shall be mounted side-of-post to the Signal Post, per the manufacturer's recommendations. The Power Pedestal Cabinet should be installed directly below the meter socket, per the Plans. If dissimilar metals are present, they shall be electrically insulated to prevent galvanic corrosion.

The Contractor shall supply the appropriate type (single pole or double pole) and number of circuit breakers included within the Power Pedestal Cabinet to provide the recommended AC power to each device receiving power from the Cabinet. The circuit breakers shall be clearly labeled as to which device they are powering (e.g. RRFB-1, RRFB-2, Warning Beacon, Speed Feedback Sign, etc.).

The Power Pedestal shall be grounded and bonded per 813.61: Equipment Grounding and Bonding and 813.62: Grounding Electrodes.

Subsection 813.80.E: Power Pedestal

Add this subsection in numerical order:

Power Pedestals will be measured on the basis of the number of Power Pedestals each furnished and installed.

Subsection 813.81.E: Power Pedestal

Add this subsection in numerical order:

Power Pedestals will be paid for at the contract unit price for each installed in place. This includes all labor and materials required for a working system.

All costs associated with grounding and bonding of Power Pedestals shall be considered incidental to the item.

All costs associated with providing service connections to Power Pedestals shall be paid for under their respective pay items.

Subsection 813.82: Payment Items

Change the unit of measure for items 813.80 and 813.81 to Each and add the following pay item:

813.90	Power Pedestal	Each

DIVISION III

MATERIALS SPECIFICATIONS

SECTION M10: TRAFFIC CONTROL DEVICES

Subsection M10.03.1: Field Monitoring Unit

Add this new subsection:

All Field Monitoring Units (FMU) shall be compatible with the MassDOT Critical Operations Multi-jurisdictional Modular System (MCOMMS), cloud-based management system.

FMUs shall be capable of operating independently from the brand of traffic signal controller, vehicle and pedestrian detection systems, battery backup system (BBS), and any other Ethernet-based, web accessible device present in the traffic signal controller cabinet.

M10.03.1.A: Hardware

The FMU shall communicate via an Ethernet port with an RJ45 connector and have an integrated Ethernet switch with a minimum of four ports.

DOCUMENT 00718

SPECIAL PROVISION FOR PARTICIPATION BY MINORITY OR WOMEN'S BUSINESS ENTERPRISES
AND SERVICE- DISABLED VETERAN- OWNED BUSINESS ENTERPRISES(Implementing Chapter 102, Section 24 and
Chapter 273, Section 124, of the Acts of 1994 and Chapter 56, Sections 1 to 5 of the Acts of 2010
and subsequent Acts)

Revised: September 27, 2021

I. PARTICIPATION

M/WBE PARTICIPATION GOAL

On this Contract, the Massachusetts Department of Transportation (MassDOT) has established a goal for participation by Minority or Women Business Enterprise(s) (M/WBE). One half of the goal shall be met in the form of contractor activity. This goal shall remain in effect throughout the life of the Contract.

☒ Design-Bid-Build Projects: M/WBE Participation Goal 7 %
(One half of this goal shall be met in the form of Subcontractor construction activity)

☐ Design-Build Projects: M/WBE Design Participation Goal ____% and M/WBE Construction Participation Goal ____%
(One half of the Construction Goal shall be met in the form of Subcontractor construction activity)

SDVOBE PARTICIPATION BENCHMARK

On this Contract, the Massachusetts Department of Transportation (MassDOT) has established a goal for participation by Service- Disabled Veteran- Owned Business Enterprise(s) (SDVOBE). This goal shall remain in effect throughout the life of the Contract.

☐ Design-Bid-Build Projects: SDVOBE Participation Goal ____%

☐ Design-Build Projects: SDVOBE Design Participation Goal ____% and SDVOBE Construction Participation Goal ____%

II. POLICY

It is the policy of the MassDOT that Minority, Women Business Enterprises (M/WBEs) and Service- Disabled Veteran- Owned Business Enterprises (SDVOBEs) have equal opportunity to receive and participate in the performance of its state funded Contracts.

III. M/WBE and SDVOBE OBLIGATION

The Contractor agrees to take all necessary and reasonable steps to ensure that MBE, WBE, and SDVOBEs have the maximum opportunity to compete for, and to perform, Department Contracts.

IV. FAILURE TO COMPLY WITH M/WBE OR SDVOBE REQUIREMENTS

All Contractors and Subcontractors are hereby advised that failure to carry out the requirements of these Provisions constitutes a breach of Contract which may result in termination of the Contract, a determination that the Contractor or Subcontractor be barred from bidding on Department Contracts for up to three (3) years, or any other remedy as the Department may impose under Section XIV of these Special Provisions.

V. REQUIRED SUBCONTRACT PROVISIONS

The Prime Contractor shall include the Provisions of Sections II, III, and IV above in every subcontract making those provisions binding on each subcontractor, supplier, manufacturer, consultant or service provider.

VI. DEFINITIONS

For the purpose of these Special Provisions, the terms listed below are defined as follows:

Minority Business Enterprise or MBE means any individual, business organization, or non-profit corporation certified as a MBE by the Supplier Diversity Office (SDO), formerly known as the State Office of Minority and Women Business Assistance (SOMWBA), or by the Department for the purposes of a particular bid or proposal to be submitted to the Department.

Women Business Enterprise or WBE means any individual, business or organization, or non-profit corporation certified as a WBE by SDO, or by the Department for the purposes of a particular bid or proposal to be submitted to the Department.

Service- Disabled Veterans- Owned Businesses or SDVOBE means a business not less than 51 percent of which is owned by one or more service- disabled veterans or, in the case of any publicly owned business, not less than 51 percent of the stock of which is owned by one or more service-disabled veterans; and the management and daily business operations of which are controlled by one or more service- disabled veterans or, in the case of a veteran with permanent and severe disability, the spouse or permanent caregiver of such veteran.

"Contractor activity" means any work, including but not limited to, construction, demolition, renovation, survey, test boring services, or maintenance work performed under the Contract.

"Approved Joint Venture" means a joint venture between M/WBEs and non-M/WBEs, or SDVOBEs and non-SDVOBEs, which has been established for the purpose of participation on a particular contract, where:

1. The M/WBE or SDVOBE partner(s) shares in the ownership, control, management responsibilities, risks and profits of the joint venture; and
2. The Joint Venture has been approved by the Department for M/WBE or SDVOBE participation on the particular contract.

"Equipment Rental Firm" means a firm that owns equipment and assumes actual and contractual responsibility to rent said equipment to perform a useful function of the work of the contract consistent with normal industry practice.

"Material Supplier" means a vendor engaged in sales to the highway construction industry from an established place of business or source of supply, which:

- (a) Manufactures goods from raw materials or substantially alters them before resale, or
- (b) Provides and maintains a storage facility for materials used in the work, consistent with normal industry practice.

"Department" means the Massachusetts Department of Transportation (MassDOT).

"SDO" means the Massachusetts Supplier Diversity Office.

VII. ELIGIBILITY of M/WBEs

Only firms, *OTHER THAN THE PRIME CONTRACTOR*, which have been certified by SDO and/or the Department as eligible to participate on state funded contracts as MBEs or WBEs may be used on this contract for credit toward the toward the M/WBE participation goal.

1. SDO Directory of Certified M/WBEs: The Supplier Diversity Office publishes a Directory of certified MBE and WBEs. This Directory can be obtained from SDO at <https://www.sdo.osd.state.ma.us/>. This site lists those firms which have been certified as minority owned (MBEs) or women owned (WBEs) in accordance with the criteria of 425 CMR 2.00 et seq to participate as M/WBEs on state funded contracts. It also lists the kinds of work in which each firm engages but does not constitute an endorsement of the quality or performance of any business and does not represent Department subcontractor approval.
2. Application for Certification by the Department for a Particular Project: A firm which has (1) submitted a fully completed M/WBE application to SDO at least 30 days previously, (2) has provided in a timely manner, any additional information which may have been requested by SDO, and (3) can provide evidence, satisfactory to the Department, of a bidder's conditional commitment to subcontract with the firm, if certified, may apply directly to the MassDOT Office of Civil Rights to be certified for participation on the particular contract.
3. Joint Venture Approval: To obtain recognition as an approved joint venture between M/WBEs and non-M/WBEs, the Joint Venture must provide to the MassDOT Office of Civil Rights, at least 14 business days before the bid opening date, the Joint Venture Affidavit Document B00847, and a copy of the Joint Venture Agreement, which shall include a detailed breakdown of the following:
 - (a) Capital participation by the M/WBE,
 - (b) Specific equipment to be provided to the Joint Venture by the M/WBE,
 - (c) Specific responsibilities of the M/WBE in the management of the Joint Venture,
 - (d) Workforce and specific skills to be provided to the Joint Venture by the M/WBE, and
 - (e) Percentage distribution to the M/WBE of the projected profit or loss incurred by the Joint Venture.
 - (f) The Joint Venture shall provide all such additional information as may be requested by the Department for the purpose of determining joint venture eligibility.

VIII. ELIGIBILITY of SDVOBEs

Only firms, *OTHER THAN THE PRIME CONTRACTOR*, which have demonstrated that they are listed as a service-disabled veteran- owned small businesses within the VetBiz database may be used on this contract for credit toward the SDVOBE participation goal.

1. VetBiz Database: The website, located at www.VetBiz.gov, listing verified service- disabled veteran- owned businesses.
2. Joint Venture Approval: To obtain recognition as an approved joint venture between SDVOBEs and non-SDVOBEs, the joint venture must provide to the MassDOT Office of Civil Rights, at least 14 business days before the bid opening date, an application for joint venture participation approval, and a copy of the Joint Venture Agreement, which shall include a detailed breakdown of the following:
 - (a) Capital participation by the SDVOBE,
 - (b) Specific equipment to be provided to the joint venture by the SDVOBE,
 - (c) Specific responsibilities of the SDVOBE in the management of the Joint Venture,
 - (d) Workforce and specific skills to be provided to the joint venture by the SDVOBE, and

- (e) Percentage distribution to the SDVOBE of the projected profit or loss incurred by the Joint Venture.
- (f) The Joint Venture shall provide all such additional information as may be requested by the Department for the purpose of determining joint venture eligibility.

IX. COUNTING M/WBE PARTICIPATION AND SDVOBE BENCHMARKS TOWARDS M/WBE AND SDVOBE GOALS

In order for M/WBE participation and SDVOBE benchmarks to count toward the Contract goal, the M/WBE and SDVOBE must have independently managed, supervised and performed the Contract work with its own workforce, equipment and resources. M/WBE and SDVOBE participation which fulfills these requirements shall be counted toward meeting the M/WBE and SDVOBE goals in accordance with the following rules:

- 1 If a firm has been determined to be an eligible MBE, WBE or SDVOBE, the total dollar value of the contract performed by the M/WBE or SDVOBE is counted toward the applicable goal as follows:
 - a. Except as provided below, in Section IX (1)(g), work performed by a M/WBE or a SDVOBE Prime Contractor shall not be counted toward the M/WBE or SDVOBE goal, and all Prime Contractors, including M/WBE or SDVOBE Prime Contractors, must comply with the M/WBE and SDVOBE requirements of this Contract.
 - b. For a M/WBE or SDVOBE material supplier, sixty percent (60%) of the amount to be paid for materials and supplies required under this Contract shall be credited toward the goal.
 - c. For a M/WBE or SDVOBE who provides a bonafide service such as professional, technical, consultant or managerial services and assistance in the procurement of essential personnel, facilities, equipment, materials, or supplies required for performance of the contract, reasonable fees or commissions charged for the service shall be listed, but the cost of items themselves shall not be credited.
 - d. For a M/WBE or SDVOBE hauler, trucker, or delivery service, which is not also the manufacturer of or a regular dealer in the materials and supplies, reasonable fees charged for delivery of materials and supplies required on the job site shall be credited; the cost of the materials and supplies themselves shall not be credited.
 - e. For a M/WBE or SDVOBE who provides any bonds or insurance specifically required for the performance of the contract, reasonable fees or commissions charged for such service shall be listed, but the face amount or actual premium paid for the bond or insurance shall not be credited.
 - f. The Department shall determine if the fees or commissions listed in accordance with paragraphs (c), (d), and (e) are not excessive as compared with fees or commissions customarily allowed for similar services.
 - g. That portion of the contract total dollar value equal to the percentage of ownership and control of the M/WBE partner(s) or SDVOBE partner(s) in an approved Joint Venture shall be counted toward the Contract goal, except that credit for M/WBE and SDVOBE participation in an approved Prime Joint Venture shall not exceed one half of the Contract goal.

X. JOINT CHECK POLICY

1. MassDOT recognizes that the use of joint checks may be a business practice required by material suppliers and vendors in the construction industry. A joint check is a two-party check issued by a/the Prime Contractor to a M/WBE or SDVOBE third party such as a regular dealer of material or supplies. The Prime Contractor issues the check as payor to the M/WBE or SDVOBE and the third party jointly as payees to guarantee payment to the third party for materials or supplies obtained or to be used by the M/WBE or SDVOBE. MassDOT has established criteria to ensure that M/WBEs or SDVOBEs are in fact performing a commercially useful function ("CUF") while using a joint check arrangement. Contractors and M/WBEs or SDVOBEs must meet and conform to these conditions and criteria governing the use of joint checks.

2. In the event that a Contractor, M/WBE or SDVOBE Subcontractor desires to use a joint check, MassDOT will require prior notice and will closely monitor the arrangement for compliance. MassDOT may allow a joint check arrangement and give credit to a Contractor for use of the M/WBE or SDVOBE where one or more of the following conditions exist:
 - The use of a joint check is in fact required by this type of vendor or supplier as a standard industry practice that applies to all Contractors (M/WBEs, SDVOBE and non-M/WBEs or non-SDVOBEs); or is required by a specific vendor or supplier;
 - Payment for supplies or materials would be delayed for an unreasonably extended period without the joint check arrangement;
 - The M/WBE or SDVOBE (or any of its Subcontractors) has a pattern or history of not paying a vendor or supplier within a reasonable time or has not established enough of a credit history with the supplier or vendor; and/or
 - The presence of severe adverse economic conditions, where credit resources may be limited and such practices may be necessary or required to effect timely payments.
3. Other factors MassDOT may consider:
 - Whether there is a requirement by the Prime Contractor that a M/WBE or SDVOBE should use a specific vendor or supplier to meet their Subcontractor specifications;
 - Whether there is a requirement that a M/WBE or SDVOBE use the Prime Contractor's negotiated price;
 - The independence of the M/WBE or SDVOBE;
 - Whether approval has been sought prior to use of a joint check arrangement; and
 - Whether any approved joint check arrangement has exceeded a reasonable period of use;
 - The operation of the joint check arrangement; and
 - Whether the M/WBE or SDVOBE has made an effort to establish alternate arrangements for following periods (i.e., the M/WBE or SDVOBE must show it can, or has, or why it has not, established or increased a credit line with the vendor or supplier).

Even with the use of a Joint Check, both the Contractor and M/WBE or SDVOBE remain responsible for compliance with all other elements of the Special Provisions, and must still be able to prove that a commercially useful function is being performed for the Contractor.

XI. JOINT CHECK PROCEDURES

- The M/WBE or SDVOBE advises its General or Prime Contractor that it will have to use a Joint Check and provide proof of such requirement.
- The General or the Prime Contractor submits a request for approval to MassDOT, using MassDOT's approved Joint Check Request form (Document B00846) and by notification on the M/WBE Letter of Intent (Document B00843) or SDVOBE Letter of Intent (Document B00845), and any other relevant documents. Requests that are not initiated during the bid process should be made in writing and comply with the procedure.
- The Contractor and M/WBE or SDVOBE must have:
 - (a) a written agreement with the material supplier/vendor;
 - (b) applied for credit with the subject material supplier and has supplied the vendor's response;

- (c) shown that it will place all orders to the subject material supplier/vendor;
 - (d) made and retains all decision-making responsibilities concerning the materials; and
 - (e) provided a Joint Check Agreement that is acceptable to MassDOT;
- The MassDOT Office of Civil Rights will review the request and render a decision as part of the approval process for M/WBE or SDVOBE Schedules and Letters of Intent.
 - Review and Approval will be project specific and relevant documents will be made part of the Project Contract file.
 - Payments should be made in the name of both the M/WBE or SDVOBE and vendor or supplier. Payments should be issued and signed by the Contractor as only the guarantor for prompt payment of purchases to the vendor or supplier. The payment to the vendor or supplier should be handled by the M/WBE or SDVOBE (i.e. if possible, funds or the joint check should be processed by the M/WBE or SDVOBE and sent by the M/WBE or SDVOBE to the vendor or supplier).
 - MassDOT may request copies of cancelled checks (front and back) and transmittal information to verify any payments made to the M/WBE or SDVOBE and vendor or supplier.
 - MassDOT may request other information and documents, and may ask questions of the Contractor, Subcontractor and vendor or supplier prior to, during, and after the project performance to ascertain whether the Subcontractor is performing a commercially useful function and all parties are complying with M/WBE or SDVOBE Program policies and procedures as part of the Subcontractor approval process.

XII. AWARD DOCUMENTATION AND PROCEDURES

1. The two lowest bidders/the two bidders with the lowest price per quality score point, including any M/WBE bidder or SDVOBE bidder, shall submit, by the close of business on the third business day after the bid opening, a completed Schedule of M/WBE and SDVOBE participation, in the form attached, which shall list:
 - a. The full company name, address and telephone number of each M/WBE or SDVOBE with whom the bidder intends to make a commitment;
 - b. The Contract item(s), by number(s) and quantity(ies), if applicable, or specific description of other business activity to be performed by each M/WBE or SDVOBE as set forth in the Letters of Intent. The bidder shall list only firms which have the capacity to perform, manage and supervise the work proposed in accordance with the requirements of Section XII of these Special Provisions.
 - c. The total dollar amount to be paid to each M/WBE or SDVOBE. (Bidders are cautioned that at least one half of the participation goal must be met with Contract work.)
 - d. The total dollar amount to be paid to each M/WBE or SDVOBE which is eligible for credit toward the M/WBE or SDVOBE goal under the crediting rules set out in Section IX.
 - e. The total creditable M/WBE or SDVOBE participation as a percentage of the total bid price.
2. All firms listed on the Schedule must be currently certified.
3. The two lowest bidders/the two bidders with the lowest price per quality score point shall submit with their Schedules of Participation, fully completed, signed Letters of Intent from each of the M/WBEs or SDVOBEs listed on the Schedule. The Letters of Intent shall be in the form attached and shall identify specifically the contract activity the M/WBE or SDVOBE proposes to perform, expressed as contract item number, if applicable, description of the activity, quantity, unit price and total price. In the event of discrepancy between the Schedule and the Letter of Intent, the Letter of Intent shall govern.

4. Evidence of good faith efforts will be evaluated by the Department in the selection of the lowest responsible bidder/best value bidder. All information requested by the Department for the purpose of evaluating the bidder's efforts to achieve the goal must be provided within three calendar days and must be accurate and complete in every detail. The apparent low bidder's/best value bidder's attainment of the M/WBE or SDVOBE goal or a satisfactory demonstration of good faith efforts is a prerequisite for Award of the Contract.
5. Failure to meet, or to demonstrate good faith efforts to meet, the requirements of these Special Provisions shall render a bid non-responsive. Therefore, in order to be eligible for award, the bidder (1) must list on the Schedule of Participation, and provide the required Letters of Intent for, M/WBE or SDVOBE participation which meets or exceeds the Contract goal in accordance with the terms of these Special Provisions or (2) must demonstrate, to the satisfaction of the Department, that good faith efforts were made to achieve the goal.
6. If the Department finds that the percentage of M/WBE or SDVOBE participation submitted by the bidder on its Schedule does not meet the Contract goal, or that the Letters of Intent were not timely filed, and that the bidder has not demonstrated good faith efforts to comply with these requirements, it shall propose that the bidder be declared ineligible for Award. In that case, the bidder may request administrative reconsideration. Such requests must be sent in writing within three calendar days of receiving notice of proposed ineligibility to: The Office of the General Counsel, Massachusetts Department of Transportation, 10 Park Plaza, Boston, MA, 02116.
7. If, after administrative reconsideration, the Department finds that the bidder has not shown that sufficient good faith efforts were made to comply with the requirements of these Special Provisions it shall reject the bidder's proposal and may retain the proposal guaranty.
8. Actions which constitute evidence of good faith efforts to meet the M/WBE or SDVOBE goals include, but are not limited to, all of the following examples:
 - a. Efforts made to select portions of the work proposed to be performed by M/WBEs or SDVOBEs in order to increase the likelihood of achieving the stated goal, including, where appropriate, but not limited to, breaking down contracts into economically feasible units to facilitate M/WBE and SDVOBE participation. The value of such work is required to at least equal the M/WBE and SDVOBE goal.
 - b. Reasonable written notification prior to the opening of bids soliciting individual M/WBEs or SDVOBEs interested in participation in the contract as subcontractors, regular dealers, manufacturers, consultants, or service providers and identifying the specific items or type of work being solicited.
 - c. Written notification to M/WBE or SDVOBE economic development assistance agencies and organizations which provide assistance in recruitment and placement of M/WBEs and SDVOBEs, describing the type of work, supplies or services being considered for M/WBE or SDVOBE subcontracting on this contract.
 - d. Efforts made to negotiate with M/WBEs or SDVOBEs for specific items of work including evidence of:
 - (1) The names, addresses, telephone numbers of M/WBEs or SDVOBEs who were contacted, the dates of initial contact and whether initial solicitations of interest were followed up by contacts with M/WBEs or SDVOBEs to determine with certainty whether the M/WBEs or SDVOBEs were interested. Personal or phone contacts are expected.
 - (2) A description of the information provided by the M/WBEs or SDVOBEs regarding the plans and specifications and estimated quantities for portions of the work to be performed.
 - (3) A statement of why additional agreements with M/WBEs or SDVOBEs were not reached.
 - (4) Documentation of each M/WBE or SDVOBE contacted but rejected and the reasons for the rejection.
 - e. Absence of any agreements between the Contractor and the M/WBE or SDVOBE in which M/WBE or SDVOBE promises not to provide subcontracting quotations to other bidders.
 - f. Efforts made to assist the M/WBEs or SDVOBEs that need assistance in obtaining bonding, insurance, or lines of credit required by the Contractor.

- g. Documentation that qualified M/WBEs or SDVOBEs are not available, or are not interested.
 - h. Attendance at any meeting scheduled by the Department to encourage better Contractor-M/WBE or Contractor- SDVOBE relationships and/or to inform M/WBEs or SDVOBEs of forthcoming M/WBE or SDVOBE utilization opportunities.
 - i. Advertisement, in general circulation media, in trade association publications and in disadvantaged business enterprise-focused media, of interest in utilizing M/WBEs or SDVOBEs and the area of interest.
 - j. Efforts to effectively use the services of available minority community organizations; women organizations, veteran organizations, minority, women disadvantaged and veteran contractor's groups; local, state and federal disadvantaged business assistance offices; and other organizations that provide assistance in recruitment and placement of M/WBEs or SDVOBEs.
9. The demonstration of good faith efforts must establish that the Contractor has actively and aggressively sought out M/WBEs or SDVOBEs to participate in the project and has taken all actions which could be reasonably expected to achieve the goal. Examples of circumstances or actions not acceptable as reasons for failure to meet the M/WBE or SDVOBE goal, include, but are not limited to:
- a. The M/WBE or SDVOBE was unable to provide performance and/or payment bonds.
 - b. The M/WBEs or SDVOBEs commercially reasonable bid was rejected based on price.
 - c. The M/WBE or SDVOBE would not agree to perform items of work at the unit bid price.
 - d. The Contractor does not want to subcontract a percentage of the work sufficient to meet the goal.
 - e. Solicitation by mail or fax only.

XIII. COMPLIANCE

- 1. All activity performed by a M/WBE or SDVOBE for credit toward the Contract goal must be performed, managed and supervised by the M/WBE or SDVOBE. Prime Contractor shall not enter into, or condone, any other arrangement.
- 2. The Prime Contractor shall not perform with its own organization, or assign to any other business, any activity designated for the M/WBEs or SDVOBEs named on the Schedule submitted by the Prime Contractor under Section IX, or under Section XII(6), without the approval of the Department in accordance with the requirements of Sections XIII(6) and XIII(10).
- 3. The Department may suspend payment for any activity which was not performed by the M/WBE or SDVOBE to whom the activity was committed on the approved Schedule of Participation, or which was not performed in accordance with the requirements of Section XIII(1).
- 4. The Department retains the right to approve or disapprove all subcontractors. Requests by the Prime Contractor for approval of participation by a M/WBE or SDVOBE subcontractor for credit toward the Contract goal must include, in addition to any other requirements for subcontractor approval, the following:
 - a. A copy of the proposed subcontract. The subcontract must be for at least the dollar amount, and for the work described, in the Prime Contractor's Schedule of Participation.
 - b. A resume stating the qualifications and experience of the M/WBE or SDVOBE superintendent and/or foreperson who will supervise the on-site work. A new resume will be required for any change in supervisory personnel during the progress of the work.
 - c. A Schedule of Operations indicating when the M/WBE or SDVOBE is expected to perform the work.

- d. A list of (1) equipment owned by the M/WBE or SDVOBE to be used on the Project, and (2) equipment to be leased by the M/WBE or SDVOBE for use on the Project.
 - e. A list of: (1) all projects (public and private) which the M/WBE or SDVOBE is currently performing, (2) all projects (public and private) to which the M/WBE or SDVOBE is committed, (3) all projects (public and private) to which the M/WBE or SDVOBE intends to make a commitment. For each contract, list the contracting organization, the name and telephone number of a contact person for the contracting organization, the dollar value of the work, a description of the work, and the M/WBEs or SDVOBEs work schedule for each project.
5. If, pursuant to the subcontractor approval process, the Department finds that a M/WBE or SDVOBE subcontractor does not have sufficient experience or resources to perform, manage and supervise work of the kind proposed in accordance with the requirements of Section XIII(1), approval of the M/WBE or SDVOBE subcontractor may be denied. In the event of such denial, the Prime Contractor shall proceed in accordance with the requirements of Sections XIII(6) and XIII(10).
 6. If, for reasons beyond its control, the Prime Contractor cannot comply with its M/WBE or SDVOBE commitment in accordance with the Schedule of participation submitted under Section IX and the terms of these Special Provisions, the Prime Contractor shall submit to the Department the reasons for its inability to comply with its obligations under Section I and shall submit, and request approval for, a revised Schedule of Participation. If approved by the Department, the revised Schedule shall govern the Prime Contractor's performance in meeting its obligations under these special provisions.
 7. A Prime Contractor's compliance with the participation goal in Section I shall be determined by reference to the required percentage of the total Contract price, including any additions and modifications thereto, provided, however, that no decrease in the dollar amount of a bidder's commitment to any M/WBE or SDVOBE shall be allowed without the approval of the Department.
 8. If the Contract amount is increased, the Prime Contractor shall submit a revised Schedule of Participation in accordance with Sections XIII(6) and XIII(10).
 9. In the event of the decertification of a M/WBE or SDVOBE participating or scheduled to participate on the contract for credit toward the goal, the Contractor shall proceed in accordance with Sections XIII(6) and XIII(10).
 10. The Prime Contractor shall notify the Department immediately of any facts which come to its attention indicating that it may or will be unable to comply with any aspect of its M/WBE or SDVOBE obligation under this Contract.
 11. Any notice required by these Special Provisions shall be given in writing to the Resident Engineer and the district designated Compliance Officer with a copy to the Director of Compliance, Office of Diversity and Civil Rights, 10 Park Plaza, Room 3170, Boston MA 02116.
 12. The Prime Contractor and its subcontractors shall comply with the Department's Electronic Reporting System Requirements (Contract Document 00821) and submit all information required by the Department related to the M/WBE Special Provisions and SDVOBE Special Provisions through the Equitable Business Opportunity Solution (EBO). The Department reserves the right to request reports in the format it deems necessary anytime during the performance of the Contract.
 13. The Contractor shall pay each M/WBE or SDVOBE for satisfactory performance of its Contract no later than 10 days from receipt of payment for the work from the Department. Any delay or postponement of payment to the M/WBEs or SDVOBEs must be for good cause and only with the prior approval of the Department.
 14. The Department may withhold the Contractor's next periodic payment if each M/WBE or SDVOBE is not paid in accordance with Section XIII(13).
 15. The Department may require specific performance of the Prime Contractor's commitment under the Contract by requiring the Prime Contractor to subcontract with a M/WBE or SDVOBE for any contract or specialty item.

XIV. SANCTIONS

If the Prime Contractor does not comply with the terms of these Special Provisions and cannot demonstrate to the satisfaction of the Department that good faith efforts were made to achieve such compliance, the Department may, in addition to any other remedy provided for in the Contract, and notwithstanding any other provision in the Contract:

1. Retain, in connection with final acceptance and final payment, an amount determined by multiplying the total contract amount by the percentage in Section I, less the amount paid to approved M/WBEs or SDVOBEs for work performed under the Contract in accordance with the provisions of Section X. The Prime Contractor shall have the right to appeal such retention of funds in accordance with the provisions of M.G.L. c. 30A s.10.
2. Suspend, terminate or cancel this Contract, in whole or in part, and call upon the Prime Contractor's surety to perform all terms and conditions in the Contract.
3. In accordance with 720 CMR 5.05(1)(f), modify or revoke the Prime Contractor's Prequalification status or recommend that the Prime Contractor not receive award of a pending Contract. The Prime Contractor may appeal the determination of the Prequalification Committee in accordance with the provisions of 720 CMR 5.07.
4. Initiate debarment proceedings under M.G.L. c.29 §29F.

XV. FURTHER INFORMATION

Any proposed M/WBE, SDVOBE, bidder, Contractor or subcontractor shall provide such information as is necessary in the judgement of the Department to ascertain its compliance with the terms of this Special Provision.

XVI. LIST OF ADDITIONAL DOCUMENTS

1. The following documents shall be completed and signed by the bidder and designated M/WBEs or SDVOBEs in accordance with Section XII - Award Documentation and Procedures. These documents must be returned by the bidder to MassDOT's Bid Document Distribution Center:
 - ☐ Schedule of M/WBEs (Document B00842) or SDVOBE Participation (Document B00844)
 - ☐ Letter of Intent: M/WBEs (Document B00843) or SDVOBE (Document B00845)
 - ☐ M/WBEs or SDVOBE Joint Check Arrangement Approval Form (Document B00846), if Contractor and M/WBE or SDVOBE plan, or if M/WBE or SDVOBE is required to use a Joint Check (when applicable)
2. The following document shall be signed and returned by Contractor and Subcontractors/M/WBEs or SDVOBEs to the MassDOT District Office overseeing the Project, as applicable:
 - ☐ Contractor/Subcontractor Certification Form (Document No. 00859) (a checklist of other documents to be included with every subcontract (M/WBEs or SDVOBEs and non-M/WBEs or SDVOBEs alike)).
3. The following document shall be provided to MassDOT's Office of Civil Rights and Prequalification Office at least fourteen (14) business days before the bid opening date:
 - ☐ Joint Venture Affidavit of M/WBE or SDVOBE/Non-M/WBE or Non-SDVOBE (Document B00847)
4. The following document shall be provided to MassDOT's District Office of Civil Rights within 30 calendar days after the work of the M/WBE is completed, or no later than 30 calendar days after the work of the M/WBE is on a completed and processed CQE. This document shall be completed and submitted by the Prime Contractor:
 - ☐ Certificate of Completion by a Minority/Women or Disadvantaged Business Enterprise (M/WBE) (Form No. CSD-100)

** END OF DOCUMENT **

DOCUMENT 00761

**SPECIAL PROVISIONS FOR CERTIFICATION REGARDING DEBARMENT,
SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION**

Revised: 02/09/16

I. Instructions for Certification - Primary Covered Transactions:

By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.

1. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the MassDOT's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.
2. The certification in this clause is a material representation of fact upon which reliance was placed when the MassDOT determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available, the MassDOT may terminate this transaction for cause of default.
3. The prospective primary participant shall provide immediate written notice to the MassDOT if any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the MassDOT for assistance in obtaining a copy of those regulations.
5. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the MassDOT.
6. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," provided by the MassDOT, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the nonprocurement portion of the "Lists of Parties Excluded From Federal Procurement or Nonprocurement Programs" (Nonprocurement List) which is compiled by the General Services Administration and the Debarment Lists compiled by both the Massachusetts Office of the Attorney General and the Department of Capital Asset Management and Maintenance (DCAMM) and published separately in the Central Register.
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available, the MassDOT may terminate this transaction for cause or default.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion -- Primary Covered Transactions

The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal, State or local department or agency;
2. Have not within a 3-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 2 of this certification; and
4. Have not within a 3-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

II. Instructions for Certification - Lower Tier Covered Transactions:

By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

1. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available the MassDOT may pursue available remedies, including suspension and/or debarment.
2. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.
3. The terms "covered transaction," "debarred," "suspended," "ineligible," "primary covered transaction," "participant," "person," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the MassDOT for assistance in obtaining a copy of those regulations.
4. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the MassDOT.
5. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
6. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List and the Debarment Lists.

7. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
8. Except for transactions authorized under paragraph 4 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, the MassDOT may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion - Lower Tier Covered Transactions

The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal, State or local department or agency.

Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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DOCUMENT 00811

SPECIAL PROVISIONS
MONTHLY PRICE ADJUSTMENT FOR HOT MIX ASPHALT (HMA) MIXTURES
Revised: 02/03/2023

This provision applies to all projects using greater than 100 tons of hot mix asphalt (HMA) mixtures containing liquid asphalt cement as stipulated in the Notice to Contractors section of the bid documents.

Price Adjustments will be based on the variance in price, for the liquid asphalt component only, between the Base Price and the Period Price. They shall not include transportation or other charges. Price Adjustments will occur on a monthly basis.

Base Price

The Base Price of liquid asphalt on a project as listed in the Notice to Contractors section of the bid documents is a fixed price determined by the Department at the time of the bid using the same method as the determination of the Period Price detailed below. The Base Price shall be used in all bids.

Period Price

The Period Price is the price of liquid asphalt for each monthly period as determined by the Department using the average selling price per standard ton of PG64-28 paving grade (primary binder classification) asphalt, FOB manufacturer's terminal, as listed under the "East Coast Market - New England, Boston, Massachusetts area" section of the Poten & Partners, Inc. "Asphalt Weekly Monitor". This average selling price is listed in the issue having a publication date of the second Friday of the month and will be posted as the Period Price for that month. The Department will post this Period Price on its website at <https://www.mass.gov/service-details/massdot-current-contract-price-adjustments> following its receipt of the relevant issue of the "Asphalt Weekly Monitor". Poten and Partners has granted the Department the right to publish this specific asphalt price information sourced from the Asphalt Weekly Monitor.

Price Adjustment Determination, Calculation and Payment

The Contract Price of the HMA mixture will be paid under the respective item in the Contract. Price Adjustments, as herein provided, either upwards or downwards, will be made after the work has been performed using the monthly period price for the month during which the work was performed.

Price Adjustments will be paid only if the variance from the Base Price is 5% or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

The Price Adjustment applies only to the actual virgin liquid asphalt content in the mixture placed on the job in accordance with the approved Job Mix Formula.

Price Adjustments will be separate payment items. The pay item numbers are 999.401 for a positive price adjustment (a payment) and 999.402 for a negative price adjustment (a deduction). Price Adjustments will be calculated using the following equation:

Price Adjustment = Tons of HMA Placed X Liquid Asphalt Content % X RAP Factor X (Period Price - Base Price)

No Price Adjustment will be allowed beyond the Completion Date of this Contract, unless there is a Department-approved extension of time.

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DOCUMENT 00812

SPECIAL PROVISIONS
MONTHLY PRICE ADJUSTMENT FOR DIESEL FUEL AND GASOLINE –
ENGLISH UNITS
Revised: 02/01/2021

This monthly fuel price adjustment is inserted in this contract because the national and worldwide energy situation has made the future cost of fuel unpredictable. This adjustment will provide for either additional compensation to the Contractor or repayment to the Commonwealth, depending on an increase or decrease in the average price of diesel fuel or gasoline.

This adjustment will be based on fuel usage factors for various items of work developed by the Highway Research Board in Circular 158, dated July 1974. These factors will be multiplied by the quantities of work done in each item during each monthly period and further multiplied by the variance in price from the Base Price to the Period Price.

The Base Price of Diesel Fuel and Gasoline will be the price as indicated in the Department's web site <https://www.mass.gov/service-details/massdot-current-contract-price-adjustments> for the month in which the contract was bid, which includes State Tax.

The Period Price will be the average of prices charged to the State, including State Tax for the bulk purchases made during each month.

This adjustment will be effected only if the variance from the Base Price is 5% or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No adjustment will be paid for work done beyond the extended completion date of any contract.

Any adjustment (increase or decrease) to estimated quantities made to each item at the time of final payment will have the fuel price adjustment figured at the average period price for the entire term of the project for the difference of quantity.

The fuel price adjustment will apply only to the following items of work at the fuel factors shown:

ITEMS COVERED	FUEL FACTORS	
	Diesel	Gasoline
Excavation: and Borrow Work: Items 120, 120.1, 121, 123, 124, 125, 127, 129.3, 140, 140.1, 141, 142, 143, 144, 150, 150.1, 151 and 151.1 (Both Factors used)	0.29 Gallons / CY.	0.15 Gallons / CY
Surfacing Work: All Items containing Hot Mix Asphalt	2.90 Gallons / Ton	Does Not Apply

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DOCUMENT 00813

SPECIAL PROVISIONS

PRICE ADJUSTMENTS FOR STRUCTURAL STEEL AND REINFORCING STEEL

June 17, 2026

This special provision applies to all projects containing the use of structural steel and/or reinforcing steel as specified elsewhere in the Contract work. It applies to all structural steel and all reinforcing steel, as defined below, on the project. Compliance with this provision is mandatory, i.e., there are no “opt-in” or “opt-out” clauses. Price adjustments will be handled as described below and shall only apply to unfabricated reinforcing steel bars and unfabricated structural steel material, consisting of rolled shapes, plate steel, sheet piling, pipe piles, steel castings and steel forgings.

Price adjustments will be variances between Base Prices and Period Prices. Base Prices and Period Prices are defined below.

Price adjustments will only be made if the variances between Base Prices and Period Prices are 5% or more. A variance can result in the Period Price being either higher or lower than the Base Price. Once the 5% threshold has been achieved, the adjustment will apply to the full variance between the Base Price and the Period Price.

Price adjustments will be calculated by multiplying the number of pounds of unfabricated structural steel material or unfabricated reinforcing steel bars on a project by the index factor calculated as shown below under Example of a Period Price Calculation.

Price adjustments will not include guardrail panels or the costs of shop drawing preparation, handling, fabrication, coatings, transportation, storage, installation, profit, overhead, fuel costs, fuel surcharges, or other such charges not related to the cost of the unfabricated structural steel and unfabricated reinforcing steel.

The weight of steel subject to a price adjustment shall not exceed the final shipping weight of the fabricated part by more than 10%.

Base Prices and Period Prices are defined as follows:

Base Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are fixed prices determined by the Department and found in the table below. While it is the intention of the Department to make this table comprehensive, some of a project’s unfabricated structural steel and/or unfabricated reinforcing steel may be inadvertently omitted. Should this occur, the Contractor shall bring the omission to the Department’s attention so that a contract alteration may be processed that adds the missing steel to the table and its price adjustments to the Contract.

The Base Price Date is the month and year of the most recent finalized period price index at the time that MassDOT opened bids for the project. The Base Price Index for this contract is the Steel PPI listed in the Notice to Contractors.

Period Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are variable prices that have been calculated using the Period Price Date and an index of steel prices to adjust the Base Price.

The Period Price Date is the date the steel was delivered to the fabricator as evidenced by an official bill of lading submitted to the Department containing a description of the shipped materials, weights of the shipped materials and the date of shipment. This date is used to select the Period Price Index.

The index used for the calculation of Period Prices is the U.S. Department of Labor Bureau of Labor Statistics Producer Price Index (PPI) Series ID WPU101702 (Not Seasonally Adjusted, Group: Metals and Metal Products, Item: Semi-finished Steel Mill Products.) As this index is subject to revision for a period of up to four (4) months after its original publication, no price adjustments will be made until the index for the period is finalized, i.e., the index is no longer suffixed with a “(P)”.

Period Prices are determined as follows:

Period Price = Base Price X Index Factor

Index Factor = Period Price Index / Base Price Index

Example of a Period Price Calculation:

Calculate the Period Price for December 2009 using a Base Price from March 2009 of \$0.82/Pound for 1,000 Pounds of ASTM A709 (AASHTO M270) Grade A36 Structural Steel Plate.

The Period Price Date is December 2009. From the PPI website*, the Period Price Index = 218.0.

The Base Price Date is March 2009. From the PPI website*, the Base Price Index = 229.4.

Index Factor = Period Price Index / Base Price Index = $218.0 / 229.4 = 0.950$

Period Price = Base Price X Index Factor = $\$0.82/\text{Pound} \times 0.950 = \$0.78/\text{Pound}$

Since $\$0.82 - \$0.78 = \$0.04$ is less than 5% of \$0.82, no price adjustment is required.

If the \$0.04 difference shown above was greater than 5% of the Base Price, then the price adjustment would be 1,000 Pounds X \$0.04/Pound = \$40.00. Since the Period Price of \$0.78/Pound is less than the Base Price of \$0.82/Pound, indicating a drop in the price of steel between the bid and the delivery of material, a credit of \$40.00 would be owed to MassDOT. When the Period Price is higher than the Base Price, the price adjustment is owed to the Contractor.

* To access the PPI website and obtain a Base Price Index or a Period Price Index, go to <http://data.bls.gov/cgi-bin/srgate>

End of example.

The Contractor will be paid for unfabricated structural steel and unfabricated reinforcing steel under the respective contract pay items for all components constructed of either structural steel or reinforced Portland cement concrete under their respective Contract Pay Items.

Price adjustments, as herein provided for, will be paid separately as follows:

Structural Steel

Pay Item Number 999.449 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.457 for negative (-) pay adjustments (credits to MassDOT Highway Division)

Reinforcing Steel

Pay Item Number 999.466 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.467 for negative (-) pay adjustments (credits to MassDOT Highway Division)

No price adjustment will be made for price changes after the Contract Completion Date, unless the MassDOT Highway Division has approved an extension of Contract Time for the Contract.

TABLE

Steel Type		Price per Pound
1	ASTM A615/A615M Grade 60 (AASHTO M31 Grade 60 or 420) Reinforcing Steel	\$0.56
2	ASTM A27 (AASHTO M103) Steel Castings, H-Pile Points & Pipe Pile Shoes (See Note below.)	\$0.78
3	ASTM A668 / A668M (AASHTO M102) Steel Forgings	\$0.78
4	ASTM A108 (AASHTO M169) Steel Forgings for Shear Studs	\$0.80
5	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Plate	\$0.84
6	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Shapes	\$0.79
7	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Plate	\$0.84
8	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Shapes	\$0.79
9	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Plate	\$0.87
10	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Shapes	\$0.80
11	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W 345W Structural Steel Plate	\$0.87
12	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W or 345W Structural Steel Shapes	\$0.80
13	ASTM A709/A709M Grade HPS 50W / AASHTO M270M/M270 Grade HPS 50W or 345W Structural Steel Plate	\$0.91
14	ASTM A709/A709M Grade HPS 70W / AASHTO M270M/M270 Grade HPS 70W or 485W Structural Steel Plate	\$0.98
15	ASTM A514/A514M-05 Grade HPS 100W / AASHTO M270M/M270 Grade HPS 100W or 690W Structural Steel Plate	\$1.50
16	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Plate	\$0.87
17	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Shapes	\$0.80
18	ASTM A276 Type 316 Stainless Steel	\$4.51
19	ASTM A240 Type 316 Stainless Steel	\$4.51
20	ASTM A148 Grade 80/50 Steel Castings (See Note below.)	\$1.55
21	ASTM A53 Grade B Structural Steel Pipe	\$0.98
22	ASTM A500 Grades A, B, 36 & 50 Structural Steel Pipe	\$0.98
23	ASTM A252, Grades 240 (36 KSI) & 414 (60 KSI) Pipe Pile	\$0.78
24	ASTM 252, Grade 2 Permanent Steel Casing	\$0.78
25	ASTM A36 (AASHTO M183) for H-piles, steel supports and sign supports	\$0.82
26	ASTM A328 / A328M, Grade 50 (AASHTO M202) Steel Sheetpiling	\$1.48
27	ASTM A572 / A572M, Grade 50 Sheetpiling	\$1.48
28	ASTM A36/36M, Grade 50	\$0.84
29	ASTM A570, Grade 50	\$0.82
30	ASTM A572 (AASHTO M223), Grade 50 H-Piles	\$0.84
31	ASTM A1085 Grade A (50 KSI) Steel Hollow Structural Sections (HSS), heat-treated per ASTM A1085 Supplement S1	\$0.98
32	AREA 140 LB Rail and Track Accessories	\$0.51

NOTE: Steel Castings are generally used only on moveable bridges. Cast iron frames, grates and pipe are not “steel” castings and will not be considered for price adjustments.

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DOCUMENT 00814

SPECIAL PROVISIONS
PRICE ADJUSTMENT FOR PORTLAND CEMENT CONCRETE MIXES

January 12, 2009

This provision applies to all projects using greater than 100 Cubic Yards (76 Cubic Meters) of Portland cement concrete containing Portland cement as stipulated in the Notice to Contractors section of the Bid Documents. This Price Adjustment will occur on a monthly basis.

The Price Adjustment will be based on the variance in price for the Portland cement component only from the Base Price to the Period Price. It shall not include transportation or other charges.

The Base Price of Portland cement on a project is a fixed price determined at the time of bid by the Department by using the same method as for the determination of the Period Price (see below) and found in the Notice to Contractors.

The Period Price of Portland cement will be determined by using the latest published price, in dollars per ton (U.S.), for Portland cement (Type I) quoted for Boston, U.S.A. in the **Construction Economics** section of *ENR Engineering News-Record* magazine or at the ENR website <http://www.enr.com> under **Construction Economics**. The Period Price will be posted on the MassDOT website the Wednesday immediately following the publishing of the monthly price in ENR, which is normally the first week of the month.

The Contract Price of the Portland cement concrete mix will be paid under the respective item in the Contract. The price adjustment, as herein provided, upwards or downwards, will be made after the work has been performed, using the monthly period price for the month during which the work was performed.

The price adjustment applies only to the actual Portland cement content in the mix placed on the job in accordance with the Standard Specifications for Highways and Bridges, Division III, Section M4.02.01. No adjustments will be made for any cement replacement materials such as fly ash or ground granulated blast furnace slag.

The Price Adjustment will be a separate payment item. It will be determined by multiplying the number of cubic yards of Portland cement concrete placed during each monthly period times the Portland cement content percentage times the variance in price between the Base Price and Period Price of Portland cement.

This Price Adjustment will be paid only if the variance from the Base Price is 5% or more for a monthly period. The complete adjustment will be paid in all cases with no deduction of the 5% from either upward or downward adjustments.

No Price Adjustment will be allowed beyond the Completion Date of this Contract, unless there is a Department-approved extension of time.

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DOCUMENT 00820

**THE COMMONWEALTH OF MASSACHUSETTS
SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY,
NON-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM**

I. Definitions

For purposes of this contract,

"Minority" means a person who meets one or more of the following definitions:

- (a) American Indian or Native American means: all persons having origins in any of the original peoples of North America and who are recognized as an Indian by a tribe or tribal organization.
- (b) Asian means: All persons having origins in any of the original peoples of the Far East, Southeast Asia, the Indian sub-continent, or the Pacific Islands, including, but Not limited to China, Japan, Korea, Samoa, India, and the Philippine Islands.
- (c) Black means: All persons having origins in any of the Black racial groups of Africa, including, but not limited to, African-Americans, and all persons having origins in any of the original peoples of the Cape Verdean Islands.
- (d) Eskimo or Aleut means: All persons having origins in any of the peoples of Northern Canada, Greenland, Alaska, and Eastern Siberia.
- (e) Hispanic means: All persons having their origins in any of the Spanish-speaking peoples of Mexico, Puerto Rico, Cuba, Central or South America, or the Caribbean Islands.

"State construction contract" means a contract for the construction, reconstruction, installation, demolition, maintenance or repair of a building or capital facility, or a contract for the construction, reconstruction, alteration, remodeling or repair of a public work undertaken by a department, agency, board, or commission of the commonwealth.

"State assisted construction contract" means a contract for the construction, reconstruction, installation, demolition, maintenance or repair of a building or capital facility undertaken by a political subdivision of the commonwealth, or two or more political subdivisions thereof, an authority, or other instrumentality and whose costs of the contract are paid for, reimbursed, grant funded, or otherwise supported, in whole or in part, by the commonwealth.

II. Equal Opportunity, Non-Discrimination and Affirmative Action

During the performance of this Contract, the Contractor and all subcontractors (hereinafter collectively referred to as "the Contractor") for a state construction contract or a state assisted construction contract, for him/herself, his/her assignees and successors in interest, agree to comply with all applicable equal employment opportunity, non-discrimination and affirmative action requirements, including but not limited to the following:

In connection with the performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, sex, sexual orientation, genetic information, military service, age, ancestry or disability, shall not discriminate in the selection or retention of subcontractors, and shall not discriminate in the procurement of materials and rentals of equipment.

The aforesaid provision shall include, but not be limited to, the following: employment upgrading, demotion, or transfer; recruitment advertising, layoff or termination; rates of pay or other forms of compensation; conditions or privileges of employment; and selection for apprenticeship or on-the-job training opportunity. The Contractor shall comply with the provisions of chapter 151B of the Massachusetts General Laws, as amended, and all other applicable anti-discrimination and equal opportunity laws, all of which are herein incorporated by reference and made a part of this Contract.

The Contractor shall post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the Massachusetts Commission Against Discrimination setting forth the provisions of the Fair Employment Practices Law of the Commonwealth (Massachusetts General Laws Chapter 151 B).

In connection with the performance of work under this contract, the Contractor shall undertake, in good faith, affirmative action measures to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, sex, sexual orientation, genetic information, military service, age, ancestry or disability. Such affirmative action measures shall entail positive and aggressive measures to ensure nondiscrimination and to promote equal opportunity in the areas of hiring, upgrading, demotion or transfer, recruitment, layoff or termination, rate of compensation, apprenticeship and on-the-job training programs. A list of positive and aggressive measures shall include, but not be limited to, advertising employment opportunities in minority and other community news media; notifying minority, women and other community-based organizations of employment opportunities; validating all job specifications, selection requirements, and tests; maintaining a file of names and addresses of each worker referred to the Contractor and what action was taken concerning such worker; and notifying the administering agency in writing when a union with whom the Contractor has a collective bargaining agreement has failed to refer a minority or woman worker. These and other affirmative action measures shall include all actions required to guarantee equal employment opportunity for all persons, regardless of race, color, religious creed, national origin, sex, sexual orientation, genetic information, military service, age, ancestry or disability. One purpose of this provision is to ensure to the fullest extent possible an adequate supply of skilled tradesmen for this and future Commonwealth public construction projects.

III. Minority and Women Workforce Participation

Pursuant to his/her obligations under the preceding section, the Contractor shall strive to achieve on this project the labor participation goals contained herein. Said participation goals shall apply in each job category on this project including but not limited to bricklayers, carpenters, cement masons, electricians, ironworkers, operating engineers and those classes of work enumerated in Section 44F of Chapter 149 of the Massachusetts General Laws. The participation goals for this project shall be 15.3% for minorities and 6.9% for women. The participation goals, as set forth herein, shall not be construed as quotas or set-asides; rather, such participation goals will be used to measure the progress of the Commonwealth's equal opportunity, non-discrimination and affirmative action program. Additionally, the participation goals contained herein should not be seen or treated as a floor or as a ceiling for the employment of particular individuals or group of individuals.

IV. Liaison Committee

At the discretion of the agency that administers the contract for the construction project there may be established for the life of the contract a body to be known as the Liaison Committee. The Liaison Committee shall be composed of one representative each from the agency or agencies administering the contract for the construction project, hereinafter called the administering agency, a representative from the Office of Affirmative action, and such other representatives as may be designated by the administering agency. The Contractor (or his/her agent, if any, designated by him/her as the on-site equal employment opportunity officer) shall recognize the Liaison Committee as an affirmative action body, and shall establish a continuing working relationship with the Liaison Committee, consulting with the Liaison Committee on all matters related to minority recruitment, referral, employment and training.

V. Reports and Records

The Contractor shall prepare projected workforce tables on a quarterly basis when required by the administering agency. These shall be broken down into projections, by week, of workers required in each trade. Copies shall be furnished one week in advance of the commencement of the period covered, and also, when updated, to the administering agency and the Liaison Committee when required.

The Contractor shall prepare weekly reports in a form approved by the administering agency, unless information required is required to be reported electronically by the administering agency, the number of hours worked in each trade by each employee, identified as woman, minority, or non-minority. Copies of these shall be provided at the end of each such week to the administering agency and the Liaison Committee.

Records of employment referral orders, prepared by the Contractor, shall be made available to the administering agency on request.

The Contractor will provide all information and reports required by the administering agency on instructions issued by the administering agency and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the administering agency to effect the employment of personnel. This provision shall apply only to information pertinent to the Commonwealth's supplementary non-discrimination, equal opportunity and access and opportunity contract requirements. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the administering agency and shall set forth what efforts he has made to obtain the information.

VI. Access to Work Site

A designee of the administering agency and a designee of the Liaison Committee shall each have a right to access the work site.

VII. Solicitations for Subcontracts, and for the Procurement of Materials and Equipment

In all solicitations either by competitive bidding or negotiation made by the Contractor either for work to be performed under a subcontract or for the procurement of materials or equipment, each potential subcontractor or supplier shall be notified in writing by the Contractor of the Contractor's obligations under this contract relative to non-discrimination and equal opportunity.

VIII. Sanctions

Whenever the administering agency believes the General or Prime Contractor or any subcontractor may not be operating in compliance with the provisions of the Fair Employment Practices Law of the Commonwealth (Massachusetts General Laws Chapter 151B), the administering agency may refer the matter to the Massachusetts Commission Against Discrimination ("Commission") for investigation.

Following the referral of a matter by the administering agency to the Massachusetts Commission Against Discrimination, and while the matter is pending before the MCAD, the administering agency may withhold payments from contractors and subcontractors when it has documentation that the contractor or subcontractor has violated the Fair Employment Practices Law with respect to its activities on the Project, or if the administering agency determines that the contractor has materially failed to comply with its obligations and the requirements of this Section. The amount withheld shall not exceed a withhold of payment to the General or Prime Contractor of 1/100 or 1% of the contract award price or \$5,000, whichever sum is greater, or, if a subcontractor is in non-compliance, a withhold by the administering agency from the General Contractor, to be assessed by the General Contractor as a charge against the subcontractor, of 1/100 or 1% of the subcontractor price, or \$1,000 whichever sum is greater, for each violation of the applicable law or contract requirements. The total withheld from anyone General or Prime Contractor or subcontractor on a Project shall not exceed \$20,000 overall. No withhold of payments or investigation by the Commission or its agent shall be initiated without the administering agency providing prior notice to the Contractor.

If, after investigation, the Massachusetts Commission Against Discrimination finds that a General or Prime Contractor or subcontractor, in commission of a state construction contract or state-assisted construction contract, violated the provisions of the Fair Employment Practices Law, the administering agency may convert the amount withheld as set forth above into a permanent sanction, as a permanent deduct from payments to the General or Prime Contractor or subcontractor, which sanction will be in addition to any such sanctions, fines or penalties imposed by the Massachusetts Commission Against Discrimination.

No sanction enumerated under this Section shall be imposed by the administering agency except after notice to the General or Prime Contractor or subcontractor and an adjudicatory proceeding, as that term is used, under Massachusetts General Laws Chapter 30A, has been conducted.

IX. 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.

X. Contractor's Certification

After award and prior to the execution of any contract for a state construction contract or a state assisted construction contract, the Prime or General Contractor shall certify that it will comply with all provisions of this Document 00820 Supplemental Equal Employment Opportunity, Non-Discrimination and Affirmative Action Program, by executing Document 00859 Contractor/Subcontractor Certification Form.

XI. Subcontractor Requirements

Prior to the award of any subcontract for a state construction contract or a state assisted construction contract, the Prime or General Contractor shall provide all prospective subcontractors with a complete copy of this Document 00820 entitled "Supplemental Equal Employment Opportunity, Non-Discrimination and Affirmative Action Program" and will incorporate the provisions of this Document 00820 into any and all contracts or work orders for all subcontractors providing work on the Project. In order to ensure that the said subcontractor's certification becomes a part of all subcontracts under the prime contract, the Prime or General Contractor shall certify in writing to the administering agency that it has complied with the requirements as set forth in the preceeding paragraph by executing Document 00859 Contractor/Subcontractor Certification Form.

Rev'd 03/07/14

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DOCUMENT 00821

**ELECTRONIC REPORTING REQUIREMENTS
CIVIL RIGHTS PROGRAMS AND CERTIFIED PAYROLL**

Implemented on March 2, 2009

Revised June 04, 2019

The Massachusetts Department Of Transportation (MassDOT) has replaced the CHAMP reporting system with Equitable Business Opportunity Solution (EBO), a new web-based civil rights reporting software system. This system is capable of handling both civil rights reporting requirements and certified payrolls. The program's functions include the administration of Equal Employment Opportunity (EEO) requirements, On-The-Job Training requirements (OJT), Disadvantage Business Enterprise (DBE) and/or Minority / Women's Business Enterprise (M/WBE) subcontracting requirements, and the electronic collection of certified payrolls associated with MassDOT projects. In addition, this system is used to generate various data required as part of the American Recovery and Reinvestment Act (ARRA). Contractors are responsible for all coordination with all sub-contractors to ensure timely and accurate electronic submission of all required data.

Contractor and Sub-Contractor EBO User Certification

All contractors and sub-contractors must use the EBO software system. The software vendor, Internet Government Solutions (IGS), has developed an online EBO Training Module that is available to contractors and sub-contractors. This module is a self-tutorial which allows all users in the company to access the training, complete the tutorial, and become certified as EBO users for a one time fee of \$75.00. This is the only cost to contractors and sub-contractors associated with the EBO software system. The online EBO Training Module can be accessed at www.ebotraining.com. Click the "Register My Company" button on the login page to begin your training registration. Questions regarding EBO online training should be directed to Gerry Anguilano, IGS at (440) 238-1684.

MassDOT will track contractors and sub-contractors who have successfully completed the on-line training module. All persons performing civil rights program and/or certified payroll functions should be EBO certified.

Vetting of Firms and Designated Firm Individuals

Contractors must authorize a Primary Log-In ID Holder who has completed EBO on-line training to have access to the EBO system by completing and submitting the "Request For EBO System Log-In/Password Form" located on the MassDOT website at: <https://www.mass.gov/how-to/how-to-get-an-ebo-login>. Contractors must also agree to comply with the EBO system user agreement located on the MassDOT website.

All subcontracts entered into on a project must include language that identifies the submission and training requirements that the sub-contractor must perform. Sub-contractors will be approved by the respective District Office of MassDOT through the existing approval process. When new sub-contractors, who have not previously worked for MassDOT, are initially selected by a general contractor, the new sub-contractor must be approved by the District before taking the EBO on-line training module.

Interim Reporting Requirements

Until MassDOT is satisfied that the EBO system is fully operational and functioning as designed, contractors and sub-contractors will be required to submit certified payrolls manually. There will be a transition period where dual reporting, through manual and electronic submission, will be required. MassDOT, however, will notify contractors and sub-contractors when they may cease manual submission of certified payrolls.

*** END OF DOCUMENT ***

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DOCUMENT 00859

CONTRACTOR/SUBCONTRACTOR CERTIFICATION FORM ‡*The contractor shall submit this completed document 00859 to MassDOT for each subcontract.*_____
(Contractor) Date: __________
(Subcontractor) ☐ District Approved SubcontractorContract No: 134932 Project No. 616301 Federal Aid No.: NFALocation: GILL-NORTHFIELD-ROYALSTON-WINCHENDONProject Description: Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)

PART 1 CONTRACTOR CERTIFICATION: I hereby certify, as an authorized official of this company, that to the best of my knowledge, information and belief, the company is in compliance with all applicable federal and state laws, rules, and regulations governing fair labor and employment practices, that the company will not discriminate in their employment practices, that the company will make good faith efforts to comply with the minority employee and women employee workforce participation ratio goals and specific affirmative action steps contained in Contract Document 00820 The Commonwealth of Massachusetts Supplemental Equal Employment Opportunity, Non-Discrimination and Affirmative Action Program, and that the company will comply with the special provisions and documentation indicated below (as checked).

I further hereby certify, as an authorized official of this company, that the special provisions and documentation indicated below (as checked) have been or are included in, and made part of, the Subcontractor Agreement entered into with the firm named above.

☐ **This is not a Federally-aided construction project****Document #**

- ☐ 00718 –Participation By Minority Or Women's Business Enterprises and SDVOBE†
- ☐ 00761 –Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion
- ☐ 00820 – MA Supplemental Equal Employment Opportunity, Non-Discrimination, and Affirmative Action Program
- ☐ 00821 – Electronic Reporting Requirements, Civil Rights Programs, and Certified Payroll
- ☐ 00859 – Contractor/Subcontractor Certification Form (this document)
- ☐ 00860 – MA Employment Laws
- ☐ 00861 – Applicable State Wage Rates in the Contract Proposal**
- ☐ B00842 – MA Schedule of Participation By Minority or Women Business Enterprises (M/WBEs)†
- ☐ B00843 – MA Letter of Intent – M/WBEs†
 - ** Does not apply to Material Suppliers, unless performing work on-site
 - † Applies only if Subcontractor is a M/WBE; only include these forms for the particular M/WBE Entity
- ☐ B00844 - Schedule of Participation By SDVOBE
- ☐ B00845 - Letter of Intent – SDVOBE
- ☐ B00846 – M/WBE or SDVOBE Joint Check Arrangement Approval Form
- ☐ B00847 – Joint Venture Affidavit

☐ **This is a Federally-aided construction project (Federal Aid Number is present)****Document #**

- ☐ 00719 – Special Provisions for Participation by Disadvantaged Business Enterprises†
- ☐ 00760 - Form FHWA 1273 - Required Contract Provisions for Federal-Aid Construction Contracts
- ☐ 00820 – MA Supplemental Equal Employment Opportunity, Non-Discrimination and Affirmative Action Program
- ☐ 00821 – Electronic Reporting Requirements, Civil Rights Programs and Certified Payroll
- ☐ 00859 – Contractor/Subcontractor Certification Form (this document)
- ☐ 00860 – MA Employment Laws
- ☐ 00870 – Standard Federal Equal Employment Opportunity Construction Contract Specifications Executive Order 11246, (41 CFR Parts 60-4.2 and 60-4.3 (Solicitations and Equal Opportunity Clauses))*
- ☐ 00875 – Federal Trainee Special Provisions

- ☐ B00853 – Schedule of Participation by Disadvantaged Business Enterprise†
☐ B00854 – Letter of Intent – DBEs†
☐ B00855 – DBE Joint Check Arrangement Approval Form
☐ B00856 – Joint Venture Affidavit
☐ 00861/00880 - Applicable state and federal wage rates from Contract Proposal**

*Applicable only to Contracts or Subcontracts in excess of \$10,000

**Does not apply to Material Suppliers, unless performing work on-site

† Applies only if Subcontractor is a DBE; only include these forms for the particular DBE Entity

Signed this _____ Day of _____, 20____ Under The Pains And Penalties Of Perjury.

 (Print Name and Title)

 (Authorized Signature)

PART 2

PART 2. SUBCONTRACTOR CERTIFICATION: I hereby certify, as an authorized official of this company, that the required documents in Part 1 above were physically incorporated in our Agreement/Subcontract with the Contractor and give assurance that this company will fully comply or make every good faith effort to comply with the same. I further certify that:

1. This company recognizes that if this is a Federal-Aid Project, then this Contract is covered by the equal employment opportunity laws administered and enforced by the United States Department of Labor ("USDOL"), Office of Federal Contract Compliance Programs ("OFCCP"). By signing below, we acknowledge that this company has certain reporting obligations to the OFCCP, as specified by 41 CFR Part 60-4.2.
2. This company further acknowledges that any contractor with fifty (50) or more employees on a Federal-aid Contract with a value of fifty-thousand (\$50,000) dollars or more must annually file an EEO-1 Report (SF 100) to the EEOC, Joint Reporting Committee, on or before September 30th, each year, as specified by 41 CFR Part 60-1.7a.
3. For more information regarding the federal reporting requirements, please contact the USDOL, OFCCP Regional Office, at 1-646-264-3170 or EEO-1, Joint Reporting Committee at 1-866-286-6440.
4. This company ☐ has, ☐ has not, participated in a previous contract or subcontract subject to the Equal Opportunity clauses set forth in 41 CFR Part 60-4 and Executive Order 11246, and where required, has filed with the Joint Reporting Committee, the Director of the Office of Federal Contract Compliance Programs or the EEO Commission all reports due under the applicable filing requirements.
5. This company is in full compliance with applicable Federal and Commonwealth of Massachusetts laws, rules, and regulations and is not currently debarred or disqualified from bidding on or participating in construction contracts in any jurisdiction of the United States. See : <https://www.mass.gov/service-details/contractors-and-vendors-suspended-or-debarred-by-massdot>
6. This company is properly registered and in good standing with the Office of the Secretary of the Commonwealth.

Signed this _____ Day of _____, 20____, Under The Pains And Penalties Of Perjury.

Firm: _____

Address: _____

 (Print Name and Title)

Telephone Number: _____

Federal I.D. Number: _____

Estimated Start Date: _____

Estimated Completion Date: _____

Estimated Dollar Amount: _____

 (Authorized Signature)

 (Date)

DOCUMENT 00860

COMMONWEALTH OF MASSACHUSETTS PUBLIC EMPLOYMENT LAWS

Revised February 20, 2019

The Contractor's attention is directed to Massachusetts General Laws, Chapter 149, Sections 26 through 27H, and 150A. This contract is considered to fall within the ambit of that law, which provides that in general, the Prevailing Rate or Total Rate must be paid to employees working on projects funded by the Commonwealth of Massachusetts or any political subdivision including Massachusetts Department of Transportation (MassDOT).

A Federal Aid project is also subject to the Federal Minimum Wage Rate law for construction. When comparing a state minimum wage rate, monitored by the Massachusetts Attorney General, versus federal minimum wage rate, monitored by the U.S. Department of Labor Wage and Hour Division, for a particular job classification the higher wage is at all times to be paid to the affected employee.

Every contractor or subcontractor engaged in this contract to which sections twenty-seven and twenty-seven A apply will keep a true and accurate record of all mechanics and apprentices, teamsters, chauffeurs and laborers employed thereon, showing the name, address and occupational classification of each such employee on this contract, and the hours worked by, and the wages paid to, each such employee, and shall furnish to the MassDOT's Resident Engineer, on a weekly basis, a copy of said record, in a form approved by MassDOT and in accordance with M.G.L. c. 149, § 27B, signed by the employer or his/her authorized agent under the penalties of perjury.

Each such contractor or subcontractor shall preserve its payroll records for a period of three years from the date of completion of the contract.

The Prevailing Wage Rate generally includes the following:

Minimum Hourly Wage + Employer Contributions to Benefit Plans = Prevailing Wage Rate or Total Rate

Any employer who does not make contributions to Benefit Plans must pay the total Prevailing Wage Rate directly to the employee.

Any deduction from the Prevailing Wage Rate or Total Rate for contributions to benefit plans can only be for a Health & Welfare, Pension, or Supplementary Unemployment plan meeting the requirements of the Employee Retirement Income Security Act (ERISA) of 1974. The maximum allowable deduction for these benefits from the prevailing wage rate cannot be greater than the amount allowed by Executive Office of Labor (EOL) for the specified benefits. Any additional expense of providing benefits to the employees is to be borne by the employer and cannot be deducted from the Minimum Hourly Wage. If the employer's benefit expense is less than that so provided by EOL the difference will be paid directly to the employee. The rate established must be paid to all employees who perform work on the project.

When an employer makes deductions from the Minimum Hourly Wage for an employee's contribution to social security, state taxes, federal taxes, and/or other contribution programs, allowed by law, the employer shall furnish each employee a suitable pay slip, check stub or envelope notifying the employee of the amount of the deductions.

No contractor or subcontractor contracting for any part of the contract week shall require or permit any laborer or mechanic to be employed on such work in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of forty hours in such workweek, whichever is the greater number of overtime hours.

Apprentice Rates are permitted only when there is an Apprentice Agreement registered with the Massachusetts Division of Apprentice Training in accordance with M.G.L. c. 23, § 11E-11L.

The Prevailing Wage Rates issued for each project shall be the rates paid for the entire project. The Prevailing Wage Rates must be posted on the job site at all times and be visible from a public way.

In addition, each such contractor and subcontractor shall furnish to the MassDOT's Resident Engineer, within fifteen days after completion of its portion of the work, a statement, executed by the contractor or subcontractor or by any authorized officer or employee of the contractor or subcontractor who supervises the payment of wages, in the following form:

STATEMENT OF COMPLIANCE

Date: _____

I, _____ do hereby state:
(Name of signatory party) (Title)

That I pay or supervise the payment of the persons employed by:

(Contractor or Subcontractor)

on the _____
(MassDOT Project Location and Contract Number)

and that all mechanics and apprentices, teamsters, chauffeurs and laborers employed on said project have been paid in accordance with wages determined under the provisions of sections twenty-six and twenty-seven of chapter one hundred and forty-nine of the General Laws.

Signature _____

Title _____

The above-mentioned copies of payroll records and statements of compliance shall be available for inspection by any interested party filing a written request to the MassDOT's Resident Engineer for such inspection and copying.

Massachusetts General Laws c. 149, §27, requires annual updates to prevailing wage schedules for all public construction contracts lasting longer than one year. MassDOT will request the required updates and furnish them to the Contractor. The Contractor is required to pay no less than the wage rates indicated on the annual updated wage schedules.

MassDOT will request the updates no later than two weeks before the anniversary of the Notice to Proceed date of the contract to allow for adequate processing by the Department of Labor Standards (DLS). The effective date for the new rates will be the anniversary date of the contract (i.e. the notice to proceed date), regardless of the date of issuance on the schedule from DLS.

All bidders are cautioned that the aforementioned laws require that employers pay to covered employees no less than the applicable minimum wages. In addition, the same laws require that the applicable prevailing wages become incorporated as part of this contract. The prevailing minimum wage law establishes serious civil and criminal penalties for violations, including imprisonment and exclusion from future public contracts. Bidders are cautioned to carefully read the relevant sections of the Massachusetts General Laws.

*** END OF DOCUMENT ***

DOCUMENT 00861

STATE PREVAILING WAGE RATES

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**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
Prevailing Wage Rates**

MAURA HEALEY
Governor
KIM DRISCOLL
Lt. Governor

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

LAUREN JONES
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority:	Massachusetts Highway	City/Town:	GILL
Contract Number:	134932		
Description of Work:	GILL-NORTHFIELD-ROYALSTON-WINCENDON - Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)		
Job Location:	Municipal Bridges at Multiple locations		

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, the awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.
- This annual update requirement is generally not applicable to 27F “rental of equipment” contracts. For such contracts, the prevailing wage rates issued by DLS shall remain in effect for the duration of the contract term. However, if the prevailing wage rate sheet issued does not contain wage rates for each year covered by the contract term, the Awarding Authority must request updated rate sheets from DLS and provide them to the contractor to ensure the correct rates are being paid throughout the duration of the contract. Additionally, if an Awarding Authority exercises an option to renew or extend the contract term, they must request updated rate sheets from DLS and provide them to the contractor.
- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker’s rate.**
- Every contractor or subcontractor working on the construction project must submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. For a sample payroll reporting form go to <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Contractors must obtain the wage schedules from awarding authorities. Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
(2 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$41.95	\$16.17	\$21.78	\$0.00	\$0.00	\$79.90
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.95	\$16.17	\$23.52	\$0.00	\$0.00	\$81.64
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.95	\$16.77	\$23.52	\$0.00	\$0.00	\$82.24
(3 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.02	\$16.17	\$21.78	\$0.00	\$0.00	\$79.97
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.02	\$16.17	\$23.52	\$0.00	\$0.00	\$81.71
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.02	\$16.77	\$23.52	\$0.00	\$0.00	\$82.31
(4 & 5 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.14	\$16.17	\$21.78	\$0.00	\$0.00	\$80.09
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.14	\$16.17	\$23.52	\$0.00	\$0.00	\$81.83
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.14	\$16.77	\$23.52	\$0.00	\$0.00	\$82.43
ADS/SUBMERSIBLE PILOT	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
AIR TRACK OPERATOR	6/1/2026	\$37.75	\$10.90	\$9.75	\$8.62	\$0.00	\$67.02
LABORERS	12/7/2026	\$39.05	\$10.90	\$9.75	\$8.62	\$0.00	\$68.32
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$40.45	\$10.90	\$9.75	\$8.62	\$0.00	\$69.72
	12/6/2027	\$41.85	\$10.90	\$9.75	\$8.62	\$0.00	\$71.12
	6/5/2028	\$43.35	\$10.90	\$9.75	\$8.62	\$0.00	\$72.62
	12/4/2028	\$44.85	\$10.90	\$9.75	\$8.62	\$0.00	\$74.12
For apprentice rates see "Apprentice- LABORER"							
AIR TRACK OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
ASBESTOS WORKER (PIPES & TANKS)	12/1/2025	\$40.32	\$14.50	\$4.30	\$6.25	\$0.00	\$65.37
HEAT & FROST INSULATORS LOCAL 6							
HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)							
ASPHALT RAKER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
ASPHALT RAKER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BACKHOE/FRONT-END LOADER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BARCO-TYPE JUMPING TAMPER LABORERS	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
BATCH/CEMENT PLANT - ON SITE OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BLOCK PAVER, RAMMER / CURB SETTER LABORERS	6/1/2026	\$37.75	\$10.90	\$9.75	\$8.62	\$0.00	\$67.02
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$39.05	\$10.90	\$9.75	\$8.62	\$0.00	\$68.32
	6/7/2027	\$40.45	\$10.90	\$9.75	\$8.62	\$0.00	\$69.72
	12/6/2027	\$41.85	\$10.90	\$9.75	\$8.62	\$0.00	\$71.12
	6/5/2028	\$43.35	\$10.90	\$9.75	\$8.62	\$0.00	\$72.62
	12/4/2028	\$44.85	\$10.90	\$9.75	\$8.62	\$0.00	\$74.12
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
BOILER MAKER BOILERMAKERS LOCAL 29 BOILERMAKERS LOCAL 29	1/1/2024	\$48.12	\$7.07	\$14.60	\$6.00	\$0.00	\$75.79

Apprentice: BOILER MAKER

Effective Date: 1/1/2024

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
2	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
3	70.00	\$33.68	\$7.07	\$10.03	\$4.20	\$0.00	\$54.98
4	75.00	\$36.09	\$7.07	\$10.74	\$4.50	\$0.00	\$58.40
5	80.00	\$38.50	\$7.07	\$11.45	\$4.80	\$0.00	\$61.82
6	85.00	\$40.90	\$7.07	\$12.18	\$5.10	\$0.00	\$65.25
7	90.00	\$43.31	\$7.07	\$12.88	\$5.40	\$0.00	\$68.66
8	95.00	\$45.71	\$7.07	\$13.62	\$5.70	\$0.00	\$72.10

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	2/1/2026	\$56.36	\$12.84	\$15.57	\$5.89	\$0.00	\$90.66
BRICKLAYERS LOCAL 3	8/1/2026	\$58.56	\$12.84	\$15.57	\$5.89	\$0.00	\$92.86
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	2/1/2027	\$59.96	\$12.84	\$15.57	\$5.89	\$0.00	\$94.26

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$28.18	\$12.84	\$15.57	\$5.89	\$0.00	\$62.48
2	60.00	\$33.82	\$12.84	\$15.57	\$5.89	\$0.00	\$68.12
3	70.00	\$39.45	\$12.84	\$15.57	\$5.89	\$0.00	\$73.75
4	80.00	\$45.09	\$12.84	\$15.57	\$5.89	\$0.00	\$79.39
5	90.00	\$50.72	\$12.84	\$15.57	\$5.89	\$0.00	\$85.02

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.28	\$12.84	\$15.57	\$5.89	\$0.00	\$63.58
2	60.00	\$35.14	\$12.84	\$15.57	\$5.89	\$0.00	\$69.44
3	70.00	\$40.99	\$12.84	\$15.57	\$5.89	\$0.00	\$75.29
4	80.00	\$46.85	\$12.84	\$15.57	\$5.89	\$0.00	\$81.15
5	90.00	\$52.70	\$12.84	\$15.57	\$5.89	\$0.00	\$87.00

Apprentice to Journeyworker Ratio: 1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

CAISSON & UNDERPINNING BOTTOM MAN	6/1/2026	\$50.40	\$10.90	\$9.75	\$9.80	\$0.00	\$80.85
LABORERS	12/1/2026	\$51.90	\$10.90	\$9.75	\$9.80	\$0.00	\$82.35
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING TOP MAN	6/1/2026	\$49.58	\$10.90	\$9.75	\$9.80	\$0.00	\$80.03
LABORERS	12/1/2026	\$51.08	\$10.90	\$9.75	\$9.80	\$0.00	\$81.53
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CARBIDE CORE DRILL OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

CARPENTER	3/1/2026	\$43.81	\$9.19	\$11.25	\$6.90	\$0.00	\$71.15
CARPENTERS	9/1/2026	\$44.76	\$9.19	\$11.25	\$6.90	\$0.00	\$72.10
CARPENTERS LOCAL 336 - HAMPDEN HAMPSHIRE FRANKLIN	3/1/2027	\$45.66	\$9.19	\$11.25	\$6.90	\$0.00	\$73.00

Apprentice: CARPENTER

Effective Date: 3/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.71	\$9.19	\$0.00	\$1.38	\$0.00	\$30.28
2	45.00	\$19.71	\$1.28	\$0.00	\$1.38	\$0.00	\$22.37
3	55.00	\$24.10	\$9.19	\$0.00	\$2.76	\$0.00	\$36.05
4	55.00	\$24.10	\$9.19	\$0.00	\$2.76	\$0.00	\$36.05
5	70.00	\$30.67	\$9.19	\$11.25	\$4.14	\$0.00	\$55.25
6	70.00	\$30.67	\$9.19	\$11.25	\$4.14	\$0.00	\$55.25
7	80.00	\$35.05	\$9.19	\$11.25	\$5.52	\$0.00	\$61.01
8	80.00	\$35.05	\$9.19	\$11.25	\$5.52	\$0.00	\$61.01

Apprentice: CARPENTER

Effective Date: 9/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$20.14	\$9.19	\$0.00	\$1.38	\$0.00	\$30.71
2	45.00	\$20.14	\$9.19	\$0.00	\$1.38	\$0.00	\$30.71
3	55.00	\$24.62	\$9.19	\$0.00	\$2.76	\$0.00	\$36.57
4	55.00	\$24.62	\$9.19	\$0.00	\$2.76	\$0.00	\$36.57
5	70.00	\$31.33	\$9.19	\$11.25	\$4.14	\$0.00	\$55.91
6	70.00	\$31.33	\$9.19	\$11.25	\$4.14	\$0.00	\$55.91
7	80.00	\$35.81	\$9.19	\$11.25	\$5.52	\$0.00	\$61.77
8	80.00	\$35.81	\$9.19	\$11.25	\$5.52	\$0.00	\$61.77

Apprentice to Journeyworker Ratio: 1:5

CARPENTER WOOD FRAME	10/1/2025	\$27.37	\$7.38	\$4.47	\$1.00	\$0.00	\$40.22
CARPENTERS	10/1/2026	\$28.47	\$7.38	\$4.47	\$1.00	\$0.00	\$41.32

All Aspects of New Wood Frame Work

Apprentice: CARPENTER WOOD FRAME

Effective Date: 10/1/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
3	65.00	\$17.79	\$7.38	\$0.00	\$1.00	\$0.00	\$26.17
4	70.00	\$19.16	\$7.38	\$0.00	\$1.00	\$0.00	\$27.54
5	75.00	\$20.53	\$7.38	\$3.80	\$1.00	\$0.00	\$32.71
6	80.00	\$21.90	\$7.38	\$3.80	\$1.00	\$0.00	\$34.08
7	85.00	\$23.26	\$7.38	\$3.80	\$1.00	\$0.00	\$35.44
8	90.00	\$24.63	\$7.38	\$3.80	\$1.00	\$0.00	\$36.81

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
2	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
3	65.00	\$18.51	\$7.38	\$0.00	\$1.00	\$0.00	\$26.89
4	70.00	\$19.93	\$7.38	\$0.00	\$1.00	\$0.00	\$28.31
5	75.00	\$21.35	\$7.38	\$3.80	\$1.00	\$0.00	\$33.53
6	80.00	\$22.78	\$7.38	\$3.80	\$1.00	\$0.00	\$34.96
7	85.00	\$24.20	\$7.38	\$3.80	\$1.00	\$0.00	\$36.38
8	90.00	\$25.62	\$7.38	\$3.80	\$1.00	\$0.00	\$37.80

Apprentice to Journeyworker Ratio: 1:5

CEMENT MASONRY/PLASTERING	1/1/2026	\$48.13	\$13.20	\$16.30	\$2.93	\$1.69	\$82.25
PLASTERERS AND CEMENT MASONS LOCAL 534	7/1/2026	\$49.32	\$13.20	\$16.30	\$2.93	\$1.69	\$83.44
Plasterers and Cement Masons - Zone 2	1/1/2027	\$50.51	\$13.20	\$16.30	\$2.93	\$1.69	\$84.63
	7/1/2027	\$51.70	\$13.20	\$16.30	\$2.93	\$1.69	\$85.82
	1/1/2028	\$52.89	\$13.20	\$16.30	\$2.93	\$1.69	\$87.01

Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.07	\$13.20	\$16.30	\$0.00	\$0.00	\$53.57
2	60.00	\$28.88	\$13.20	\$16.30	\$2.93	\$1.69	\$63.00
3	65.00	\$31.28	\$13.20	\$16.30	\$2.93	\$1.69	\$65.40
4	70.00	\$33.69	\$13.20	\$16.30	\$2.93	\$1.69	\$67.81
5	75.00	\$36.10	\$13.20	\$16.30	\$2.93	\$1.69	\$70.22
6	80.00	\$38.50	\$13.20	\$16.30	\$2.93	\$1.69	\$72.62
7	90.00	\$43.32	\$13.20	\$16.30	\$2.93	\$1.69	\$77.44

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.66	\$13.20	\$16.30	\$0.00	\$0.00	\$54.16
2	60.00	\$29.59	\$13.20	\$16.30	\$2.93	\$1.69	\$63.71
3	65.00	\$32.06	\$13.20	\$16.30	\$2.93	\$1.69	\$66.18
4	70.00	\$34.52	\$13.20	\$16.30	\$2.93	\$1.69	\$68.64
5	75.00	\$36.99	\$13.20	\$16.30	\$2.93	\$1.69	\$71.11
6	80.00	\$39.46	\$13.20	\$16.30	\$2.93	\$1.69	\$73.58
7	90.00	\$44.39	\$13.20	\$16.30	\$2.93	\$0.00	\$76.82

Apprentice to Journeyworker Ratio: 1:5

CHAIN SAW OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	12/1/2023	\$43.06	\$13.78	\$12.15	\$3.00	\$0.00	\$71.99
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: DELEADER (BRIDGE)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 1:1							
DEMO: ADZEMAN	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BURNERS	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: CONCRETE CUTTER/SAWYER	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: JACKHAMMER OPERATOR	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: WRECKING LABORER	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
DIVER	8/1/2024	\$78.11	\$10.08	\$11.62	\$12.67	\$0.00	\$112.48
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Diver wage 70/80/90 2A \$69.83, 3A \$91.79,4A \$102.14 Total Rate							
DIVER TENDER	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Piledriver wage 70/80/90 2A \$54.20, 3A \$73.93,4A \$82.05 Total Rate							
DIVER TENDER (EFFLUENT)	8/1/2024	\$83.69	\$10.08	\$11.62	\$12.67	\$0.00	\$118.06
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DIVER/SLURRY (EFFLUENT)	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DRAWBRIDGE OPERATOR (Construction)	7/1/2020	\$26.77	\$6.67	\$3.93	\$0.00	\$0.16	\$37.53
DRAWBRIDGE - SEIU LOCAL 888							
DRAWBRIDGE - SEIU LOCAL 888							
ELECTRICIAN (Including Core Drilling)	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
ELECTRICIANS LOCAL 7	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							

Apprentice: ELECTRICIAN (Including Core Drilling)							
Effective Date: 6/28/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$21.76	\$7.80	\$0.63	\$0.00	\$0.00	\$30.19
2	45.00	\$24.48	\$7.80	\$0.70	\$0.00	\$0.00	\$32.98
3	50.00	\$27.21	\$14.00	\$7.53	\$0.00	\$0.00	\$48.74
4	55.00	\$29.93	\$14.00	\$7.61	\$0.00	\$0.00	\$51.54
5	65.00	\$35.37	\$14.00	\$9.84	\$0.00	\$0.00	\$59.21
6	70.00	\$38.09	\$14.00	\$11.30	\$0.00	\$0.00	\$63.39

Apprentice to Journeyworker Ratio: 2:3

ELEVATOR CONSTRUCTOR	1/1/2026	\$69.23	\$16.38	\$11.06	\$10.70	\$0.00	\$107.37
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$72.23	\$16.48	\$11.16	\$11.00	\$0.00	\$110.87
ELEVATOR CONSTRUCTORS LOCAL 41							

Apprentice: ELEVATOR CONSTRUCTOR							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.62	\$16.38	\$0.00	\$0.00	\$0.00	\$51.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: ELEVATOR CONSTRUCTOR Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	55.00	\$38.08	\$16.38	\$11.06	\$10.70	\$0.00	\$76.22
3	65.00	\$45.00	\$16.38	\$11.06	\$10.70	\$0.00	\$83.14
4	70.00	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
5	80.00	\$55.38	\$16.38	\$11.06	\$10.70	\$0.00	\$93.52
Apprentice: ELEVATOR CONSTRUCTOR Effective Date: 1/1/2027							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$36.12	\$16.48	\$0.00	\$0.00	\$0.00	\$52.60
2	55.00	\$39.73	\$16.48	\$11.16	\$11.00	\$0.00	\$78.37
3	65.00	\$46.95	\$16.48	\$11.16	\$11.00	\$0.00	\$85.59
4	70.00	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
5	80.00	\$57.78	\$16.48	\$11.16	\$11.00	\$0.00	\$96.42
Apprentice to Journeyworker Ratio: 1:1							
ELEVATOR CONSTRUCTOR HELPER	1/1/2026	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
ELEVATOR CONSTRUCTORS LOCAL 41							
For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"							
FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY	6/1/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$0.00	\$27.74
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY	6/1/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$0.00	\$30.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY	6/1/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$0.00	\$31.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIRE ALARM INSTALLER	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
ELECTRICIANS LOCAL 7	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							
For apprentice rates see "Apprentice- ELECTRICIAN"							
FIRE ALARM REPAIR / MAINTENANCE	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
/ COMMISSIONING	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
ELECTRICIANS LOCAL 7							
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"							

FIREMAN	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Apprentice: FIREMAN							
Effective Date: 12/1/2023							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$23.42	\$13.78	\$12.15	\$3.00	\$0.00	\$52.35
2	70.00	\$27.32	\$13.78	\$12.15	\$3.00	\$0.00	\$56.25
3	80.00	\$31.22	\$13.78	\$12.15	\$3.00	\$0.00	\$60.15
4	90.00	\$35.13	\$13.78	\$12.15	\$3.00	\$0.00	\$64.06

Apprentice to Journeyworker Ratio: 1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY)	6/1/2026	\$29.21	\$10.90	\$9.75	\$6.60	\$0.00	\$56.46
LABORERS	12/1/2026	\$29.21	\$10.90	\$9.75	\$6.60	\$0.00	\$56.46
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

FLOORCOVERER	3/1/2026	\$44.34	\$8.56	\$11.25	\$6.90	\$0.00	\$71.05
FLOORCOVERERS LOCAL 2168	9/1/2026	\$45.29	\$8.56	\$11.25	\$6.90	\$0.00	\$72.00
FLOORCOVERERS LOCAL 2168 ZONE III	3/1/2027	\$46.19	\$8.56	\$11.25	\$6.90	\$0.00	\$72.90

Apprentice: FLOORCOVERER							
Effective Date: 3/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.95	\$8.56	\$0.00	\$1.38	\$0.00	\$29.89
2	45.00	\$19.95	\$8.56	\$0.00	\$1.38	\$0.00	\$29.89
3	55.00	\$24.39	\$8.56	\$0.00	\$2.76	\$0.00	\$35.71
4	55.00	\$24.39	\$8.56	\$0.00	\$2.76	\$0.00	\$35.71
5	70.00	\$31.04	\$8.56	\$11.25	\$4.14	\$0.00	\$54.99
6	70.00	\$31.04	\$8.56	\$11.25	\$4.14	\$0.00	\$54.99
7	80.00	\$35.47	\$8.56	\$11.25	\$5.52	\$0.00	\$60.80
8	80.00	\$35.47	\$8.56	\$11.25	\$5.52	\$0.00	\$60.80

Apprentice: FLOORCOVERER							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$20.38	\$8.56	\$0.00	\$1.38	\$0.00	\$30.32
2	45.00	\$20.38	\$8.56	\$0.00	\$1.38	\$0.00	\$30.32
3	55.00	\$24.91	\$8.56	\$0.00	\$2.76	\$0.00	\$36.23

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: FLOORCOVERER Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	55.00	\$24.91	\$8.56	\$0.00	\$2.76	\$0.00	\$36.23
5	70.00	\$31.70	\$8.56	\$11.25	\$4.14	\$0.00	\$55.65
6	70.00	\$31.70	\$8.56	\$11.25	\$4.14	\$0.00	\$55.65
7	80.00	\$36.23	\$8.56	\$11.25	\$5.52	\$0.00	\$61.56
8	80.00	\$36.23	\$8.56	\$11.25	\$5.52	\$0.00	\$61.56
Apprentice Notes Steps are 750 hrs. Apprentice to Journeyworker Ratio: 1:1							
FORK LIFT OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.25	\$13.78	\$12.15	\$3.00	\$0.00	\$68.18
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
GENERATORS/LIGHTING PLANTS OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)	6/1/2026	\$44.73	\$11.20	\$8.40	\$6.05	\$0.00	\$70.38
GLAZIERS LOCAL 1333	6/1/2027	\$46.73	\$11.60	\$8.55	\$6.60	\$0.00	\$73.48
GLAZIERS LOCAL 1333	6/1/2028	\$48.73	\$12.00	\$8.70	\$7.20	\$0.00	\$76.63

Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)**Effective Date: 6/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$22.37	\$11.20	\$8.40	\$6.05	\$0.00	\$48.02
2	56.25	\$25.16	\$11.20	\$8.40	\$6.05	\$0.00	\$50.81
3	62.50	\$27.96	\$11.20	\$8.40	\$6.05	\$0.00	\$53.61
4	68.75	\$30.75	\$11.20	\$8.40	\$6.05	\$0.00	\$56.40
5	75.00	\$33.55	\$11.20	\$8.40	\$6.05	\$0.00	\$59.20
6	81.25	\$36.34	\$11.20	\$8.40	\$6.05	\$0.00	\$61.99
7	87.50	\$39.14	\$11.20	\$8.40	\$6.05	\$0.00	\$64.79
8	93.75	\$41.93	\$11.20	\$8.40	\$6.05	\$0.00	\$67.58

Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)**Effective Date: 6/1/2027**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.37	\$11.60	\$8.55	\$6.60	\$0.00	\$50.12

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																
Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) Effective Date: 6/1/2027 <table><thead><tr><th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr></thead><tbody><tr><td>2</td><td>56.25</td><td>\$26.29</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$53.04</td></tr><tr><td>3</td><td>62.50</td><td>\$29.21</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$55.96</td></tr><tr><td>4</td><td>68.75</td><td>\$32.13</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$58.88</td></tr><tr><td>5</td><td>75.00</td><td>\$35.05</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$61.80</td></tr><tr><td>6</td><td>81.25</td><td>\$37.97</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$64.72</td></tr><tr><td>7</td><td>87.50</td><td>\$40.89</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$67.64</td></tr><tr><td>8</td><td>93.75</td><td>\$43.81</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$70.56</td></tr></tbody></table> Apprentice to Journeyworker Ratio: 3:1								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	2	56.25	\$26.29	\$11.60	\$8.55	\$6.60	\$0.00	\$53.04	3	62.50	\$29.21	\$11.60	\$8.55	\$6.60	\$0.00	\$55.96	4	68.75	\$32.13	\$11.60	\$8.55	\$6.60	\$0.00	\$58.88	5	75.00	\$35.05	\$11.60	\$8.55	\$6.60	\$0.00	\$61.80	6	81.25	\$37.97	\$11.60	\$8.55	\$6.60	\$0.00	\$64.72	7	87.50	\$40.89	\$11.60	\$8.55	\$6.60	\$0.00	\$67.64	8	93.75	\$43.81	\$11.60	\$8.55	\$6.60	\$0.00	\$70.56
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																
2	56.25	\$26.29	\$11.60	\$8.55	\$6.60	\$0.00	\$53.04																																																																
3	62.50	\$29.21	\$11.60	\$8.55	\$6.60	\$0.00	\$55.96																																																																
4	68.75	\$32.13	\$11.60	\$8.55	\$6.60	\$0.00	\$58.88																																																																
5	75.00	\$35.05	\$11.60	\$8.55	\$6.60	\$0.00	\$61.80																																																																
6	81.25	\$37.97	\$11.60	\$8.55	\$6.60	\$0.00	\$64.72																																																																
7	87.50	\$40.89	\$11.60	\$8.55	\$6.60	\$0.00	\$67.64																																																																
8	93.75	\$43.81	\$11.60	\$8.55	\$6.60	\$0.00	\$70.56																																																																
GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49																																																																
HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63 For apprentice rates see "Apprentice- SHEET METAL WORKER"	7/1/2025 7/1/2026 1/1/2027 7/1/2027 1/1/2028	\$43.48 \$43.48 \$43.48 \$44.98 \$46.48	\$12.94 \$13.24 \$13.54 \$13.54 \$13.54	\$11.01 \$11.01 \$11.01 \$11.01 \$11.01	\$8.72 \$9.92 \$11.12 \$11.12 \$11.12	\$2.13 \$2.13 \$2.13 \$2.13 \$2.13	\$78.28 \$79.78 \$81.28 \$82.78 \$84.28																																																																
HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 7 ELECTRICIANS LOCAL 7 For apprentice rates see "Apprentice- ELECTRICIAN"	6/28/2026 1/3/2027	\$54.41 \$55.56	\$14.00 \$14.25	\$8.43 \$8.47	\$7.03 \$7.09	\$0.00 \$0.00	\$83.87 \$85.37																																																																
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63 For apprentice rates see "Apprentice- SHEET METAL WORKER"	7/1/2025 7/1/2026 1/1/2027 7/1/2027 1/1/2028	\$43.48 \$43.48 \$43.48 \$44.98 \$46.48	\$12.94 \$13.24 \$13.54 \$13.54 \$13.54	\$11.01 \$11.01 \$11.01 \$11.01 \$11.01	\$8.72 \$9.92 \$11.12 \$11.12 \$11.12	\$2.13 \$2.13 \$2.13 \$2.13 \$2.13	\$78.28 \$79.78 \$81.28 \$82.78 \$84.28																																																																
HVAC (TESTING AND BALANCING -WATER) PLUMBERS & PIPEFITTERS LOCAL 104 PLUMBERS & PIPEFITTERS LOCAL 104 For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"	3/17/2026 9/17/2026 3/17/2027 9/17/2027 3/17/2028 9/17/2028 3/17/2029	\$52.76 \$54.76 \$58.26 \$60.26 \$62.26 \$64.26 \$66.26	\$13.50 \$13.50 \$12.00 \$12.00 \$12.00 \$12.00 \$12.00	\$10.85 \$10.85 \$10.85 \$10.85 \$10.85 \$10.85 \$10.85	\$7.10 \$7.10 \$7.10 \$7.10 \$7.10 \$7.10 \$7.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$84.21 \$86.21 \$88.21 \$90.21 \$92.21 \$94.21 \$96.21																																																																
HVAC MECHANIC PLUMBERS & PIPEFITTERS LOCAL 104 PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2026 9/17/2026 3/17/2027	\$52.76 \$54.76 \$58.26	\$13.50 \$13.50 \$12.00	\$10.85 \$10.85 \$10.85	\$7.10 \$7.10 \$7.10	\$0.00 \$0.00 \$0.00	\$84.21 \$86.21 \$88.21																																																																

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

HYDRAULIC DRILLS (HEAVY & HIGHWAY)	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

INSULATOR (PIPES & TANKS)	9/1/2025	\$48.27	\$14.75	\$9.52	\$10.09	\$0.00	\$82.63
HEAT & FROST INSULATORS LOCAL 6	9/1/2026	\$51.01	\$14.75	\$9.52	\$10.09	\$0.00	\$85.37
HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)							

Apprentice: INSULATOR (PIPES & TANKS)

Effective Date: 9/1/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.14	\$14.75	\$9.27	\$5.05	\$0.00	\$53.21
2	60.00	\$28.96	\$14.75	\$9.32	\$6.05	\$0.00	\$59.08
3	70.00	\$33.79	\$14.75	\$9.37	\$7.06	\$0.00	\$64.97
4	80.00	\$38.62	\$14.75	\$9.42	\$8.07	\$0.00	\$70.86

Apprentice: INSULATOR (PIPES & TANKS)

Effective Date: 9/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$25.51	\$14.75	\$9.27	\$5.05	\$0.00	\$54.58
2	60.00	\$30.61	\$14.75	\$9.32	\$6.05	\$0.00	\$60.73
3	70.00	\$35.71	\$14.75	\$9.37	\$7.06	\$0.00	\$66.89
4	80.00	\$40.81	\$14.75	\$9.42	\$8.07	\$0.00	\$73.05

Apprentice to Journeyworker Ratio: 1:4

IRONWORKER/WELDER	3/16/2026	\$42.46	\$9.25	\$12.75	\$11.25	\$0.00	\$75.71
IRONWORKERS LOCAL 7							
IRONWORKERS LOCAL 7 (SPRINGFIELD AREA)							

Apprentice: IRONWORKER/WELDER

Effective Date: 3/16/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	70.00	\$29.72	\$9.25	\$12.75	\$1.25	\$0.00	\$52.97
2	80.00	\$33.97	\$9.25	\$12.75	\$1.25	\$0.00	\$57.22
3	90.00	\$38.21	\$9.25	\$12.75	\$1.25	\$0.00	\$61.46
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: IRONWORKER/WELDER Effective Date: 3/16/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apprentice to Journeyworker Ratio: 1:4							
JACKHAMMER & PAVING BREAKER OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
LABORER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
Apprentice: LABORER Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.20	\$10.90	\$9.75	\$8.62	\$0.00	\$51.47
2	70.00	\$25.90	\$10.90	\$9.75	\$8.62	\$0.00	\$55.17
3	80.00	\$29.60	\$10.90	\$9.75	\$8.62	\$0.00	\$58.87
4	90.00	\$33.30	\$10.90	\$9.75	\$8.62	\$0.00	\$62.57
Apprentice: LABORER Effective Date: 12/7/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.98	\$10.90	\$9.75	\$8.62	\$0.00	\$52.25
2	70.00	\$26.81	\$10.90	\$9.75	\$8.62	\$0.00	\$56.08
3	80.00	\$30.64	\$10.90	\$9.75	\$8.62	\$0.00	\$59.91
4	90.00	\$34.47	\$10.90	\$9.75	\$8.62	\$0.00	\$63.74
Apprentice to Journeyworker Ratio: 1:5							
LABORER (HEAVY & HIGHWAY)	6/1/2026	\$36.99	\$10.90	\$9.75	\$6.60	\$0.00	\$64.24
LABORERS	12/1/2026	\$38.28	\$10.90	\$9.75	\$6.60	\$0.00	\$65.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.19	\$10.90	\$9.75	\$6.60	\$0.00	\$49.44
2	70.00	\$25.89	\$10.90	\$9.75	\$6.60	\$0.00	\$53.14
3	80.00	\$29.59	\$10.90	\$9.75	\$6.60	\$0.00	\$56.84
4	90.00	\$33.29	\$10.90	\$9.75	\$6.60	\$0.00	\$60.54
Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.97	\$10.90	\$9.75	\$6.60	\$0.00	\$50.22
2	70.00	\$26.80	\$10.90	\$9.75	\$6.60	\$0.00	\$54.05
3	80.00	\$30.62	\$10.90	\$9.75	\$6.60	\$0.00	\$57.87
4	90.00	\$34.45	\$10.90	\$9.75	\$6.60	\$0.00	\$61.70
Apprentice to Journeyworker Ratio: 1:5							
LABORER: CARPENTER TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
For apprentice rates see "Apprentice- LABORER"							
LABORER: CEMENT FINISHER TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
For apprentice rates see "Apprentice- LABORER"							
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER	6/1/2026	\$36.92	\$10.90	\$9.75	\$8.75	\$0.00	\$66.32
LABORERS	12/7/2026	\$38.22	\$10.90	\$9.75	\$8.75	\$0.00	\$67.62
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.62	\$10.90	\$9.75	\$8.75	\$0.00	\$69.02
	12/6/2027	\$41.02	\$10.90	\$9.75	\$8.75	\$0.00	\$70.42
	6/5/2028	\$42.52	\$10.90	\$9.75	\$8.75	\$0.00	\$71.92
	12/4/2028	\$44.02	\$10.90	\$9.75	\$8.75	\$0.00	\$73.42
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER	6/1/2026	\$40.00	\$10.90	\$9.75	\$8.62	\$0.00	\$69.27
LABORERS	12/7/2026	\$41.30	\$10.90	\$9.75	\$8.62	\$0.00	\$70.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$42.70	\$10.90	\$9.75	\$8.62	\$0.00	\$71.97

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/6/2027	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
	6/5/2028	\$45.60	\$10.90	\$9.75	\$8.62	\$0.00	\$74.87
	12/4/2028	\$47.10	\$10.90	\$9.75	\$8.62	\$0.00	\$76.37

For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS							
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

LABORER: MULTI-TRADE TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37

For apprentice rates see "Apprentice- LABORER"

LABORER: TREE REMOVER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37

This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS							
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

MARBLE & TILE FINISHERS	2/1/2026	\$45.56	\$12.84	\$15.10	\$5.41	\$0.00	\$78.91
BRICKLAYERS LOCAL 3	8/1/2026	\$47.32	\$12.84	\$15.10	\$5.41	\$0.00	\$80.67
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	2/1/2027	\$48.44	\$12.84	\$15.10	\$5.41	\$0.00	\$81.79

Apprentice: MARBLE & TILE FINISHERS

Effective Date: 2/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$22.78	\$12.84	\$15.10	\$5.41	\$0.00	\$56.13
2	60.00	\$27.34	\$12.84	\$15.10	\$5.41	\$0.00	\$60.69

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: MARBLE & TILE FINISHERS Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	70.00	\$31.89	\$12.84	\$15.10	\$5.41	\$0.00	\$65.24
4	80.00	\$36.45	\$12.84	\$15.10	\$5.41	\$0.00	\$69.80
5	90.00	\$41.00	\$12.84	\$15.10	\$5.41	\$0.00	\$74.35
Apprentice: MARBLE & TILE FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.66	\$12.84	\$15.10	\$5.41	\$0.00	\$57.01
2	60.00	\$28.39	\$12.84	\$15.10	\$5.41	\$0.00	\$61.74
3	70.00	\$33.12	\$12.84	\$15.10	\$5.41	\$0.00	\$66.47
4	80.00	\$37.86	\$12.84	\$15.10	\$5.41	\$0.00	\$71.21
5	90.00	\$42.59	\$12.84	\$15.10	\$5.41	\$0.00	\$75.94
Apprentice to Journeyworker Ratio: 1:5							
MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MECHANIC/WELDER/BOOM TRUCK	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MILLWRIGHT (Zone 3)	1/5/2026	\$45.20	\$10.58	\$11.47	\$9.75	\$0.00	\$77.00
MILLWRIGHTS LOCAL 1121							
MILLWRIGHTS LOCAL 1121 - Zone 3							

Apprentice: MILLWRIGHT (Zone 3)							
Effective Date: 1/5/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$24.86	\$10.58	\$0.00	\$5.36	\$0.00	\$40.80
2	65.00	\$29.38	\$10.58	\$0.00	\$6.34	\$0.00	\$46.30
3	75.00	\$33.90	\$10.58	\$11.47	\$7.31	\$0.00	\$63.26
4	85.00	\$38.42	\$10.58	\$11.47	\$8.29	\$0.00	\$68.76

Apprentice Notes

Step 1&2 Appr. indentured after 1/6/2020 receive no pension,

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
MORTAR MIXER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
OILER	12/1/2023	\$35.02	\$13.78	\$12.15	\$3.00	\$0.00	\$63.95
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
OTHER POWER DRIVEN EQUIPMENT - CLASS VI	12/1/2023	\$32.74	\$13.78	\$12.15	\$3.00	\$0.00	\$61.67
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PAINTER (BRIDGES/TANKS)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (BRIDGES/TANKS)**Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	1/1/2026	\$42.03	\$10.35	\$12.00	\$8.35	\$0.00	\$72.73
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) ***Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$21.02	\$10.35	\$0.00	\$0.00	\$0.00	\$31.37
2	55.00	\$23.12	\$10.35	\$0.00	\$4.59	\$0.00	\$38.06
3	60.00	\$25.22	\$10.35	\$0.00	\$5.01	\$0.00	\$40.58

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	65.00	\$27.32	\$10.35	\$0.00	\$5.43	\$0.00	\$43.10
5	70.00	\$29.42	\$10.35	\$12.00	\$5.85	\$0.00	\$57.62
6	75.00	\$31.52	\$10.35	\$12.00	\$6.26	\$0.00	\$60.13
7	80.00	\$33.62	\$10.35	\$12.00	\$6.68	\$0.00	\$62.65
8	90.00	\$37.83	\$10.35	\$12.00	\$7.52	\$0.00	\$67.70
Apprentice to Journeyworker Ratio: 1:1							
PAINTER (SPRAY OR SANDBLAST, REPAINT)	1/1/2026	\$39.35	\$10.35	\$12.00	\$8.35	\$0.00	\$70.05
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$19.68	\$10.35	\$0.00	\$0.00	\$0.00	\$30.03
2	55.00	\$21.64	\$10.35	\$0.00	\$4.59	\$0.00	\$36.58
3	60.00	\$23.61	\$10.35	\$0.00	\$5.01	\$0.00	\$38.97
4	65.00	\$25.58	\$10.35	\$0.00	\$5.43	\$0.00	\$41.36
5	70.00	\$27.55	\$10.35	\$12.00	\$5.85	\$0.00	\$55.75
6	75.00	\$29.51	\$10.35	\$12.00	\$6.26	\$0.00	\$58.12
7	80.00	\$31.48	\$10.35	\$12.00	\$6.68	\$0.00	\$60.51
8	90.00	\$35.42	\$10.35	\$12.00	\$7.52	\$0.00	\$65.29
Apprentice to Journeyworker Ratio: 1:1							

PAINTER / TAPER (BRUSH, NEW) *	1/1/2026	\$40.63	\$10.35	\$12.00	\$8.35	\$0.00	\$71.33
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER / TAPER (BRUSH, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$20.32	\$10.35	\$0.00	\$0.00	\$0.00	\$30.67
2	55.00	\$22.35	\$10.35	\$0.00	\$4.59	\$0.00	\$37.29
3	60.00	\$24.38	\$10.35	\$0.00	\$5.01	\$0.00	\$39.74
4	65.00	\$26.41	\$10.35	\$0.00	\$5.43	\$0.00	\$42.19
5	70.00	\$28.44	\$10.35	\$12.00	\$5.85	\$0.00	\$56.64
6	75.00	\$30.47	\$10.35	\$12.00	\$6.26	\$0.00	\$59.08
7	80.00	\$32.50	\$10.35	\$12.00	\$6.68	\$0.00	\$61.53

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER / TAPER (BRUSH, NEW) * Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
8	90.00	\$36.57	\$10.35	\$12.00	\$7.52	\$0.00	\$66.44
Apprentice to Journeyworker Ratio: 1:1							
PAINTER / TAPER (BRUSH, REPAINT)	1/1/2026	\$37.95	\$10.35	\$12.00	\$8.35	\$0.00	\$68.65
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							
Apprentice: PAINTER / TAPER (BRUSH, REPAINT) Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.98	\$10.35	\$0.00	\$0.00	\$0.00	\$29.33
2	55.00	\$20.87	\$10.35	\$0.00	\$4.59	\$0.00	\$35.81
3	60.00	\$22.77	\$10.35	\$0.00	\$5.01	\$0.00	\$38.13
4	65.00	\$24.67	\$10.35	\$0.00	\$5.43	\$0.00	\$40.45
5	70.00	\$26.57	\$10.35	\$12.00	\$5.85	\$0.00	\$54.77
6	75.00	\$28.46	\$10.35	\$12.00	\$6.26	\$0.00	\$57.07
7	80.00	\$30.36	\$10.35	\$12.00	\$6.68	\$0.00	\$59.39
8	90.00	\$34.16	\$10.35	\$12.00	\$7.52	\$0.00	\$64.03
Apprentice to Journeyworker Ratio: 1:1							
PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	6/1/2026	\$36.99	\$10.90	\$9.75	\$6.60	\$0.00	\$64.24
LABORERS	12/1/2026	\$38.28	\$10.90	\$9.75	\$6.60	\$0.00	\$65.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
PANEL & PICKUP TRUCKS DRIVER	6/1/2026	\$41.78	\$16.17	\$21.78	\$0.00	\$0.00	\$79.73
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.78	\$16.17	\$23.52	\$0.00	\$0.00	\$81.47
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.78	\$16.77	\$23.52	\$0.00	\$0.00	\$82.07
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
PILE DRIVER	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							

Apprentice: PILE DRIVER**Effective Date: 8/1/2024**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PILE DRIVER							
Effective Date: 8/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$22.14	\$10.08	\$0.00	\$2.53	\$0.00	\$34.75
2	55.00	\$27.05	\$10.08	\$0.00	\$5.07	\$0.00	\$42.20
3	70.00	\$34.43	\$10.08	\$11.62	\$7.60	\$0.00	\$63.73
4	80.00	\$39.35	\$10.08	\$11.62	\$10.14	\$0.00	\$71.19
Apprentice to Journeyworker Ratio: 1:5							
PIPELAYER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
PIPELAYER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
PLUMBER & PIPEFITTER	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$54.76	\$13.50	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21
Apprentice: PLUMBER & PIPEFITTER							
Effective Date: 3/17/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.74	\$13.50	\$10.85	\$0.00	\$0.00	\$48.09
2	50.00	\$26.38	\$13.50	\$10.85	\$0.00	\$0.00	\$50.73
3	55.00	\$29.02	\$13.50	\$10.85	\$0.00	\$0.00	\$53.37
4	60.00	\$31.66	\$13.50	\$10.85	\$0.00	\$0.00	\$56.01
5	65.00	\$34.29	\$13.50	\$10.85	\$0.00	\$0.00	\$58.64
6	70.00	\$36.93	\$13.50	\$10.85	\$0.00	\$0.00	\$61.28
7	75.00	\$39.57	\$13.50	\$10.85	\$0.00	\$0.00	\$63.92
8	80.00	\$42.21	\$13.50	\$10.85	\$0.00	\$0.00	\$66.56
9	85.00	\$44.85	\$13.50	\$10.85	\$7.10	\$0.00	\$76.30
10	85.00	\$44.85	\$13.50	\$10.85	\$7.10	\$0.00	\$76.30

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PLUMBER & PIPEFITTER Effective Date: 9/17/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$24.64	\$13.50	\$0.00	\$0.00	\$0.00	\$38.14
2	50.00	\$27.38	\$13.50	\$0.00	\$0.00	\$0.00	\$40.88
3	55.00	\$30.12	\$13.50	\$0.00	\$0.00	\$0.00	\$43.62
4	60.00	\$32.86	\$13.50	\$0.00	\$0.00	\$0.00	\$46.36
5	65.00	\$35.59	\$13.50	\$0.00	\$0.00	\$0.00	\$49.09
6	70.00	\$38.33	\$13.50	\$0.00	\$0.00	\$0.00	\$51.83
7	75.00	\$41.07	\$13.50	\$0.00	\$0.00	\$0.00	\$54.57
8	80.00	\$43.81	\$13.50	\$0.00	\$0.00	\$0.00	\$57.31
9	85.00	\$46.55	\$13.50	\$0.00	\$7.10	\$0.00	\$67.15
10	85.00	\$46.55	\$13.50	\$0.00	\$7.10	\$0.00	\$67.15
Apprentice Notes **1:1,2:5,3:9,4:12							
Apprentice to Journeyworker Ratio: 1:1							
PNEUMATIC CONTROLS (TEMP.)	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$54.76	\$13.50	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
POWDERMAN & BLASTER	6/1/2026	\$38.00	\$10.90	\$9.75	\$8.62	\$0.00	\$67.27
LABORERS	12/7/2026	\$39.30	\$10.90	\$9.75	\$8.62	\$0.00	\$68.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$40.70	\$10.90	\$9.75	\$8.62	\$0.00	\$69.97
	12/6/2027	\$42.10	\$10.90	\$9.75	\$8.62	\$0.00	\$71.37
	6/5/2028	\$43.60	\$10.90	\$9.75	\$8.62	\$0.00	\$72.87
	12/4/2028	\$45.10	\$10.90	\$9.75	\$8.62	\$0.00	\$74.37
For apprentice rates see "Apprentice- LABORER"							
POWDERMAN & BLASTER (HEAVY & HIGHWAY)	6/1/2026	\$37.99	\$10.90	\$9.75	\$6.60	\$0.00	\$65.24
LABORERS	12/1/2026	\$39.28	\$10.90	\$9.75	\$6.60	\$0.00	\$66.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
PUMP OPERATOR (CONCRETE)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
READY-MIX CONCRETE DRIVER TEAMSTERS 404 - Construction Service (Northampton) TEAMSTERS 404 - Construction Service (Northampton)	5/1/2024	\$26.14	\$11.82	\$7.25	\$0.00	\$0.00	\$45.21
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS LABORERS - ZONE 3 (BUILDING & SITE)	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
ROLLER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
ROOFER (Coal tar pitch) ROOFERS LOCAL 248 ROOFERS LOCAL 248 For apprentice rates see "Apprentice- ROOFER"	10/2/2025	\$44.73	\$10.60	\$8.70	\$10.00	\$0.00	\$74.03
	7/16/2026	\$46.73	\$10.60	\$8.70	\$10.00	\$0.00	\$76.03
ROOFER (Inc.Roofing Waterproofing &Roofing Damproofg) ROOFERS LOCAL 248 ROOFERS LOCAL 248	10/2/2025	\$44.23	\$10.60	\$8.70	\$10.00	\$0.00	\$73.53
	7/16/2026	\$46.23	\$10.60	\$8.70	\$10.00	\$0.00	\$75.53
ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 248 ROOFERS LOCAL 248 For apprentice rates see "Apprentice- ROOFER"	10/2/2025	\$44.73	\$10.60	\$8.70	\$10.00	\$0.00	\$74.03
	7/16/2026	\$46.73	\$10.60	\$8.70	\$10.00	\$0.00	\$76.03
SCRAPER OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SHEETMETAL WORKER	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28
SHEETMETAL WORKERS LOCAL 63	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78
SHEETMETAL WORKERS LOCAL 63	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.82	\$4.95	\$0.00	\$0.85	\$31.19
2	50.00	\$21.74	\$6.47	\$5.51	\$0.00	\$0.94	\$34.66
3	55.00	\$23.91	\$7.12	\$9.91	\$0.00	\$1.15	\$42.09
4	60.00	\$26.09	\$7.76	\$9.91	\$0.00	\$1.23	\$44.99
5	65.00	\$28.26	\$8.41	\$9.91	\$0.00	\$1.31	\$47.89
6	70.00	\$30.44	\$9.06	\$9.91	\$0.00	\$1.39	\$50.80
7	75.00	\$32.61	\$9.71	\$9.91	\$0.00	\$1.47	\$53.70
8	80.00	\$34.78	\$10.35	\$9.91	\$8.72	\$1.78	\$65.54
9	85.00	\$36.96	\$11.00	\$9.91	\$8.72	\$1.86	\$68.45
10	90.00	\$39.13	\$11.65	\$9.91	\$8.72	\$1.94	\$71.35

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.96	\$4.95	\$0.00	\$0.85	\$31.33
2	50.00	\$21.74	\$6.62	\$5.51	\$0.00	\$0.94	\$34.81
3	55.00	\$23.91	\$7.28	\$9.91	\$0.00	\$1.15	\$42.25
4	60.00	\$26.09	\$7.94	\$9.91	\$0.00	\$1.23	\$45.17
5	65.00	\$28.26	\$8.60	\$9.91	\$0.00	\$1.31	\$48.08
6	70.00	\$30.44	\$9.27	\$9.91	\$0.00	\$1.39	\$51.01
7	75.00	\$32.61	\$9.93	\$9.91	\$0.00	\$1.47	\$53.92
8	80.00	\$34.78	\$10.59	\$9.91	\$9.92	\$1.78	\$66.98
9	85.00	\$36.96	\$11.25	\$9.91	\$9.92	\$1.86	\$69.90
10	90.00	\$39.13	\$11.92	\$9.91	\$9.92	\$1.94	\$72.82

Apprentice to Journeyworker Ratio: 1:3

SPECIALIZED EARTH MOVING EQUIP < 35 TONS	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
SPECIALIZED EARTH MOVING EQUIP > 35 TONS	6/1/2026	\$42.53	\$16.17	\$21.78	\$0.00	\$0.00	\$80.48
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.53	\$16.17	\$23.52	\$0.00	\$0.00	\$82.22
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.53	\$16.77	\$23.52	\$0.00	\$0.00	\$82.82
SPRINKLER FITTER	4/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	7/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SPRINKLER FITTERS LOCAL 669	10/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
	1/1/2027	\$56.54	\$14.55	\$7.50	\$9.41	\$0.00	\$88.00
	4/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	7/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	10/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	1/1/2028	\$59.83	\$15.50	\$7.55	\$9.41	\$0.00	\$92.29

Apprentice: SPRINKLER FITTER**Effective Date: 4/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice: SPRINKLER FITTER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice to Journeyworker Ratio: 1:1

TELECOMMUNICATION TECHNICIAN	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
TELECOMMUNICATION TECHNICIAN	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							
ELECTRICIANS LOCAL 7							

For apprentice rates and ratios see "Apprentice- ELECTRICIAN"

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: TELECOMMUNICATION TECHNICIAN Effective Date: 6/28/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$21.76	\$7.80	\$0.63	\$0.00	\$0.00	\$30.19
2	45.00	\$24.48	\$7.80	\$0.70	\$0.00	\$0.00	\$32.98
3	50.00	\$27.21	\$14.00	\$7.53	\$0.00	\$0.00	\$48.74
4	55.00	\$29.93	\$14.00	\$7.61	\$0.00	\$0.00	\$51.54
5	65.00	\$35.37	\$14.00	\$9.84	\$0.00	\$0.00	\$59.21
6	70.00	\$38.09	\$14.00	\$11.30	\$0.00	\$0.00	\$63.39
Apprentice to Journeyworker Ratio: 1:1							
TERRAZZO FINISHERS	2/10/2026	\$66.89	\$12.84	\$15.57	\$8.02	\$0.00	\$103.32
BRICKLAYERS LOCAL 3	8/1/2026	\$69.09	\$12.84	\$15.57	\$8.02	\$0.00	\$105.52
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	2/1/2027	\$70.49	\$12.84	\$15.57	\$8.02	\$0.00	\$106.92
Apprentice: TERRAZZO FINISHERS Effective Date: 2/10/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.45	\$12.84	\$15.57	\$8.02	\$0.00	\$69.88
2	60.00	\$40.13	\$12.84	\$15.57	\$8.02	\$0.00	\$76.56
3	70.00	\$46.82	\$12.84	\$15.57	\$8.02	\$0.00	\$83.25
4	80.00	\$53.51	\$12.84	\$15.57	\$8.02	\$0.00	\$89.94
5	90.00	\$60.20	\$12.84	\$15.57	\$8.02	\$0.00	\$96.63
Apprentice: TERRAZZO FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.55	\$12.84	\$15.57	\$8.02	\$0.00	\$70.98
2	60.00	\$41.45	\$12.84	\$15.57	\$8.02	\$0.00	\$77.88
3	70.00	\$48.36	\$12.84	\$15.57	\$8.02	\$0.00	\$84.79
4	80.00	\$55.27	\$12.84	\$15.57	\$8.02	\$0.00	\$91.70
5	90.00	\$62.18	\$12.84	\$15.57	\$8.02	\$0.00	\$98.61
Apprentice to Journeyworker Ratio: 1:5							
TERRAZZO MECHANIC	2/1/2026	\$67.97	\$12.84	\$15.57	\$7.99	\$0.00	\$104.37
BRICKLAYERS LOCAL 3	8/1/2026	\$70.17	\$12.84	\$15.57	\$7.99	\$0.00	\$106.57
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	2/1/2027	\$71.57	\$12.84	\$15.57	\$7.99	\$0.00	\$107.97

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: TERRAZZO MECHANIC Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.99	\$12.84	\$15.57	\$7.99	\$0.00	\$70.39
2	60.00	\$40.78	\$12.84	\$15.57	\$7.99	\$0.00	\$77.18
3	70.00	\$47.58	\$12.84	\$15.57	\$7.99	\$0.00	\$83.98
4	80.00	\$54.38	\$12.84	\$15.57	\$7.99	\$0.00	\$90.78
5	90.00	\$61.17	\$12.84	\$15.57	\$7.99	\$0.00	\$97.57
Apprentice: TERRAZZO MECHANIC Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.09	\$12.84	\$15.57	\$7.99	\$0.00	\$71.49
2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50
3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52
4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54
5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55
Apprentice to Journeyworker Ratio: 1:5							
TEST BORING DRILLER	6/1/2026	\$53.25	\$10.90	\$9.75	\$9.80	\$0.00	\$83.70
LABORERS	12/1/2026	\$54.75	\$10.90	\$9.75	\$9.80	\$0.00	\$85.20
For apprentice rates see "Apprentice- LABORER"							
TEST BORING DRILLER HELPER	6/1/2026	\$49.37	\$10.90	\$9.75	\$9.80	\$0.00	\$79.82
LABORERS	12/1/2026	\$50.87	\$10.90	\$9.75	\$9.80	\$0.00	\$81.32
For apprentice rates see "Apprentice- LABORER"							
TEST BORING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
For apprentice rates see "Apprentice- LABORER"							
TRACTORS	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TRAILERS FOR EARTH MOVING EQUIPMENT	6/1/2026	\$42.82	\$16.17	\$21.78	\$0.00	\$0.00	\$80.77
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.82	\$16.17	\$23.52	\$0.00	\$0.00	\$82.51
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.82	\$16.77	\$23.52	\$0.00	\$0.00	\$83.11
TUNNEL WORK - COMPRESSED AIR	6/1/2026	\$61.48	\$10.90	\$9.75	\$10.25	\$0.00	\$92.38
LABORERS	12/1/2026	\$62.98	\$10.90	\$9.75	\$10.25	\$0.00	\$93.88
LABORERS (COMPRESSED AIR)							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS	6/1/2026	\$63.48	\$10.90	\$9.75	\$10.25	\$0.00	\$94.38
LABORERS (COMPRESSED AIR)	12/1/2026	\$64.98	\$10.90	\$9.75	\$10.25	\$0.00	\$95.88
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR LABORERS	6/1/2026	\$53.55	\$10.90	\$9.75	\$10.25	\$0.00	\$84.45
LABORERS (FREE AIR TUNNEL)	12/1/2026	\$55.05	\$10.90	\$9.75	\$10.25	\$0.00	\$85.95
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS	6/1/2026	\$55.55	\$10.90	\$9.75	\$10.25	\$0.00	\$86.45
LABORERS (FREE AIR TUNNEL)	12/1/2026	\$57.05	\$10.90	\$9.75	\$10.25	\$0.00	\$87.95
For apprentice rates see "Apprentice- LABORER"							
VAC-HAUL	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR LABORERS	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
WATER METER INSTALLER	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$56.26	\$12.00	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"							

Marine Drilling

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BLASTER MARINE DRILLING MARINE DRILLING	1/1/2018	\$41.82	\$7.63	\$2.35	\$1.25	\$0.00	\$53.05
BOAT CAPTAIN MARINE DRILLING MARINE DRILLING	1/1/2018	\$33.87	\$7.63	\$2.35	\$0.95	\$0.00	\$44.80
BOAT CAPTAIN / Over 1,000 hp MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.06	\$7.63	\$2.35	\$1.25	\$0.00	\$49.29
CORE DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$31.43	\$7.63	\$2.25	\$0.65	\$0.00	\$41.96
CORE DRILLER HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$28.47	\$7.63	\$2.35	\$0.65	\$0.00	\$39.10
DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.70	\$7.63	\$2.35	\$1.25	\$0.00	\$50.93
ENGINEER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.69	\$7.63	\$2.25	\$1.25	\$0.00	\$50.82
HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
MACHINIST MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81
OILER - MARINE DRILLING MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
TUG DECKHAND MARINE DRILLING MARINE DRILLING	1/1/2018	\$27.61	\$7.63	\$2.35	\$0.65	\$0.00	\$38.24
WELDER MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81

Op Eng Marine (Dredging Work)

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$29.26	\$7.63	\$2.35	\$0.95	\$0.00	\$40.19
CERTIFIED WELDER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$31.09	\$7.63	\$2.35	\$1.25	\$0.00	\$42.32
CHIEF WELDER/ CHIEF MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DERRICK / SPIDER / SPILLBARGE OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DRAG BARGE OPERATOR / WELDER / MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$30.24	\$7.63	\$2.35	\$0.95	\$0.00	\$41.17
ENGINEER / ELECTRICIAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED TUG OPERATOR OVER 1000HP OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
MAINTENANCE ENGINEER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.03	\$7.63	\$2.35	\$1.25	\$0.00	\$44.26
OILER - MARINE DIVISION OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
OPERATOR / LEVERMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
RODMAN / SCOWMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
SHOREMAN / DECKHAND OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93

Additional Apprentice Information

All apprentices must be registered with the Division of Apprenticeship Training(DAS) in accordance with M.G.L.c. 23, §§ 11E-11L. Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the hourly prevailing wage rate established by the Commissioner under the provisions of M.G.L.c. 149, §§ 26-27D.

Apprentice ratios are established by DAS pursuant to M.G.L.c. 23, §§ 11E-11L. Ratios are expressed as the allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified. The ratios listed herein have been taken from relevant private collective bargaining agreements(CBAs) and are provided for illustrative purposes only. They have not been independently verified as being accurate or continuing to be accurate.

Parties having questions regarding what ratio to use should contact DAS.



**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
Prevailing Wage Rates**

MAURA HEALEY
Governor
KIM DRISCOLL
Lt. Governor

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

LAUREN JONES
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority:	Massachusetts Highway	City/Town:	NORTHFIELD
Contract Number:	134932		
Description of Work:	GILL-NORTHFIELD-ROYALSTON-WINCENDON - Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)		
Job Location:	Municipal Bridges at Multiple locations		

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, the awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.
- This annual update requirement is generally not applicable to 27F “rental of equipment” contracts. For such contracts, the prevailing wage rates issued by DLS shall remain in effect for the duration of the contract term. However, if the prevailing wage rate sheet issued does not contain wage rates for each year covered by the contract term, the Awarding Authority must request updated rate sheets from DLS and provide them to the contractor to ensure the correct rates are being paid throughout the duration of the contract. Additionally, if an Awarding Authority exercises an option to renew or extend the contract term, they must request updated rate sheets from DLS and provide them to the contractor.
- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker’s rate.**
- Every contractor or subcontractor working on the construction project must submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. For a sample payroll reporting form go to <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Contractors must obtain the wage schedules from awarding authorities. Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
(2 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$41.95	\$16.17	\$21.78	\$0.00	\$0.00	\$79.90
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.95	\$16.17	\$23.52	\$0.00	\$0.00	\$81.64
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.95	\$16.77	\$23.52	\$0.00	\$0.00	\$82.24
(3 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.02	\$16.17	\$21.78	\$0.00	\$0.00	\$79.97
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.02	\$16.17	\$23.52	\$0.00	\$0.00	\$81.71
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.02	\$16.77	\$23.52	\$0.00	\$0.00	\$82.31
(4 & 5 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.14	\$16.17	\$21.78	\$0.00	\$0.00	\$80.09
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.14	\$16.17	\$23.52	\$0.00	\$0.00	\$81.83
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.14	\$16.77	\$23.52	\$0.00	\$0.00	\$82.43
ADS/SUBMERSIBLE PILOT	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
AIR TRACK OPERATOR	6/1/2026	\$37.75	\$10.90	\$9.75	\$8.62	\$0.00	\$67.02
LABORERS	12/7/2026	\$39.05	\$10.90	\$9.75	\$8.62	\$0.00	\$68.32
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$40.45	\$10.90	\$9.75	\$8.62	\$0.00	\$69.72
	12/6/2027	\$41.85	\$10.90	\$9.75	\$8.62	\$0.00	\$71.12
	6/5/2028	\$43.35	\$10.90	\$9.75	\$8.62	\$0.00	\$72.62
	12/4/2028	\$44.85	\$10.90	\$9.75	\$8.62	\$0.00	\$74.12
For apprentice rates see "Apprentice- LABORER"							
AIR TRACK OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
ASBESTOS WORKER (PIPES & TANKS)	12/1/2025	\$40.32	\$14.50	\$4.30	\$6.25	\$0.00	\$65.37
HEAT & FROST INSULATORS LOCAL 6							
HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)							
ASPHALT RAKER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
ASPHALT RAKER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BACKHOE/FRONT-END LOADER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BARCO-TYPE JUMPING TAMPER LABORERS	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
BATCH/CEMENT PLANT - ON SITE OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BLOCK PAVER, RAMMER / CURB SETTER LABORERS	6/1/2026	\$37.75	\$10.90	\$9.75	\$8.62	\$0.00	\$67.02
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$39.05	\$10.90	\$9.75	\$8.62	\$0.00	\$68.32
	6/7/2027	\$40.45	\$10.90	\$9.75	\$8.62	\$0.00	\$69.72
	12/6/2027	\$41.85	\$10.90	\$9.75	\$8.62	\$0.00	\$71.12
	6/5/2028	\$43.35	\$10.90	\$9.75	\$8.62	\$0.00	\$72.62
	12/4/2028	\$44.85	\$10.90	\$9.75	\$8.62	\$0.00	\$74.12
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
BOILER MAKER BOILERMAKERS LOCAL 29 BOILERMAKERS LOCAL 29	1/1/2024	\$48.12	\$7.07	\$14.60	\$6.00	\$0.00	\$75.79

Apprentice: BOILER MAKER							
Effective Date: 1/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
2	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
3	70.00	\$33.68	\$7.07	\$10.03	\$4.20	\$0.00	\$54.98
4	75.00	\$36.09	\$7.07	\$10.74	\$4.50	\$0.00	\$58.40
5	80.00	\$38.50	\$7.07	\$11.45	\$4.80	\$0.00	\$61.82
6	85.00	\$40.90	\$7.07	\$12.18	\$5.10	\$0.00	\$65.25
7	90.00	\$43.31	\$7.07	\$12.88	\$5.40	\$0.00	\$68.66
8	95.00	\$45.71	\$7.07	\$13.62	\$5.70	\$0.00	\$72.10

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	2/1/2026	\$56.36	\$12.84	\$15.57	\$5.89	\$0.00	\$90.66
BRICKLAYERS LOCAL 3	8/1/2026	\$58.56	\$12.84	\$15.57	\$5.89	\$0.00	\$92.86
BRICKLAYERS LOCAL 3 (SPRINGFIELD/PITTSFIELD)	2/1/2027	\$59.96	\$12.84	\$15.57	\$5.89	\$0.00	\$94.26

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$28.18	\$12.84	\$15.57	\$5.89	\$0.00	\$62.48
2	60.00	\$33.82	\$12.84	\$15.57	\$5.89	\$0.00	\$68.12
3	70.00	\$39.45	\$12.84	\$15.57	\$5.89	\$0.00	\$73.75
4	80.00	\$45.09	\$12.84	\$15.57	\$5.89	\$0.00	\$79.39
5	90.00	\$50.72	\$12.84	\$15.57	\$5.89	\$0.00	\$85.02

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.28	\$12.84	\$15.57	\$5.89	\$0.00	\$63.58
2	60.00	\$35.14	\$12.84	\$15.57	\$5.89	\$0.00	\$69.44
3	70.00	\$40.99	\$12.84	\$15.57	\$5.89	\$0.00	\$75.29
4	80.00	\$46.85	\$12.84	\$15.57	\$5.89	\$0.00	\$81.15
5	90.00	\$52.70	\$12.84	\$15.57	\$5.89	\$0.00	\$87.00

Apprentice to Journeyworker Ratio: 1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

CAISSON & UNDERPINNING BOTTOM MAN	6/1/2026	\$50.40	\$10.90	\$9.75	\$9.80	\$0.00	\$80.85
LABORERS	12/1/2026	\$51.90	\$10.90	\$9.75	\$9.80	\$0.00	\$82.35
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING TOP MAN	6/1/2026	\$49.58	\$10.90	\$9.75	\$9.80	\$0.00	\$80.03
LABORERS	12/1/2026	\$51.08	\$10.90	\$9.75	\$9.80	\$0.00	\$81.53
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CARBIDE CORE DRILL OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

CARPENTER	3/1/2026	\$43.81	\$9.19	\$11.25	\$6.90	\$0.00	\$71.15
CARPENTERS	9/1/2026	\$44.76	\$9.19	\$11.25	\$6.90	\$0.00	\$72.10
CARPENTERS LOCAL 336 - HAMPDEN HAMPSHIRE FRANKLIN	3/1/2027	\$45.66	\$9.19	\$11.25	\$6.90	\$0.00	\$73.00

Apprentice: CARPENTER

Effective Date: 3/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.71	\$9.19	\$0.00	\$1.38	\$0.00	\$30.28
2	45.00	\$19.71	\$1.28	\$0.00	\$1.38	\$0.00	\$22.37
3	55.00	\$24.10	\$9.19	\$0.00	\$2.76	\$0.00	\$36.05
4	55.00	\$24.10	\$9.19	\$0.00	\$2.76	\$0.00	\$36.05
5	70.00	\$30.67	\$9.19	\$11.25	\$4.14	\$0.00	\$55.25
6	70.00	\$30.67	\$9.19	\$11.25	\$4.14	\$0.00	\$55.25
7	80.00	\$35.05	\$9.19	\$11.25	\$5.52	\$0.00	\$61.01
8	80.00	\$35.05	\$9.19	\$11.25	\$5.52	\$0.00	\$61.01

Apprentice: CARPENTER

Effective Date: 9/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$20.14	\$9.19	\$0.00	\$1.38	\$0.00	\$30.71
2	45.00	\$20.14	\$9.19	\$0.00	\$1.38	\$0.00	\$30.71
3	55.00	\$24.62	\$9.19	\$0.00	\$2.76	\$0.00	\$36.57
4	55.00	\$24.62	\$9.19	\$0.00	\$2.76	\$0.00	\$36.57
5	70.00	\$31.33	\$9.19	\$11.25	\$4.14	\$0.00	\$55.91
6	70.00	\$31.33	\$9.19	\$11.25	\$4.14	\$0.00	\$55.91
7	80.00	\$35.81	\$9.19	\$11.25	\$5.52	\$0.00	\$61.77
8	80.00	\$35.81	\$9.19	\$11.25	\$5.52	\$0.00	\$61.77

Apprentice to Journeyworker Ratio: 1:5

CARPENTER WOOD FRAME	10/1/2025	\$27.37	\$7.38	\$4.47	\$1.00	\$0.00	\$40.22
CARPENTERS	10/1/2026	\$28.47	\$7.38	\$4.47	\$1.00	\$0.00	\$41.32

All Aspects of New Wood Frame Work

Apprentice: CARPENTER WOOD FRAME

Effective Date: 10/1/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
3	65.00	\$17.79	\$7.38	\$0.00	\$1.00	\$0.00	\$26.17
4	70.00	\$19.16	\$7.38	\$0.00	\$1.00	\$0.00	\$27.54
5	75.00	\$20.53	\$7.38	\$3.80	\$1.00	\$0.00	\$32.71
6	80.00	\$21.90	\$7.38	\$3.80	\$1.00	\$0.00	\$34.08
7	85.00	\$23.26	\$7.38	\$3.80	\$1.00	\$0.00	\$35.44
8	90.00	\$24.63	\$7.38	\$3.80	\$1.00	\$0.00	\$36.81

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
2	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
3	65.00	\$18.51	\$7.38	\$0.00	\$1.00	\$0.00	\$26.89
4	70.00	\$19.93	\$7.38	\$0.00	\$1.00	\$0.00	\$28.31
5	75.00	\$21.35	\$7.38	\$3.80	\$1.00	\$0.00	\$33.53
6	80.00	\$22.78	\$7.38	\$3.80	\$1.00	\$0.00	\$34.96
7	85.00	\$24.20	\$7.38	\$3.80	\$1.00	\$0.00	\$36.38
8	90.00	\$25.62	\$7.38	\$3.80	\$1.00	\$0.00	\$37.80

Apprentice to Journeyworker Ratio: 1:5

CEMENT MASONRY/PLASTERING	1/1/2026	\$48.13	\$13.20	\$16.30	\$2.93	\$1.69	\$82.25
PLASTERERS AND CEMENT MASONS LOCAL 534	7/1/2026	\$49.32	\$13.20	\$16.30	\$2.93	\$1.69	\$83.44
Plasterers and Cement Masons - Zone 2	1/1/2027	\$50.51	\$13.20	\$16.30	\$2.93	\$1.69	\$84.63
	7/1/2027	\$51.70	\$13.20	\$16.30	\$2.93	\$1.69	\$85.82
	1/1/2028	\$52.89	\$13.20	\$16.30	\$2.93	\$1.69	\$87.01

Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.07	\$13.20	\$16.30	\$0.00	\$0.00	\$53.57
2	60.00	\$28.88	\$13.20	\$16.30	\$2.93	\$1.69	\$63.00
3	65.00	\$31.28	\$13.20	\$16.30	\$2.93	\$1.69	\$65.40
4	70.00	\$33.69	\$13.20	\$16.30	\$2.93	\$1.69	\$67.81
5	75.00	\$36.10	\$13.20	\$16.30	\$2.93	\$1.69	\$70.22
6	80.00	\$38.50	\$13.20	\$16.30	\$2.93	\$1.69	\$72.62
7	90.00	\$43.32	\$13.20	\$16.30	\$2.93	\$1.69	\$77.44

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.66	\$13.20	\$16.30	\$0.00	\$0.00	\$54.16
2	60.00	\$29.59	\$13.20	\$16.30	\$2.93	\$1.69	\$63.71
3	65.00	\$32.06	\$13.20	\$16.30	\$2.93	\$1.69	\$66.18
4	70.00	\$34.52	\$13.20	\$16.30	\$2.93	\$1.69	\$68.64
5	75.00	\$36.99	\$13.20	\$16.30	\$2.93	\$1.69	\$71.11
6	80.00	\$39.46	\$13.20	\$16.30	\$2.93	\$1.69	\$73.58
7	90.00	\$44.39	\$13.20	\$16.30	\$2.93	\$0.00	\$76.82

Apprentice to Journeyworker Ratio: 1:5

CHAIN SAW OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	12/1/2023	\$43.06	\$13.78	\$12.15	\$3.00	\$0.00	\$71.99
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: DELEADER (BRIDGE)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 1:1							
DEMO: ADZEMAN	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BURNERS	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: CONCRETE CUTTER/SAWYER	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: JACKHAMMER OPERATOR	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: WRECKING LABORER	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
DIVER	8/1/2024	\$78.11	\$10.08	\$11.62	\$12.67	\$0.00	\$112.48
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Diver wage 70/80/90 2A \$69.83, 3A \$91.79,4A \$102.14 Total Rate							
DIVER TENDER	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Piledriver wage 70/80/90 2A \$54.20, 3A \$73.93,4A \$82.05 Total Rate							
DIVER TENDER (EFFLUENT)	8/1/2024	\$83.69	\$10.08	\$11.62	\$12.67	\$0.00	\$118.06
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DIVER/SLURRY (EFFLUENT)	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DRAWBRIDGE OPERATOR (Construction)	7/1/2020	\$26.77	\$6.67	\$3.93	\$0.00	\$0.16	\$37.53
DRAWBRIDGE - SEIU LOCAL 888							
DRAWBRIDGE - SEIU LOCAL 888							
ELECTRICIAN (Including Core Drilling)	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
ELECTRICIANS LOCAL 7	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							

Apprentice: ELECTRICIAN (Including Core Drilling)							
Effective Date: 6/28/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$21.76	\$7.80	\$0.63	\$0.00	\$0.00	\$30.19
2	45.00	\$24.48	\$7.80	\$0.70	\$0.00	\$0.00	\$32.98
3	50.00	\$27.21	\$14.00	\$7.53	\$0.00	\$0.00	\$48.74
4	55.00	\$29.93	\$14.00	\$7.61	\$0.00	\$0.00	\$51.54
5	65.00	\$35.37	\$14.00	\$9.84	\$0.00	\$0.00	\$59.21
6	70.00	\$38.09	\$14.00	\$11.30	\$0.00	\$0.00	\$63.39

Apprentice to Journeyworker Ratio: 2:3

ELEVATOR CONSTRUCTOR	1/1/2026	\$69.23	\$16.38	\$11.06	\$10.70	\$0.00	\$107.37
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$72.23	\$16.48	\$11.16	\$11.00	\$0.00	\$110.87
ELEVATOR CONSTRUCTORS LOCAL 41							

Apprentice: ELEVATOR CONSTRUCTOR							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.62	\$16.38	\$0.00	\$0.00	\$0.00	\$51.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: ELEVATOR CONSTRUCTOR Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	55.00	\$38.08	\$16.38	\$11.06	\$10.70	\$0.00	\$76.22
3	65.00	\$45.00	\$16.38	\$11.06	\$10.70	\$0.00	\$83.14
4	70.00	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
5	80.00	\$55.38	\$16.38	\$11.06	\$10.70	\$0.00	\$93.52
Apprentice: ELEVATOR CONSTRUCTOR Effective Date: 1/1/2027							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$36.12	\$16.48	\$0.00	\$0.00	\$0.00	\$52.60
2	55.00	\$39.73	\$16.48	\$11.16	\$11.00	\$0.00	\$78.37
3	65.00	\$46.95	\$16.48	\$11.16	\$11.00	\$0.00	\$85.59
4	70.00	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
5	80.00	\$57.78	\$16.48	\$11.16	\$11.00	\$0.00	\$96.42
Apprentice to Journeyworker Ratio: 1:1							
ELEVATOR CONSTRUCTOR HELPER	1/1/2026	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
ELEVATOR CONSTRUCTORS LOCAL 41							
For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"							
FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY	6/1/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$0.00	\$27.74
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY	6/1/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$0.00	\$30.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY	6/1/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$0.00	\$31.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
FIRE ALARM INSTALLER	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
ELECTRICIANS LOCAL 7	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							
For apprentice rates see "Apprentice- ELECTRICIAN"							
FIRE ALARM REPAIR / MAINTENANCE	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
/ COMMISSIONING	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
ELECTRICIANS LOCAL 7							
For apprentice rates see "Apprentice- TELECOMMUNICATIONS TECHNICIAN"							

FIREMAN	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Apprentice: FIREMAN							
Effective Date: 12/1/2023							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$23.42	\$13.78	\$12.15	\$3.00	\$0.00	\$52.35
2	70.00	\$27.32	\$13.78	\$12.15	\$3.00	\$0.00	\$56.25
3	80.00	\$31.22	\$13.78	\$12.15	\$3.00	\$0.00	\$60.15
4	90.00	\$35.13	\$13.78	\$12.15	\$3.00	\$0.00	\$64.06

Apprentice to Journeyworker Ratio: 1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY)	6/1/2026	\$29.21	\$10.90	\$9.75	\$6.60	\$0.00	\$56.46
LABORERS	12/1/2026	\$29.21	\$10.90	\$9.75	\$6.60	\$0.00	\$56.46
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

FLOORCOVERER	3/1/2026	\$44.34	\$8.56	\$11.25	\$6.90	\$0.00	\$71.05
FLOORCOVERERS LOCAL 2168	9/1/2026	\$45.29	\$8.56	\$11.25	\$6.90	\$0.00	\$72.00
FLOORCOVERERS LOCAL 2168 ZONE III	3/1/2027	\$46.19	\$8.56	\$11.25	\$6.90	\$0.00	\$72.90

Apprentice: FLOORCOVERER							
Effective Date: 3/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.95	\$8.56	\$0.00	\$1.38	\$0.00	\$29.89
2	45.00	\$19.95	\$8.56	\$0.00	\$1.38	\$0.00	\$29.89
3	55.00	\$24.39	\$8.56	\$0.00	\$2.76	\$0.00	\$35.71
4	55.00	\$24.39	\$8.56	\$0.00	\$2.76	\$0.00	\$35.71
5	70.00	\$31.04	\$8.56	\$11.25	\$4.14	\$0.00	\$54.99
6	70.00	\$31.04	\$8.56	\$11.25	\$4.14	\$0.00	\$54.99
7	80.00	\$35.47	\$8.56	\$11.25	\$5.52	\$0.00	\$60.80
8	80.00	\$35.47	\$8.56	\$11.25	\$5.52	\$0.00	\$60.80

Apprentice: FLOORCOVERER							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$20.38	\$8.56	\$0.00	\$1.38	\$0.00	\$30.32
2	45.00	\$20.38	\$8.56	\$0.00	\$1.38	\$0.00	\$30.32
3	55.00	\$24.91	\$8.56	\$0.00	\$2.76	\$0.00	\$36.23

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: FLOORCOVERER Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	55.00	\$24.91	\$8.56	\$0.00	\$2.76	\$0.00	\$36.23
5	70.00	\$31.70	\$8.56	\$11.25	\$4.14	\$0.00	\$55.65
6	70.00	\$31.70	\$8.56	\$11.25	\$4.14	\$0.00	\$55.65
7	80.00	\$36.23	\$8.56	\$11.25	\$5.52	\$0.00	\$61.56
8	80.00	\$36.23	\$8.56	\$11.25	\$5.52	\$0.00	\$61.56
Apprentice Notes Steps are 750 hrs. Apprentice to Journeyworker Ratio: 1:1							
FORK LIFT OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.25	\$13.78	\$12.15	\$3.00	\$0.00	\$68.18
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
GENERATORS/LIGHTING PLANTS OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)	6/1/2026	\$44.73	\$11.20	\$8.40	\$6.05	\$0.00	\$70.38
GLAZIERS LOCAL 1333	6/1/2027	\$46.73	\$11.60	\$8.55	\$6.60	\$0.00	\$73.48
GLAZIERS LOCAL 1333	6/1/2028	\$48.73	\$12.00	\$8.70	\$7.20	\$0.00	\$76.63

Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)**Effective Date: 6/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$22.37	\$11.20	\$8.40	\$6.05	\$0.00	\$48.02
2	56.25	\$25.16	\$11.20	\$8.40	\$6.05	\$0.00	\$50.81
3	62.50	\$27.96	\$11.20	\$8.40	\$6.05	\$0.00	\$53.61
4	68.75	\$30.75	\$11.20	\$8.40	\$6.05	\$0.00	\$56.40
5	75.00	\$33.55	\$11.20	\$8.40	\$6.05	\$0.00	\$59.20
6	81.25	\$36.34	\$11.20	\$8.40	\$6.05	\$0.00	\$61.99
7	87.50	\$39.14	\$11.20	\$8.40	\$6.05	\$0.00	\$64.79
8	93.75	\$41.93	\$11.20	\$8.40	\$6.05	\$0.00	\$67.58

Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS)**Effective Date: 6/1/2027**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.37	\$11.60	\$8.55	\$6.60	\$0.00	\$50.12

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																
Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) Effective Date: 6/1/2027 <table><thead><tr><th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr></thead><tbody><tr><td>2</td><td>56.25</td><td>\$26.29</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$53.04</td></tr><tr><td>3</td><td>62.50</td><td>\$29.21</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$55.96</td></tr><tr><td>4</td><td>68.75</td><td>\$32.13</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$58.88</td></tr><tr><td>5</td><td>75.00</td><td>\$35.05</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$61.80</td></tr><tr><td>6</td><td>81.25</td><td>\$37.97</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$64.72</td></tr><tr><td>7</td><td>87.50</td><td>\$40.89</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$67.64</td></tr><tr><td>8</td><td>93.75</td><td>\$43.81</td><td>\$11.60</td><td>\$8.55</td><td>\$6.60</td><td>\$0.00</td><td>\$70.56</td></tr></tbody></table> Apprentice to Journeyworker Ratio: 3:1								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	2	56.25	\$26.29	\$11.60	\$8.55	\$6.60	\$0.00	\$53.04	3	62.50	\$29.21	\$11.60	\$8.55	\$6.60	\$0.00	\$55.96	4	68.75	\$32.13	\$11.60	\$8.55	\$6.60	\$0.00	\$58.88	5	75.00	\$35.05	\$11.60	\$8.55	\$6.60	\$0.00	\$61.80	6	81.25	\$37.97	\$11.60	\$8.55	\$6.60	\$0.00	\$64.72	7	87.50	\$40.89	\$11.60	\$8.55	\$6.60	\$0.00	\$67.64	8	93.75	\$43.81	\$11.60	\$8.55	\$6.60	\$0.00	\$70.56
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																
2	56.25	\$26.29	\$11.60	\$8.55	\$6.60	\$0.00	\$53.04																																																																
3	62.50	\$29.21	\$11.60	\$8.55	\$6.60	\$0.00	\$55.96																																																																
4	68.75	\$32.13	\$11.60	\$8.55	\$6.60	\$0.00	\$58.88																																																																
5	75.00	\$35.05	\$11.60	\$8.55	\$6.60	\$0.00	\$61.80																																																																
6	81.25	\$37.97	\$11.60	\$8.55	\$6.60	\$0.00	\$64.72																																																																
7	87.50	\$40.89	\$11.60	\$8.55	\$6.60	\$0.00	\$67.64																																																																
8	93.75	\$43.81	\$11.60	\$8.55	\$6.60	\$0.00	\$70.56																																																																
GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49																																																																
HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63 For apprentice rates see "Apprentice- SHEET METAL WORKER"	7/1/2025 7/1/2026 1/1/2027 7/1/2027 1/1/2028	\$43.48 \$43.48 \$43.48 \$44.98 \$46.48	\$12.94 \$13.24 \$13.54 \$13.54 \$13.54	\$11.01 \$11.01 \$11.01 \$11.01 \$11.01	\$8.72 \$9.92 \$11.12 \$11.12 \$11.12	\$2.13 \$2.13 \$2.13 \$2.13 \$2.13	\$78.28 \$79.78 \$81.28 \$82.78 \$84.28																																																																
HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 7 ELECTRICIANS LOCAL 7 For apprentice rates see "Apprentice- ELECTRICIAN"	6/28/2026 1/3/2027	\$54.41 \$55.56	\$14.00 \$14.25	\$8.43 \$8.47	\$7.03 \$7.09	\$0.00 \$0.00	\$83.87 \$85.37																																																																
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63 For apprentice rates see "Apprentice- SHEET METAL WORKER"	7/1/2025 7/1/2026 1/1/2027 7/1/2027 1/1/2028	\$43.48 \$43.48 \$43.48 \$44.98 \$46.48	\$12.94 \$13.24 \$13.54 \$13.54 \$13.54	\$11.01 \$11.01 \$11.01 \$11.01 \$11.01	\$8.72 \$9.92 \$11.12 \$11.12 \$11.12	\$2.13 \$2.13 \$2.13 \$2.13 \$2.13	\$78.28 \$79.78 \$81.28 \$82.78 \$84.28																																																																
HVAC (TESTING AND BALANCING -WATER) PLUMBERS & PIPEFITTERS LOCAL 104 PLUMBERS & PIPEFITTERS LOCAL 104 For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"	3/17/2026 9/17/2026 3/17/2027 9/17/2027 3/17/2028 9/17/2028 3/17/2029	\$52.76 \$54.76 \$58.26 \$60.26 \$62.26 \$64.26 \$66.26	\$13.50 \$13.50 \$12.00 \$12.00 \$12.00 \$12.00 \$12.00	\$10.85 \$10.85 \$10.85 \$10.85 \$10.85 \$10.85 \$10.85	\$7.10 \$7.10 \$7.10 \$7.10 \$7.10 \$7.10 \$7.10	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$84.21 \$86.21 \$88.21 \$90.21 \$92.21 \$94.21 \$96.21																																																																
HVAC MECHANIC PLUMBERS & PIPEFITTERS LOCAL 104 PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2026 9/17/2026 3/17/2027	\$52.76 \$54.76 \$58.26	\$13.50 \$13.50 \$12.00	\$10.85 \$10.85 \$10.85	\$7.10 \$7.10 \$7.10	\$0.00 \$0.00 \$0.00	\$84.21 \$86.21 \$88.21																																																																

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

HYDRAULIC DRILLS (HEAVY & HIGHWAY)	6/1/2026	\$37.74	\$10.90	\$9.75	\$6.60	\$0.00	\$64.99
LABORERS	12/1/2026	\$39.03	\$10.90	\$9.75	\$6.60	\$0.00	\$66.28
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

INSULATOR (PIPES & TANKS)	9/1/2025	\$48.27	\$14.75	\$9.52	\$10.09	\$0.00	\$82.63
HEAT & FROST INSULATORS LOCAL 6	9/1/2026	\$51.01	\$14.75	\$9.52	\$10.09	\$0.00	\$85.37
HEAT & FROST INSULATORS LOCAL 6 (SPRINGFIELD)							

Apprentice: INSULATOR (PIPES & TANKS)

Effective Date: 9/1/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.14	\$14.75	\$9.27	\$5.05	\$0.00	\$53.21
2	60.00	\$28.96	\$14.75	\$9.32	\$6.05	\$0.00	\$59.08
3	70.00	\$33.79	\$14.75	\$9.37	\$7.06	\$0.00	\$64.97
4	80.00	\$38.62	\$14.75	\$9.42	\$8.07	\$0.00	\$70.86

Apprentice: INSULATOR (PIPES & TANKS)

Effective Date: 9/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$25.51	\$14.75	\$9.27	\$5.05	\$0.00	\$54.58
2	60.00	\$30.61	\$14.75	\$9.32	\$6.05	\$0.00	\$60.73
3	70.00	\$35.71	\$14.75	\$9.37	\$7.06	\$0.00	\$66.89
4	80.00	\$40.81	\$14.75	\$9.42	\$8.07	\$0.00	\$73.05

Apprentice to Journeyworker Ratio: 1:4

IRONWORKER/WELDER	3/16/2026	\$42.46	\$9.25	\$12.75	\$11.25	\$0.00	\$75.71
IRONWORKERS LOCAL 7							
IRONWORKERS LOCAL 7 (SPRINGFIELD AREA)							

Apprentice: IRONWORKER/WELDER

Effective Date: 3/16/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	70.00	\$29.72	\$9.25	\$12.75	\$1.25	\$0.00	\$52.97
2	80.00	\$33.97	\$9.25	\$12.75	\$1.25	\$0.00	\$57.22
3	90.00	\$38.21	\$9.25	\$12.75	\$1.25	\$0.00	\$61.46
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: IRONWORKER/WELDER Effective Date: 3/16/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Apprentice to Journeyworker Ratio: 1:4							
JACKHAMMER & PAVING BREAKER OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
LABORER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
Apprentice: LABORER Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.20	\$10.90	\$9.75	\$8.62	\$0.00	\$51.47
2	70.00	\$25.90	\$10.90	\$9.75	\$8.62	\$0.00	\$55.17
3	80.00	\$29.60	\$10.90	\$9.75	\$8.62	\$0.00	\$58.87
4	90.00	\$33.30	\$10.90	\$9.75	\$8.62	\$0.00	\$62.57
Apprentice: LABORER Effective Date: 12/7/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.98	\$10.90	\$9.75	\$8.62	\$0.00	\$52.25
2	70.00	\$26.81	\$10.90	\$9.75	\$8.62	\$0.00	\$56.08
3	80.00	\$30.64	\$10.90	\$9.75	\$8.62	\$0.00	\$59.91
4	90.00	\$34.47	\$10.90	\$9.75	\$8.62	\$0.00	\$63.74
Apprentice to Journeyworker Ratio: 1:5							
LABORER (HEAVY & HIGHWAY)	6/1/2026	\$36.99	\$10.90	\$9.75	\$6.60	\$0.00	\$64.24
LABORERS	12/1/2026	\$38.28	\$10.90	\$9.75	\$6.60	\$0.00	\$65.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: LABORER (HEAVY & HIGHWAY) Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.19	\$10.90	\$9.75	\$6.60	\$0.00	\$49.44
2	70.00	\$25.89	\$10.90	\$9.75	\$6.60	\$0.00	\$53.14
3	80.00	\$29.59	\$10.90	\$9.75	\$6.60	\$0.00	\$56.84
4	90.00	\$33.29	\$10.90	\$9.75	\$6.60	\$0.00	\$60.54
Apprentice: LABORER (HEAVY & HIGHWAY) Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$22.97	\$10.90	\$9.75	\$6.60	\$0.00	\$50.22
2	70.00	\$26.80	\$10.90	\$9.75	\$6.60	\$0.00	\$54.05
3	80.00	\$30.62	\$10.90	\$9.75	\$6.60	\$0.00	\$57.87
4	90.00	\$34.45	\$10.90	\$9.75	\$6.60	\$0.00	\$61.70
Apprentice to Journeyworker Ratio: 1:5							
LABORER: CARPENTER TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
For apprentice rates see "Apprentice- LABORER"							
LABORER: CEMENT FINISHER TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
For apprentice rates see "Apprentice- LABORER"							
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER	6/1/2026	\$36.92	\$10.90	\$9.75	\$8.75	\$0.00	\$66.32
LABORERS	12/7/2026	\$38.22	\$10.90	\$9.75	\$8.75	\$0.00	\$67.62
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.62	\$10.90	\$9.75	\$8.75	\$0.00	\$69.02
	12/6/2027	\$41.02	\$10.90	\$9.75	\$8.75	\$0.00	\$70.42
	6/5/2028	\$42.52	\$10.90	\$9.75	\$8.75	\$0.00	\$71.92
	12/4/2028	\$44.02	\$10.90	\$9.75	\$8.75	\$0.00	\$73.42
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER	6/1/2026	\$40.00	\$10.90	\$9.75	\$8.62	\$0.00	\$69.27
LABORERS	12/7/2026	\$41.30	\$10.90	\$9.75	\$8.62	\$0.00	\$70.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$42.70	\$10.90	\$9.75	\$8.62	\$0.00	\$71.97

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/6/2027	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37
	6/5/2028	\$45.60	\$10.90	\$9.75	\$8.62	\$0.00	\$74.87
	12/4/2028	\$47.10	\$10.90	\$9.75	\$8.62	\$0.00	\$76.37

For apprentice rates see "Apprentice- LABORER"

LABORER: MASON TENDER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS							
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

LABORER: MULTI-TRADE TENDER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37

For apprentice rates see "Apprentice- LABORER"

LABORER: TREE REMOVER	6/1/2026	\$37.00	\$10.90	\$9.75	\$8.62	\$0.00	\$66.27
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.30	\$10.90	\$9.75	\$8.62	\$0.00	\$67.57
	6/7/2027	\$39.70	\$10.90	\$9.75	\$8.62	\$0.00	\$68.97
	12/6/2027	\$41.10	\$10.90	\$9.75	\$8.62	\$0.00	\$70.37
	6/5/2028	\$42.60	\$10.90	\$9.75	\$8.62	\$0.00	\$71.87
	12/4/2028	\$44.10	\$10.90	\$9.75	\$8.62	\$0.00	\$73.37

This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS							
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62

For apprentice rates see "Apprentice- LABORER"

LASER BEAM OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS							
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

MARBLE & TILE FINISHERS	2/1/2026	\$45.56	\$12.84	\$15.10	\$5.41	\$0.00	\$78.91
BRICKLAYERS LOCAL 3							
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	8/1/2026	\$47.32	\$12.84	\$15.10	\$5.41	\$0.00	\$80.67
	2/1/2027	\$48.44	\$12.84	\$15.10	\$5.41	\$0.00	\$81.79

Apprentice: MARBLE & TILE FINISHERS

Effective Date: 2/1/2026

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$22.78	\$12.84	\$15.10	\$5.41	\$0.00	\$56.13
2	60.00	\$27.34	\$12.84	\$15.10	\$5.41	\$0.00	\$60.69

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: MARBLE & TILE FINISHERS Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	70.00	\$31.89	\$12.84	\$15.10	\$5.41	\$0.00	\$65.24
4	80.00	\$36.45	\$12.84	\$15.10	\$5.41	\$0.00	\$69.80
5	90.00	\$41.00	\$12.84	\$15.10	\$5.41	\$0.00	\$74.35
Apprentice: MARBLE & TILE FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.66	\$12.84	\$15.10	\$5.41	\$0.00	\$57.01
2	60.00	\$28.39	\$12.84	\$15.10	\$5.41	\$0.00	\$61.74
3	70.00	\$33.12	\$12.84	\$15.10	\$5.41	\$0.00	\$66.47
4	80.00	\$37.86	\$12.84	\$15.10	\$5.41	\$0.00	\$71.21
5	90.00	\$42.59	\$12.84	\$15.10	\$5.41	\$0.00	\$75.94
Apprentice to Journeyworker Ratio: 1:5							
MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MECHANIC/WELDER/BOOM TRUCK	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MILLWRIGHT (Zone 3)	1/5/2026	\$45.20	\$10.58	\$11.47	\$9.75	\$0.00	\$77.00
MILLWRIGHTS LOCAL 1121							
MILLWRIGHTS LOCAL 1121 - Zone 3							

Apprentice: MILLWRIGHT (Zone 3)							
Effective Date: 1/5/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$24.86	\$10.58	\$0.00	\$5.36	\$0.00	\$40.80
2	65.00	\$29.38	\$10.58	\$0.00	\$6.34	\$0.00	\$46.30
3	75.00	\$33.90	\$10.58	\$11.47	\$7.31	\$0.00	\$63.26
4	85.00	\$38.42	\$10.58	\$11.47	\$8.29	\$0.00	\$68.76

Apprentice Notes

Step 1&2 Appr. indentured after 1/6/2020 receive no pension,

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
MORTAR MIXER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
OILER	12/1/2023	\$35.02	\$13.78	\$12.15	\$3.00	\$0.00	\$63.95
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
OTHER POWER DRIVEN EQUIPMENT - CLASS VI	12/1/2023	\$32.74	\$13.78	\$12.15	\$3.00	\$0.00	\$61.67
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PAINTER (BRIDGES/TANKS)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (BRIDGES/TANKS)**Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	1/1/2026	\$42.03	\$10.35	\$12.00	\$8.35	\$0.00	\$72.73
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) ***Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$21.02	\$10.35	\$0.00	\$0.00	\$0.00	\$31.37
2	55.00	\$23.12	\$10.35	\$0.00	\$4.59	\$0.00	\$38.06
3	60.00	\$25.22	\$10.35	\$0.00	\$5.01	\$0.00	\$40.58

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	65.00	\$27.32	\$10.35	\$0.00	\$5.43	\$0.00	\$43.10
5	70.00	\$29.42	\$10.35	\$12.00	\$5.85	\$0.00	\$57.62
6	75.00	\$31.52	\$10.35	\$12.00	\$6.26	\$0.00	\$60.13
7	80.00	\$33.62	\$10.35	\$12.00	\$6.68	\$0.00	\$62.65
8	90.00	\$37.83	\$10.35	\$12.00	\$7.52	\$0.00	\$67.70
Apprentice to Journeyworker Ratio: 1:1							
PAINTER (SPRAY OR SANDBLAST, REPAINT)	1/1/2026	\$39.35	\$10.35	\$12.00	\$8.35	\$0.00	\$70.05
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$19.68	\$10.35	\$0.00	\$0.00	\$0.00	\$30.03
2	55.00	\$21.64	\$10.35	\$0.00	\$4.59	\$0.00	\$36.58
3	60.00	\$23.61	\$10.35	\$0.00	\$5.01	\$0.00	\$38.97
4	65.00	\$25.58	\$10.35	\$0.00	\$5.43	\$0.00	\$41.36
5	70.00	\$27.55	\$10.35	\$12.00	\$5.85	\$0.00	\$55.75
6	75.00	\$29.51	\$10.35	\$12.00	\$6.26	\$0.00	\$58.12
7	80.00	\$31.48	\$10.35	\$12.00	\$6.68	\$0.00	\$60.51
8	90.00	\$35.42	\$10.35	\$12.00	\$7.52	\$0.00	\$65.29
Apprentice to Journeyworker Ratio: 1:1							

PAINTER / TAPER (BRUSH, NEW) *	1/1/2026	\$40.63	\$10.35	\$12.00	\$8.35	\$0.00	\$71.33
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							

Apprentice: PAINTER / TAPER (BRUSH, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$20.32	\$10.35	\$0.00	\$0.00	\$0.00	\$30.67
2	55.00	\$22.35	\$10.35	\$0.00	\$4.59	\$0.00	\$37.29
3	60.00	\$24.38	\$10.35	\$0.00	\$5.01	\$0.00	\$39.74
4	65.00	\$26.41	\$10.35	\$0.00	\$5.43	\$0.00	\$42.19
5	70.00	\$28.44	\$10.35	\$12.00	\$5.85	\$0.00	\$56.64
6	75.00	\$30.47	\$10.35	\$12.00	\$6.26	\$0.00	\$59.08
7	80.00	\$32.50	\$10.35	\$12.00	\$6.68	\$0.00	\$61.53

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER / TAPER (BRUSH, NEW) * Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
8	90.00	\$36.57	\$10.35	\$12.00	\$7.52	\$0.00	\$66.44
Apprentice to Journeyworker Ratio: 1:1							
PAINTER / TAPER (BRUSH, REPAINT)	1/1/2026	\$37.95	\$10.35	\$12.00	\$8.35	\$0.00	\$68.65
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 3							
Apprentice: PAINTER / TAPER (BRUSH, REPAINT) Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.98	\$10.35	\$0.00	\$0.00	\$0.00	\$29.33
2	55.00	\$20.87	\$10.35	\$0.00	\$4.59	\$0.00	\$35.81
3	60.00	\$22.77	\$10.35	\$0.00	\$5.01	\$0.00	\$38.13
4	65.00	\$24.67	\$10.35	\$0.00	\$5.43	\$0.00	\$40.45
5	70.00	\$26.57	\$10.35	\$12.00	\$5.85	\$0.00	\$54.77
6	75.00	\$28.46	\$10.35	\$12.00	\$6.26	\$0.00	\$57.07
7	80.00	\$30.36	\$10.35	\$12.00	\$6.68	\$0.00	\$59.39
8	90.00	\$34.16	\$10.35	\$12.00	\$7.52	\$0.00	\$64.03
Apprentice to Journeyworker Ratio: 1:1							
PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	6/1/2026	\$36.99	\$10.90	\$9.75	\$6.60	\$0.00	\$64.24
LABORERS	12/1/2026	\$38.28	\$10.90	\$9.75	\$6.60	\$0.00	\$65.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
PANEL & PICKUP TRUCKS DRIVER	6/1/2026	\$41.78	\$16.17	\$21.78	\$0.00	\$0.00	\$79.73
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.78	\$16.17	\$23.52	\$0.00	\$0.00	\$81.47
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.78	\$16.77	\$23.52	\$0.00	\$0.00	\$82.07
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							
For apprentice rates see "Apprentice- PILE DRIVER"							
PILE DRIVER	8/1/2024	\$49.19	\$10.08	\$11.62	\$12.67	\$0.00	\$83.56
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 3)							

Apprentice: PILE DRIVER**Effective Date: 8/1/2024**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate

Construction

Classification		Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PILE DRIVER								
Effective Date: 8/1/2024								
Step	Percent		Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00		\$22.14	\$10.08	\$0.00	\$2.53	\$0.00	\$34.75
2	55.00		\$27.05	\$10.08	\$0.00	\$5.07	\$0.00	\$42.20
3	70.00		\$34.43	\$10.08	\$11.62	\$7.60	\$0.00	\$63.73
4	80.00		\$39.35	\$10.08	\$11.62	\$10.14	\$0.00	\$71.19

Apprentice to Journeyworker Ratio: 1:5

PIPELAYER	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							

PIPELAYER (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

PLUMBER & PIPEFITTER	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$54.76	\$13.50	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21

Apprentice: PLUMBER & PIPEFITTER								
Effective Date: 3/17/2026								
Step	Percent		Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00		\$23.74	\$13.50	\$10.85	\$0.00	\$0.00	\$48.09
2	50.00		\$26.38	\$13.50	\$10.85	\$0.00	\$0.00	\$50.73
3	55.00		\$29.02	\$13.50	\$10.85	\$0.00	\$0.00	\$53.37
4	60.00		\$31.66	\$13.50	\$10.85	\$0.00	\$0.00	\$56.01
5	65.00		\$34.29	\$13.50	\$10.85	\$0.00	\$0.00	\$58.64
6	70.00		\$36.93	\$13.50	\$10.85	\$0.00	\$0.00	\$61.28
7	75.00		\$39.57	\$13.50	\$10.85	\$0.00	\$0.00	\$63.92
8	80.00		\$42.21	\$13.50	\$10.85	\$0.00	\$0.00	\$66.56
9	85.00		\$44.85	\$13.50	\$10.85	\$7.10	\$0.00	\$76.30
10	85.00		\$44.85	\$13.50	\$10.85	\$7.10	\$0.00	\$76.30

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PLUMBER & PIPEFITTER Effective Date: 9/17/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$24.64	\$13.50	\$0.00	\$0.00	\$0.00	\$38.14
2	50.00	\$27.38	\$13.50	\$0.00	\$0.00	\$0.00	\$40.88
3	55.00	\$30.12	\$13.50	\$0.00	\$0.00	\$0.00	\$43.62
4	60.00	\$32.86	\$13.50	\$0.00	\$0.00	\$0.00	\$46.36
5	65.00	\$35.59	\$13.50	\$0.00	\$0.00	\$0.00	\$49.09
6	70.00	\$38.33	\$13.50	\$0.00	\$0.00	\$0.00	\$51.83
7	75.00	\$41.07	\$13.50	\$0.00	\$0.00	\$0.00	\$54.57
8	80.00	\$43.81	\$13.50	\$0.00	\$0.00	\$0.00	\$57.31
9	85.00	\$46.55	\$13.50	\$0.00	\$7.10	\$0.00	\$67.15
10	85.00	\$46.55	\$13.50	\$0.00	\$7.10	\$0.00	\$67.15
Apprentice Notes **1:1,2:5,3:9,4:12							
Apprentice to Journeyworker Ratio: 1:1							
PNEUMATIC CONTROLS (TEMP.)	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$54.76	\$13.50	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
POWDERMAN & BLASTER	6/1/2026	\$38.00	\$10.90	\$9.75	\$8.62	\$0.00	\$67.27
LABORERS	12/7/2026	\$39.30	\$10.90	\$9.75	\$8.62	\$0.00	\$68.57
LABORERS - ZONE 3 (BUILDING & SITE)	6/7/2027	\$40.70	\$10.90	\$9.75	\$8.62	\$0.00	\$69.97
	12/6/2027	\$42.10	\$10.90	\$9.75	\$8.62	\$0.00	\$71.37
	6/5/2028	\$43.60	\$10.90	\$9.75	\$8.62	\$0.00	\$72.87
	12/4/2028	\$45.10	\$10.90	\$9.75	\$8.62	\$0.00	\$74.37
For apprentice rates see "Apprentice- LABORER"							
POWDERMAN & BLASTER (HEAVY & HIGHWAY)	6/1/2026	\$37.99	\$10.90	\$9.75	\$6.60	\$0.00	\$65.24
LABORERS	12/1/2026	\$39.28	\$10.90	\$9.75	\$6.60	\$0.00	\$66.53
LABORERS - ZONE 3 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
PUMP OPERATOR (CONCRETE)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
READY-MIX CONCRETE DRIVER TEAMSTERS 404 - Construction Service (Northampton) TEAMSTERS 404 - Construction Service (Northampton)	5/1/2024	\$26.14	\$11.82	\$7.25	\$0.00	\$0.00	\$45.21
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS LABORERS - ZONE 3 (BUILDING & SITE)	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
ROLLER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
ROOFER (Coal tar pitch) ROOFERS LOCAL 248 ROOFERS LOCAL 248 For apprentice rates see "Apprentice- ROOFER"	10/2/2025	\$44.73	\$10.60	\$8.70	\$10.00	\$0.00	\$74.03
	7/16/2026	\$46.73	\$10.60	\$8.70	\$10.00	\$0.00	\$76.03
ROOFER (Inc.Roofing Waterproofing &Roofing Damproofg) ROOFERS LOCAL 248 ROOFERS LOCAL 248	10/2/2025	\$44.23	\$10.60	\$8.70	\$10.00	\$0.00	\$73.53
	7/16/2026	\$46.23	\$10.60	\$8.70	\$10.00	\$0.00	\$75.53
ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 248 ROOFERS LOCAL 248 For apprentice rates see "Apprentice- ROOFER"	10/2/2025	\$44.73	\$10.60	\$8.70	\$10.00	\$0.00	\$74.03
	7/16/2026	\$46.73	\$10.60	\$8.70	\$10.00	\$0.00	\$76.03
SCRAPER OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98 For apprentice rates see "Apprentice- OPERATING ENGINEERS"	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SHEETMETAL WORKER	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28
SHEETMETAL WORKERS LOCAL 63	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78
SHEETMETAL WORKERS LOCAL 63	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.82	\$4.95	\$0.00	\$0.85	\$31.19
2	50.00	\$21.74	\$6.47	\$5.51	\$0.00	\$0.94	\$34.66
3	55.00	\$23.91	\$7.12	\$9.91	\$0.00	\$1.15	\$42.09
4	60.00	\$26.09	\$7.76	\$9.91	\$0.00	\$1.23	\$44.99
5	65.00	\$28.26	\$8.41	\$9.91	\$0.00	\$1.31	\$47.89
6	70.00	\$30.44	\$9.06	\$9.91	\$0.00	\$1.39	\$50.80
7	75.00	\$32.61	\$9.71	\$9.91	\$0.00	\$1.47	\$53.70
8	80.00	\$34.78	\$10.35	\$9.91	\$8.72	\$1.78	\$65.54
9	85.00	\$36.96	\$11.00	\$9.91	\$8.72	\$1.86	\$68.45
10	90.00	\$39.13	\$11.65	\$9.91	\$8.72	\$1.94	\$71.35

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.96	\$4.95	\$0.00	\$0.85	\$31.33
2	50.00	\$21.74	\$6.62	\$5.51	\$0.00	\$0.94	\$34.81
3	55.00	\$23.91	\$7.28	\$9.91	\$0.00	\$1.15	\$42.25
4	60.00	\$26.09	\$7.94	\$9.91	\$0.00	\$1.23	\$45.17
5	65.00	\$28.26	\$8.60	\$9.91	\$0.00	\$1.31	\$48.08
6	70.00	\$30.44	\$9.27	\$9.91	\$0.00	\$1.39	\$51.01
7	75.00	\$32.61	\$9.93	\$9.91	\$0.00	\$1.47	\$53.92
8	80.00	\$34.78	\$10.59	\$9.91	\$9.92	\$1.78	\$66.98
9	85.00	\$36.96	\$11.25	\$9.91	\$9.92	\$1.86	\$69.90
10	90.00	\$39.13	\$11.92	\$9.91	\$9.92	\$1.94	\$72.82

Apprentice to Journeyworker Ratio: 1:3

SPECIALIZED EARTH MOVING EQUIP < 35 TONS	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
SPECIALIZED EARTH MOVING EQUIP > 35 TONS	6/1/2026	\$42.53	\$16.17	\$21.78	\$0.00	\$0.00	\$80.48
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.53	\$16.17	\$23.52	\$0.00	\$0.00	\$82.22
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.53	\$16.77	\$23.52	\$0.00	\$0.00	\$82.82
SPRINKLER FITTER	4/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	7/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SPRINKLER FITTERS LOCAL 669	10/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
	1/1/2027	\$56.54	\$14.55	\$7.50	\$9.41	\$0.00	\$88.00
	4/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	7/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	10/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	1/1/2028	\$59.83	\$15.50	\$7.55	\$9.41	\$0.00	\$92.29

Apprentice: SPRINKLER FITTER**Effective Date: 4/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice: SPRINKLER FITTER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice to Journeyworker Ratio: 1:1

TELECOMMUNICATION TECHNICIAN	6/28/2026	\$54.41	\$14.00	\$8.43	\$7.03	\$0.00	\$83.87
TELECOMMUNICATION TECHNICIAN	1/3/2027	\$55.56	\$14.25	\$8.47	\$7.09	\$0.00	\$85.37
ELECTRICIANS LOCAL 7							
ELECTRICIANS LOCAL 7							

For apprentice rates and ratios see "Apprentice- ELECTRICIAN"

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: TELECOMMUNICATION TECHNICIAN Effective Date: 6/28/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$21.76	\$7.80	\$0.63	\$0.00	\$0.00	\$30.19
2	45.00	\$24.48	\$7.80	\$0.70	\$0.00	\$0.00	\$32.98
3	50.00	\$27.21	\$14.00	\$7.53	\$0.00	\$0.00	\$48.74
4	55.00	\$29.93	\$14.00	\$7.61	\$0.00	\$0.00	\$51.54
5	65.00	\$35.37	\$14.00	\$9.84	\$0.00	\$0.00	\$59.21
6	70.00	\$38.09	\$14.00	\$11.30	\$0.00	\$0.00	\$63.39
Apprentice to Journeyworker Ratio: 1:1							
TERRAZZO FINISHERS	2/10/2026	\$66.89	\$12.84	\$15.57	\$8.02	\$0.00	\$103.32
BRICKLAYERS LOCAL 3	8/1/2026	\$69.09	\$12.84	\$15.57	\$8.02	\$0.00	\$105.52
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	2/1/2027	\$70.49	\$12.84	\$15.57	\$8.02	\$0.00	\$106.92
Apprentice: TERRAZZO FINISHERS Effective Date: 2/10/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.45	\$12.84	\$15.57	\$8.02	\$0.00	\$69.88
2	60.00	\$40.13	\$12.84	\$15.57	\$8.02	\$0.00	\$76.56
3	70.00	\$46.82	\$12.84	\$15.57	\$8.02	\$0.00	\$83.25
4	80.00	\$53.51	\$12.84	\$15.57	\$8.02	\$0.00	\$89.94
5	90.00	\$60.20	\$12.84	\$15.57	\$8.02	\$0.00	\$96.63
Apprentice: TERRAZZO FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.55	\$12.84	\$15.57	\$8.02	\$0.00	\$70.98
2	60.00	\$41.45	\$12.84	\$15.57	\$8.02	\$0.00	\$77.88
3	70.00	\$48.36	\$12.84	\$15.57	\$8.02	\$0.00	\$84.79
4	80.00	\$55.27	\$12.84	\$15.57	\$8.02	\$0.00	\$91.70
5	90.00	\$62.18	\$12.84	\$15.57	\$8.02	\$0.00	\$98.61
Apprentice to Journeyworker Ratio: 1:5							
TERRAZZO MECHANIC	2/1/2026	\$67.97	\$12.84	\$15.57	\$7.99	\$0.00	\$104.37
BRICKLAYERS LOCAL 3	8/1/2026	\$70.17	\$12.84	\$15.57	\$7.99	\$0.00	\$106.57
BRICKLAYERS LOCAL 3 (SPR/PITT) - MARBLE & TILE	2/1/2027	\$71.57	\$12.84	\$15.57	\$7.99	\$0.00	\$107.97

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: TERRAZZO MECHANIC Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.99	\$12.84	\$15.57	\$7.99	\$0.00	\$70.39
2	60.00	\$40.78	\$12.84	\$15.57	\$7.99	\$0.00	\$77.18
3	70.00	\$47.58	\$12.84	\$15.57	\$7.99	\$0.00	\$83.98
4	80.00	\$54.38	\$12.84	\$15.57	\$7.99	\$0.00	\$90.78
5	90.00	\$61.17	\$12.84	\$15.57	\$7.99	\$0.00	\$97.57
Apprentice: TERRAZZO MECHANIC Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.09	\$12.84	\$15.57	\$7.99	\$0.00	\$71.49
2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50
3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52
4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54
5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55
Apprentice to Journeyworker Ratio: 1:5							
TEST BORING DRILLER	6/1/2026	\$53.25	\$10.90	\$9.75	\$9.80	\$0.00	\$83.70
LABORERS	12/1/2026	\$54.75	\$10.90	\$9.75	\$9.80	\$0.00	\$85.20
For apprentice rates see "Apprentice- LABORER"							
TEST BORING DRILLER HELPER	6/1/2026	\$49.37	\$10.90	\$9.75	\$9.80	\$0.00	\$79.82
LABORERS	12/1/2026	\$50.87	\$10.90	\$9.75	\$9.80	\$0.00	\$81.32
For apprentice rates see "Apprentice- LABORER"							
TEST BORING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
For apprentice rates see "Apprentice- LABORER"							
TRACTORS	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TRAILERS FOR EARTH MOVING EQUIPMENT	6/1/2026	\$42.82	\$16.17	\$21.78	\$0.00	\$0.00	\$80.77
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.82	\$16.17	\$23.52	\$0.00	\$0.00	\$82.51
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.82	\$16.77	\$23.52	\$0.00	\$0.00	\$83.11
TUNNEL WORK - COMPRESSED AIR	6/1/2026	\$61.48	\$10.90	\$9.75	\$10.25	\$0.00	\$92.38
LABORERS	12/1/2026	\$62.98	\$10.90	\$9.75	\$10.25	\$0.00	\$93.88
LABORERS (COMPRESSED AIR)							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE) LABORERS	6/1/2026	\$63.48	\$10.90	\$9.75	\$10.25	\$0.00	\$94.38
LABORERS (COMPRESSED AIR)	12/1/2026	\$64.98	\$10.90	\$9.75	\$10.25	\$0.00	\$95.88
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR LABORERS	6/1/2026	\$53.55	\$10.90	\$9.75	\$10.25	\$0.00	\$84.45
LABORERS (FREE AIR TUNNEL)	12/1/2026	\$55.05	\$10.90	\$9.75	\$10.25	\$0.00	\$85.95
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR (HAZ. WASTE) LABORERS	6/1/2026	\$55.55	\$10.90	\$9.75	\$10.25	\$0.00	\$86.45
LABORERS (FREE AIR TUNNEL)	12/1/2026	\$57.05	\$10.90	\$9.75	\$10.25	\$0.00	\$87.95
For apprentice rates see "Apprentice- LABORER"							
VAC-HAUL	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR LABORERS	6/1/2026	\$37.25	\$10.90	\$9.75	\$8.62	\$0.00	\$66.52
LABORERS - ZONE 3 (BUILDING & SITE)	12/7/2026	\$38.55	\$10.90	\$9.75	\$8.62	\$0.00	\$67.82
	6/7/2027	\$39.95	\$10.90	\$9.75	\$8.62	\$0.00	\$69.22
	12/6/2027	\$41.35	\$10.90	\$9.75	\$8.62	\$0.00	\$70.62
	6/5/2028	\$42.85	\$10.90	\$9.75	\$8.62	\$0.00	\$72.12
	12/4/2028	\$44.35	\$10.90	\$9.75	\$8.62	\$0.00	\$73.62
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$37.24	\$10.90	\$9.75	\$6.60	\$0.00	\$64.49
LABORERS - ZONE 3 (HEAVY & HIGHWAY)	12/1/2026	\$38.53	\$10.90	\$9.75	\$6.60	\$0.00	\$65.78
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
WATER METER INSTALLER	3/17/2026	\$52.76	\$13.50	\$10.85	\$7.10	\$0.00	\$84.21
PLUMBERS & PIPEFITTERS LOCAL 104	9/17/2026	\$56.26	\$12.00	\$10.85	\$7.10	\$0.00	\$86.21
PLUMBERS & PIPEFITTERS LOCAL 104	3/17/2027	\$58.26	\$12.00	\$10.85	\$7.10	\$0.00	\$88.21
	9/17/2027	\$60.26	\$12.00	\$10.85	\$7.10	\$0.00	\$90.21
	3/17/2028	\$62.26	\$12.00	\$10.85	\$7.10	\$0.00	\$92.21
	9/17/2028	\$64.26	\$12.00	\$10.85	\$7.10	\$0.00	\$94.21
	3/17/2029	\$66.26	\$12.00	\$10.85	\$7.10	\$0.00	\$96.21
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"							

Marine Drilling

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BLASTER MARINE DRILLING MARINE DRILLING	1/1/2018	\$41.82	\$7.63	\$2.35	\$1.25	\$0.00	\$53.05
BOAT CAPTAIN MARINE DRILLING MARINE DRILLING	1/1/2018	\$33.87	\$7.63	\$2.35	\$0.95	\$0.00	\$44.80
BOAT CAPTAIN / Over 1,000 hp MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.06	\$7.63	\$2.35	\$1.25	\$0.00	\$49.29
CORE DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$31.43	\$7.63	\$2.25	\$0.65	\$0.00	\$41.96
CORE DRILLER HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$28.47	\$7.63	\$2.35	\$0.65	\$0.00	\$39.10
DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.70	\$7.63	\$2.35	\$1.25	\$0.00	\$50.93
ENGINEER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.69	\$7.63	\$2.25	\$1.25	\$0.00	\$50.82
HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
MACHINIST MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81
OILER - MARINE DRILLING MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
TUG DECKHAND MARINE DRILLING MARINE DRILLING	1/1/2018	\$27.61	\$7.63	\$2.35	\$0.65	\$0.00	\$38.24
WELDER MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81

Op Eng Marine (Dredging Work)

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$29.26	\$7.63	\$2.35	\$0.95	\$0.00	\$40.19
CERTIFIED WELDER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$31.09	\$7.63	\$2.35	\$1.25	\$0.00	\$42.32
CHIEF WELDER/ CHIEF MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DERRICK / SPIDER / SPILLBARGE OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DRAG BARGE OPERATOR / WELDER / MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$30.24	\$7.63	\$2.35	\$0.95	\$0.00	\$41.17
ENGINEER / ELECTRICIAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED TUG OPERATOR OVER 1000HP OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
MAINTENANCE ENGINEER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.03	\$7.63	\$2.35	\$1.25	\$0.00	\$44.26
OILER - MARINE DIVISION OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
OPERATOR / LEVERMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
RODMAN / SCOWMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
SHOREMAN / DECKHAND OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93

Additional Apprentice Information

All apprentices must be registered with the Division of Apprenticeship Training(DAS) in accordance with M.G.L.c. 23, §§ 11E-11L. Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the hourly prevailing wage rate established by the Commissioner under the provisions of M.G.L.c. 149, §§ 26-27D.

Apprentice ratios are established by DAS pursuant to M.G.L.c. 23, §§ 11E-11L. Ratios are expressed as the allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified. The ratios listed herein have been taken from relevant private collective bargaining agreements(CBAs) and are provided for illustrative purposes only. They have not been independently verified as being accurate or continuing to be accurate.

Parties having questions regarding what ratio to use should contact DAS.



**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
Prevailing Wage Rates**

MAURA HEALEY
Governor
KIM DRISCOLL
Lt. Governor

As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H

LAUREN JONES
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority:	Massachusetts Highway	City/Town:	ROYALSTON
Contract Number:	134932		
Description of Work:	GILL-NORTHFIELD-ROYALSTON-WINCENDON - Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)		
Job Location:	Municipal Bridges at Multiple locations		

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, the awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.
- This annual update requirement is generally not applicable to 27F “rental of equipment” contracts. For such contracts, the prevailing wage rates issued by DLS shall remain in effect for the duration of the contract term. However, if the prevailing wage rate sheet issued does not contain wage rates for each year covered by the contract term, the Awarding Authority must request updated rate sheets from DLS and provide them to the contractor to ensure the correct rates are being paid throughout the duration of the contract. Additionally, if an Awarding Authority exercises an option to renew or extend the contract term, they must request updated rate sheets from DLS and provide them to the contractor.
- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker’s rate.**
- Every contractor or subcontractor working on the construction project must submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. For a sample payroll reporting form go to <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Contractors must obtain the wage schedules from awarding authorities. Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
(2 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$41.95	\$16.17	\$21.78	\$0.00	\$0.00	\$79.90
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.95	\$16.17	\$23.52	\$0.00	\$0.00	\$81.64
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.95	\$16.77	\$23.52	\$0.00	\$0.00	\$82.24
(3 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.02	\$16.17	\$21.78	\$0.00	\$0.00	\$79.97
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.02	\$16.17	\$23.52	\$0.00	\$0.00	\$81.71
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.02	\$16.77	\$23.52	\$0.00	\$0.00	\$82.31
(4 & 5 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.14	\$16.17	\$21.78	\$0.00	\$0.00	\$80.09
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.14	\$16.17	\$23.52	\$0.00	\$0.00	\$81.83
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.14	\$16.77	\$23.52	\$0.00	\$0.00	\$82.43
ADS/SUBMERSIBLE PILOT	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
AIR TRACK OPERATOR	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
LABORERS - ZONE 2	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
AIR TRACK OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
ASBESTOS WORKER (PIPES & TANKS)	12/1/2025	\$44.80	\$14.50	\$4.30	\$6.75	\$0.00	\$70.35
HEAT & FROST INSULATORS LOCAL 6							
HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)							
ASPHALT RAKER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ASPHALT RAKER (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BACKHOE/FRONT-END LOADER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BARCO-TYPE JUMPING TAMPER LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
BATCH/CEMENT PLANT - ON SITE OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BLOCK PAVER, RAMMER / CURB SETTER LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
BOILER MAKER BOILERMAKERS LOCAL 29 BOILERMAKERS LOCAL 29	1/1/2024	\$48.12	\$7.07	\$14.60	\$6.00	\$0.00	\$75.79

Apprentice: BOILER MAKER

Effective Date: 1/1/2024

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
2	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
3	70.00	\$33.68	\$7.07	\$10.03	\$4.20	\$0.00	\$54.98
4	75.00	\$36.09	\$7.07	\$10.74	\$4.50	\$0.00	\$58.40
5	80.00	\$38.50	\$7.07	\$11.45	\$4.80	\$0.00	\$61.82
6	85.00	\$40.90	\$7.07	\$12.18	\$5.10	\$0.00	\$65.25
7	90.00	\$43.31	\$7.07	\$12.88	\$5.40	\$0.00	\$68.66
8	95.00	\$45.71	\$7.07	\$13.62	\$5.70	\$0.00	\$72.10

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	2/1/2026	\$65.81	\$12.84	\$15.57	\$7.33	\$0.00	\$101.55
BRICKLAYERS LOCAL 3	8/1/2026	\$68.01	\$12.84	\$15.57	\$7.33	\$0.00	\$103.75
BRICKLAYERS LOCAL 3 (LOWELL)	2/1/2027	\$69.41	\$12.84	\$15.57	\$7.33	\$0.00	\$105.15

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$32.91	\$12.84	\$15.57	\$7.33	\$0.00	\$68.65
2	60.00	\$39.49	\$12.84	\$15.57	\$7.33	\$0.00	\$75.23
3	70.00	\$46.07	\$12.84	\$15.57	\$7.33	\$0.00	\$81.81
4	80.00	\$52.65	\$12.84	\$15.57	\$7.33	\$0.00	\$88.39
5	90.00	\$59.23	\$12.84	\$15.57	\$7.33	\$0.00	\$94.97

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.01	\$12.84	\$15.57	\$7.33	\$0.00	\$69.75
2	60.00	\$40.81	\$12.84	\$15.57	\$7.33	\$0.00	\$76.55
3	70.00	\$47.61	\$12.84	\$15.57	\$7.33	\$0.00	\$83.35
4	80.00	\$54.41	\$12.84	\$15.57	\$7.33	\$0.00	\$90.15
5	90.00	\$61.21	\$12.84	\$15.57	\$7.33	\$0.00	\$96.95

Apprentice to Journeyworker Ratio: 1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

CAISSON & UNDERPINNING BOTTOM MAN	6/1/2026	\$50.40	\$10.90	\$9.75	\$9.80	\$0.00	\$80.85
LABORERS	12/1/2026	\$51.90	\$10.90	\$9.75	\$9.80	\$0.00	\$82.35
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING TOP MAN	6/1/2026	\$49.58	\$10.90	\$9.75	\$9.80	\$0.00	\$80.03
LABORERS	12/1/2026	\$51.08	\$10.90	\$9.75	\$9.80	\$0.00	\$81.53
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CARBIDE CORE DRILL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

CARPENTER	3/1/2026	\$50.85	\$11.08	\$11.47	\$8.50	\$0.00	\$81.90
CARPENTERS	9/1/2026	\$52.10	\$11.08	\$11.47	\$8.50	\$0.00	\$83.15
CARPENTERS -ZONE 2 (Eastern Massachusetts)	3/1/2027	\$53.35	\$11.08	\$11.47	\$8.50	\$0.00	\$84.40

Apprentice: CARPENTER							
Effective Date: 3/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
2	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
3	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
4	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
5	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
6	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
7	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00
8	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00

Apprentice: CARPENTER							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
2	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
3	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
4	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
5	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
6	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
7	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00
8	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00

Apprentice to Journeyworker Ratio: 1:5

CARPENTER WOOD FRAME	10/1/2025	\$27.37	\$7.38	\$4.47	\$1.00	\$0.00	\$40.22
CARPENTERS	10/1/2026	\$28.47	\$7.38	\$4.47	\$1.00	\$0.00	\$41.32

All Aspects of New Wood Frame Work

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
3	65.00	\$17.79	\$7.38	\$0.00	\$1.00	\$0.00	\$26.17
4	70.00	\$19.16	\$7.38	\$0.00	\$1.00	\$0.00	\$27.54
5	75.00	\$20.53	\$7.38	\$3.80	\$1.00	\$0.00	\$32.71
6	80.00	\$21.90	\$7.38	\$3.80	\$1.00	\$0.00	\$34.08
7	85.00	\$23.26	\$7.38	\$3.80	\$1.00	\$0.00	\$35.44
8	90.00	\$24.63	\$7.38	\$3.80	\$1.00	\$0.00	\$36.81

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
2	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
3	65.00	\$18.51	\$7.38	\$0.00	\$1.00	\$0.00	\$26.89
4	70.00	\$19.93	\$7.38	\$0.00	\$1.00	\$0.00	\$28.31
5	75.00	\$21.35	\$7.38	\$3.80	\$1.00	\$0.00	\$33.53
6	80.00	\$22.78	\$7.38	\$3.80	\$1.00	\$0.00	\$34.96
7	85.00	\$24.20	\$7.38	\$3.80	\$1.00	\$0.00	\$36.38
8	90.00	\$25.62	\$7.38	\$3.80	\$1.00	\$0.00	\$37.80

Apprentice to Journeyworker Ratio: 1:5

CEMENT MASONRY/PLASTERING	1/1/2026	\$53.24	\$13.35	\$16.43	\$7.78	\$1.80	\$92.60
PLASTERERS AND CEMENT MASONS LOCAL 534	7/1/2026	\$54.49	\$13.35	\$16.43	\$7.78	\$1.80	\$93.85
Plasterers and Cement Masons - Zone 1	1/1/2027	\$55.94	\$13.35	\$16.43	\$7.78	\$1.80	\$95.30
	7/1/2027	\$57.29	\$13.35	\$16.43	\$7.78	\$1.80	\$96.65
	1/1/2028	\$58.64	\$13.35	\$16.43	\$7.78	\$1.80	\$98.00

Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.62	\$13.35	\$16.43	\$0.00	\$0.00	\$56.40
2	60.00	\$31.94	\$13.35	\$16.43	\$7.78	\$1.80	\$71.30
3	65.00	\$34.61	\$13.35	\$16.43	\$7.78	\$1.80	\$73.97
4	70.00	\$37.27	\$13.35	\$16.43	\$7.78	\$1.80	\$76.63
5	75.00	\$39.93	\$13.35	\$16.43	\$7.78	\$1.80	\$79.29
6	80.00	\$42.59	\$13.35	\$16.43	\$7.78	\$1.80	\$81.95
7	90.00	\$47.92	\$13.35	\$16.43	\$0.00	\$0.00	\$77.70

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$27.25	\$13.35	\$16.43	\$0.00	\$0.00	\$57.03
2	60.00	\$32.69	\$13.35	\$16.43	\$7.78	\$1.80	\$72.05
3	65.00	\$35.42	\$13.35	\$16.43	\$7.78	\$1.80	\$74.78
4	70.00	\$38.14	\$13.35	\$16.43	\$7.78	\$1.80	\$77.50
5	75.00	\$40.87	\$13.35	\$16.43	\$7.78	\$1.80	\$80.23
6	80.00	\$43.59	\$13.35	\$16.43	\$7.78	\$1.80	\$82.95
7	90.00	\$49.04	\$13.35	\$0.00	\$7.78	\$0.00	\$70.17

Apprentice to Journeyworker Ratio: 1:5

CHAIN SAW OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	12/1/2023	\$43.06	\$13.78	\$12.15	\$3.00	\$0.00	\$71.99
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: DELEADER (BRIDGE)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 1:1							
DEMO: ADZEMAN	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 2	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 2	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BURNERS	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 2	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: CONCRETE CUTTER/SAWYER	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 2	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: JACKHAMMER OPERATOR	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 2	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: WRECKING LABORER	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 2	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
DIVER	8/1/2024	\$78.11	\$10.08	\$11.62	\$12.67	\$0.00	\$112.48
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Diver wage 70/80/90 2A \$69.83, 3A \$91.79,4A \$102.14 Total Rate							
DIVER TENDER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Piledriver wage 70/80/90 2A \$54.20, 3A \$73.93,4A \$82.05 Total Rate							
DIVER TENDER (EFFLUENT)	8/1/2024	\$83.69	\$10.08	\$11.62	\$12.67	\$0.00	\$118.06
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DIVER/SLURRY (EFFLUENT)	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DRAWBRIDGE OPERATOR (Construction)	7/1/2020	\$26.77	\$6.67	\$3.93	\$0.00	\$0.16	\$37.53
DRAWBRIDGE - SEIU LOCAL 888							
DRAWBRIDGE - SEIU LOCAL 888							
ELECTRICIAN	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

Apprentice: ELECTRICIAN							
Effective Date: 9/7/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$19.26	\$14.98	\$0.58	\$0.00	\$0.00	\$34.82
2	45.00	\$21.67	\$14.98	\$0.65	\$0.00	\$0.00	\$37.30
3	48.00	\$23.12	\$14.98	\$13.55	\$2.54	\$0.00	\$54.19
4	55.00	\$26.49	\$14.98	\$13.65	\$2.92	\$0.00	\$58.04
5	65.00	\$31.30	\$14.98	\$13.80	\$3.45	\$0.00	\$63.53
6	80.00	\$38.53	\$14.98	\$14.02	\$4.24	\$0.00	\$71.77

Apprentice: ELECTRICIAN							
Effective Date: 9/6/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$19.75	\$15.96	\$0.59	\$0.00	\$0.00	\$36.30
2	45.00	\$22.22	\$15.96	\$0.67	\$0.00	\$0.00	\$38.85
3	48.00	\$23.70	\$15.96	\$13.80	\$2.61	\$0.00	\$56.07
4	55.00	\$27.16	\$15.96	\$13.90	\$2.99	\$0.00	\$60.01
5	65.00	\$32.10	\$15.96	\$14.05	\$3.53	\$0.00	\$65.64
6	80.00	\$39.50	\$15.96	\$14.28	\$4.35	\$0.00	\$74.09

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 2:3							
ELEVATOR CONSTRUCTOR	1/1/2026	\$69.23	\$16.38	\$11.06	\$10.70	\$0.00	\$107.37
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$72.23	\$16.48	\$11.16	\$11.00	\$0.00	\$110.87
ELEVATOR CONSTRUCTORS LOCAL 41							

Apprentice: ELEVATOR CONSTRUCTOR**Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.62	\$16.38	\$0.00	\$0.00	\$0.00	\$51.00
2	55.00	\$38.08	\$16.38	\$11.06	\$10.70	\$0.00	\$76.22
3	65.00	\$45.00	\$16.38	\$11.06	\$10.70	\$0.00	\$83.14
4	70.00	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
5	80.00	\$55.38	\$16.38	\$11.06	\$10.70	\$0.00	\$93.52

Apprentice: ELEVATOR CONSTRUCTOR**Effective Date: 1/1/2027**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$36.12	\$16.48	\$0.00	\$0.00	\$0.00	\$52.60
2	55.00	\$39.73	\$16.48	\$11.16	\$11.00	\$0.00	\$78.37
3	65.00	\$46.95	\$16.48	\$11.16	\$11.00	\$0.00	\$85.59
4	70.00	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
5	80.00	\$57.78	\$16.48	\$11.16	\$11.00	\$0.00	\$96.42

Apprentice to Journeyworker Ratio: 1:1

ELEVATOR CONSTRUCTOR HELPER	1/1/2026	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
ELEVATOR CONSTRUCTORS LOCAL 41							

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY	6/1/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$0.00	\$27.74
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY	6/1/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$0.00	\$30.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY	6/1/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$0.00	\$31.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

For apprentice rates see "Apprentice- ELECTRICIAN"

FIRE ALARM REPAIR / MAINT/COMMISSIONING	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

For apprentice rates see "Apprentice- ELECTRICIAN"

FIREMAN	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Apprentice: FIREMAN

Effective Date: 12/1/2023

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$23.42	\$13.78	\$12.15	\$3.00	\$0.00	\$52.35
2	70.00	\$27.32	\$13.78	\$12.15	\$3.00	\$0.00	\$56.25
3	80.00	\$31.22	\$13.78	\$12.15	\$3.00	\$0.00	\$60.15
4	90.00	\$35.13	\$13.78	\$12.15	\$3.00	\$0.00	\$64.06

Apprentice to Journeyworker Ratio: 1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY)	6/1/2026	\$29.21	\$10.90	\$9.75	\$9.21	\$0.00	\$59.07
LABORERS	12/1/2026	\$29.21	\$10.90	\$9.75	\$9.21	\$0.00	\$59.07
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FLOORCOVERER	3/1/2024	\$48.93	\$10.33	\$11.47	\$8.80	\$0.00	\$79.53
FLOORCOVERERS LOCAL 2168							
FLOORCOVERERS LOCAL 2168 ZONE II							

Apprentice: FLOORCOVERER

Effective Date: 3/1/2024

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.47	\$10.33	\$0.00	\$1.76	\$0.00	\$36.56
2	55.00	\$26.91	\$10.33	\$0.00	\$1.76	\$0.00	\$39.00
3	60.00	\$29.36	\$10.33	\$0.00	\$3.52	\$0.00	\$43.21
4	65.00	\$31.80	\$10.33	\$0.00	\$3.52	\$0.00	\$45.65
5	70.00	\$34.25	\$10.33	\$11.47	\$5.28	\$0.00	\$61.33
6	75.00	\$36.70	\$10.33	\$11.47	\$5.28	\$0.00	\$63.78
7	80.00	\$39.14	\$10.33	\$11.47	\$7.04	\$0.00	\$67.98
8	85.00	\$41.59	\$10.33	\$11.47	\$7.04	\$0.00	\$70.43

Apprentice Notes

Steps are 750 hrs.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																								
Apprentice to Journeyworker Ratio: 1:1																																																																															
FORK LIFT OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.25	\$13.78	\$12.15	\$3.00	\$0.00	\$68.18																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
GENERATORS/LIGHTING PLANTS OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) GLAZIERS LOCAL 35 GLAZIERS LOCAL 35 (ZONE 2)	1/1/2026	\$49.06	\$10.35	\$12.00	\$12.60	\$0.00	\$84.01																																																																								
Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) Effective Date: 1/1/2026 <table> <tr> <th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr> <tr><td>1</td><td>50.00</td><td>\$24.53</td><td>\$10.35</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$34.88</td></tr> <tr><td>2</td><td>55.00</td><td>\$26.98</td><td>\$10.35</td><td>\$0.00</td><td>\$6.88</td><td>\$0.00</td><td>\$44.21</td></tr> <tr><td>3</td><td>60.00</td><td>\$29.44</td><td>\$10.35</td><td>\$0.00</td><td>\$7.50</td><td>\$0.00</td><td>\$47.29</td></tr> <tr><td>4</td><td>65.00</td><td>\$31.89</td><td>\$10.35</td><td>\$0.00</td><td>\$8.13</td><td>\$0.00</td><td>\$50.37</td></tr> <tr><td>5</td><td>70.00</td><td>\$34.34</td><td>\$10.35</td><td>\$12.00</td><td>\$8.75</td><td>\$0.00</td><td>\$65.44</td></tr> <tr><td>6</td><td>75.00</td><td>\$36.80</td><td>\$10.35</td><td>\$12.00</td><td>\$9.38</td><td>\$0.00</td><td>\$68.53</td></tr> <tr><td>7</td><td>80.00</td><td>\$39.25</td><td>\$10.35</td><td>\$12.00</td><td>\$10.00</td><td>\$0.00</td><td>\$71.60</td></tr> <tr><td>8</td><td>90.00</td><td>\$44.15</td><td>\$10.35</td><td>\$12.00</td><td>\$11.25</td><td>\$0.00</td><td>\$77.75</td></tr> </table>								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88	2	55.00	\$26.98	\$10.35	\$0.00	\$6.88	\$0.00	\$44.21	3	60.00	\$29.44	\$10.35	\$0.00	\$7.50	\$0.00	\$47.29	4	65.00	\$31.89	\$10.35	\$0.00	\$8.13	\$0.00	\$50.37	5	70.00	\$34.34	\$10.35	\$12.00	\$8.75	\$0.00	\$65.44	6	75.00	\$36.80	\$10.35	\$12.00	\$9.38	\$0.00	\$68.53	7	80.00	\$39.25	\$10.35	\$12.00	\$10.00	\$0.00	\$71.60	8	90.00	\$44.15	\$10.35	\$12.00	\$11.25	\$0.00	\$77.75
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																								
1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88																																																																								
2	55.00	\$26.98	\$10.35	\$0.00	\$6.88	\$0.00	\$44.21																																																																								
3	60.00	\$29.44	\$10.35	\$0.00	\$7.50	\$0.00	\$47.29																																																																								
4	65.00	\$31.89	\$10.35	\$0.00	\$8.13	\$0.00	\$50.37																																																																								
5	70.00	\$34.34	\$10.35	\$12.00	\$8.75	\$0.00	\$65.44																																																																								
6	75.00	\$36.80	\$10.35	\$12.00	\$9.38	\$0.00	\$68.53																																																																								
7	80.00	\$39.25	\$10.35	\$12.00	\$10.00	\$0.00	\$71.60																																																																								
8	90.00	\$44.15	\$10.35	\$12.00	\$11.25	\$0.00	\$77.75																																																																								
Apprentice to Journeyworker Ratio: 1:1																																																																															
GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28																																																																								
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78																																																																								
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28																																																																								
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78																																																																								
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28																																																																								
For apprentice rates see "Apprentice- SHEET METAL WORKER"																																																																															
HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 96 ELECTRICIANS LOCAL 96	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74																																																																								
	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34																																																																								
For apprentice rates see "Apprentice- ELECTRICIAN"																																																																															
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28																																																																								
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78																																																																								
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28																																																																								

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28
For apprentice rates see "Apprentice- SHEET METAL WORKER"							
HVAC (TESTING AND BALANCING -WATER) PLUMBERS LOCAL 4 PLUMBERS LOCAL 4	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
HVAC MECHANIC PLUMBERS LOCAL 4 PLUMBERS LOCAL 4	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							
HYDRAULIC DRILLS LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
HYDRAULIC DRILLS (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
INSULATOR (PIPES & TANKS)	9/1/2025	\$54.31	\$14.75	\$9.52	\$10.09	\$0.00	\$88.67
HEAT & FROST INSULATORS LOCAL 6	9/1/2026	\$57.38	\$14.75	\$9.52	\$10.09	\$0.00	\$91.74
HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)							

Apprentice: INSULATOR (PIPES & TANKS)							
Effective Date: 9/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$27.16	\$14.75	\$9.27	\$5.05	\$0.00	\$56.23
2	60.00	\$32.59	\$14.75	\$9.32	\$6.05	\$0.00	\$62.71
3	70.00	\$38.02	\$14.75	\$9.37	\$7.06	\$0.00	\$69.20
4	80.00	\$43.45	\$14.75	\$9.42	\$8.07	\$0.00	\$75.69

Apprentice: INSULATOR (PIPES & TANKS)							
Effective Date: 9/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$28.69	\$14.75	\$9.27	\$5.05	\$0.00	\$57.76
2	60.00	\$34.43	\$14.75	\$9.32	\$6.05	\$0.00	\$64.55
3	70.00	\$40.17	\$14.75	\$9.37	\$7.06	\$0.00	\$71.35
4	80.00	\$45.90	\$14.75	\$9.42	\$8.07	\$0.00	\$78.14

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
IRONWORKER/WELDER	3/16/2026	\$58.35	\$9.25	\$12.75	\$15.00	\$0.00	\$95.35
IRONWORKERS LOCAL 7							
IRONWORKERS LOCAL 7 (WORCESTER AREA)							

Apprentice: IRONWORKER/WELDER							
Effective Date: 3/16/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	70.00	\$40.85	\$9.25	\$12.75	\$5.00	\$0.00	\$67.85
2	80.00	\$46.68	\$9.25	\$12.75	\$5.00	\$0.00	\$73.68
3	90.00	\$52.52	\$9.25	\$12.75	\$5.00	\$0.00	\$79.52
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Apprentice to Journeyworker Ratio: 1:4

JACKHAMMER & PAVING BREAKER OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

LABORER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

Apprentice: LABORER							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.00	\$10.90	\$9.75	\$9.11	\$0.00	\$54.76
2	70.00	\$29.16	\$10.90	\$9.75	\$9.11	\$0.00	\$58.92
3	80.00	\$33.33	\$10.90	\$9.75	\$9.11	\$0.00	\$63.09
4	90.00	\$37.49	\$10.90	\$9.75	\$9.11	\$0.00	\$67.25

Apprentice: LABORER							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.86	\$10.90	\$9.75	\$9.11	\$0.00	\$55.62
2	70.00	\$30.17	\$10.90	\$9.75	\$9.11	\$0.00	\$59.93

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: LABORER							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	80.00	\$34.48	\$10.90	\$9.75	\$9.11	\$0.00	\$64.24
4	90.00	\$38.79	\$10.90	\$9.75	\$9.11	\$0.00	\$68.55
Apprentice to Journeyworker Ratio: 1:5							

LABORER (HEAVY & HIGHWAY)	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.21	\$0.00	\$72.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.00	\$10.90	\$9.75	\$9.21	\$0.00	\$54.86
2	70.00	\$29.16	\$10.90	\$9.75	\$9.21	\$0.00	\$59.02
3	80.00	\$33.33	\$10.90	\$9.75	\$9.21	\$0.00	\$63.19
4	90.00	\$37.49	\$10.90	\$9.75	\$9.10	\$0.00	\$67.24

Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.86	\$10.90	\$9.75	\$9.21	\$0.00	\$55.72
2	70.00	\$30.17	\$10.90	\$9.75	\$9.21	\$0.00	\$60.03
3	80.00	\$34.48	\$10.90	\$9.75	\$9.21	\$0.00	\$64.34
4	90.00	\$38.79	\$10.90	\$9.75	\$9.21	\$0.00	\$68.65

Apprentice to Journeyworker Ratio: 1:5

LABORER: CARPENTER TENDER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

For apprentice rates see "Apprentice- LABORER"

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS	6/1/2026	\$41.75	\$10.90	\$9.75	\$9.65	\$0.00	\$72.05
LABORERS - ZONE 2	12/7/2026	\$43.19	\$10.90	\$9.75	\$9.65	\$0.00	\$73.49
	6/7/2027	\$44.64	\$10.90	\$9.75	\$9.65	\$0.00	\$74.94
	12/6/2027	\$46.09	\$10.90	\$9.75	\$9.65	\$0.00	\$76.39
	6/5/2028	\$47.59	\$10.90	\$9.75	\$9.65	\$0.00	\$77.89
	12/4/2028	\$49.09	\$10.90	\$9.75	\$9.65	\$0.00	\$79.39
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
LABORER: MULTI-TRADE TENDER LABORERS	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS - ZONE 2	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76
For apprentice rates see "Apprentice- LABORER"							
LABORER: TREE REMOVER LABORERS	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS - ZONE 2	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76
This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"							
LASER BEAM OPERATOR LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
LASER BEAM OPERATOR (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
MARBLE & TILE FINISHERS	2/1/2026	\$52.08	\$12.84	\$15.57	\$5.78	\$0.00	\$86.27
BRICKLAYERS LOCAL 3	8/1/2026	\$53.84	\$12.84	\$15.57	\$5.78	\$0.00	\$88.03
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$54.96	\$12.84	\$15.57	\$5.78	\$0.00	\$89.15

Apprentice: MARBLE & TILE FINISHERS							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.04	\$12.84	\$15.57	\$5.78	\$0.00	\$60.23
2	60.00	\$31.25	\$12.84	\$15.57	\$5.78	\$0.00	\$65.44
3	70.00	\$36.46	\$12.84	\$15.57	\$5.78	\$0.00	\$70.65
4	80.00	\$41.66	\$12.84	\$15.57	\$5.78	\$0.00	\$75.85
5	90.00	\$46.87	\$12.84	\$15.57	\$5.78	\$0.00	\$81.06

Apprentice: MARBLE & TILE FINISHERS							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.92	\$12.84	\$15.57	\$5.78	\$0.00	\$61.11
2	60.00	\$32.30	\$12.84	\$15.57	\$5.78	\$0.00	\$66.49
3	70.00	\$37.69	\$12.84	\$15.57	\$5.78	\$0.00	\$71.88
4	80.00	\$43.07	\$12.84	\$15.57	\$5.78	\$0.00	\$77.26
5	90.00	\$48.46	\$12.84	\$15.57	\$5.78	\$0.00	\$82.65

Apprentice to Journeyworker Ratio: 1:5

MARBLE MASONS,TILELAYERS & TERRAZZO MECH	2/1/2026	\$67.97	\$12.84	\$15.57	\$7.99	\$0.00	\$104.37
BRICKLAYERS LOCAL 3	8/1/2026	\$70.17	\$12.84	\$15.57	\$7.99	\$0.00	\$106.57
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$71.57	\$12.84	\$15.57	\$7.99	\$0.00	\$107.97

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH							
Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.99	\$12.84	\$15.57	\$7.99	\$0.00	\$70.39
2	60.00	\$40.78	\$12.84	\$15.57	\$7.99	\$0.00	\$77.18
3	70.00	\$47.58	\$12.84	\$15.57	\$7.99	\$0.00	\$83.98
4	80.00	\$54.38	\$12.84	\$15.57	\$7.99	\$0.00	\$90.78
5	90.00	\$61.17	\$12.84	\$15.57	\$7.99	\$0.00	\$97.57

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH							
Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.09	\$12.84	\$15.57	\$7.99	\$0.00	\$71.49

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50
3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52
4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54
5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55
Apprentice to Journeyworker Ratio: 1:5							
MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MECHANIC/WELDER/BOOM TRUCK	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
MILLWRIGHT (Zone 3)	1/5/2026	\$45.20	\$10.58	\$11.47	\$9.75	\$0.00	\$77.00
MILLWRIGHTS LOCAL 1121							
MILLWRIGHTS LOCAL 1121 - Zone 3							
Apprentice: MILLWRIGHT (Zone 3) Effective Date: 1/5/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	55.00	\$24.86	\$10.58	\$0.00	\$5.36	\$0.00	\$40.80
2	65.00	\$29.38	\$10.58	\$0.00	\$6.34	\$0.00	\$46.30
3	75.00	\$33.90	\$10.58	\$11.47	\$7.31	\$0.00	\$63.26
4	85.00	\$38.42	\$10.58	\$11.47	\$8.29	\$0.00	\$68.76
Apprentice Notes Step 1&2 Appr. indentured after 1/6/2020 receive no pension,							
Apprentice to Journeyworker Ratio: 1:4							
MORTAR MIXER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
OILER	12/1/2023	\$35.02	\$13.78	\$12.15	\$3.00	\$0.00	\$63.95
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
OTHER POWER DRIVEN EQUIPMENT - CLASS VI OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$32.74	\$13.78	\$12.15	\$3.00	\$0.00	\$61.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PAINTER (BRIDGES/TANKS) PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.50	\$0.00	\$94.41

Apprentice: PAINTER (BRIDGES/TANKS)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	1/1/2026	\$50.46	\$10.35	\$12.00	\$12.60	\$0.00	\$85.41
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$25.23	\$10.35	\$0.00	\$0.00	\$0.00	\$35.58
2	55.00	\$27.75	\$10.35	\$0.00	\$6.93	\$0.00	\$45.03
3	60.00	\$30.28	\$10.35	\$0.00	\$7.56	\$0.00	\$48.19
4	65.00	\$32.80	\$10.35	\$0.00	\$8.19	\$0.00	\$51.34
5	70.00	\$35.32	\$10.35	\$12.00	\$8.82	\$0.00	\$66.49
6	75.00	\$37.85	\$10.35	\$12.00	\$9.45	\$0.00	\$69.65
7	80.00	\$40.37	\$10.35	\$12.00	\$10.08	\$0.00	\$72.80
8	90.00	\$45.41	\$10.35	\$12.00	\$11.34	\$0.00	\$79.10

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT) PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2	1/1/2026	\$48.52	\$10.35	\$12.00	\$12.60	\$0.00	\$83.47

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.26	\$10.35	\$0.00	\$0.00	\$0.00	\$34.61
2	55.00	\$26.69	\$10.35	\$0.00	\$6.93	\$0.00	\$43.97
3	60.00	\$29.11	\$10.35	\$0.00	\$7.56	\$0.00	\$47.02
4	65.00	\$31.54	\$10.35	\$0.00	\$8.19	\$0.00	\$50.08
5	70.00	\$33.96	\$10.35	\$12.00	\$8.82	\$0.00	\$65.13
6	75.00	\$36.39	\$10.35	\$12.00	\$9.45	\$0.00	\$68.19
7	80.00	\$38.82	\$10.35	\$12.00	\$10.08	\$0.00	\$71.25
8	90.00	\$43.67	\$10.35	\$12.00	\$11.34	\$0.00	\$77.36

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, NEW) *	1/1/2026	\$49.06	\$10.35	\$12.00	\$12.60	\$0.00	\$84.01
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER / TAPER (BRUSH, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88
2	55.00	\$26.98	\$10.35	\$0.00	\$6.93	\$0.00	\$44.26
3	60.00	\$29.44	\$10.35	\$0.00	\$7.56	\$0.00	\$47.35
4	65.00	\$31.89	\$10.35	\$0.00	\$8.19	\$0.00	\$50.43
5	70.00	\$34.34	\$10.35	\$12.00	\$8.82	\$0.00	\$65.51
6	75.00	\$36.80	\$10.35	\$12.00	\$9.45	\$0.00	\$68.60
7	80.00	\$39.25	\$10.35	\$12.00	\$10.08	\$0.00	\$71.68
8	90.00	\$44.15	\$10.35	\$12.00	\$11.34	\$0.00	\$77.84

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, REPAINT)	1/1/2026	\$47.12	\$10.35	\$12.00	\$12.60	\$0.00	\$82.07
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER / TAPER (BRUSH, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.56	\$10.35	\$0.00	\$0.00	\$0.00	\$33.91
2	55.00	\$25.92	\$10.35	\$0.00	\$6.93	\$0.00	\$43.20
3	60.00	\$28.27	\$10.35	\$0.00	\$7.56	\$0.00	\$46.18

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER / TAPER (BRUSH, REPAINT) Effective Date: 1/1/2026							
		Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4 65.00		\$30.63	\$10.35	\$0.00	\$8.19	\$0.00	\$49.17
5 70.00		\$32.98	\$10.35	\$12.00	\$8.82	\$0.00	\$64.15
6 75.00		\$35.34	\$10.35	\$12.00	\$9.45	\$0.00	\$67.14
7 80.00		\$37.70	\$10.35	\$12.00	\$10.08	\$0.00	\$70.13
8 90.00		\$42.41	\$10.35	\$12.00	\$11.34	\$0.00	\$76.10
Apprentice to Journeyworker Ratio: 1:1							
PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.21	\$0.00	\$72.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)							
PANEL & PICKUP TRUCKS DRIVER	6/1/2026	\$41.78	\$16.17	\$21.78	\$0.00	\$0.00	\$79.73
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.78	\$16.17	\$23.52	\$0.00	\$0.00	\$81.47
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.78	\$16.77	\$23.52	\$0.00	\$0.00	\$82.07
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
PILE DRIVER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
Apprentice: PILE DRIVER Effective Date: 8/1/2024							
		Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1 45.00		\$23.39	\$10.08	\$0.00	\$2.53	\$0.00	\$36.00
2 55.00		\$28.58	\$10.08	\$0.00	\$5.07	\$0.00	\$43.73
3 70.00		\$36.38	\$10.08	\$11.62	\$7.60	\$0.00	\$65.68
4 80.00		\$41.58	\$10.08	\$11.62	\$10.14	\$0.00	\$73.42
Apprentice to Journeyworker Ratio: 1:5							
PIPELAYER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
PIPELAYER (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

PLUMBER & PIPEFITTER	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							

Apprentice: PLUMBER & PIPEFITTER**Effective Date: 3/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$22.36	\$13.10	\$0.00	\$0.00	\$0.00	\$35.46
2	50.00	\$27.95	\$13.10	\$0.00	\$0.00	\$0.00	\$41.05
3	60.00	\$33.54	\$13.10	\$0.00	\$0.00	\$0.00	\$46.64
4	70.00	\$39.13	\$13.10	\$0.00	\$8.06	\$0.00	\$60.29
5	80.00	\$44.72	\$13.10	\$0.00	\$8.06	\$0.00	\$65.88

Apprentice to Journeyworker Ratio: 1:3

PNEUMATIC CONTROLS (TEMP.)	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							
For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"							

PNEUMATIC DRILL/TOOL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

POWDERMAN & BLASTER	6/1/2026	\$42.66	\$10.90	\$9.75	\$9.11	\$0.00	\$72.42
LABORERS	12/1/2026	\$44.10	\$10.90	\$9.75	\$9.11	\$0.00	\$73.86
LABORERS - ZONE 2	6/1/2027	\$45.55	\$10.90	\$9.75	\$9.11	\$0.00	\$75.31
	12/1/2027	\$47.00	\$10.90	\$9.75	\$9.11	\$0.00	\$76.76
	6/1/2028	\$48.50	\$10.90	\$9.75	\$9.11	\$0.00	\$78.26
	12/1/2028	\$50.00	\$10.90	\$9.75	\$9.11	\$0.00	\$79.76
For apprentice rates see "Apprentice- LABORER"							

POWDERMAN & BLASTER (HEAVY & HIGHWAY)	6/1/2026	\$42.66	\$10.90	\$9.75	\$9.21	\$0.00	\$72.52
LABORERS	12/1/2026	\$44.10	\$10.90	\$9.75	\$9.21	\$0.00	\$73.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
PUMP OPERATOR (CONCRETE) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
READY-MIX CONCRETE DRIVER TEAMSTERS 170	2/2/2026	\$29.50	\$12.37	\$8.00	\$0.00	\$0.00	\$49.87
TEAMSTERS 170 -J.G.MacLellan (Lunenburg)	1/1/2027	\$30.00	\$12.37	\$8.00	\$0.00	\$0.00	\$50.37
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ROLLER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
ROOFER (Inc.Roofing Waterproofing &Roofing Damproofg) ROOFERS LOCAL 33 ROOFERS LOCAL 33	2/1/2026	\$53.53	\$14.53	\$12.67	\$9.03	\$0.00	\$89.76

Apprentice: ROOFER (Inc.Roofing Waterproofing &Roofing Damproofg)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.77	\$14.53	\$6.52	\$9.03	\$0.00	\$56.85
2	60.00	\$32.12	\$14.53	\$12.67	\$9.03	\$0.00	\$68.35
3	65.00	\$34.79	\$14.53	\$12.67	\$9.03	\$0.00	\$71.02
4	75.00	\$40.15	\$14.53	\$12.67	\$9.03	\$0.00	\$76.38
5	85.00	\$45.50	\$14.53	\$12.67	\$9.03	\$0.00	\$81.73

Apprentice Notes**** 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1****Apprentice to Journeyworker Ratio: 1:5**

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 33 ROOFERS LOCAL 33	2/1/2026	\$53.78	\$14.53	\$12.67	\$9.03	\$0.00	\$90.01
For apprentice rates see "Apprentice- ROOFER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SCRAPER OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.82	\$4.95	\$0.00	\$0.85	\$31.19
2	50.00	\$21.74	\$6.47	\$5.51	\$0.00	\$0.94	\$34.66
3	55.00	\$23.91	\$7.12	\$9.91	\$0.00	\$1.15	\$42.09
4	60.00	\$26.09	\$7.76	\$9.91	\$0.00	\$1.23	\$44.99
5	65.00	\$28.26	\$8.41	\$9.91	\$0.00	\$1.31	\$47.89
6	70.00	\$30.44	\$9.06	\$9.91	\$0.00	\$1.39	\$50.80
7	75.00	\$32.61	\$9.71	\$9.91	\$0.00	\$1.47	\$53.70
8	80.00	\$34.78	\$10.35	\$9.91	\$8.72	\$1.78	\$65.54
9	85.00	\$36.96	\$11.00	\$9.91	\$8.72	\$1.86	\$68.45
10	90.00	\$39.13	\$11.65	\$9.91	\$8.72	\$1.94	\$71.35

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.96	\$4.95	\$0.00	\$0.85	\$31.33
2	50.00	\$21.74	\$6.62	\$5.51	\$0.00	\$0.94	\$34.81
3	55.00	\$23.91	\$7.28	\$9.91	\$0.00	\$1.15	\$42.25
4	60.00	\$26.09	\$7.94	\$9.91	\$0.00	\$1.23	\$45.17
5	65.00	\$28.26	\$8.60	\$9.91	\$0.00	\$1.31	\$48.08
6	70.00	\$30.44	\$9.27	\$9.91	\$0.00	\$1.39	\$51.01
7	75.00	\$32.61	\$9.93	\$9.91	\$0.00	\$1.47	\$53.92
8	80.00	\$34.78	\$10.59	\$9.91	\$9.92	\$1.78	\$66.98
9	85.00	\$36.96	\$11.25	\$9.91	\$9.92	\$1.86	\$69.90

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: SHEETMETAL WORKER							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
10	90.00	\$39.13	\$11.92	\$9.91	\$9.92	\$1.94	\$72.82
Apprentice to Journeyworker Ratio: 1:3							
SPECIALIZED EARTH MOVING EQUIP < 35 TONS	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
SPECIALIZED EARTH MOVING EQUIP > 35 TONS	6/1/2026	\$42.53	\$16.17	\$21.78	\$0.00	\$0.00	\$80.48
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.53	\$16.17	\$23.52	\$0.00	\$0.00	\$82.22
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.53	\$16.77	\$23.52	\$0.00	\$0.00	\$82.82
SPRINKLER FITTER	4/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	7/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	10/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
	1/1/2027	\$56.54	\$14.55	\$7.50	\$9.41	\$0.00	\$88.00
	4/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	7/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	10/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	1/1/2028	\$59.83	\$15.50	\$7.55	\$9.41	\$0.00	\$92.29

Apprentice: SPRINKLER FITTER**Effective Date: 4/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice: SPRINKLER FITTER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: SPRINKLER FITTER Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21
Apprentice to Journeyworker Ratio: 1:1							
TERRAZZO FINISHERS	2/1/2026	\$66.89	\$12.84	\$15.57	\$8.02	\$0.00	\$103.32
BRICKLAYERS LOCAL 3	8/1/2026	\$69.09	\$12.84	\$15.57	\$8.02	\$0.00	\$105.52
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$70.49	\$12.84	\$15.57	\$8.02	\$0.00	\$106.92
Apprentice: TERRAZZO FINISHERS Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.45	\$12.84	\$15.57	\$8.02	\$0.00	\$69.88
2	60.00	\$40.13	\$12.84	\$15.57	\$8.02	\$0.00	\$76.56
3	70.00	\$46.82	\$12.84	\$15.57	\$8.02	\$0.00	\$83.25
4	80.00	\$53.51	\$12.84	\$15.57	\$8.02	\$0.00	\$89.94
5	90.00	\$60.20	\$12.84	\$15.57	\$8.02	\$0.00	\$96.63
Apprentice: TERRAZZO FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.55	\$12.84	\$15.57	\$8.02	\$0.00	\$70.98
2	60.00	\$41.45	\$12.84	\$15.57	\$8.02	\$0.00	\$77.88
3	70.00	\$48.36	\$12.84	\$15.57	\$8.02	\$0.00	\$84.79
4	80.00	\$55.27	\$12.84	\$15.57	\$8.02	\$0.00	\$91.70
5	90.00	\$62.18	\$12.84	\$15.57	\$8.02	\$0.00	\$98.61
Apprentice to Journeyworker Ratio: 1:5							
TEST BORING DRILLER	6/1/2026	\$53.25	\$10.90	\$9.75	\$9.80	\$0.00	\$83.70
LABORERS	12/1/2026	\$54.75	\$10.90	\$9.75	\$9.80	\$0.00	\$85.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TEST BORING DRILLER HELPER	6/1/2026	\$49.37	\$10.90	\$9.75	\$9.80	\$0.00	\$79.82
LABORERS	12/1/2026	\$50.87	\$10.90	\$9.75	\$9.80	\$0.00	\$81.32

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TEST BORING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TRACTORS	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TRAILERS FOR EARTH MOVING EQUIPMENT	6/1/2026	\$42.82	\$16.17	\$21.78	\$0.00	\$0.00	\$80.77
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.82	\$16.17	\$23.52	\$0.00	\$0.00	\$82.51
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.82	\$16.77	\$23.52	\$0.00	\$0.00	\$83.11
TUNNEL WORK - COMPRESSED AIR	6/1/2026	\$61.48	\$10.90	\$9.75	\$10.25	\$0.00	\$92.38
LABORERS	12/1/2026	\$62.98	\$10.90	\$9.75	\$10.25	\$0.00	\$93.88
LABORERS (COMPRESSED AIR)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE)	6/1/2026	\$63.48	\$10.90	\$9.75	\$10.25	\$0.00	\$94.38
LABORERS	12/1/2026	\$64.98	\$10.90	\$9.75	\$10.25	\$0.00	\$95.88
LABORERS (COMPRESSED AIR)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR	6/1/2026	\$53.55	\$10.90	\$9.75	\$10.25	\$0.00	\$84.45
LABORERS	12/1/2026	\$55.05	\$10.90	\$9.75	\$10.25	\$0.00	\$85.95
LABORERS (FREE AIR TUNNEL)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR (HAZ. WASTE)	6/1/2026	\$55.55	\$10.90	\$9.75	\$10.25	\$0.00	\$86.45
LABORERS	12/1/2026	\$57.05	\$10.90	\$9.75	\$10.25	\$0.00	\$87.95
LABORERS (FREE AIR TUNNEL)							
For apprentice rates see "Apprentice- LABORER"							
VAC-HAUL	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
VOICE-DATA-VIDEO TECHNICIAN	9/7/2025	\$36.12	\$14.98	\$13.94	\$3.97	\$0.00	\$69.01
ELECTRICIANS LOCAL 96	9/6/2026	\$37.04	\$15.96	\$14.20	\$4.07	\$0.00	\$71.27
ELECTRICIANS LOCAL 96							

Apprentice: VOICE-DATA-VIDEO TECHNICIAN

Effective Date: 9/7/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.06	\$14.98	\$0.54	\$3.97	\$0.00	\$37.55
2	55.00	\$19.87	\$14.98	\$0.60	\$3.97	\$0.00	\$39.42

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: VOICE-DATA-VIDEO TECHNICIAN Effective Date: 9/7/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	60.00	\$21.67	\$14.98	\$13.51	\$3.97	\$0.00	\$54.13
4	65.00	\$23.48	\$14.98	\$13.56	\$3.97	\$0.00	\$55.99
5	70.00	\$25.28	\$14.98	\$13.62	\$3.97	\$0.00	\$57.85
6	75.00	\$27.09	\$14.98	\$13.67	\$3.97	\$0.00	\$59.71
7	80.00	\$28.90	\$14.98	\$13.73	\$3.97	\$0.00	\$61.58
8	85.00	\$30.70	\$14.98	\$13.78	\$3.97	\$0.00	\$63.43
Apprentice: VOICE-DATA-VIDEO TECHNICIAN Effective Date: 9/6/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.52	\$15.96	\$0.56	\$4.07	\$0.00	\$39.11
2	55.00	\$20.37	\$15.96	\$0.61	\$4.07	\$0.00	\$41.01
3	60.00	\$22.22	\$15.96	\$13.76	\$4.07	\$0.00	\$56.01
4	65.00	\$24.08	\$15.96	\$13.81	\$4.07	\$0.00	\$57.92
5	70.00	\$25.93	\$15.96	\$13.87	\$4.07	\$0.00	\$59.83
6	75.00	\$27.78	\$15.96	\$13.92	\$4.07	\$0.00	\$61.73
7	80.00	\$29.63	\$15.96	\$13.98	\$4.07	\$0.00	\$63.64
8	85.00	\$31.48	\$15.96	\$14.03	\$4.07	\$0.00	\$65.54
Apprentice to Journeyworker Ratio: 1:1							
WAGON DRILL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
WATER METER INSTALLER	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"							

Marine Drilling

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BLASTER MARINE DRILLING MARINE DRILLING	1/1/2018	\$41.82	\$7.63	\$2.35	\$1.25	\$0.00	\$53.05
BOAT CAPTAIN MARINE DRILLING MARINE DRILLING	1/1/2018	\$33.87	\$7.63	\$2.35	\$0.95	\$0.00	\$44.80
BOAT CAPTAIN / Over 1,000 hp MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.06	\$7.63	\$2.35	\$1.25	\$0.00	\$49.29
CORE DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$31.43	\$7.63	\$2.25	\$0.65	\$0.00	\$41.96
CORE DRILLER HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$28.47	\$7.63	\$2.35	\$0.65	\$0.00	\$39.10
DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.70	\$7.63	\$2.35	\$1.25	\$0.00	\$50.93
ENGINEER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.69	\$7.63	\$2.25	\$1.25	\$0.00	\$50.82
HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
MACHINIST MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81
OILER - MARINE DRILLING MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
TUG DECKHAND MARINE DRILLING MARINE DRILLING	1/1/2018	\$27.61	\$7.63	\$2.35	\$0.65	\$0.00	\$38.24
WELDER MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81

Op Eng Marine (Dredging Work)

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$29.26	\$7.63	\$2.35	\$0.95	\$0.00	\$40.19
CERTIFIED WELDER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$31.09	\$7.63	\$2.35	\$1.25	\$0.00	\$42.32
CHIEF WELDER/ CHIEF MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DERRICK / SPIDER / SPILLBARGE OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DRAG BARGE OPERATOR / WELDER / MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$30.24	\$7.63	\$2.35	\$0.95	\$0.00	\$41.17
ENGINEER / ELECTRICIAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED TUG OPERATOR OVER 1000HP OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
MAINTENANCE ENGINEER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.03	\$7.63	\$2.35	\$1.25	\$0.00	\$44.26
OILER - MARINE DIVISION OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
OPERATOR / LEVERMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
RODMAN / SCOWMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
SHOREMAN / DECKHAND OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93

Additional Apprentice Information

All apprentices must be registered with the Division of Apprenticeship Training(DAS) in accordance with M.G.L.c. 23, §§ 11E-11L. Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the hourly prevailing wage rate established by the Commissioner under the provisions of M.G.L.c. 149, §§ 26-27D.

Apprentice ratios are established by DAS pursuant to M.G.L.c. 23, §§ 11E-11L. Ratios are expressed as the allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified. The ratios listed herein have been taken from relevant private collective bargaining agreements(CBAs) and are provided for illustrative purposes only. They have not been independently verified as being accurate or continuing to be accurate.

Parties having questions regarding what ratio to use should contact DAS.

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**THE COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF LABOR AND WORKFORCE DEVELOPMENT
DEPARTMENT OF LABOR STANDARDS
Prevailing Wage Rates**

MAURA HEALEY
Governor
KIM DRISCOLL
Lt. Governor

**As determined by the Director under the provisions of the
Massachusetts General Laws, Chapter 149, Sections 26 to 27H**

LAUREN JONES
Secretary
MICHAEL FLANAGAN
Director

Awarding Authority:	Massachusetts Highway	City/Town:	WINCHENDON
Contract Number:	134932		
Description of Work:	GILL-NORTHFIELD-ROYALSTON-WINCHENDON - Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)		
Job Location:	Municipal Bridges at Multiple locations		

Information about Prevailing Wage Schedules for Awarding Authorities and Contractors

- The wage rates will remain in effect for the duration of the project, except in the case of multi-year public construction projects. For construction projects lasting longer than one year, awarding authorities must request an updated wage schedule no later than two weeks before the anniversary of the date the contract was executed by the awarding authority and the general contractor. For multi-year CM AT RISK projects, the awarding authority must request an annual update no later than two weeks before the anniversary date, determined as the earlier of: (a) the execution date of the GMP Amendment, or (b) the execution date of the first amendment to permit procurement of construction services. The updated wage schedule must be provided to all contractors, including general and sub-contractors, working on the construction project.
- This annual update requirement is generally not applicable to 27F “rental of equipment” contracts. For such contracts, the prevailing wage rates issued by DLS shall remain in effect for the duration of the contract term. However, if the prevailing wage rate sheet issued does not contain wage rates for each year covered by the contract term, the Awarding Authority must request updated rate sheets from DLS and provide them to the contractor to ensure the correct rates are being paid throughout the duration of the contract. Additionally, if an Awarding Authority exercises an option to renew or extend the contract term, they must request updated rate sheets from DLS and provide them to the contractor.
- This wage schedule applies only to the specific project referenced at the top of this page and uniquely identified by the “Wage Request Number” on all pages of this schedule.
- An Awarding Authority must request an updated wage schedule if it has not opened bids or selected a contractor within 90 days of the date of issuance of the wage schedule. For CM AT RISK projects (bid pursuant to G.L. c.149A), the earlier of: (a) the execution date of the GMP Amendment, or (b) the bid for the first construction scope of work must be within 90-days of the wage schedule issuance date.
- The wage schedule shall be incorporated in any advertisement or call for bids for the project as required by M.G.L. c. 149, § 27. The wage schedule shall be made a part of the contract awarded for the project. The wage schedule must be posted in a conspicuous place at the work site for the life of the project in accordance with M.G.L. c. 149 § 27. The wages listed on the wage schedule must be paid to employees performing construction work on the project whether they are employed by the prime contractor, a filed sub-bidder, or a sub-contractor.
- Apprentices working on the project are required to be registered with the Massachusetts Division of Apprentice Standards (DAS). Apprentices must keep their apprentice identification card on their persons during all work hours on the project. An apprentice registered with DAS may be paid the lower apprentice wage rate at the applicable step as provided on the prevailing wage schedule. **Any apprentice not registered with DAS regardless of whether they are registered with another federal, state, local, or private agency must be paid the journeyworker’s rate.**
- Every contractor or subcontractor working on the construction project must submit weekly payroll reports and a Statement of Compliance directly to the awarding authority by mail or email and keep them on file for three years. Each weekly payroll report must contain: the employee’s name, address, occupational classification, hours worked, and wages paid. Do not submit weekly payroll reports to DLS. For a sample payroll reporting form go to <http://www.mass.gov/dols/pw>.
- Contractors with questions about the wage rates or classifications included on the wage schedule have an affirmative obligation to inquire with DLS at (617) 626-6953.
- Contractors must obtain the wage schedules from awarding authorities. Failure of a contractor or subcontractor to pay the prevailing wage rates listed on the wage schedule to all employees who perform construction work on the project is a violation of the law and subjects the contractor or subcontractor to civil and criminal penalties.
- Employees not receiving the prevailing wage rate set forth on the wage schedule may file a complaint with the Fair Labor Division of the office of the Attorney General at (617) 727-3465.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
(2 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$41.95	\$16.17	\$21.78	\$0.00	\$0.00	\$79.90
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.95	\$16.17	\$23.52	\$0.00	\$0.00	\$81.64
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.95	\$16.77	\$23.52	\$0.00	\$0.00	\$82.24
(3 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.02	\$16.17	\$21.78	\$0.00	\$0.00	\$79.97
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.02	\$16.17	\$23.52	\$0.00	\$0.00	\$81.71
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.02	\$16.77	\$23.52	\$0.00	\$0.00	\$82.31
(4 & 5 AXLE) DRIVER - EQUIPMENT	6/1/2026	\$42.14	\$16.17	\$21.78	\$0.00	\$0.00	\$80.09
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.14	\$16.17	\$23.52	\$0.00	\$0.00	\$81.83
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.14	\$16.77	\$23.52	\$0.00	\$0.00	\$82.43
ADS/SUBMERSIBLE PILOT	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
AIR TRACK OPERATOR	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
LABORERS - ZONE 2	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
AIR TRACK OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
ASBESTOS WORKER (PIPES & TANKS)	12/1/2025	\$44.80	\$14.50	\$4.30	\$6.75	\$0.00	\$70.35
HEAT & FROST INSULATORS LOCAL 6							
HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)							
ASPHALT RAKER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ASPHALT RAKER (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
AUTOMATIC GRADER-EXCAVATOR (RECLAIMER)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BACKHOE/FRONT-END LOADER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BARCO-TYPE JUMPING TAMPER LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
BATCH/CEMENT PLANT - ON SITE OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
BLOCK PAVER, RAMMER / CURB SETTER LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51
For apprentice rates see "Apprentice- LABORER"							
BLOCK PAVER, RAMMER / CURB SETTER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
BOILER MAKER BOILERMAKERS LOCAL 29 BOILERMAKERS LOCAL 29	1/1/2024	\$48.12	\$7.07	\$14.60	\$6.00	\$0.00	\$75.79

Apprentice: BOILER MAKER

Effective Date: 1/1/2024

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
2	65.00	\$31.28	\$7.07	\$9.32	\$3.90	\$0.00	\$51.57
3	70.00	\$33.68	\$7.07	\$10.03	\$4.20	\$0.00	\$54.98
4	75.00	\$36.09	\$7.07	\$10.74	\$4.50	\$0.00	\$58.40
5	80.00	\$38.50	\$7.07	\$11.45	\$4.80	\$0.00	\$61.82
6	85.00	\$40.90	\$7.07	\$12.18	\$5.10	\$0.00	\$65.25
7	90.00	\$43.31	\$7.07	\$12.88	\$5.40	\$0.00	\$68.66
8	95.00	\$45.71	\$7.07	\$13.62	\$5.70	\$0.00	\$72.10

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)	2/1/2026	\$65.81	\$12.84	\$15.57	\$7.33	\$0.00	\$101.55
BRICKLAYERS LOCAL 3	8/1/2026	\$68.01	\$12.84	\$15.57	\$7.33	\$0.00	\$103.75
BRICKLAYERS LOCAL 3 (LOWELL)	2/1/2027	\$69.41	\$12.84	\$15.57	\$7.33	\$0.00	\$105.15

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$32.91	\$12.84	\$15.57	\$7.33	\$0.00	\$68.65
2	60.00	\$39.49	\$12.84	\$15.57	\$7.33	\$0.00	\$75.23
3	70.00	\$46.07	\$12.84	\$15.57	\$7.33	\$0.00	\$81.81
4	80.00	\$52.65	\$12.84	\$15.57	\$7.33	\$0.00	\$88.39
5	90.00	\$59.23	\$12.84	\$15.57	\$7.33	\$0.00	\$94.97

Apprentice: BRICK/STONE/ARTIFICIAL MASONRY (INCL. MASONRY WATERPROOFING)**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.01	\$12.84	\$15.57	\$7.33	\$0.00	\$69.75
2	60.00	\$40.81	\$12.84	\$15.57	\$7.33	\$0.00	\$76.55
3	70.00	\$47.61	\$12.84	\$15.57	\$7.33	\$0.00	\$83.35
4	80.00	\$54.41	\$12.84	\$15.57	\$7.33	\$0.00	\$90.15
5	90.00	\$61.21	\$12.84	\$15.57	\$7.33	\$0.00	\$96.95

Apprentice to Journeyworker Ratio: 1:5

BULLDOZER/POWER SHOVEL/TREE SHREDDER /CLAM SHELL	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							

CAISSON & UNDERPINNING BOTTOM MAN	6/1/2026	\$50.40	\$10.90	\$9.75	\$9.80	\$0.00	\$80.85
LABORERS	12/1/2026	\$51.90	\$10.90	\$9.75	\$9.80	\$0.00	\$82.35
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CAISSON & UNDERPINNING TOP MAN	6/1/2026	\$49.58	\$10.90	\$9.75	\$9.80	\$0.00	\$80.03
LABORERS	12/1/2026	\$51.08	\$10.90	\$9.75	\$9.80	\$0.00	\$81.53
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							

CARBIDE CORE DRILL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

CARPENTER	3/1/2026	\$50.85	\$11.08	\$11.47	\$8.50	\$0.00	\$81.90
CARPENTERS	9/1/2026	\$52.10	\$11.08	\$11.47	\$8.50	\$0.00	\$83.15
CARPENTERS -ZONE 2 (Eastern Massachusetts)	3/1/2027	\$53.35	\$11.08	\$11.47	\$8.50	\$0.00	\$84.40

Apprentice: CARPENTER**Effective Date: 3/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
2	45.00	\$22.88	\$11.08	\$0.00	\$1.73	\$0.00	\$35.69
3	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
4	55.00	\$27.97	\$11.08	\$0.00	\$3.40	\$0.00	\$42.45
5	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
6	70.00	\$35.60	\$11.08	\$11.41	\$5.10	\$0.00	\$63.19
7	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00
8	80.00	\$40.68	\$11.08	\$11.44	\$6.80	\$0.00	\$70.00

Apprentice: CARPENTER**Effective Date: 9/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
2	45.00	\$23.45	\$11.08	\$0.00	\$1.73	\$0.00	\$36.26
3	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
4	55.00	\$28.66	\$11.08	\$0.00	\$3.40	\$0.00	\$43.14
5	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
6	70.00	\$36.47	\$11.08	\$11.41	\$5.10	\$0.00	\$64.06
7	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00
8	80.00	\$41.68	\$11.08	\$11.44	\$6.80	\$0.00	\$71.00

Apprentice to Journeyworker Ratio: 1:5

CARPENTER WOOD FRAME	10/1/2025	\$27.37	\$7.38	\$4.47	\$1.00	\$0.00	\$40.22
CARPENTERS	10/1/2026	\$28.47	\$7.38	\$4.47	\$1.00	\$0.00	\$41.32

All Aspects of New Wood Frame Work

Apprentice: CARPENTER WOOD FRAME**Effective Date: 10/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
2	60.00	\$16.42	\$7.38	\$0.00	\$0.00	\$0.00	\$23.80
3	65.00	\$17.79	\$7.38	\$0.00	\$1.00	\$0.00	\$26.17
4	70.00	\$19.16	\$7.38	\$0.00	\$1.00	\$0.00	\$27.54
5	75.00	\$20.53	\$7.38	\$3.80	\$1.00	\$0.00	\$32.71
6	80.00	\$21.90	\$7.38	\$3.80	\$1.00	\$0.00	\$34.08
7	85.00	\$23.26	\$7.38	\$3.80	\$1.00	\$0.00	\$35.44
8	90.00	\$24.63	\$7.38	\$3.80	\$1.00	\$0.00	\$36.81

Apprentice: CARPENTER WOOD FRAME							
Effective Date: 10/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
2	60.00	\$17.08	\$7.38	\$0.00	\$0.00	\$0.00	\$24.46
3	65.00	\$18.51	\$7.38	\$0.00	\$1.00	\$0.00	\$26.89
4	70.00	\$19.93	\$7.38	\$0.00	\$1.00	\$0.00	\$28.31
5	75.00	\$21.35	\$7.38	\$3.80	\$1.00	\$0.00	\$33.53
6	80.00	\$22.78	\$7.38	\$3.80	\$1.00	\$0.00	\$34.96
7	85.00	\$24.20	\$7.38	\$3.80	\$1.00	\$0.00	\$36.38
8	90.00	\$25.62	\$7.38	\$3.80	\$1.00	\$0.00	\$37.80

Apprentice to Journeyworker Ratio: 1:5

CEMENT MASONRY/PLASTERING	1/1/2026	\$53.24	\$13.35	\$16.43	\$7.78	\$1.80	\$92.60
PLASTERERS AND CEMENT MASONS LOCAL 534	7/1/2026	\$54.49	\$13.35	\$16.43	\$7.78	\$1.80	\$93.85
Plasterers and Cement Masons - Zone 1	1/1/2027	\$55.94	\$13.35	\$16.43	\$7.78	\$1.80	\$95.30
	7/1/2027	\$57.29	\$13.35	\$16.43	\$7.78	\$1.80	\$96.65
	1/1/2028	\$58.64	\$13.35	\$16.43	\$7.78	\$1.80	\$98.00

Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.62	\$13.35	\$16.43	\$0.00	\$0.00	\$56.40
2	60.00	\$31.94	\$13.35	\$16.43	\$7.78	\$1.80	\$71.30
3	65.00	\$34.61	\$13.35	\$16.43	\$7.78	\$1.80	\$73.97
4	70.00	\$37.27	\$13.35	\$16.43	\$7.78	\$1.80	\$76.63
5	75.00	\$39.93	\$13.35	\$16.43	\$7.78	\$1.80	\$79.29
6	80.00	\$42.59	\$13.35	\$16.43	\$7.78	\$1.80	\$81.95
7	90.00	\$47.92	\$13.35	\$16.43	\$0.00	\$0.00	\$77.70

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: CEMENT MASONRY/PLASTERING							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$27.25	\$13.35	\$16.43	\$0.00	\$0.00	\$57.03
2	60.00	\$32.69	\$13.35	\$16.43	\$7.78	\$1.80	\$72.05
3	65.00	\$35.42	\$13.35	\$16.43	\$7.78	\$1.80	\$74.78
4	70.00	\$38.14	\$13.35	\$16.43	\$7.78	\$1.80	\$77.50
5	75.00	\$40.87	\$13.35	\$16.43	\$7.78	\$1.80	\$80.23
6	80.00	\$43.59	\$13.35	\$16.43	\$7.78	\$1.80	\$82.95
7	90.00	\$49.04	\$13.35	\$0.00	\$7.78	\$0.00	\$70.17

Apprentice to Journeyworker Ratio: 1:5

CHAIN SAW OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

COMPRESSOR OPERATOR	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

CRANE OPERATOR	12/1/2023	\$43.06	\$13.78	\$12.15	\$3.00	\$0.00	\$71.99
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

For apprentice rates see "Apprentice- OPERATING ENGINEERS"

DELEADER (BRIDGE)	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.60	\$0.00	\$94.51
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: DELEADER (BRIDGE)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 1:1							
DEMO: ADZEMAN	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 2	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BACKHOE/LOADER/HAMMER OPERATOR	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 2	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: BURNERS	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 2	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: CONCRETE CUTTER/SAWYER	6/1/2026	\$50.30	\$10.90	\$9.75	\$9.65	\$0.00	\$80.60
LABORERS	12/7/2026	\$51.80	\$10.90	\$9.75	\$9.65	\$0.00	\$82.10
LABORERS - ZONE 2	6/7/2027	\$53.40	\$10.90	\$9.75	\$9.65	\$0.00	\$83.70
	12/6/2027	\$55.00	\$10.90	\$9.75	\$9.65	\$0.00	\$85.30
	6/5/2028	\$56.68	\$10.90	\$9.75	\$9.65	\$0.00	\$86.98
	12/4/2028	\$58.35	\$10.90	\$9.75	\$9.65	\$0.00	\$88.65
For apprentice rates see "Apprentice- LABORER"							
DEMO: JACKHAMMER OPERATOR	6/1/2026	\$50.05	\$10.90	\$9.75	\$9.65	\$0.00	\$80.35
LABORERS	12/7/2026	\$51.55	\$10.90	\$9.75	\$9.65	\$0.00	\$81.85
LABORERS - ZONE 2	6/7/2027	\$53.15	\$10.90	\$9.75	\$9.65	\$0.00	\$83.45
	12/6/2027	\$54.75	\$10.90	\$9.75	\$9.65	\$0.00	\$85.05
	6/5/2028	\$56.43	\$10.90	\$9.75	\$9.65	\$0.00	\$86.73
	12/4/2028	\$58.10	\$10.90	\$9.75	\$9.65	\$0.00	\$88.40
For apprentice rates see "Apprentice- LABORER"							
DEMO: WRECKING LABORER	6/1/2026	\$49.30	\$10.90	\$9.75	\$9.65	\$0.00	\$79.60
LABORERS	12/7/2026	\$50.80	\$10.90	\$9.75	\$9.65	\$0.00	\$81.10
LABORERS - ZONE 2	6/7/2027	\$52.40	\$10.90	\$9.75	\$9.65	\$0.00	\$82.70
	12/6/2027	\$54.00	\$10.90	\$9.75	\$9.65	\$0.00	\$84.30
	6/5/2028	\$55.68	\$10.90	\$9.75	\$9.65	\$0.00	\$85.98
	12/4/2028	\$57.35	\$10.90	\$9.75	\$9.65	\$0.00	\$87.65
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
DIVER	8/1/2024	\$78.11	\$10.08	\$11.62	\$12.67	\$0.00	\$112.48
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Diver wage 70/80/90 2A \$69.83, 3A \$91.79,4A \$102.14 Total Rate							
DIVER TENDER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
as of 8-1-24, Apprentices with diving licenses begin at second year. % of Piledriver wage 70/80/90 2A \$54.20, 3A \$73.93,4A \$82.05 Total Rate							
DIVER TENDER (EFFLUENT)	8/1/2024	\$83.69	\$10.08	\$11.62	\$12.67	\$0.00	\$118.06
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DIVER/SLURRY (EFFLUENT)	8/1/2024	\$117.16	\$10.08	\$11.62	\$12.67	\$0.00	\$151.53
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
DRAWBRIDGE OPERATOR (Construction)	7/1/2020	\$26.77	\$6.67	\$3.93	\$0.00	\$0.16	\$37.53
DRAWBRIDGE - SEIU LOCAL 888							
DRAWBRIDGE - SEIU LOCAL 888							
ELECTRICIAN	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

Apprentice: ELECTRICIAN							
Effective Date: 9/7/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$19.26	\$14.98	\$0.58	\$0.00	\$0.00	\$34.82
2	45.00	\$21.67	\$14.98	\$0.65	\$0.00	\$0.00	\$37.30
3	48.00	\$23.12	\$14.98	\$13.55	\$2.54	\$0.00	\$54.19
4	55.00	\$26.49	\$14.98	\$13.65	\$2.92	\$0.00	\$58.04
5	65.00	\$31.30	\$14.98	\$13.80	\$3.45	\$0.00	\$63.53
6	80.00	\$38.53	\$14.98	\$14.02	\$4.24	\$0.00	\$71.77

Apprentice: ELECTRICIAN							
Effective Date: 9/6/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$19.75	\$15.96	\$0.59	\$0.00	\$0.00	\$36.30
2	45.00	\$22.22	\$15.96	\$0.67	\$0.00	\$0.00	\$38.85
3	48.00	\$23.70	\$15.96	\$13.80	\$2.61	\$0.00	\$56.07
4	55.00	\$27.16	\$15.96	\$13.90	\$2.99	\$0.00	\$60.01
5	65.00	\$32.10	\$15.96	\$14.05	\$3.53	\$0.00	\$65.64
6	80.00	\$39.50	\$15.96	\$14.28	\$4.35	\$0.00	\$74.09

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice to Journeyworker Ratio: 2:3							
ELEVATOR CONSTRUCTOR	1/1/2026	\$69.23	\$16.38	\$11.06	\$10.70	\$0.00	\$107.37
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$72.23	\$16.48	\$11.16	\$11.00	\$0.00	\$110.87
ELEVATOR CONSTRUCTORS LOCAL 41							

Apprentice: ELEVATOR CONSTRUCTOR**Effective Date: 1/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.62	\$16.38	\$0.00	\$0.00	\$0.00	\$51.00
2	55.00	\$38.08	\$16.38	\$11.06	\$10.70	\$0.00	\$76.22
3	65.00	\$45.00	\$16.38	\$11.06	\$10.70	\$0.00	\$83.14
4	70.00	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
5	80.00	\$55.38	\$16.38	\$11.06	\$10.70	\$0.00	\$93.52

Apprentice: ELEVATOR CONSTRUCTOR**Effective Date: 1/1/2027**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$36.12	\$16.48	\$0.00	\$0.00	\$0.00	\$52.60
2	55.00	\$39.73	\$16.48	\$11.16	\$11.00	\$0.00	\$78.37
3	65.00	\$46.95	\$16.48	\$11.16	\$11.00	\$0.00	\$85.59
4	70.00	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
5	80.00	\$57.78	\$16.48	\$11.16	\$11.00	\$0.00	\$96.42

Apprentice to Journeyworker Ratio: 1:1

ELEVATOR CONSTRUCTOR HELPER	1/1/2026	\$48.46	\$16.38	\$11.06	\$10.70	\$0.00	\$86.60
ELEVATOR CONSTRUCTORS LOCAL 41	1/1/2027	\$50.56	\$16.48	\$11.16	\$11.00	\$0.00	\$89.20
ELEVATOR CONSTRUCTORS LOCAL 41							

For apprentice rates see "Apprentice - ELEVATOR CONSTRUCTOR"

FENCE & GUARD RAIL ERECTOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FIELD ENG.INST/ROD-BLDG,SITE,HVY/HWY	6/1/1999	\$18.84	\$4.80	\$4.10	\$0.00	\$0.00	\$27.74
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

FIELD ENG.PARTY CHIEF:BLDG,SITE,HVY/HWY	6/1/1999	\$21.33	\$4.80	\$4.10	\$0.00	\$0.00	\$30.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

FIELD ENG.SURVEY CHIEF-BLDG,SITE,HVY/HWY	6/1/1999	\$22.33	\$4.80	\$4.10	\$0.00	\$0.00	\$31.23
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
FIRE ALARM INSTALLER	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

For apprentice rates see "Apprentice- ELECTRICIAN"

FIRE ALARM REPAIR / MAINT/COMMISSIONING	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74
ELECTRICIANS LOCAL 96	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34
ELECTRICIANS LOCAL 96							

For apprentice rates see "Apprentice- ELECTRICIAN"

FIREMAN	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							

Apprentice: FIREMAN

Effective Date: 12/1/2023

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$23.42	\$13.78	\$12.15	\$3.00	\$0.00	\$52.35
2	70.00	\$27.32	\$13.78	\$12.15	\$3.00	\$0.00	\$56.25
3	80.00	\$31.22	\$13.78	\$12.15	\$3.00	\$0.00	\$60.15
4	90.00	\$35.13	\$13.78	\$12.15	\$3.00	\$0.00	\$64.06

Apprentice to Journeyworker Ratio: 1:6

FLAGGER & SIGNALER (HEAVY & HIGHWAY)	6/1/2026	\$29.21	\$10.90	\$9.75	\$9.21	\$0.00	\$59.07
LABORERS	12/1/2026	\$29.21	\$10.90	\$9.75	\$9.21	\$0.00	\$59.07
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

FLOORCOVERER	3/1/2024	\$48.93	\$10.33	\$11.47	\$8.80	\$0.00	\$79.53
FLOORCOVERERS LOCAL 2168							
FLOORCOVERERS LOCAL 2168 ZONE II							

Apprentice: FLOORCOVERER

Effective Date: 3/1/2024

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.47	\$10.33	\$0.00	\$1.76	\$0.00	\$36.56
2	55.00	\$26.91	\$10.33	\$0.00	\$1.76	\$0.00	\$39.00
3	60.00	\$29.36	\$10.33	\$0.00	\$3.52	\$0.00	\$43.21
4	65.00	\$31.80	\$10.33	\$0.00	\$3.52	\$0.00	\$45.65
5	70.00	\$34.25	\$10.33	\$11.47	\$5.28	\$0.00	\$61.33
6	75.00	\$36.70	\$10.33	\$11.47	\$5.28	\$0.00	\$63.78
7	80.00	\$39.14	\$10.33	\$11.47	\$7.04	\$0.00	\$67.98
8	85.00	\$41.59	\$10.33	\$11.47	\$7.04	\$0.00	\$70.43

Apprentice Notes

Steps are 750 hrs.

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																								
Apprentice to Journeyworker Ratio: 1:1																																																																															
FORK LIFT OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.25	\$13.78	\$12.15	\$3.00	\$0.00	\$68.18																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
GENERATORS/LIGHTING PLANTS OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) GLAZIERS LOCAL 35 GLAZIERS LOCAL 35 (ZONE 2)	1/1/2026	\$49.06	\$10.35	\$12.00	\$12.60	\$0.00	\$84.01																																																																								
Apprentice: GLAZIER (GLASS PLANK/AIR BARRIER/INTERIOR SYSTEMS) Effective Date: 1/1/2026 <table> <tr> <th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr> <tr><td>1</td><td>50.00</td><td>\$24.53</td><td>\$10.35</td><td>\$0.00</td><td>\$0.00</td><td>\$0.00</td><td>\$34.88</td></tr> <tr><td>2</td><td>55.00</td><td>\$26.98</td><td>\$10.35</td><td>\$0.00</td><td>\$6.88</td><td>\$0.00</td><td>\$44.21</td></tr> <tr><td>3</td><td>60.00</td><td>\$29.44</td><td>\$10.35</td><td>\$0.00</td><td>\$7.50</td><td>\$0.00</td><td>\$47.29</td></tr> <tr><td>4</td><td>65.00</td><td>\$31.89</td><td>\$10.35</td><td>\$0.00</td><td>\$8.13</td><td>\$0.00</td><td>\$50.37</td></tr> <tr><td>5</td><td>70.00</td><td>\$34.34</td><td>\$10.35</td><td>\$12.00</td><td>\$8.75</td><td>\$0.00</td><td>\$65.44</td></tr> <tr><td>6</td><td>75.00</td><td>\$36.80</td><td>\$10.35</td><td>\$12.00</td><td>\$9.38</td><td>\$0.00</td><td>\$68.53</td></tr> <tr><td>7</td><td>80.00</td><td>\$39.25</td><td>\$10.35</td><td>\$12.00</td><td>\$10.00</td><td>\$0.00</td><td>\$71.60</td></tr> <tr><td>8</td><td>90.00</td><td>\$44.15</td><td>\$10.35</td><td>\$12.00</td><td>\$11.25</td><td>\$0.00</td><td>\$77.75</td></tr> </table>								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88	2	55.00	\$26.98	\$10.35	\$0.00	\$6.88	\$0.00	\$44.21	3	60.00	\$29.44	\$10.35	\$0.00	\$7.50	\$0.00	\$47.29	4	65.00	\$31.89	\$10.35	\$0.00	\$8.13	\$0.00	\$50.37	5	70.00	\$34.34	\$10.35	\$12.00	\$8.75	\$0.00	\$65.44	6	75.00	\$36.80	\$10.35	\$12.00	\$9.38	\$0.00	\$68.53	7	80.00	\$39.25	\$10.35	\$12.00	\$10.00	\$0.00	\$71.60	8	90.00	\$44.15	\$10.35	\$12.00	\$11.25	\$0.00	\$77.75
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																																																								
1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88																																																																								
2	55.00	\$26.98	\$10.35	\$0.00	\$6.88	\$0.00	\$44.21																																																																								
3	60.00	\$29.44	\$10.35	\$0.00	\$7.50	\$0.00	\$47.29																																																																								
4	65.00	\$31.89	\$10.35	\$0.00	\$8.13	\$0.00	\$50.37																																																																								
5	70.00	\$34.34	\$10.35	\$12.00	\$8.75	\$0.00	\$65.44																																																																								
6	75.00	\$36.80	\$10.35	\$12.00	\$9.38	\$0.00	\$68.53																																																																								
7	80.00	\$39.25	\$10.35	\$12.00	\$10.00	\$0.00	\$71.60																																																																								
8	90.00	\$44.15	\$10.35	\$12.00	\$11.25	\$0.00	\$77.75																																																																								
Apprentice to Journeyworker Ratio: 1:1																																																																															
GRADER/TRENCHING MACHINE/DERRICK OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49																																																																								
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																																																															
HVAC (DUCTWORK) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28																																																																								
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78																																																																								
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28																																																																								
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78																																																																								
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28																																																																								
For apprentice rates see "Apprentice- SHEET METAL WORKER"																																																																															
HVAC (ELECTRICAL CONTROLS) ELECTRICIANS LOCAL 96 ELECTRICIANS LOCAL 96	9/7/2025	\$48.16	\$14.98	\$14.30	\$5.30	\$0.00	\$82.74																																																																								
	9/6/2026	\$49.38	\$15.96	\$14.57	\$5.43	\$0.00	\$85.34																																																																								
For apprentice rates see "Apprentice- ELECTRICIAN"																																																																															
HVAC (TESTING AND BALANCING - AIR) SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28																																																																								
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78																																																																								
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28																																																																								

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28

For apprentice rates see "Apprentice- SHEET METAL WORKER"

HVAC (TESTING AND BALANCING -WATER) PLUMBERS LOCAL 4 PLUMBERS LOCAL 4	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

HVAC MECHANIC PLUMBERS LOCAL 4 PLUMBERS LOCAL 4	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

HYDRAULIC DRILLS LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.11	\$0.00	\$72.17
LABORERS - ZONE 2	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.11	\$0.00	\$73.61
	6/1/2027	\$45.30	\$10.90	\$9.75	\$9.11	\$0.00	\$75.06
	12/1/2027	\$46.75	\$10.90	\$9.75	\$9.11	\$0.00	\$76.51
	6/1/2028	\$48.25	\$10.90	\$9.75	\$9.11	\$0.00	\$78.01
	12/1/2028	\$49.75	\$10.90	\$9.75	\$9.11	\$0.00	\$79.51

For apprentice rates see "Apprentice- LABORER"

HYDRAULIC DRILLS (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$42.41	\$10.90	\$9.75	\$9.21	\$0.00	\$72.27
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.85	\$10.90	\$9.75	\$9.21	\$0.00	\$73.71

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

INSULATOR (PIPES & TANKS)	9/1/2025	\$54.31	\$14.75	\$9.52	\$10.09	\$0.00	\$88.67
HEAT & FROST INSULATORS LOCAL 6	9/1/2026	\$57.38	\$14.75	\$9.52	\$10.09	\$0.00	\$91.74
HEAT & FROST INSULATORS LOCAL 6 (WORCESTER)							

Apprentice: INSULATOR (PIPES & TANKS)**Effective Date: 9/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$27.16	\$14.75	\$9.27	\$5.05	\$0.00	\$56.23
2	60.00	\$32.59	\$14.75	\$9.32	\$6.05	\$0.00	\$62.71
3	70.00	\$38.02	\$14.75	\$9.37	\$7.06	\$0.00	\$69.20
4	80.00	\$43.45	\$14.75	\$9.42	\$8.07	\$0.00	\$75.69

Apprentice: INSULATOR (PIPES & TANKS)**Effective Date: 9/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$28.69	\$14.75	\$9.27	\$5.05	\$0.00	\$57.76
2	60.00	\$34.43	\$14.75	\$9.32	\$6.05	\$0.00	\$64.55
3	70.00	\$40.17	\$14.75	\$9.37	\$7.06	\$0.00	\$71.35
4	80.00	\$45.90	\$14.75	\$9.42	\$8.07	\$0.00	\$78.14

Apprentice to Journeyworker Ratio: 1:4

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
IRONWORKER/WELDER	3/16/2026	\$58.35	\$9.25	\$12.75	\$15.00	\$0.00	\$95.35
IRONWORKERS LOCAL 7							
IRONWORKERS LOCAL 7 (WORCESTER AREA)							

Apprentice: IRONWORKER/WELDER							
Effective Date: 3/16/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	70.00	\$40.85	\$9.25	\$12.75	\$5.00	\$0.00	\$67.85
2	80.00	\$46.68	\$9.25	\$12.75	\$5.00	\$0.00	\$73.68
3	90.00	\$52.52	\$9.25	\$12.75	\$5.00	\$0.00	\$79.52
4	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
5	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
6	0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

Apprentice to Journeyworker Ratio: 1:4

JACKHAMMER & PAVING BREAKER OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

LABORER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

Apprentice: LABORER							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.00	\$10.90	\$9.75	\$9.11	\$0.00	\$54.76
2	70.00	\$29.16	\$10.90	\$9.75	\$9.11	\$0.00	\$58.92
3	80.00	\$33.33	\$10.90	\$9.75	\$9.11	\$0.00	\$63.09
4	90.00	\$37.49	\$10.90	\$9.75	\$9.11	\$0.00	\$67.25

Apprentice: LABORER							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.86	\$10.90	\$9.75	\$9.11	\$0.00	\$55.62
2	70.00	\$30.17	\$10.90	\$9.75	\$9.11	\$0.00	\$59.93

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: LABORER							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	80.00	\$34.48	\$10.90	\$9.75	\$9.11	\$0.00	\$64.24
4	90.00	\$38.79	\$10.90	\$9.75	\$9.11	\$0.00	\$68.55
Apprentice to Journeyworker Ratio: 1:5							

LABORER (HEAVY & HIGHWAY)	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.21	\$0.00	\$72.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 6/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.00	\$10.90	\$9.75	\$9.21	\$0.00	\$54.86
2	70.00	\$29.16	\$10.90	\$9.75	\$9.21	\$0.00	\$59.02
3	80.00	\$33.33	\$10.90	\$9.75	\$9.21	\$0.00	\$63.19
4	90.00	\$37.49	\$10.90	\$9.75	\$9.10	\$0.00	\$67.24

Apprentice: LABORER (HEAVY & HIGHWAY)							
Effective Date: 12/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	60.00	\$25.86	\$10.90	\$9.75	\$9.21	\$0.00	\$55.72
2	70.00	\$30.17	\$10.90	\$9.75	\$9.21	\$0.00	\$60.03
3	80.00	\$34.48	\$10.90	\$9.75	\$9.21	\$0.00	\$64.34
4	90.00	\$38.79	\$10.90	\$9.75	\$9.21	\$0.00	\$68.65

Apprentice to Journeyworker Ratio: 1:5

LABORER: CARPENTER TENDER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

For apprentice rates see "Apprentice- LABORER"

LABORER: CEMENT FINISHER TENDER	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
LABORERS - ZONE 2	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76

For apprentice rates see "Apprentice- LABORER"

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORER: HAZARDOUS WASTE/ASBESTOS REMOVER LABORERS	6/1/2026	\$41.75	\$10.90	\$9.75	\$9.65	\$0.00	\$72.05
LABORERS - ZONE 2	12/7/2026	\$43.19	\$10.90	\$9.75	\$9.65	\$0.00	\$73.49
	6/7/2027	\$44.64	\$10.90	\$9.75	\$9.65	\$0.00	\$74.94
	12/6/2027	\$46.09	\$10.90	\$9.75	\$9.65	\$0.00	\$76.39
	6/5/2028	\$47.59	\$10.90	\$9.75	\$9.65	\$0.00	\$77.89
	12/4/2028	\$49.09	\$10.90	\$9.75	\$9.65	\$0.00	\$79.39
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
LABORER: MASON TENDER (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
LABORER: MULTI-TRADE TENDER LABORERS	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS - ZONE 2	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76
For apprentice rates see "Apprentice- LABORER"							
LABORER: TREE REMOVER LABORERS	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.11	\$0.00	\$71.42
LABORERS - ZONE 2	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.11	\$0.00	\$72.86
	6/1/2027	\$44.55	\$10.90	\$9.75	\$9.11	\$0.00	\$74.31
	12/1/2027	\$46.00	\$10.90	\$9.75	\$9.11	\$0.00	\$75.76
	6/1/2028	\$47.50	\$10.90	\$9.75	\$9.11	\$0.00	\$77.26
	12/1/2028	\$49.00	\$10.90	\$9.75	\$9.11	\$0.00	\$78.76
This classification applies to the removal of standing trees, and the trimming and removal of branches and limbs when related to public works construction or site clearance incidental to construction . For apprentice rates see "Apprentice- LABORER"							
LASER BEAM OPERATOR LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
LASER BEAM OPERATOR (HEAVY & HIGHWAY) LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS - ZONE 2 (HEAVY & HIGHWAY)	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
MARBLE & TILE FINISHERS	2/1/2026	\$52.08	\$12.84	\$15.57	\$5.78	\$0.00	\$86.27
BRICKLAYERS LOCAL 3	8/1/2026	\$53.84	\$12.84	\$15.57	\$5.78	\$0.00	\$88.03
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$54.96	\$12.84	\$15.57	\$5.78	\$0.00	\$89.15

Apprentice: MARBLE & TILE FINISHERS**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.04	\$12.84	\$15.57	\$5.78	\$0.00	\$60.23
2	60.00	\$31.25	\$12.84	\$15.57	\$5.78	\$0.00	\$65.44
3	70.00	\$36.46	\$12.84	\$15.57	\$5.78	\$0.00	\$70.65
4	80.00	\$41.66	\$12.84	\$15.57	\$5.78	\$0.00	\$75.85
5	90.00	\$46.87	\$12.84	\$15.57	\$5.78	\$0.00	\$81.06

Apprentice: MARBLE & TILE FINISHERS**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.92	\$12.84	\$15.57	\$5.78	\$0.00	\$61.11
2	60.00	\$32.30	\$12.84	\$15.57	\$5.78	\$0.00	\$66.49
3	70.00	\$37.69	\$12.84	\$15.57	\$5.78	\$0.00	\$71.88
4	80.00	\$43.07	\$12.84	\$15.57	\$5.78	\$0.00	\$77.26
5	90.00	\$48.46	\$12.84	\$15.57	\$5.78	\$0.00	\$82.65

Apprentice to Journeyworker Ratio: 1:5

MARBLE MASONS,TILELAYERS & TERRAZZO MECH	2/1/2026	\$67.97	\$12.84	\$15.57	\$7.99	\$0.00	\$104.37
BRICKLAYERS LOCAL 3	8/1/2026	\$70.17	\$12.84	\$15.57	\$7.99	\$0.00	\$106.57
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$71.57	\$12.84	\$15.57	\$7.99	\$0.00	\$107.97

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.99	\$12.84	\$15.57	\$7.99	\$0.00	\$70.39
2	60.00	\$40.78	\$12.84	\$15.57	\$7.99	\$0.00	\$77.18
3	70.00	\$47.58	\$12.84	\$15.57	\$7.99	\$0.00	\$83.98
4	80.00	\$54.38	\$12.84	\$15.57	\$7.99	\$0.00	\$90.78
5	90.00	\$61.17	\$12.84	\$15.57	\$7.99	\$0.00	\$97.57

Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH**Effective Date: 8/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$35.09	\$12.84	\$15.57	\$7.99	\$0.00	\$71.49

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																								
Apprentice: MARBLE MASONS,TILELAYERS & TERRAZZO MECH Effective Date: 8/1/2026 <table><thead><tr><th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr></thead><tbody><tr><td>2</td><td>60.00</td><td>\$42.10</td><td>\$12.84</td><td>\$15.57</td><td>\$7.99</td><td>\$0.00</td><td>\$78.50</td></tr><tr><td>3</td><td>70.00</td><td>\$49.12</td><td>\$12.84</td><td>\$15.57</td><td>\$7.99</td><td>\$0.00</td><td>\$85.52</td></tr><tr><td>4</td><td>80.00</td><td>\$56.14</td><td>\$12.84</td><td>\$15.57</td><td>\$7.99</td><td>\$0.00</td><td>\$92.54</td></tr><tr><td>5</td><td>90.00</td><td>\$63.15</td><td>\$12.84</td><td>\$15.57</td><td>\$7.99</td><td>\$0.00</td><td>\$99.55</td></tr></tbody></table> Apprentice to Journeyworker Ratio: 1:5								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50	3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52	4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54	5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																								
2	60.00	\$42.10	\$12.84	\$15.57	\$7.99	\$0.00	\$78.50																																								
3	70.00	\$49.12	\$12.84	\$15.57	\$7.99	\$0.00	\$85.52																																								
4	80.00	\$56.14	\$12.84	\$15.57	\$7.99	\$0.00	\$92.54																																								
5	90.00	\$63.15	\$12.84	\$15.57	\$7.99	\$0.00	\$99.55																																								
MECH. SWEEPER OPERATOR (ON CONST. SITES)	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49																																								
OPERATING ENGINEERS LOCAL 98																																															
OPERATING ENGINEERS LOCAL 98																																															
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																															
MECHANIC/WELDER/BOOM TRUCK	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96																																								
OPERATING ENGINEERS LOCAL 98																																															
OPERATING ENGINEERS LOCAL 98																																															
For apprentice rates see "Apprentice- OPERATING ENGINEERS"																																															
MILLWRIGHT (Zone 3)	1/5/2026	\$45.20	\$10.58	\$11.47	\$9.75	\$0.00	\$77.00																																								
MILLWRIGHTS LOCAL 1121																																															
MILLWRIGHTS LOCAL 1121 - Zone 3																																															
Apprentice: MILLWRIGHT (Zone 3) Effective Date: 1/5/2026 <table><thead><tr><th>Step</th><th>Percent</th><th>Apprentice Base Wage</th><th>Health</th><th>Pension</th><th>Annuity</th><th>Supplemental Unemployment</th><th>Total Rate</th></tr></thead><tbody><tr><td>1</td><td>55.00</td><td>\$24.86</td><td>\$10.58</td><td>\$0.00</td><td>\$5.36</td><td>\$0.00</td><td>\$40.80</td></tr><tr><td>2</td><td>65.00</td><td>\$29.38</td><td>\$10.58</td><td>\$0.00</td><td>\$6.34</td><td>\$0.00</td><td>\$46.30</td></tr><tr><td>3</td><td>75.00</td><td>\$33.90</td><td>\$10.58</td><td>\$11.47</td><td>\$7.31</td><td>\$0.00</td><td>\$63.26</td></tr><tr><td>4</td><td>85.00</td><td>\$38.42</td><td>\$10.58</td><td>\$11.47</td><td>\$8.29</td><td>\$0.00</td><td>\$68.76</td></tr></tbody></table> Apprentice Notes Step 1&2 Appr. indentured after 1/6/2020 receive no pension, Apprentice to Journeyworker Ratio: 1:4								Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate	1	55.00	\$24.86	\$10.58	\$0.00	\$5.36	\$0.00	\$40.80	2	65.00	\$29.38	\$10.58	\$0.00	\$6.34	\$0.00	\$46.30	3	75.00	\$33.90	\$10.58	\$11.47	\$7.31	\$0.00	\$63.26	4	85.00	\$38.42	\$10.58	\$11.47	\$8.29	\$0.00	\$68.76
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate																																								
1	55.00	\$24.86	\$10.58	\$0.00	\$5.36	\$0.00	\$40.80																																								
2	65.00	\$29.38	\$10.58	\$0.00	\$6.34	\$0.00	\$46.30																																								
3	75.00	\$33.90	\$10.58	\$11.47	\$7.31	\$0.00	\$63.26																																								
4	85.00	\$38.42	\$10.58	\$11.47	\$8.29	\$0.00	\$68.76																																								
MORTAR MIXER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67																																								
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11																																								
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56																																								
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01																																								
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51																																								
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01																																								
For apprentice rates see "Apprentice- LABORER"																																															
OILER	12/1/2023	\$35.02	\$13.78	\$12.15	\$3.00	\$0.00	\$63.95																																								
OPERATING ENGINEERS LOCAL 98																																															
OPERATING ENGINEERS LOCAL 98																																															

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
OTHER POWER DRIVEN EQUIPMENT - CLASS VI OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$32.74	\$13.78	\$12.15	\$3.00	\$0.00	\$61.67
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PAINTER (BRIDGES/TANKS) PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2	1/1/2026	\$59.56	\$10.35	\$12.00	\$12.50	\$0.00	\$94.41

Apprentice: PAINTER (BRIDGES/TANKS)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$29.78	\$10.35	\$0.00	\$0.00	\$0.00	\$40.13
2	55.00	\$32.76	\$10.35	\$0.00	\$6.93	\$0.00	\$50.04
3	60.00	\$35.74	\$10.35	\$0.00	\$7.56	\$0.00	\$53.65
4	65.00	\$38.71	\$10.35	\$0.00	\$8.19	\$0.00	\$57.25
5	70.00	\$41.69	\$10.35	\$12.00	\$8.82	\$0.00	\$72.86
6	75.00	\$44.67	\$10.35	\$12.00	\$9.45	\$0.00	\$76.47
7	80.00	\$47.65	\$10.35	\$12.00	\$10.08	\$0.00	\$80.08
8	90.00	\$53.60	\$10.35	\$12.00	\$11.34	\$0.00	\$87.29

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, NEW) *	1/1/2026	\$50.46	\$10.35	\$12.00	\$12.60	\$0.00	\$85.41
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER (SPRAY OR SANDBLAST, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$25.23	\$10.35	\$0.00	\$0.00	\$0.00	\$35.58
2	55.00	\$27.75	\$10.35	\$0.00	\$6.93	\$0.00	\$45.03
3	60.00	\$30.28	\$10.35	\$0.00	\$7.56	\$0.00	\$48.19
4	65.00	\$32.80	\$10.35	\$0.00	\$8.19	\$0.00	\$51.34
5	70.00	\$35.32	\$10.35	\$12.00	\$8.82	\$0.00	\$66.49
6	75.00	\$37.85	\$10.35	\$12.00	\$9.45	\$0.00	\$69.65
7	80.00	\$40.37	\$10.35	\$12.00	\$10.08	\$0.00	\$72.80
8	90.00	\$45.41	\$10.35	\$12.00	\$11.34	\$0.00	\$79.10

Apprentice to Journeyworker Ratio: 1:1

PAINTER (SPRAY OR SANDBLAST, REPAINT) PAINTERS LOCAL 35 PAINTERS LOCAL 35 - ZONE 2	1/1/2026	\$48.52	\$10.35	\$12.00	\$12.60	\$0.00	\$83.47

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER (SPRAY OR SANDBLAST, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.26	\$10.35	\$0.00	\$0.00	\$0.00	\$34.61
2	55.00	\$26.69	\$10.35	\$0.00	\$6.93	\$0.00	\$43.97
3	60.00	\$29.11	\$10.35	\$0.00	\$7.56	\$0.00	\$47.02
4	65.00	\$31.54	\$10.35	\$0.00	\$8.19	\$0.00	\$50.08
5	70.00	\$33.96	\$10.35	\$12.00	\$8.82	\$0.00	\$65.13
6	75.00	\$36.39	\$10.35	\$12.00	\$9.45	\$0.00	\$68.19
7	80.00	\$38.82	\$10.35	\$12.00	\$10.08	\$0.00	\$71.25
8	90.00	\$43.67	\$10.35	\$12.00	\$11.34	\$0.00	\$77.36

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, NEW) *	1/1/2026	\$49.06	\$10.35	\$12.00	\$12.60	\$0.00	\$84.01
* If 30% or more of surfaces to be painted are new construction, NEW paint rate shall be used.							
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER / TAPER (BRUSH, NEW) *							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$24.53	\$10.35	\$0.00	\$0.00	\$0.00	\$34.88
2	55.00	\$26.98	\$10.35	\$0.00	\$6.93	\$0.00	\$44.26
3	60.00	\$29.44	\$10.35	\$0.00	\$7.56	\$0.00	\$47.35
4	65.00	\$31.89	\$10.35	\$0.00	\$8.19	\$0.00	\$50.43
5	70.00	\$34.34	\$10.35	\$12.00	\$8.82	\$0.00	\$65.51
6	75.00	\$36.80	\$10.35	\$12.00	\$9.45	\$0.00	\$68.60
7	80.00	\$39.25	\$10.35	\$12.00	\$10.08	\$0.00	\$71.68
8	90.00	\$44.15	\$10.35	\$12.00	\$11.34	\$0.00	\$77.84

Apprentice to Journeyworker Ratio: 1:1

PAINTER / TAPER (BRUSH, REPAINT)	1/1/2026	\$47.12	\$10.35	\$12.00	\$12.60	\$0.00	\$82.07
PAINTERS LOCAL 35							
PAINTERS LOCAL 35 - ZONE 2							

Apprentice: PAINTER / TAPER (BRUSH, REPAINT)							
Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$23.56	\$10.35	\$0.00	\$0.00	\$0.00	\$33.91
2	55.00	\$25.92	\$10.35	\$0.00	\$6.93	\$0.00	\$43.20
3	60.00	\$28.27	\$10.35	\$0.00	\$7.56	\$0.00	\$46.18

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: PAINTER / TAPER (BRUSH, REPAINT) Effective Date: 1/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
4	65.00	\$30.63	\$10.35	\$0.00	\$8.19	\$0.00	\$49.17
5	70.00	\$32.98	\$10.35	\$12.00	\$8.82	\$0.00	\$64.15
6	75.00	\$35.34	\$10.35	\$12.00	\$9.45	\$0.00	\$67.14
7	80.00	\$37.70	\$10.35	\$12.00	\$10.08	\$0.00	\$70.13
8	90.00	\$42.41	\$10.35	\$12.00	\$11.34	\$0.00	\$76.10
Apprentice to Journeyworker Ratio: 1:1							
PAINTER TRAFFIC MARKINGS (HEAVY/HIGHWAY)	6/1/2026	\$41.66	\$10.90	\$9.75	\$9.21	\$0.00	\$71.52
LABORERS	12/1/2026	\$43.10	\$10.90	\$9.75	\$9.21	\$0.00	\$72.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
PANEL & PICKUP TRUCKS DRIVER	6/1/2026	\$41.78	\$16.17	\$21.78	\$0.00	\$0.00	\$79.73
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$41.78	\$16.17	\$23.52	\$0.00	\$0.00	\$81.47
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$41.78	\$16.77	\$23.52	\$0.00	\$0.00	\$82.07
PIER AND DOCK CONSTRUCTOR (UNDERPINNING AND DECK)	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
For apprentice rates see "Apprentice- PILE DRIVER"							
PILE DRIVER	8/1/2024	\$51.97	\$10.08	\$11.62	\$12.67	\$0.00	\$86.34
PILE DRIVER LOCAL 56							
PILE DRIVER LOCAL 56 (ZONE 2)							
Apprentice: PILE DRIVER Effective Date: 8/1/2024							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$23.39	\$10.08	\$0.00	\$2.53	\$0.00	\$36.00
2	55.00	\$28.58	\$10.08	\$0.00	\$5.07	\$0.00	\$43.73
3	70.00	\$36.38	\$10.08	\$11.62	\$7.60	\$0.00	\$65.68
4	80.00	\$41.58	\$10.08	\$11.62	\$10.14	\$0.00	\$73.42
Apprentice to Journeyworker Ratio: 1:5							
PIPELAYER	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
PIPELAYER (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

PLUMBER & PIPEFITTER	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							

Apprentice: PLUMBER & PIPEFITTER**Effective Date: 3/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	40.00	\$22.36	\$13.10	\$0.00	\$0.00	\$0.00	\$35.46
2	50.00	\$27.95	\$13.10	\$0.00	\$0.00	\$0.00	\$41.05
3	60.00	\$33.54	\$13.10	\$0.00	\$0.00	\$0.00	\$46.64
4	70.00	\$39.13	\$13.10	\$0.00	\$8.06	\$0.00	\$60.29
5	80.00	\$44.72	\$13.10	\$0.00	\$8.06	\$0.00	\$65.88

Apprentice to Journeyworker Ratio: 1:3

PNEUMATIC CONTROLS (TEMP.)	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							

For apprentice rates see "Apprentice- PIPEFITTER" or "PLUMBER/PIPEFITTER"

PNEUMATIC DRILL/TOOL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01

For apprentice rates see "Apprentice- LABORER"

PNEUMATIC DRILL/TOOL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

POWDERMAN & BLASTER	6/1/2026	\$42.66	\$10.90	\$9.75	\$9.11	\$0.00	\$72.42
LABORERS	12/1/2026	\$44.10	\$10.90	\$9.75	\$9.11	\$0.00	\$73.86
LABORERS - ZONE 2	6/1/2027	\$45.55	\$10.90	\$9.75	\$9.11	\$0.00	\$75.31
	12/1/2027	\$47.00	\$10.90	\$9.75	\$9.11	\$0.00	\$76.76
	6/1/2028	\$48.50	\$10.90	\$9.75	\$9.11	\$0.00	\$78.26
	12/1/2028	\$50.00	\$10.90	\$9.75	\$9.11	\$0.00	\$79.76

For apprentice rates see "Apprentice- LABORER"

POWDERMAN & BLASTER (HEAVY & HIGHWAY)	6/1/2026	\$42.66	\$10.90	\$9.75	\$9.21	\$0.00	\$72.52
LABORERS	12/1/2026	\$44.10	\$10.90	\$9.75	\$9.21	\$0.00	\$73.96
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							

For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
PUMP OPERATOR (CONCRETE) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.56	\$13.78	\$12.15	\$3.00	\$0.00	\$68.49
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
PUMP OPERATOR (DEWATERING, OTHER) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
READY-MIX CONCRETE DRIVER TEAMSTERS 170	2/2/2026	\$29.50	\$12.37	\$8.00	\$0.00	\$0.00	\$49.87
TEAMSTERS 170 -J.G.MacLellan (Lunenburg)	1/1/2027	\$30.00	\$12.37	\$8.00	\$0.00	\$0.00	\$50.37
RIDE-ON MOTORIZED BUGGY OPERATOR LABORERS	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS - ZONE 2	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
ROLLER OPERATOR OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg) ROOFERS LOCAL 33 ROOFERS LOCAL 33	2/1/2026	\$53.53	\$14.53	\$12.67	\$9.03	\$0.00	\$89.76

Apprentice: ROOFER (Inc.Roofers Waterproofing &Roofers Damproofg)**Effective Date: 2/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$26.77	\$14.53	\$6.52	\$9.03	\$0.00	\$56.85
2	60.00	\$32.12	\$14.53	\$12.67	\$9.03	\$0.00	\$68.35
3	65.00	\$34.79	\$14.53	\$12.67	\$9.03	\$0.00	\$71.02
4	75.00	\$40.15	\$14.53	\$12.67	\$9.03	\$0.00	\$76.38
5	85.00	\$45.50	\$14.53	\$12.67	\$9.03	\$0.00	\$81.73

Apprentice Notes**** 1:5, 2:6-10, the 1:10; Reroofing: 1:4, then 1:1****Apprentice to Journeyworker Ratio: 1:5**

ROOFER SLATE / TILE / PRECAST CONCRETE ROOFERS LOCAL 33 ROOFERS LOCAL 33	2/1/2026	\$53.78	\$14.53	\$12.67	\$9.03	\$0.00	\$90.01
For apprentice rates see "Apprentice- ROOFER"							

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
SCRAPER OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$39.03	\$13.78	\$12.15	\$3.00	\$0.00	\$67.96
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SELF-POWERED ROLLERS AND COMPACTORS (TAMPERS) OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SELF-PROPELLED POWER BROOM OPERATING ENGINEERS LOCAL 98 OPERATING ENGINEERS LOCAL 98	12/1/2023	\$35.80	\$13.78	\$12.15	\$3.00	\$0.00	\$64.73
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
SHEETMETAL WORKER SHEETMETAL WORKERS LOCAL 63 SHEETMETAL WORKERS LOCAL 63	7/1/2025	\$43.48	\$12.94	\$11.01	\$8.72	\$2.13	\$78.28
	7/1/2026	\$43.48	\$13.24	\$11.01	\$9.92	\$2.13	\$79.78
	1/1/2027	\$43.48	\$13.54	\$11.01	\$11.12	\$2.13	\$81.28
	7/1/2027	\$44.98	\$13.54	\$11.01	\$11.12	\$2.13	\$82.78
	1/1/2028	\$46.48	\$13.54	\$11.01	\$11.12	\$2.13	\$84.28

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2025**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.82	\$4.95	\$0.00	\$0.85	\$31.19
2	50.00	\$21.74	\$6.47	\$5.51	\$0.00	\$0.94	\$34.66
3	55.00	\$23.91	\$7.12	\$9.91	\$0.00	\$1.15	\$42.09
4	60.00	\$26.09	\$7.76	\$9.91	\$0.00	\$1.23	\$44.99
5	65.00	\$28.26	\$8.41	\$9.91	\$0.00	\$1.31	\$47.89
6	70.00	\$30.44	\$9.06	\$9.91	\$0.00	\$1.39	\$50.80
7	75.00	\$32.61	\$9.71	\$9.91	\$0.00	\$1.47	\$53.70
8	80.00	\$34.78	\$10.35	\$9.91	\$8.72	\$1.78	\$65.54
9	85.00	\$36.96	\$11.00	\$9.91	\$8.72	\$1.86	\$68.45
10	90.00	\$39.13	\$11.65	\$9.91	\$8.72	\$1.94	\$71.35

Apprentice: SHEETMETAL WORKER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	45.00	\$19.57	\$5.96	\$4.95	\$0.00	\$0.85	\$31.33
2	50.00	\$21.74	\$6.62	\$5.51	\$0.00	\$0.94	\$34.81
3	55.00	\$23.91	\$7.28	\$9.91	\$0.00	\$1.15	\$42.25
4	60.00	\$26.09	\$7.94	\$9.91	\$0.00	\$1.23	\$45.17
5	65.00	\$28.26	\$8.60	\$9.91	\$0.00	\$1.31	\$48.08
6	70.00	\$30.44	\$9.27	\$9.91	\$0.00	\$1.39	\$51.01
7	75.00	\$32.61	\$9.93	\$9.91	\$0.00	\$1.47	\$53.92
8	80.00	\$34.78	\$10.59	\$9.91	\$9.92	\$1.78	\$66.98
9	85.00	\$36.96	\$11.25	\$9.91	\$9.92	\$1.86	\$69.90

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: SHEETMETAL WORKER							
Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
10	90.00	\$39.13	\$11.92	\$9.91	\$9.92	\$1.94	\$72.82
Apprentice to Journeyworker Ratio: 1:3							
SPECIALIZED EARTH MOVING EQUIP < 35 TONS	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
SPECIALIZED EARTH MOVING EQUIP > 35 TONS	6/1/2026	\$42.53	\$16.17	\$21.78	\$0.00	\$0.00	\$80.48
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.53	\$16.17	\$23.52	\$0.00	\$0.00	\$82.22
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.53	\$16.77	\$23.52	\$0.00	\$0.00	\$82.82
SPRINKLER FITTER	4/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	7/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
SPRINKLER FITTERS LOCAL 669	10/1/2026	\$56.54	\$13.60	\$7.45	\$9.41	\$0.00	\$87.00
	1/1/2027	\$56.54	\$14.55	\$7.50	\$9.41	\$0.00	\$88.00
	4/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	7/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	10/1/2027	\$59.83	\$14.55	\$7.50	\$9.41	\$0.00	\$91.29
	1/1/2028	\$59.83	\$15.50	\$7.55	\$9.41	\$0.00	\$92.29

Apprentice: SPRINKLER FITTER**Effective Date: 4/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21

Apprentice: SPRINKLER FITTER**Effective Date: 7/1/2026**

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	43.00	\$28.36	\$9.64	\$0.00	\$0.00	\$0.00	\$38.00
2	48.00	\$31.66	\$9.64	\$0.00	\$0.00	\$0.00	\$41.30

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: SPRINKLER FITTER Effective Date: 7/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	52.00	\$34.29	\$13.60	\$7.45	\$1.15	\$0.00	\$56.49
4	56.00	\$36.93	\$13.60	\$7.45	\$1.15	\$0.00	\$59.13
5	59.00	\$38.91	\$13.60	\$7.45	\$1.40	\$0.00	\$61.36
6	64.00	\$42.21	\$13.60	\$7.45	\$1.40	\$0.00	\$64.66
7	68.00	\$44.85	\$13.60	\$7.45	\$1.40	\$0.00	\$67.30
8	72.00	\$47.48	\$13.60	\$7.45	\$1.40	\$0.00	\$69.93
9	76.00	\$50.12	\$13.60	\$7.45	\$1.40	\$0.00	\$72.57
10	80.00	\$52.76	\$13.60	\$7.45	\$1.40	\$0.00	\$75.21
Apprentice to Journeyworker Ratio: 1:1							
TERRAZZO FINISHERS	2/1/2026	\$66.89	\$12.84	\$15.57	\$8.02	\$0.00	\$103.32
BRICKLAYERS LOCAL 3	8/1/2026	\$69.09	\$12.84	\$15.57	\$8.02	\$0.00	\$105.52
BRICKLAYERS LOCAL 3 - MARBLE & TILE	2/1/2027	\$70.49	\$12.84	\$15.57	\$8.02	\$0.00	\$106.92
Apprentice: TERRAZZO FINISHERS Effective Date: 2/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$33.45	\$12.84	\$15.57	\$8.02	\$0.00	\$69.88
2	60.00	\$40.13	\$12.84	\$15.57	\$8.02	\$0.00	\$76.56
3	70.00	\$46.82	\$12.84	\$15.57	\$8.02	\$0.00	\$83.25
4	80.00	\$53.51	\$12.84	\$15.57	\$8.02	\$0.00	\$89.94
5	90.00	\$60.20	\$12.84	\$15.57	\$8.02	\$0.00	\$96.63
Apprentice: TERRAZZO FINISHERS Effective Date: 8/1/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$34.55	\$12.84	\$15.57	\$8.02	\$0.00	\$70.98
2	60.00	\$41.45	\$12.84	\$15.57	\$8.02	\$0.00	\$77.88
3	70.00	\$48.36	\$12.84	\$15.57	\$8.02	\$0.00	\$84.79
4	80.00	\$55.27	\$12.84	\$15.57	\$8.02	\$0.00	\$91.70
5	90.00	\$62.18	\$12.84	\$15.57	\$8.02	\$0.00	\$98.61
Apprentice to Journeyworker Ratio: 1:5							
TEST BORING DRILLER	6/1/2026	\$53.25	\$10.90	\$9.75	\$9.80	\$0.00	\$83.70
LABORERS	12/1/2026	\$54.75	\$10.90	\$9.75	\$9.80	\$0.00	\$85.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TEST BORING DRILLER HELPER	6/1/2026	\$49.37	\$10.90	\$9.75	\$9.80	\$0.00	\$79.82
LABORERS	12/1/2026	\$50.87	\$10.90	\$9.75	\$9.80	\$0.00	\$81.32

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TEST BORING LABORER	6/1/2026	\$49.25	\$10.90	\$9.75	\$9.80	\$0.00	\$79.70
LABORERS	12/1/2026	\$50.75	\$10.90	\$9.75	\$9.80	\$0.00	\$81.20
LABORERS - FOUNDATION AND MARINE							
For apprentice rates see "Apprentice- LABORER"							
TRACTORS	12/1/2023	\$38.42	\$13.78	\$12.15	\$3.00	\$0.00	\$67.35
OPERATING ENGINEERS LOCAL 98							
OPERATING ENGINEERS LOCAL 98							
For apprentice rates see "Apprentice- OPERATING ENGINEERS"							
TRAILERS FOR EARTH MOVING EQUIPMENT	6/1/2026	\$42.82	\$16.17	\$21.78	\$0.00	\$0.00	\$80.77
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.82	\$16.17	\$23.52	\$0.00	\$0.00	\$82.51
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.82	\$16.77	\$23.52	\$0.00	\$0.00	\$83.11
TUNNEL WORK - COMPRESSED AIR	6/1/2026	\$61.48	\$10.90	\$9.75	\$10.25	\$0.00	\$92.38
LABORERS	12/1/2026	\$62.98	\$10.90	\$9.75	\$10.25	\$0.00	\$93.88
LABORERS (COMPRESSED AIR)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - COMPRESSED AIR (HAZ. WASTE)	6/1/2026	\$63.48	\$10.90	\$9.75	\$10.25	\$0.00	\$94.38
LABORERS	12/1/2026	\$64.98	\$10.90	\$9.75	\$10.25	\$0.00	\$95.88
LABORERS (COMPRESSED AIR)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR	6/1/2026	\$53.55	\$10.90	\$9.75	\$10.25	\$0.00	\$84.45
LABORERS	12/1/2026	\$55.05	\$10.90	\$9.75	\$10.25	\$0.00	\$85.95
LABORERS (FREE AIR TUNNEL)							
For apprentice rates see "Apprentice- LABORER"							
TUNNEL WORK - FREE AIR (HAZ. WASTE)	6/1/2026	\$55.55	\$10.90	\$9.75	\$10.25	\$0.00	\$86.45
LABORERS	12/1/2026	\$57.05	\$10.90	\$9.75	\$10.25	\$0.00	\$87.95
LABORERS (FREE AIR TUNNEL)							
For apprentice rates see "Apprentice- LABORER"							
VAC-HAUL	6/1/2026	\$42.24	\$16.17	\$21.78	\$0.00	\$0.00	\$80.19
TEAMSTERS JOINT COUNCIL NO. 10	12/1/2026	\$42.24	\$16.17	\$23.52	\$0.00	\$0.00	\$81.93
TEAMSTERS JOINT COUNCIL NO. 10 ZONE B	1/1/2027	\$42.24	\$16.77	\$23.52	\$0.00	\$0.00	\$82.53
VOICE-DATA-VIDEO TECHNICIAN	9/7/2025	\$36.12	\$14.98	\$13.94	\$3.97	\$0.00	\$69.01
ELECTRICIANS LOCAL 96	9/6/2026	\$37.04	\$15.96	\$14.20	\$4.07	\$0.00	\$71.27
ELECTRICIANS LOCAL 96							

Apprentice: VOICE-DATA-VIDEO TECHNICIAN

Effective Date: 9/7/2025

Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.06	\$14.98	\$0.54	\$3.97	\$0.00	\$37.55
2	55.00	\$19.87	\$14.98	\$0.60	\$3.97	\$0.00	\$39.42

Construction

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
Apprentice: VOICE-DATA-VIDEO TECHNICIAN							
Effective Date: 9/7/2025							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
3	60.00	\$21.67	\$14.98	\$13.51	\$3.97	\$0.00	\$54.13
4	65.00	\$23.48	\$14.98	\$13.56	\$3.97	\$0.00	\$55.99
5	70.00	\$25.28	\$14.98	\$13.62	\$3.97	\$0.00	\$57.85
6	75.00	\$27.09	\$14.98	\$13.67	\$3.97	\$0.00	\$59.71
7	80.00	\$28.90	\$14.98	\$13.73	\$3.97	\$0.00	\$61.58
8	85.00	\$30.70	\$14.98	\$13.78	\$3.97	\$0.00	\$63.43
Apprentice: VOICE-DATA-VIDEO TECHNICIAN							
Effective Date: 9/6/2026							
Step	Percent	Apprentice Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
1	50.00	\$18.52	\$15.96	\$0.56	\$4.07	\$0.00	\$39.11
2	55.00	\$20.37	\$15.96	\$0.61	\$4.07	\$0.00	\$41.01
3	60.00	\$22.22	\$15.96	\$13.76	\$4.07	\$0.00	\$56.01
4	65.00	\$24.08	\$15.96	\$13.81	\$4.07	\$0.00	\$57.92
5	70.00	\$25.93	\$15.96	\$13.87	\$4.07	\$0.00	\$59.83
6	75.00	\$27.78	\$15.96	\$13.92	\$4.07	\$0.00	\$61.73
7	80.00	\$29.63	\$15.96	\$13.98	\$4.07	\$0.00	\$63.64
8	85.00	\$31.48	\$15.96	\$14.03	\$4.07	\$0.00	\$65.54
Apprentice to Journeyworker Ratio: 1:1							
WAGON DRILL OPERATOR	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.11	\$0.00	\$71.67
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.11	\$0.00	\$73.11
LABORERS - ZONE 2	6/1/2027	\$44.80	\$10.90	\$9.75	\$9.11	\$0.00	\$74.56
	12/1/2027	\$46.25	\$10.90	\$9.75	\$9.11	\$0.00	\$76.01
	6/1/2028	\$47.75	\$10.90	\$9.75	\$9.11	\$0.00	\$77.51
	12/1/2028	\$49.25	\$10.90	\$9.75	\$9.11	\$0.00	\$79.01
For apprentice rates see "Apprentice- LABORER"							
WAGON DRILL OPERATOR (HEAVY & HIGHWAY)	6/1/2026	\$41.91	\$10.90	\$9.75	\$9.21	\$0.00	\$71.77
LABORERS	12/1/2026	\$43.35	\$10.90	\$9.75	\$9.21	\$0.00	\$73.21
LABORERS - ZONE 2 (HEAVY & HIGHWAY)							
For apprentice rates see "Apprentice- LABORER (Heavy and Highway)"							
WATER METER INSTALLER	3/1/2026	\$55.90	\$13.10	\$9.71	\$8.06	\$0.00	\$86.77
PLUMBERS LOCAL 4							
PLUMBERS LOCAL 4							
For apprentice rates see "Apprentice- PLUMBER/PIPEFITTER" or "PLUMBER/GASFITTER"							

Marine Drilling

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BLASTER MARINE DRILLING MARINE DRILLING	1/1/2018	\$41.82	\$7.63	\$2.35	\$1.25	\$0.00	\$53.05
BOAT CAPTAIN MARINE DRILLING MARINE DRILLING	1/1/2018	\$33.87	\$7.63	\$2.35	\$0.95	\$0.00	\$44.80
BOAT CAPTAIN / Over 1,000 hp MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.06	\$7.63	\$2.35	\$1.25	\$0.00	\$49.29
CORE DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$31.43	\$7.63	\$2.25	\$0.65	\$0.00	\$41.96
CORE DRILLER HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$28.47	\$7.63	\$2.35	\$0.65	\$0.00	\$39.10
DRILLER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.70	\$7.63	\$2.35	\$1.25	\$0.00	\$50.93
ENGINEER MARINE DRILLING MARINE DRILLING	1/1/2018	\$39.69	\$7.63	\$2.25	\$1.25	\$0.00	\$50.82
HELPER MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
MACHINIST MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81
OILER - MARINE DRILLING MARINE DRILLING MARINE DRILLING	1/1/2018	\$34.24	\$7.63	\$2.35	\$0.65	\$0.00	\$44.87
TUG DECKHAND MARINE DRILLING MARINE DRILLING	1/1/2018	\$27.61	\$7.63	\$2.35	\$0.65	\$0.00	\$38.24
WELDER MARINE DRILLING MARINE DRILLING	1/1/2018	\$38.88	\$7.63	\$2.35	\$0.95	\$0.00	\$49.81

Op Eng Marine (Dredging Work)

Classification	Effective Date	Base Wage	Health	Pension	Annuity	Supplemental Unemployment	Total Rate
BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$29.26	\$7.63	\$2.35	\$0.95	\$0.00	\$40.19
CERTIFIED WELDER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$31.09	\$7.63	\$2.35	\$1.25	\$0.00	\$42.32
CHIEF WELDER/ CHIEF MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DERRICK / SPIDER / SPILLBARGE OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
DRAG BARGE OPERATOR / WELDER / MATE OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$30.24	\$7.63	\$2.35	\$0.95	\$0.00	\$41.17
ENGINEER / ELECTRICIAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED BOAT OPERATOR OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.02	\$7.63	\$2.35	\$1.25	\$0.00	\$44.25
LICENSED TUG OPERATOR OVER 1000HP OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
MAINTENANCE ENGINEER OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$33.03	\$7.63	\$2.35	\$1.25	\$0.00	\$44.26
OILER - MARINE DIVISION OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
OPERATOR / LEVERMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$38.18	\$7.63	\$2.35	\$1.25	\$0.00	\$49.41
RODMAN / SCOWMAN OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93
SHOREMAN / DECKHAND OPERATING ENGINEERS LOCAL 4 OPERATING ENGINEERS - MARINE DIVISION	10/1/2017	\$24.30	\$7.63	\$2.35	\$0.65	\$0.00	\$34.93

Additional Apprentice Information

All apprentices must be registered with the Division of Apprenticeship Training(DAS) in accordance with M.G.L.c. 23, §§ 11E-11L. Minimum wage rates for apprentices employed on public works projects are listed above as a percentage of the hourly prevailing wage rate established by the Commissioner under the provisions of M.G.L.c. 149, §§ 26-27D.

Apprentice ratios are established by DAS pursuant to M.G.L.c. 23, §§ 11E-11L. Ratios are expressed as the allowable number of apprentices to journeymen or fraction thereof, unless otherwise specified. The ratios listed herein have been taken from relevant private collective bargaining agreements(CBAs) and are provided for illustrative purposes only. They have not been independently verified as being accurate or continuing to be accurate.

Parties having questions regarding what ratio to use should contact DAS.

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DOCUMENT A00801

SPECIAL PROVISIONS**DISTRICT 2****GILL-NORTHFIELD-ROYALSTON-WINCHENDON****Maintenance and Preservation of Municipal Bridges at Multiple Locations
(D2 Contract 1)**

Labor participation goals for this Project shall be 15.3% for minorities and 6.9% for women for each job category. The goals are applicable to both Contractor's and Subcontractor's on-site construction workforce. Refer to Document 00820 for details.

SCOPE OF WORK

All work under this Contract shall be done in conformance with the *2026 Standard Specifications for Highways and Bridges*, the *Supplemental Specifications* contained in this book, the *Construction Standard Details* in effect as of May 2026, the *1990 Standard Drawings for Signs and Supports*, the *2015 Overhead Signal Structure and Foundation Standard Drawings*, the *11th Edition of the Manual on Uniform Traffic Control Devices (MUTCD)* and the *January 2026 Massachusetts Amendments to the MUTCD*, the *1968 Standard Drawings for Traffic Signals and Highway Lighting*, the latest edition of *The American Standard for Nursery Stock*, the Plans and these Special Provisions.

The work under this Contract consists of rehabilitating four (4) municipal bridges in District 2. The bridges included in this scope are as follows:

- Bridge No. G-04-011 (0PY) carrying North Cross Road over Dry Brook, Gill
- Bridge No. N-22-009 (0MW) carrying Warwick Road over Mill Brook, Northfield
- Bridge No. R-12-013 (167) carrying Winchendon Road over Priest Brook, Royalston
- Bridge No. W-39-006 (181) carrying Brown Street over Millers River, Winchendon

Bridge No. G-04-011 (0PY) is a single 22'-4" span steel beam bridge built in 1940. It has five beams with a 6.5" thick non-composite concrete deck supported on two unreinforced concrete abutments. The existing roadway width is 20'-0" curb-to-curb with an out-to-out width of 23'-6". There are no sidewalks on the bridge. The deck is in "Good" condition with a few scattered hairline cracks on the underside. The superstructure is in "Poor" condition based on section loss to the beam ends. The substructure is in "Satisfactory" condition with minor scaling and abrasion.

Bridge N-22-009 (0MW) is a single 26'-5" span steel beam bridge built in 1937. It has eight beams with a 7" thick non-composite concrete deck supported on two concrete gravity abutments. The existing roadway width is 24'-0" curb-to-curb with an out-to-out width of 32'-2". There is a single 5'-6" gravel sidewalk on the north side of the bridge. The deck is in "Satisfactory" condition with a few scattered hairline cracks and shallow cover spalls on the underside. The superstructure is in "Fair" condition based on section loss to several beam ends. The substructure is in "Satisfactory" condition with several small spalls and a wide vertical crack in each abutment breastwall.

SCOPE OF WORK (Continued)

Bridge R-12-013 (167) is a single 31'-0" span steel beam bridge built in 1937. It has five beams with an 8 3/4" thick non-composite concrete deck supported on two concrete gravity abutments. The existing roadway width is 24'-0" curb-to-curb with an out-to-out width of 27'-10". There are no sidewalks on the bridge. The deck is in "Satisfactory" condition with a few scattered hairline cracks on the underside. The superstructure is in "Poor" condition based on section loss to the beam ends. There are currently barriers in place that remove the load from the exterior beams. The substructure is in "Fair" condition with scaling and spalling, mainly below the bridge seats.

Bridge W-39-006 (181) is a single 63'-4" span steel beam bridge built in 1964. It has seven beams with a 7" thick composite concrete deck supported on two concrete stub abutments. The existing roadway width is 24'-0" curb-to-curb with an out-to-out width of 33'-10". There is a single 5'-0" sidewalk on the west side of the bridge. The deck is in "Good" condition with no notable deficiencies. The superstructure is in "Poor" condition based on section loss to several beam ends. The substructure is in "Satisfactory" condition with several cracking, hollow areas and cracking in each abutment breastwall, mostly at the bridge seats.

The project includes repairs to the superstructures consisting of beam-end web and flange repairs using bolted plates and angles, replacement of the substandard railings, repairs to the substructure, and temporary traffic control.

All work shall be performed within, and accessed by, existing State, or Town roadway layouts. No rights to enter on or occupy private property have been acquired for this project.

CONTRACTOR QUESTIONS AND ADDENDUM ACKNOWLEDGEMENTS

Prospective bidders are required to submit all questions to the Construction Contracts Engineer by 3:00 P.M. on the Tuesday of the previous week before the scheduled bid opening date. Any questions received after this time will not be considered for review by the Department.

Contractors should email questions and addendum acknowledgements to the following email address massdotSpecifications@dot.state.ma.us. The MassDOT proposal number and municipality is to be placed in the subject line.

SCHEDULE OF WORK

All proposed work hours shall conform to Subsection 7.09 and be subject to the written approval of the Engineer.

Work schedule during the day shall be based on a normal 8-hour day, 5 days week (Monday to Friday).

The Contractor may schedule shifts longer than 8-hours with prior approval by the Engineer. No additional compensation will be made for work scheduled during nighttime or longer working hours. These time periods include the "set-up" and "breakdown" of any temporary traffic control pattern employed.

SCHEDULE OF WORK (Continued)

MassDOT has determined that the Contractor shall schedule work to expedite bridge work with a minimum disruption to road users and minimal impact to environmental resources while providing work zone safety. As a result, the Contractor is encouraged to perform concurrent work to facilitate on-time, on-budget project completion.

The Contractor shall schedule work to ensure the final coat of paint is not damaged by other operations. Any damage to coatings due to other Contractor's operations shall be repaired at the Contractor's expense.

The Contractor shall pursue all reasonable means to minimize road closures by ensuring that all required work is being performed simultaneously. This shall include but is not limited to railing and curb demolition, curb and railing installation, steel beam end repairs, and armored joint repair.

The Contractor shall have the option to perform the substructure repairs outside of proposed periods of roadway closure with approval by the Engineer. Work performed outside of proposed periods of roadway closure shall be done in temporary lane closures during normal working hours.

The Contractor shall schedule operations such that any beam requiring temporary support or jacking shall be performed efficiently and will be paid once per location. This may require concurrent substructure and superstructure repairs.

SUBSECTION 8.06 LIMITATIONS OF OPERATIONS

Add/amend the following at the end of the Section:

Access Restraints:

An Access Restraint is a restriction of physical work, of a specific area or operation in the Contract, to allow all bidders to evaluate anticipated work restrictions, equally, during the pre-bid planning stages.

This Contract contains the following Access Restraints that shall be included in the Contractor's Baseline Schedule submission, in accordance with the terms and conditions of the Contract that identifies the Access Restraints noted below:

- **AR#1 – Access Restraint #02:** The Contractor shall use one lane alternating staged construction for Bridge Structure Number R-12-013 (167), Winchendon Road in Royalston.
- **AR#2 – Access Restraint #03:** The Contractor shall use one lane alternating staged construction for Bridge Structure Number N-22-009 (0MW), Warwick Road in Northfield.

SUBSECTION 8.06 LIMITATIONS OF OPERATIONS (Continued)E**Work Restrictions:**

Additionally, this Contract contains the following work restrictions:

- Bridge Structure Numbers G-04-011 (0PY) and W-39-006 (181) shall be closed to traffic, to accomplish the work described to repair and reopen the bridge to traffic.
- Proposed work must be completed in one construction season; no set ups are to be in place during winter shutdowns.
- All work must be scheduled and coordinated with the respective municipalities. The municipalities must be notified a minimum of 30 days prior to the commencing work.
- Each long-term temporary traffic control shall be in place no longer than 8 weeks.

HOLIDAY WORK RESTRICTIONS

(Supplementing Subsection 7.09)

The District Highway Director (DHD) may authorize work to continue during these specified time periods if it is determined by the District that the work will not negatively impact the traveling public. DHD may allow work in those areas on a case by case basis and where work is behind barrier and will not impact traffic

Below are the holiday work restrictions:

New Years Day (Federal Holiday)

No work on major arterial roadways from 5:00 AM on the day before until the normal start of business on the next subsequent business day. No work on local roadways on the holiday without permission by the DHD and the local police chief.

Martin Luther King's Birthday (Federal Holiday)

No work restrictions due to traffic concerns, however work on local roadways requires permission by the DHD and local police chief.

President's Day (Federal Holiday)

No work restrictions due to traffic concerns, however work on local roadways requires permission by the DHD and local police chief.

Evacuation Day (Suffolk County State Holiday)

No work restrictions due to traffic concerns.

Patriot's Day (State Holiday)

Work restrictions will be in place for Districts 3 and 6 along the entire Boston Marathon route and any other locations that the DHD in those districts determine are warranted so as to not to impact the marathon. All other districts work restrictions will be as per DHD.

Mother's Day

No work on Western Turnpike and Metropolitan Highway System from 5:00 AM on the Friday before, until the normal start of business on the following day.

HOLIDAY WORK RESTRICTIONS (Continued)**Memorial Day (Federal Holiday)**

No work on major arterial roadways from 5:00 AM on the Friday before, until the normal start of business on the following day.

Bunker Hill Day (Suffolk County State Holiday)

No work restrictions due to traffic concerns.

Juneteenth

No work restrictions due to traffic concerns, however work on local roadways requires permission by the DHD and local police chief.

Independence Day (Federal Holiday)

No work on major arterial roadways from 5:00 AM on the day before until the normal start of business on the next subsequent business day. No work on local roadways on the holiday without permission by the DHD and the local police chief.

Labor Day (Federal Holiday)

No work on major arterial roadways from 5:00 AM on the Friday before, until the normal start of business on the following day.

Columbus Day (Federal Holiday)

No work on major arterials from 5:00 AM on the Friday before, until the normal start of business on the following day

Veterans' Day (Federal Holiday)

No work restrictions due to traffic concerns.

Thanksgiving Day (Federal Holiday)

No work on major arterials from 5:00 AM two days before until the normal start of business on the following Monday.

Christmas Day (Federal Holiday)

No work on major arterial roadways from 5:00 AM on the day before until the normal start of business on the next subsequent business day.

SUBSECTION 8.02 SCHEDULE OF OPERATIONS

Replace this subsection with the following:

An integrated cost and schedule controls program shall be implemented by the Contractor to track and document the progress of the Work from Notice to Proceed (NTP) through the Contractor Field Completion (CFC) Milestone. The Contractor's schedules will be used by the Engineer to monitor project progress, plan the level-of-effort required by the Department's work force and consultants and as a critical decision-making tool. Accordingly, the Contractor shall ensure that it complies fully with the requirements specified herein and that its schedules are both accurate and updated as required by the specification throughout the life of the project. Detailed requirements are provided in Division II, Section 722 Construction Scheduling.

SUBSECTION 8.14 UTILITY COORDINATION, DOCUMENTATION, AND MONITORING RESPONSIBILITIES

A. GENERAL

In accordance with the provisions of Section 8.00 Prosecution and Progress, utility coordination is a critical aspect to this Contract. This section defines the responsibility of the Contractor and MassDOT, with regard to the initial utility relocation plan and changes that occur as the prosecution of the Work progresses. The Engineer, with assistance from the Contractor shall coordinate with Utility companies that are impacted by the Contractor's operations. To support this effort, the Contractor shall provide routine and accurate schedule updates, provide notification of delays, and provide documentation of the steps taken to resolve any conflicts for the temporary and/or permanent relocations of the impacted utilities. The Contractor shall provide copies to the Engineer of the Contractor communication with the Utility companies, including but not limited to:

- Providing advanced notice, for all utility-related meetings initiated by the Contractor.
- Providing meeting minutes for all utility-related meetings that the Contractor attends.
- Providing all test pit records.
- Request for Early Utility work requirements of this section (see below).
- Notification letters for any proposed changes to Utility start dates and/or sequencing.
- Written notification to the Engineer of all apparent utility delays within seven (7) Calendar Days after a recognized delay to actual work in the field – either caused by a Utility or the Contractor.
- Any communication, initiated by the Contractor, associated with additional Right-of-Way needs in support of utility work.
- Submission of completed Utility Completion Forms.

B. PROJECT UTILITY COORDINATION (PUC) FORM

The utility schedule and sequence information provided in the Project Utility Coordination Form (if applicable) is the best available information at the time of the bid and has been considered in setting the contract duration. The Contractor shall use all of this information in developing the bid price and the Baseline Schedule Submission, inclusive of the individual utility durations sequencing requirements, and any work that has been noted as potentially concurrent utility installations.

C. INITIATION OF UTILITY WORK

The Engineer will issue all initial notice-to-proceed dates to each Utility company based on either the:

- 1) Contractor's accepted Baseline Schedule
- 2) An approved Early Utility Request in the form of an Early Utility sub-net schedule (in accordance with the requirements of this Subsection)
- 3) An approved Proposal Schedule

C.1 - BASELINE SCHEDULE – UTILITY BASIS

The Contractor shall provide a Baseline Schedule submission in accordance with the requirements of Subsection 8.02 and inclusive of all of the information provided in the PUC Form that has been issued in the Contract documents. This is to include the utility durations, sequencing of work, allowable concurrent work, and all applicable considerations that have been depicted on the PUC Form.

SUBSECTION 8.14 (Continued)

C.2 – EARLY UTILITY REQUEST – (aka SUBNET SCHEDULE) PRIOR TO THE BASELINE
All early utility work is defined as any anticipated/required utility relocations that need to occur prior to the Baseline Schedule acceptance. In all cases of proposed early utility relocation, the Contractor shall present all known information at the pre-construction conference in the form of a ‘sub-net’ schedule showing when each early utility activity needs to be issued a notice-to-proceed. The Contractor shall provide advance notification of this intent to request early utility work in writing at or prior to the Pre-Construction meeting. Prior to officially requesting approval for early utility work, the Contractor shall also coordinate with MassDOT and all utility companies (private, state or municipal) which may be impacted by the Contract. If this request is acceptable to the Utilities and to MassDOT, the Engineer will issue a notice-to-proceed to the affected Utilities, based on these accepted dates.

C.3 – PROPOSAL SCHEDULE - CHANGES TO THE PUC FORM

If the Contractor intends to submit a schedule (in accordance with MassDOT Standard Specifications, Division I, Subsection 8.02) that contains durations or sequencing that vary from those provided in the Project Utility Coordination (PUC) Form, the Contractor must submit this as an intended change, in the form of a Proposal Schedule and in accordance with MassDOT Standard Specifications, Division I, Subsection 8.02. These proposed changes are subject to the approval of the Engineer and the impacted utilities, in the form of this Proposal Schedule and a proposed revision to the PUC form. The Contractor shall not proceed with any changes of this type without written authorization from the Engineer, that references the approved Proposal Schedule and PUC form changes. The submission of the Baseline Schedule should not include any of these types of proposed utility changes and should not delay the submission of the Baseline Schedule. As a prerequisite to the Proposal Schedule submission, and in advance of the utility notification(s) period, the Contractor shall coordinate the proposed utility changes with the Engineer and the utility companies, to develop a mutually agreed upon schedule, prior to the start of construction.

D. UTILITY DELAYS

The Contractor shall notify the Engineer upon becoming aware that a Utility owner is not advancing the work in accordance with the approved utility schedule. Such notice shall be provided to the Engineer no later than seven (7) calendar days after the occurrence of the event that the Contractor believes to be a utility delay. After such notice, the Engineer and the Contractor shall continue to diligently seek the Utility Owner’s cooperation in performing their scope of Work.

In order to demonstrate that a critical path delay has been caused by a third-party Utility, the Contractor must demonstrate, through the requirements of the monthly Progress Schedule submissions and the supporting contract records associated with Subsection 8.02, 8.10 and 8.14, that the delays were beyond the control of the Contractor.

SUBSECTION 8.14 (Continued)

All documentation provided in this section is subject to the review and verification of the Engineer and, if required, the Utility Owner. In accordance with MassDOT Specifications, Division I, Subsection 8.10, a Time Extension will be granted for a delay caused by a Utility, only if the actual duration of the utility work is in excess of that shown on the Project Utility Coordination Form, and only if;

- 1) proper Notification of Delay was provided to MassDOT in accordance with the time requirements that are specified in this Section
- 2) the utility delay is a critical path impact to the Baseline Schedule (or most recently approved Progress Schedule)

E. LOCATION OF UTILITIES

The locations of existing utilities are shown on the Contract drawings as an approximation only. The Contractor shall perform a pre-construction utility survey, including any required test pits, to determine the location of all known utilities no later than thirty (30) calendar days before commencing physical site work in the affected area.

F. POST UTILITY SURVEY – NOTIFICATION

Following completion of a utility survey of existing locations, the Contractor will be responsible to notify the Engineer of any known conflicts associated with the actual location of utilities prior to the start of the work. The Engineer and the Contractor will coordinate with any utility whose assets are to be affected by the Work of this Contract. A partial list of utility contact information is provided in the Project Utility Coordination Form.

G. MEETINGS AND COOPERATION WITH UTILITY OWNERS

The Contractor shall notify the Engineer in advance of any meeting they initiate with a Utility Owner's representative to allow MassDOT to participate in the meeting if needed.

Prior to the Pre-Construction Meeting, the Contractor should meet with all Utility Owners who will be required to perform utility relocations within the first 6 months of the project, to update the affected utilities of the Project Utility Coordination Form and all other applicable Contract requirements that impact the Utilities. The Contractor shall copy the Engineer on any correspondence between the Utility Owner and the Contractor.

H. FORCE ACCOUNT / UTILITY MONITORING REQUIREMENTS

The Engineer will be responsible for recording daily Utility work force reports. The start, suspension, re-start, and completion dates of each of the Utilities, within each phase of the utility relocation work, will be monitored and agreed to by the Engineer and the Contractor as the work progresses.

I. ACCESS AND INSPECTION

The Contractor shall be responsible for allowing Utility owners access to their own utilities to perform the relocations and/or inspections. The Contractor shall schedule their work accordingly so as not to delay or prevent each utility from maintaining their relocation schedule.

COMPLIANCE WITH THE NATIONAL DEFENSE AUTHORIZATION ACT
(Supplementing Subsection 7.01)

On all projects, the “Prohibition on Certain Telecommunications and Video Surveillance Services or Equipment” Regulation (2 CFR 200.216) prohibits the Contractor from using or furnishing the following telecommunications equipment or services:

- Telecommunications equipment produced by Huawei Technologies Company or ZTE Corporation (or any subsidiary or affiliate of such entities).
- For the purpose of public safety, security of government facilities, physical security surveillance of critical infrastructure, and other national security purposes, video surveillance and telecommunications equipment produced by Hytera Communications Corporation, Hangzhou Hikvision Digital Technology Company, or Dahua Technology Company (or any subsidiary or affiliate of such entities).
- Telecommunications or video surveillance services provided by such entities or using such equipment.
- Telecommunications or video surveillance equipment or services produced or provided by an entity that the Secretary of Defense, in consultation with the Director of the National Intelligence or the Director of the Federal Bureau of Investigation, reasonably believes to be an entity owned or controlled by, or otherwise connected to, the government of a covered foreign country.

This prohibition applies to all products manufactured by the aforementioned companies, including any individual components or parts.

By submitting a bid on a project, the Contractor certifies that all work will be in compliance with the terms of 2 CFR 200.216. The Contractor shall submit a COC indicating compliance with the above provisions for all telecommunications equipment or services included in the Contract.

Payment for the item in which the materials are incorporated may be withheld until these COCs are received. Any cost involved in furnishing the certificate(s) shall be borne by the Contractor.

PREPARATION OF CONCRETE SURFACES

All concrete surfaces to be patched shall be roughened, cleaned of all laitance, dirt, grease, oil, other contaminants, and all standing water. All reinforcing steel encountered in the excavation shall be thoroughly cleaned by abrasive blasting before being covered with new concrete.

With approval of the Engineer, the Contractor may choose one of the following surface preparation methods. In bonding new concrete to already set concrete the surface of the concrete shall be thoroughly cleaned and roughened then

- A) Wetted with clean water, and then flushed with a mortar composed of equal parts of the cement and sand specified for the new concrete, before new concrete is placed adjacent thereto. New concrete shall be placed before mortar has taken initial set.

PREPARATION OF CONCRETE SURFACES (Continued)

- B) Wetted with clean water, and then an epoxy adhesive suitable for bonding fresh concrete to hardened concrete for load bearing applications may be used. The epoxy adhesive shall conform to AASHTO M 235M/M 235 Type V and shall be applied in accordance with the manufacturer's recommendations.
- C) Ponded with clean water to achieve Saturated Surface Dry (SSD) condition then it shall be blown off with oil free compressed air.

NONCONFORMING COMPRESSIVE STRENGTH OF CEMENT CONCRETE

Concrete with compressive strength test results failing to attain the limits specified in Table 901.64-3 of 901.64.B: Acceptance Testing shall be evaluated for structural adequacy and serviceability at the Contractors' expense. The Department will review all production records, the concrete test records, petrographic analysis report, field notes, and the placement records for the concrete in question. If the Engineer determines the material is found to be adequate to remain in place, payment shall be adjusted in accordance with the following formula:

$$P = \frac{2(fc - f'c)(UP)(Q)}{f'c}$$

Where:

P = pay adjustment for substandard concrete

f'c = specified minimum compressive strength at 28 days

fc = substandard concrete cylinder compressive strength at 56 days

Q = quantity of concrete represented by the acceptance cylinders tested

UP = unit contract price or the lump sum breakdown price per cubic yard
for the class of concrete involved complete in place

ENVIRONMENTAL PERMITTING

The proposed work does not occur in jurisdictional wetland resources subject to section 401 or section 404 of the Clean Water Act; therefore, the project does not require a Water Quality Certification from the Massachusetts Department of Environmental Protection or authorization from the US Army Corps of Engineers. The proposed work qualifies for the bridge exemption authorized in the Transportation Bond Bill and is therefore not subject to the Massachusetts Wetlands Protection Act, the Massachusetts Public Waterfront Act (Chapter 91), or the Massachusetts Environmental Policy Act.

If field conditions and/or Contractor-proposed erection, demolition, staging, or other procedures require work to occur in or otherwise impact water or wetland resource areas, the Contractor is advised that no associated work can occur until all required environmental permits have been obtained allowing such work. The Contractor must notify the District 2 Highway Director and Resident Engineer in writing at least 60 days prior to desire commencement of the proposed activity. All environmental submittals, including any Contract with Local, State, or Federal environmental agencies, must be coordinated with the District 2 Environmental Engineer. The Contractor is expected to fully cooperate with requests for information and provide same in a timely manner. The Contractor is further advised that the Department will not entertain a delay claim due to the time required to obtain the environmental permits.

CONTAMINATED SOIL

Soil to be removed from the project area shall not be assumed to be uncontaminated and must be evaluated prior to off-site management for potential contamination with hazardous materials. No soil may be disposed of off-site without proper assessment by the contractor and approval from the Resident Engineer (RE), District Environmental Engineer (DEE), or the project designee.

SOIL STOCKPILING DIRECTIVE P-22-001

Any stockpiling of soil must be performed in compliance with Policy Directive P-22-001, Off-Site Stockpiling of Soil from MassDOT Construction Projects. This directive limits the allowable locations for off-site stockpiling of soil generated during MassDOT projects and includes various requirements that must be satisfied by the contractor prior to off-site stockpiling. The Contractor is responsible for identifying a suitable stockpile location.

TRUCK SAFETY DEVICES

(Supplementing Subsection 7.04: Motor Vehicles)

All motor vehicles subject to Section 7 of Chapter 90 to be operated under this Contract shall be equipped with safety devices as provided therein and in 540 CMR 4.00.

The Contractor shall certify to the Registry of Motor Vehicles, in a manner prescribed by the Registrar, that all applicable vehicles are equipped with Lateral Protective Devices, Convex Mirrors, Cross Over Mirror(s) and Back Up Cameras in accordance with the requirements of 540 CMR 4.00.

The Contractor shall provide evidence satisfactory to the Department to demonstrate compliance with the above certification requirement for all applicable vehicles operated under this Contract by the Contractor and its subcontractors and vendors in a manner set forth by the Department. Thereafter, the Contractor shall have an affirmative obligation to continue to provide such evidence of compliance on an ongoing basis and no later than 7 days after certification with the Registry of Motor Vehicles of any additional vehicles operated under this Contract by the Contractor and its subcontractors and vendors.

Non-compliance with respect to a vehicle that is subject to 540 CMR 4.00 may subject the Contractor to statutory fines as established in M.G.L. c. 90, § 7 and/or contractual remedies up to and including termination of the Contract.

PIGEON WASTE

The Contractor shall remove and dispose of the pigeon waste and any other debris accumulated on the steel members and bridge seats in areas where work is being performed. Pigeon waste and debris material contaminants will require special handling and disposal in accordance with all Federal, state, and local requirements. No separate payment will be made for removal and disposal of pigeon waste. Cost shall be incidental to the contract pay items.

EMERALD ASH BORER ADVISORY

To the extent possible, all trees and brush shall be disposed on site, typically chipped and spread in place. When trees or brush must be removed, such as in urban, or otherwise populated areas, Contractor shall identify proposed location for disposal, and provide written notification to the Engineer for approval. Disposal shall be in city or town of project, or at minimum, within county, of construction operations.

**GENERAL REQUIREMENTS FOR DEMOLITION AND
WORK INVOLVING PAINTED STEEL**

(02/06/2020)

Demolition and work involving painted steel shall conform to the requirements of Subsection 961 of the Standard Specifications.

Work Involving Painted Steel

Hazardous materials shall be removed in the immediate area of any intended welding, heating, saw cutting or burning of steel. Hazardous material removal is required to allow the demolition of structural steel, railings, drainage systems, utility supports, steel lamp posts, etc.

The contractor shall assume that the coatings on the steel contain lead (Pb), unless otherwise determined by testing. The contractor shall certify in writing to the Engineer the results of all testing, and shall also certify that any lead (Pb) coated steel removed from the project was not reused or buried, but was sent to a scrap metal recycling facility.

Implement and maintain programs and procedures, which comply with the requirements of this specification and all applicable standards and regulations. Comply with all applicable regulations even if the regulation is not specifically referenced herein. If a state or local regulation is more restrictive than the regulation of this specification, follow the more restrictive requirements.

This requirement is intended only for the demolition and preparation prior to repair and does not include provisions for recoating of steel.

Environmental

All applicable portions of Subsections 961.65 “Worker Protection” and 961.66 “Environmental Protection and Monitoring” shall be followed when performing this work.

During chemical stripping a hand washing facility may be used in lieu of a decontamination/changing facility.

Hazardous material shall be collected during the disassembly and disposed of as outlined in Subsection 961.68 “Handling of Hazardous Waste and Reporting Release Programs”.

The applicable submittals shall be according to Subsection 961.69 “Submittals”.

**GENERAL REQUIREMENTS FOR DEMOLITION AND
WORK INVOLVING PAINTED STEEL** (Continued)**Cleaning/Removal****Cutting Or Burning Of Steel**

All surfaces to be welded, heated, saw cut or burned shall be cleaned so as to remove all contaminants and/or hazardous materials, which could be discharged to the environment as a function of the subsequent operations.

Lead paint shall be removed in its entirety in an area prescribed by a 6 inch (15 cm) minimum offset from the required work. The paint removal operation may be dry abrasive blasting, wet abrasive blasting or chemical stripping.

Proper level of containment shall be used when performing this work in accordance with Subsection 961.67 "Containment". Full containment is not required during chemical stripping operation however; the Contractor shall install proper shielding and/or tarpaulins under the chemical stripping operations in order to catch all debris generated during this procedure. A cleaned area must be inspected and approved before the demolition operations are started.

During cleaning operations the Contractor shall be required to furnish and erect temporary floodlights illuminating the steel surface at a minimum of 30-foot candles. This lighting shall be used in areas where there is insufficient lighting for proper cleaning operations and inspection. The Contractor shall supply electrical power.

The Contractor shall provide support for interim and final inspection of the bridge during cleaning operations. This support shall include the necessary traffic controls and safe access to the work.

Mechanical Disassembly Of Steel

All surfaces to be mechanically disassembled by shear cutting or removing bolts or rivets shall not require deleading. When shear cutting or removing bolts or rivets, the Contractor shall not use any method that will cause dust and/or particles to be emitted and/or dispersed into the environment to an extent that would expose the workers above the Action Levels of 30µg/m³.

For purposes of limiting the lead (Pb) dust, the Contractor will be required to dampen the lead paint work areas.

The contractor shall install a proper shielding and/or tarpaulins under all lead-paint-coated surfaces to be shear cut or bolts or rivets ordered removed in order to catch any loose lead paint chips, dust or particles.

EQUIVALENT SINGLE AXLE LOADS (ESALS)

The estimated traffic level to be used for SUPERPAVE HMA mixture designs for this contract, expressed in Equivalent Single Axle Loads (ESALs) for the design travel lane over a 20-year period, is traffic level 2 (0.3-10.0 Million 18-kip (80-kn) ESALs).

NORTHERN LONG-EARED BAT AND TRICOLORED BAT PROTECTION

The northern long-eared bat (*Myotis septentrionalis*; NLEB) and tricolored bat (*Perimyotis subflavus*; TCB) are listed as federally endangered or proposed endangered, respectfully, under the Endangered Species Act (ESA). The U.S. Fish and Wildlife Service (USFWS) developed this guidance to address ESA compliance and promote conservation of NLEB and TCB. As there is no Federal nexus (Federal funding or permits) for this project, Section 7 consultation was not required or conducted. However, Section 9 of the ESA prohibits anyone from “taking” or harming an endangered species, and the below language shall be adhered to in order to maintain compliance with the ESA.

If any of the project locations require work within U.S. Army Corps of Engineers (ACOE) jurisdictional wetlands, the ACOE will be the lead federal agency for ESA consultation with the U.S. Fish & Wildlife Service (USFWS). Most consultations for the NLEB take 30 days.

The following Avoidance and Minimization Measures (AMMs) must be strictly adhered to in order to protect NLEB and TCB and to be in compliance with the ESA. Contact MassDOT Environmental Services - Wildlife & Endangered Species Unit Supervisor (David Paulson, david.j.paulson@dot.state.ma.us, 857-262-3378) for questions about project limits, restrictions, or conservation measures.

The Resident Engineer can check on the status of AMM applicability by sending a locus map of the proposed work to MassDOT Highway Division’s Environmental Services Section - Wildlife & Endangered Species Unit Supervisor for review and a determination if some of the AMMs and TOY restriction can be waived.

Required AMM for all projects:

- The Contractor shall ensure all personnel working in on the project site are aware of all environmental commitments related to NLEB and TCB, including all applicable AMMs. NLEB Bat information (<https://www.fws.gov/midwest/endangered/mammals/nleb/> and <https://www.fws.gov/species/tricolored-bat-perimyotis-subflavus>) shall be made available to all personnel.

If temporary lighting is proposed within the project scope, the following AMM is applicable:

Lighting AMM:

- Direct temporary lighting away from suitable habitat during the active season: **April 15 to October 31.**

If the Removal of Trees and/or Woody Vegetation >3-inch in diameter is proposed within the project scope, the following AMMs are applicable:

Tree AMMs:

- If additional cutting is proposed by the Contractor that is outside the scope of this contract, additional review is required by the MassDOT Highway Division’s Environmental Services Section, and additional review and restrictions may be required by the USFWS.
- Ensure tree removal is limited to that specified in project plans and ensure that contractors understand clearing limits and how they are marked in the field (e.g., install bright colored flagging/fencing prior to any tree clearing to ensure contractors stay within clearing limits).

NORTHERN LONG-EARED BAT AND TRICOLORED BAT PROTECTION (Continued)

- In order to protect northern long-eared bats and their young during their active season, **no tree cutting shall be conducted during the Time of Year (TOY) restriction of April 15 to October 31.**
- Do not remove **documented** or NLEB roosts that are still suitable for roosting, or trees within 0.25 miles of roosts, or **documented** foraging habitat any time of year (<http://www.mass.gov/eea/agencies/dfg/dfw/natural-heritage/species-information-and-conservation/rare-mammals/northern-long-eared-bat.html>).
- The Contractor shall ensure all personnel working in on the project site are aware of all environmental commitments related to NLEB and TCB, including the **TOY** restriction.

If the Bridge Work is proposed within the project scope, the following AMMs are applicable:
Bridge AMMs:

- **Bridge AMM 1** - To completely avoid direct effects to roosting bats, perform any bridge removal, replacement, and/or maintenance work during the winter hibernation period unless a hibernating colony of bats is present (contact your local USFWS Field Office for exact dates). Also, follow Bridge AMM 4.
 - **Note:** Bridge AMM 1 is an avoidance measure for direct effects; the full implementation of which may not always be practicable. **If bridge removal, replacement, and/or maintenance work must be performed outside of the winter hibernation period, then follow Bridge AMMs 2-4.**
- **Bridge AMM 2 - Colony or Assuming Presence of Bats**
 - If assuming presence of bats or if bridge assessment or P/A surveys suggest presence of a colony of bats, and work is conducted during the active season, ensure activity will not disturb bats. The following types of bridge work can generally be conducted with the presence of bats:
 - above deck work where construction equipment or materials do not extend to the underside of deck where bats may be located (e.g., materials that may drip down to underside of deck), or does not include percussives (vibration) or noise levels above general traffic (e.g., road line painting, wing-wall work).
 - below deck work that is conducted away from roosting bats and does not involve percussives or noise level above general traffic (e.g., wing-wall work, some abutment, beam end, scour, or pier repair).
- **Bridge AMM 3 - Small Number of Bats**
 - If bridge assessment or P/A surveys suggest presence of a small number of bats (<5 – not a colony), and work is conducted during the active season, the following types of bridge work can generally be conducted with the presence of bats:
 - above deck work where construction equipment or materials do not extend to the underside of deck where bats may be located (e.g., materials that may drip down to underside of deck), or does not include percussives (vibration) or noise levels above general traffic (e.g., road line painting, wing-wall work).
 - below deck work that is conducted away from roosting bats and does not involve percussives or noise level above general traffic (e.g., wing-wall work, some abutment, beam end, scour, or pier repair).

NORTHERN LONG-EARED BAT AND TRICOLORED BAT PROTECTION (Continued)

- any other bridge removal, replacement, and/or maintenance work (which may include activities with percussives) conducted in the evening while the bats are feeding, starting one hour after sunset, and ending one hour before daylight excluding the hours between 10 p.m. and midnight and keep the light localized.
- **Bridge AMM 4** - If assuming presence of bats, or if bridge assessment or P/A surveys suggest presence of bats, ensure suitable roosting habitat is maintained. Suitable roosting sites may be incorporated into the design of a new bridge.

NOTICE TO OWNERS OF UTILITIES*(Supplementing Subsection 7.13)*

District 2 Utility/Constructability Engineer Paul Kelly

Paul.Kelly@DOT.state.ma.us

The existing plans indicate the location of the existing known utilities in the vicinity of the work. As the accuracy and completeness of the plans are not guaranteed in any manner, it is the Contractor's responsibility to make their own investigation to assure that no damage to existing structures, drainage lines, traffic signal conduits, etc., will occur.

Written notice shall be given by the Contractor to all public service corporations or officials owning or having charge of publicly or privately owned utilities of the Contractor's intention to commence operations affecting such utilities at least one week in advance of the commencement of such operations and the Contractor shall at that time file a copy of such notice with the Engineer.

A list of public and private utilities can be found on the MassDOT website at:

<https://www.mass.gov/info-details/utility-contacts-by-district-and-municipality>

Select District 2

Select the Town, and then locate the utility

The utility contact list is for guidance only and is not guaranteed to be complete or up to date.

NOTIFICATION OF PUBLIC OFFICIALS

Town officials are shown at website <https://www.mass.gov/lists/massachusetts-cities-and-towns> and select the required City/Town website.

State Police are shown at website <https://www.mass.gov/info-details/massachusetts-state-police-troop-boundaries>. Select the area of jurisdiction to find the local station.

The Contractor shall be responsible for informing the following officials in each area that he is assigned to work in:

Superintendent, Department of Public Works, or Town Engineer. Superintendent, Water Department, Superintendent, Sewer Departments. Police Department, Fire Department, Electric Company, Railroads.

NATIONAL GRID EMERGENCY TELEPHONE NUMBERS**ELECTRIC:**

Outage/ Emergency: 1-800-465-1212

New Service: 1-800-375-7405

Customer Support: 1-800-322-3223

EVERSOURCE EMERGENCY TELEPHONE NUMBERS**ELECTRIC:**

Outage/ Emergency: 800-592-2000 or 844-726-7562

New Service: 1-888-633-3797 (1-888-need pwr)

Customer Support: 1-800-340-9822

NON-BID ITEMS

For work not covered by the various bid items in this Contract, it is the intent to pay for such related work on a time and materials basis, as directed by the Engineer. The payment for such work is outlined in the following sections: Payment for Specialty Services/Additional Artisans.

PAYMENT FOR SPECIALTY SERVICES/ ADDITIONAL ARTISANS

The Contractor will be paid for any artisans required to repair or maintain the bridges or any work that has not been included as incidental to any Contract Bid Item plus ten (10) percent. However, no artisans shall be hired until approved by the Engineer and competitive prices may be required if the Engineer so directs. The Contractor will not bid this item. If the Engineer has knowledge of source of additional artisans, which are competitive with the Contractor's choice, then the Contractor may be required to investigate and use an alternative choice.

PROPRIETARY PRODUCTS

A letter discussing the HILTI HIT RE-500V3 EPOXY ANCHOR as a proprietary specification pursuant to M.G.L. c. 30, sec. 39M(b) has been placed in the Project file. The HILTI HIT RE-500V3 EPOXY ANCHOR shall be manufactured by HILTI CORPORATION or approved equal.

ITEM 101.01**CLEARING AND GRUBBING AT BRIDGES****SQUARE YARD**

The work under this Item shall conform to the relevant provisions of Subsection 101 of the Standard Specifications and the following:

The work under this Item consists of clearing trees and shrubs outside the proposed parapet face of the wingwall and other selected areas directed by the Engineer to provide access for repair and inspection work.

Areas along the wingwall, abutments, and along the ten (10) feet of approach sidewalks or curblines of the bridges shall be cleared and grubbed for a width of fifteen (15) feet from the face of feature or to the edge of the right of way if less than fifteen (15) feet from the face of feature and as directed by the Engineer.

All debris shall be removed and properly disposed from the site.

METHOD OF MEASUREMENT

Item 101.01 will be measured for payment by the SQUARE YARD of clearing and grubbing completed, as measured in the horizontal plane.

BASIS OF PAYMENT

Item 101.01 will be paid for at the Contract unit price per SQUARE YSRD, which price shall include the removal of all brush, trees, stumps and roots within the designated area, all labor, tools, materials, equipment, and all incidental costs required to complete the work.

No separate payment will be made for any individual trees or stumps removed within the area.

ITEM 106.09**ARMORED STEEL JOINT MODIFICATIONS****FOOT**

The work under this Item consists of removing the existing armored joint steel sections and furnishing and installing new steel members per the Contract drawings. The necessary reconstruction of the adjacent reinforced concrete deck section for the steel armored joint system modifications shall be paid under the appropriate Contract items.

Construction Methods

The Contractor shall modify the joint per the Contract drawings. The existing damaged steel angle shall be removed and replaced. The concrete deck section behind the angle shall be removed for the angle removal and be rebuilt with concrete.

The Contractor shall submit the steel armored joint system cutting and welding procedures for the Engineer's approval.

All removed materials shall be transported off-site each day and disposed of in an environmentally safe manner. The bottom of the new block-out shall be thoroughly cleaned to ensure a good bond between the existing material and all new materials. Grit blasting or pressure washing to be required as directed by the Engineer.

METHOD OF MEASUREMENT

Item 106.09 will be measured for payment by the FOOT of armored steel joint modifications completed, as measured along the joint centerline and between curb lines complete in place. The joint treatment at the safety curb and sidewalk shall be considered incidental to the work to be done under this Item.

BASIS OF PAYMENT

Item 106.09 will be paid for at the Contract unit price per FOOT, which price shall include all labor, materials, equipment, submittals, disposal, and all incidental costs required to complete the work.

The concrete removal located on the deck will be paid under Item 127.1 Reinforced Concrete Excavation.

The concrete header will be paid for under Item 905.2 5000 psi, 3/8 inch, 710 HP Cement Concrete.

<u>ITEM 106.16</u>	<u>BRIDGE DECK DRAIN PVC PIPE INSTALLATION AND EXTENSION</u>	<u>EACH</u>

The work under this Item consists of extending the deck drainpipes on Bridge No. G-04-011 (OPY), as shown on the Contract drawings and/or as required by the Engineer.

Materials

The Polyvinyl Chloride (PVC) pipes for the deck drains and their fitting shall conform to ASTM D1785, Schedule 40. Solvent Cement Fittings shall conform to ASTM D2468, Schedule 40. All support straps and hardware shall be hot dip galvanized and be of the same type as used with steel pipe. Jointing of the pipes and couplers shall be done by solvent welding process and be in accordance with Manufacturer's recommendations. All joints are to be set with P.V.C. primer and P.V.C. cement.

Construction Methods

The Contractor shall extend the pipes 12" beyond the beam bottom flange by installing couplings and new pipe sections. The lower end of all deck drainpipe extensions shall be adequately fastened and secured to the beam bottom flange with galvanized conduit clamps. The Contractor shall submit the cut sheets of the selected conduit clamp for the Engineer's approval.

METHOD OF MEASUREMENT

Item 106.16 will be measured for payment by the EACH bridge deck drain PVC pipe installed and extended, complete in place.

BASIS OF PAYMENT

Item 106.16 will be paid for at the Contract Unit Price per EACH, which price shall include all labor, materials, equipment, cost of connection and conduit clamps for securing of deck drainpipes, and all incidental costs required to complete the work.

ITEM 106.88**JACKING AND SHORING****EACH**

The work under this Item consists of jacking and supporting existing beams as required by work order or the Engineer.

Shoring materials may be new or second hand. The Contractor shall submit a plan of the proposed work showing the details and indicating the materials to be used. The submittal shall include the jacking load calculations and shoring design computations, based on the bridge configurations and the working stresses of the materials used, sequence of operations, and all details incidental thereto. Unless otherwise directed by the Engineer, the proposed jacking and shoring system shall be designed to apply force in increments to the existing beam to relieve load from the existing substructure. The jack(s) shall have a locking mechanism preventing the beam from lowering in the event of loss of hydraulic pressure. All components of the system shall have load capacity greater than the total calculated load carried by the existing beam during normal traffic operation, which includes but not limited to dead load, live load, and impact load.

Bridge Loads: The Contractor shall be responsible for calculating loads (live and impact loads, dead loads... etc.) necessary to design shoring paid under this Item. Soil bearing values shall be determined per Section 2.5.2 of the AASHTO Guide Design Specifications for Bridge Temporary Works. All materials (except jacks) shall be designed by working stress design (ASD). Type of jacks used, and factor of safety shall be per industry standards.

Approval of this submission shall be obtained prior to the commencement of any work under this item. The above plan and computations shall bear the seal and signature of a Professional Engineer of the appropriate discipline registered in Massachusetts.

Materials shall meet the following Subsections of the Standard Specifications:

- Anchor Bolts, Nuts, and Washers: M8.01.5
- Bridge Related Structural Steel: M8.05.0
- Wood Products: M9.05.1

All treated wood supplied by the Contractor shall meet the requirements of M9.05.1 for Wood Products, including the most recent versions of AWP A U1 and M4 which are incorporated by reference. No new wood shall be treated with inorganic arsenic (including chromated copper arsenate (CCA), ammoniacal copper arsenate (ACA), and ammoniacal copper zinc arsenate (ACZA), creosote or pentachlorophenol in all project construction.

The support of beams shall remain in place until all the requirements of Item 127.12 Reinforced Concrete Substructure Excavation and Item 905.2 5000 PSI, 3/8 INCH, 710 HP Cement Concrete repair are completed and accepted by the Engineer.

When the repairs are completed and the supports are no longer needed as determined by the Engineer, all supporting materials shall be removed and become the property of the Contractor unless other prior arrangements were previously made with MassDOT.

Each bridge will be kept open to traffic while the beams are supported.

ITEM 106.88 (Continued)**METHOD OF MEASUREMENT**

Item 106.88 will be measured for payment by the EACH steel or concrete beam end jacked and shored as required by the Engineer. Multiple jacking of the same end for the same repair will not be measured separately.

BASIS OF PAYMENT

Item 106.88 will be paid for at the Contract unit price per EACH, which price shall include all labor, materials, tools, equipment, engineering services, submittals, and all incidental costs required to complete the work.

Any jacking and shoring reused at the same bridge crossing shall be considered a remove and reset. Jacking and shoring transported to a new location will be considered a new payment of the jacking and shoring item.

ITEM 107.97**STRUCTURAL STEEL REPAIRS****POUND**

The work under this Item shall conform to the relevant provisions of Subsections 960 and 961 of the Standard Specifications and the following:

The work under this Item shall include furnishing, fabricating, transporting, and erecting structural steel for repairing the deterioration of the structural steel beams.

The Contractor shall note that certain repair locations are known to have obstacles that are in conflict with the work that is to be performed. Work required to move, remove, replace, work around, or modify any obstacles interfering with the structural steel repair work, such as utilities and diaphragms, shall be included in this Item and be performed with no additional compensation, and shall be incidental to the unit price bid for this Item.

Structural steel components damaged by the Contractor's operation shall be repaired in conformance with these specifications. The costs of such repairs shall be borne by the Contractor. Structural steel repairs will include repairing deteriorated beam ends at locations as directed by the Engineer.

All work shall be done as required by the Engineer and in accordance with the details and sequence of construction supplied by the Contractor and approved by the Engineer.

MATERIALS

All new structural steel and new high strength bolts shall conform to the requirements of Subsections M8.05.0 and M8.04.3 of the Standard Specifications, respectively.

All structural steel shall be AASHTO M270, Grade 36 or Grade 50 steel.

The repair steel shall be considered main member and conform to the Charpy V - notch impact test requirements for AASHTO Temperature Zone T2.

All high strength bolts for bolted connections shall be slip critical and conform to the requirements of ASTM F3125 and installed in accordance with the Standard Specifications. All proposed nuts shall conform to ASTM A563. Washers shall conform to ASTM F436 specifications for hardened steel washers. All bolts, nuts and washers shall be mechanically galvanized in accordance with requirements of ASTM B695, Class 50. Galvanized bolts shall be retested after galvanizing as required by ASTM F3125.

ITEM 107.97 (Continued)

Prior to installing steel repair components, an epoxy-based metal filler compound shall be applied to existing deteriorated steel web surfaces and flanges in a manner which restores deteriorated sections to their original thicknesses to prevent voids between the filler surface and proposed repair plates. Filler material shall be applied as shown in the drawings and as directed by the Engineer. Epoxy filler compound shall be “ITW Philadelphia Resin Repair Compound (RRC)” (web site: <http://chockfast.com/products/repair-and-accessory-products/itw-repair-compound/>), or Sikadur 31, Hi-Mod Gel (web site: <http://usa.sika.com>), or Adhesives Technology Ultrabond 2100, Class C (web site: <http://atcepoxy.com/medium-viscosity-bonding-agent-ultrabond-2100/>), or an approved equal. The filler compound shall be applied in strict accordance with the manufacturer’s specifications.

The Contractor is alerted that the existing paint is likely lead-based. Any removal and disposal of paint for the operations described herein shall be performed in strict conformance with all State and Federal health and environmental regulations, as stipulated in these specifications.

CONSTRUCTION METHODS

The methods of procedures, materials, equipment, or anchorage proposed by the Contractor shall be submitted on a standard shop drawing for approval by the Engineer prior to beginning of work for each location. Approval shall not relieve the Contractor of responsibility for the successful completion of the work.

All steel repair dimensions shall be field verified by the Contractor prior to developing shop drawings and fabrication of steel repair components. The limits of steel repairs shall be verified via Non-destructive testing (PT, MT, UT) at locations as required by the Engineer. Testing shall be performed by a certified testing agency and shall meet the requirements of Subsection 960.61, Inspection paragraphs of the Standard Specifications. The cost associated with the Non-destructive testing will be incidental to this Item.. The Contractor shall submit shop drawings using field measurements. The Engineer will verify the proposed repair limits shown on the shop drawings. Fabrication of repair components shall not start prior to acceptance of shop drawings by the Engineer.

All steel superstructure members shall be cleaned to meet the requirements of SSPC SP-10, Near-White Blast Cleaning and receive a prime coat prior to beginning steel repairs, in accordance with Subsection 961, “Maintenance Painting of Steel Bridges” of the Standard Specifications. The Engineer shall verify the deterioration extents prior to fabrication of repair components. Subsequent to successful steel repairs at each span and primer touch up of repair areas, the superstructure steel shall be painted with the intermediate and final coats. All costs of cleaning and prime coating will be paid for under Item 961.301, Item 961.302, Item 961.303, and Item 961.304.

ITEM 107.97 (Continued)**Cutting of Steel**

Existing steel components that are directed for replacement by the Engineer shall be carefully removed by dismantling existing connections. Cutting of existing steel shall be performed with care to avoid undercutting, overheating, notching or other damage of material which is to remain.

The Contractor shall use temperature-indicating crayons which meet the approval of the Engineer for 275 degrees Fahrenheit and 300 degrees Fahrenheit. These indicator crayons shall be used on surfaces of the web and beam adjacent to an area undergoing a process of cutting or grinding as ordered by the Engineer. Cutting or grinding shall be discontinued temporarily, to allow cooling, if the temperature of the base steel in the girder web or flange exceeds 275 degrees Fahrenheit.

If the Contractor damages materials to remain during cutting operations, he shall replace, repair, or reinforce the damaged area as may be needed to restore the materials to existing condition prior to damage. This work shall be performed by the Contractor as ordered by the Engineer at no additional cost to MassDOT, and to the satisfaction of the Engineer.

Environmental

All applicable portions of Subsections 961.65 "Worker Protection" and 961.66 "Environmental Protection and Monitoring" of the Standard Specifications shall be followed when performing this work.

During chemical stripping, a hand washing facility may be used in lieu of a decontamination/changing facility. Hazardous material shall be collected during the disassembly and disposed of as outlined in Subsection 961.68 "Handling of Hazardous Waste and Reporting Release Programs". Submittals shall be according to Subsection 961.69 "Submittals".

Additional Requirements

The edges of the existing steel to be repaired shall be ground smooth and primed prior to the installation of the new plates or shapes. Holes in steel shall be drilled, not punched or burned. Rust holes +/- 3" in diameters shall be drilled through prior to installation of repair plates. Isolated rust holes in the girder web panel shall be drilled through or coped to a consistent web thickness of 1/8". Edges of the holes or copes are to be ground smooth to the acceptance of the Engineer.

The Contractor is fully responsible for the accuracy and fit of the work and thus shall determine what measurements are required and shall allow adequate time and resources for obtaining field measurements in developing the fabrication and construction.

The Contractor shall submit shop drawings utilizing the field measurements of the repair areas to verify fit of bridge components and all other repair dimensions. Fabrication shall not start prior to acceptance of shop drawings.

The Contractor shall provide support for interim and final inspection of the bridge during cleaning operations. This support shall include the necessary traffic controls (if required) and safe access to the work.

ITEM 107.97 (Continued)

When it is necessary to temporarily support utility lines/pipes during steel repairs, the Contractor shall consult with the affected utility owners on the proposed Means and Methods of this work item. Any damages to the utilities caused by the Contractor's operations shall be repaired by the Contractor to the acceptance of the Engineer and the affected utilities, at the Contractor's own expense.

Adequate measures shall be taken by the Contractor to prevent work generated debris, tools, and/or materials from dropping to the ground or waterway below the structure. All debris and any materials which accidentally fall into such areas shall be removed immediately at the Contractor's expense. Any damage from falling debris shall be repaired by the Contractor to the acceptance of the Engineer, at the Contractor's own expense.

Except as otherwise specified, all removed steel and appurtenances shall become the property of the Contractor who shall remove and dispose of this material.

The Contractor shall take the necessary precautions such as warning signs and/or temporary protective structures for the safety of vehicles or pedestrians using any area adjacent to the work areas. Any such structure shall be adequate for the purpose and shall be approved by the Engineer.

METHOD OF MEASUREMENT

Item 107.97 will be measured for payment by the POUND of new steel installed, complete in place.

BASIS OF PAYMENT

Item 107.97 will be paid for at the Contract unit price per POUND, which price shall include all labor, materials, equipment, scaffolding, nuts, bolt heads, permanent washers, filler compound, submittal preparation, field inspection, utility support, non-destructive testing, and all incidental costs required to complete the work.

All cleaning and painting associated with steel repairs will be paid for under Items 961.301, 961.302, 961.303, 961.304

<u>ITEM 127.1</u>	<u>REINFORCED CONCRETE EXCAVATION</u>	<u>CUBIC YARD</u>
<u>ITEM 127.13</u>	<u>REINFORCED CONCRETE COPING EXCAVATION</u>	<u>CUBIC YARD</u>

The Work under these Items shall conform to the relevant provisions of Subsections 120 and 482 of the Standard Specifications and the following:

Concrete surfaces will be inspected via visual and, where practicable, hammer sounding to determine limits of excavation. Costs associated for providing apparatus and personnel for sounding to determine limits of reinforced concrete excavation are incidental to these Items with no additional compensation.

The work under Item 127.1 shall consist of excavation, removal and disposal of reinforced concrete on safety curbs, concrete barriers, and when deck excavation is related to joint repair.

The work under Item 127.13 shall consist of the full removal and disposal of reinforced concrete of the bridge deck overhangs.

Prior to excavation, the Contractor shall cover all drainage structures that may be affected by the work. The structures shall remain covered until the new concrete has set and the area has been cleaned.

The Contractor shall take all precautions necessary not to damage the portion of the deck, including reinforcing steel, which is to remain. This includes determining the concrete cover to the steel bars at the edge of each patch prior to excavating concrete.

The edges of all areas where concrete is removed under Items 127.1 and 127.13 shall be cut to neat lines by sawcutting or by methods approved by the Engineer, to a depth of 3/4 inch, and all costs in connection with such work shall be incidental to the pertinent item. Excavated areas shall be made rectangular in shape [as much as possible], with horizontal and vertical edges and square corners.

In case the reinforcing bars are exposed, the minimum depth of all cement concrete areas to be excavated shall be one (1) inch below the bottom of the top layer of longitudinal reinforcing steel throughout the entire excavated area.

Concrete removal equipment shall be of the following types:

Pneumatic and Power-Driven Chipping Hammers: In no event shall any pneumatic or power hammer weighing in excess of twenty-five (25) pounds be used for the removal of concrete.

Abrasive Blasting Equipment: Abrasive blasting equipment shall be capable of removing rust and old concrete from exposed reinforcing steel when required by the Engineer.

ITEMS 127.1 and 127.13 (Continued)

During the prosecution of this work, the Engineer may reject the use of any method or equipment which causes undue vibration or possible damage to the structure or any part thereof.

Bobcats/Skid Steers will be allowed only to collect debris from the deck surface and will not be allowed to remove concrete from the patch area. All concrete debris shall be removed by hand or by using hand tools. The smaller pieces may be blown out using an oil free compressed air after first being wetted with water to control airborne particulates.

Also, included under these Items are all costs in connection with the cleaning, cutting, and bending of the existing reinforcing steel designated to be retained in the proposed construction. Any existing reinforcing steel damaged or otherwise made unsatisfactory for continued use as a result of the Contractor's operations shall be replaced at the Contractor's expense. All reinforcing steel with active rusting encountered in the excavation shall be thoroughly cleaned by abrasive blasting. All reinforcing steel that is loose shall be tied tightly together using wire ties. Ties are required at every other intersection of transverse and longitudinal reinforcing.

Temporary Protective Shielding must be used on bridges over the waterway during concrete excavation and when, in the opinion of the Engineer, there is the possibility of dislodging concrete from the bottom of the deck.

The Contractor shall take all measures necessary to protect waterway below from the construction operations. No debris, tools or incidental equipment of any kind will be permitted to fall into areas where vehicular or pedestrian traffic exists. Any material that accidentally falls into such areas shall be removed immediately.

METHOD OF MEASUREMENT

Items 127.1 and 127.13 will be respectively measured for payment by the CUBIC YARD of reinforced concrete excavation completed.

BASIS OF PAYMENT

Items 127.1 and 127.13 will be paid for at the respective Contract unit price per CUBIC YARD, which prices shall include all labor, equipment, materials, disposal, sawcutting, incidental removal of bituminous concrete, and all incidental costs required to complete the work.

Item 127.1 will compensate the Contractor for excavation performed on joint repair.

Item 127.13 will compensate the Contractor for excavation performed on the bridge copings.

The Contractor will be compensated under either Item 127.1, or 127.13 for excavated concrete. In no case will the Contractor be compensated under more than one Item for the same excavated material.

The cost for the removal of hot mix asphalt above the area of reinforced concrete excavation shall be incidental to respective Items 127.1 and 127.13.

Payment for temporary protective shielding will be made under Items 994.1 and 994.021.

ITEM 127.12 **REINFORCED CONCRETE SUBSTRUCTURE** **CUBIC YARD**
EXCAVATION

The work under this Item shall conform to the relevant provisions of Subsections 120 and 482 of the Standard Specifications and the following:

The work under this Item consists of the removal and disposal of all deteriorated, spalled, and scaled concrete as required to repair the existing concrete substructure elements to the general lines identified on the drawings and as required by the Engineer. Any concrete excavation necessary to access concrete substructure elements for repair shall be paid for under this Item.

No debris, tools or incidental equipment of any kind will be permitted to fall into river bed or river bank areas. Any material that accidentally falls into such areas shall be removed.

During the prosecution of the Work, the Engineer may reject the use of any method or equipment which causes undue vibration or possible damage to the structure or any part thereof. Pneumatic hammers heavier than the nominal 25 pounds mass shall not be used unless approved by the Engineer.

Minimum depth of excavation to sound concrete shall be one inch (1") beyond the inner most layer of reinforcing steel, but not less than four inches (4") from the original surface. If there is no existing reinforcing steel, minimum depth of excavation shall be to sound concrete, but not less than four (4") from the original surface. The Contractor shall stop excavating deteriorated concrete when the depth of excavation reaches six inches (6") and shall notify the Engineer immediately. The edges of the patch shall be cut to neat lines by saw cutting or by methods approved by the Engineer, and the patch areas shall be made rectangular in shape, if possible, with horizontal and vertical edges and avoid over cutting square corners.

The Contractor may submit an alternate method of reinforced concrete excavation to be approved by the Engineer. The alternate method, if approved by the Engineer, shall not incur any additional costs to the Department, and Item 127.12 Reinforced Concrete Substructure Excavation will be paid at the Contract unit price regardless of the method used to complete the work.

The Contractor shall take all precautions necessary so as not to damage those portions of the bridge including reinforcing steel that are to remain. This includes determining the concrete cover to the steel bars at the edge of each patch prior to excavating concrete. Any steel that is unsuitable for further use through no fault of the Contractor shall be replaced under Item 910.1 Steel Reinforcement for Structures – Epoxy Coated. All reinforcing steel that is loose shall be tied tightly together using epoxy coated wire ties.

Also, included under this Item are all costs in connection with the cleaning, cutting, and bending of the existing reinforcing steel designated to be retained in the proposed repair.

ITEM 127.12 (Continued)**METHOD OF MEASUREMENT**

Item 127.12 will be measured for payment by the CUBIC YARD of reinforced concrete substructure excavation excavated, removed, and properly disposed of.

BASIS OF PAYMENT

Item 127.12 will be paid for at the Contract price per CUBIC YARD, which price shall include all labor, tools, equipment, materials, sawcutting, cleaning, disposal of all debris, and all incidental costs required to complete the work.

Payment for temporary protective shielding will be made under Items 994.021 and 994.1.

ITEM 740. ENGINEER'S FIELD OFFICE AND EQUIPMENT (TYPE A) MONTH

The work under this Item shall conform to the relevant provisions of Subsection 740 of the Standard Specifications and the following:

Two computer systems and a printer system meeting minimum requirements set forth below including installation, maintenance, power, paper, disks, and other supplies shall be provided at the Resident Engineer's Office:

All equipment shall be UL approved and Energy Star compliant.

The Computer System shall meet the following minimum criteria or better:

Processor:	Intel, 3.5 GHz
System Memory (RAM):	12 GB
Hard Drive:	500 GB
Optical Drive:	DVD-RW/DVD+RW/CD-RW/CD+RW
Graphics Card:	8 GB
Network Adapter:	10/100 Mbit/s
USB Ports:	6 USB 3.0 ports
Keyboard:	Generic
Mouse:	Optical mouse with scroll, MS-Mouse compliant
Video/Audio	the computer system shall be capable of allow video calling and recording:
Video camera	shall be High Definition 1080p widescreen capable video calling and recording with built in microphone. The microphone system shall capture natural audio while filtering out background noise.
Audio	shall be stereo multimedia speaker system delivering premium sound.
OS:	Latest Windows Professional with all security updates
Web Browser:	Latest Internet Explorer with all security updates
Applications:	Latest MS Office Professional with all security updates Latest Adobe Acrobat Professional with all security updates Latest Autodesk AutoCAD LT Antivirus software with all current security updates maintained through the life of the contract.
Monitors:	Two 27" LED with Full HD resolution. Max. resolution 1920 x 1080
Flash drives:	2 (two) - 128GB USB 3.0
Internet access:	High Speed (min. 24 mbps) internet access with wireless router.

ITEM 740. (Continued)

The Multifunction Printer System shall meet the following minimum criteria or better:

Color laser printer, fax, scanner, email and copier all in one with the following minimum capabilities:

- Estimated volume 8,000 pages per month
- LCD touch panel display
- 50 page reversing automatic document feeder
- Reduction/enlargement capability
- Ability to copy and print 11" x 17" paper size
- email and network pc connectivity
- Microsoft and Apple compatibility
- ability to overwrite latent images on hard drive
- 600 x 600 dpi capability
- 30 pages per minute print speed (color),
- 4 Paper Trays Standard (RADF) (not including the bypass tray)
- Automatic duplexing
- Finisher with staple functions
- Standard Ethernet. Print Controller
- Scan documents to PDF, PC and USB
- ability to print with authenticated access protection

The Contractor shall supply a maintenance contract for next day service, and all supplies (toner, staples, paper) necessary to meet estimated monthly usage.

The Engineer's Field Office and the equipment included herein including the computer system, and printer shall remain the property of the Contractor at the completion of the project. Disks, flash drives, and card readers with cards shall become the property of the Department.

Compensation for this work will be made at the contract unit price per month which price includes full compensation for all services and equipment, and incidentals necessary to provide equipment, maintenance, insurance as specified and as directed by the Engineer.

ITEM 767.121**SEDIMENT CONTROL BARRIER****FOOT**

The work under this Item shall conform to the relevant provisions of Subsections 670, 751 and 767 of the Standard Specifications and shall include the furnishing and placement of a sediment control barrier. Sediment control barrier shall be installed prior to disturbing upslope soil.

The purpose of the sediment control barrier is to slow runoff velocity and filter suspended sediments from storm water flow. Sediment barrier may be used to contain stockpile sediments, to break slope length, and to slow or prevent upgradient water or water off road surfaces from flowing into a work zone. Contractor shall be responsible for ensuring that barriers fulfill the intent of adequately controlling siltation and runoff.

Twelve-inch diameter (after installation) compost filter tubes with biodegradable natural fabric (i.e., cotton, jute, burlap) are intended to be the primary sedimentation control barrier. Photo-biodegradable fabric shall not be used.

For small areas of disturbance with minimal slope and slope length, the Engineer may approve the following sediment control methods:

- 9-inch compost filter tubes
- Straw bales which shall be trenched

No straw wattles may be used. Additional compost filter tubes (adding depth or height) shall be used at specific locations of concentrated flow such as at gully points, steep slopes, or identified failure points in the sediment capture line.

When required by permits, additional sediment barrier shall be stored on-site for emergency use and replacement for the duration of the contract.

Where shown on the plans or when required by permits, sedimentation fence shall be used in addition to compost filter tubes and straw bales and shall be compensated under that item.

Sediment control barriers shall be installed in the approximate location as shown on the plans and as required so that no excavated or disturbed soil can enter mitigation areas or adjacent wetlands or waterways. If necessary to accommodate field conditions and to maximize effectiveness, barrier locations may be shifted with approval from the Engineer. Barriers shall be in place prior to excavation work. No work shall take place outside the barriers.

MATERIALS AND CONSTRUCTION

Prior to initial placement of barriers, the Contractor and the Engineer shall review locations specified on the plans and adjust placement to ensure that the placement will provide maximum effectiveness.

Barriers shall be staked, trenched, and/or wedged as specified herein and according to the Manufacturer's instructions. Barriers shall be securely in contact with existing soil such that there is no flow beneath the barrier.

ITEM 767.121 (Continued)**Compost Filter Tube**

Compost material inside the filter tube shall meet M1.06.0, except for the following: no peat, manure or bio-solids shall be used; no kiln-dried wood or construction debris shall be allowed; material shall pass through a 2-inch sieve; and the C:N ratio shall be disregarded.

Outer tube fabric shall be made of 100% biodegradable materials (i.e., cotton, hemp or jute) and shall have a knitted mesh with openings that allow for sufficient water flow and effective sediment capture.

Tubes shall be tamped, but not trenched, to ensure good contact with soil. When reinforcement is necessary, tubes shall be stacked as shown on the detail plans.

Straw Bales

Straw bales shall be used if shown on the plans or when specified by Orders of Condition or other permit requirements.

Bales should be placed in a single row, lengthwise on the contour, with ends of adjacent bales tightly abutting one another. All bales should be either wire-bound or string-tied. Straw bales should be installed so that bindings are oriented around the sides (rather than along the tops and bottoms) of the bales in order to prevent deterioration of the bindings.

The barrier should be entrenched and backfilled. A trench the width of a bale and the length of the proposed barrier should be excavated to a minimum depth of 4 inches. The trench must be deep enough to remove all grass and other material which might allow underflow. After the bales are staked and chinked (filled by wedging), the excavated soil should be backfilled against the barrier. Backfill soil should conform to the ground level on the downhill side and should be built up to 4 inches against the uphill side of the barrier.

Each bale should be securely anchored by at least 2 stakes or re-bars driven through the bale. The first stake in each bale should be driven toward the previously laid bale to force the bales together. Stakes or re-bars should be driven deep enough into the ground to securely anchor the bales. For safety reasons, stakes should not extend above the bales but should be driven in flush with the top of the bale.

The gaps between the bales should be chinked (filled by wedging) with straw to prevent water from escaping between the bales. Loose straw scattered over the area immediately uphill from a straw bale barrier tends to increase barrier efficiency. Wedging must be done carefully in order not to separate the bales.

When used in a swale, the barrier should be extended to such a length that the bottoms of the end bales are higher in elevation than the top of the lowest middle bale to assure that sediment-laden runoff will flow either through or over the barrier but not around it.

ITEM 767.121 (Continued)**Sedimentation Fence**

Materials and Installation shall be per Subsections 670.40 and 670.60 of the Standard Specifications and the following:

Sedimentation fence shall only be used if shown on the plans or when specified by Orders of Condition or other permit requirements.

When used with compost filter tubes, the tube shall be placed on a minimum of 8 inches of folded fabric on the upslope side of the fence. Fabric does not need to be trenched.

When used with straw bales, an 8-inch deep and 4-inch wide trench or V-trench shall be dug on the upslope side of the fence line. One foot of fabric shall be placed in the bottom of the trench followed by backfilling with compacted earth or gravel. Stakes shall be on the down slope side of the trench and shall be spaced such that the fence remains vertical and effective.

Width of fabric shall be sufficient to provide a 36-inch high barrier after fabric is folded or trenched. Sagging fabric will require additional staking or other anchoring.

MAINTENANCE

Maintenance of the sediment control barrier shall be per Subsection 670.60 of the Standard Specifications or per the Stormwater Pollution Prevention Plan (SWPPP), whichever is more restrictive.

The contractor shall inspect the sediment barrier in accordance with relevant permits. At a minimum, barriers shall be inspected at least once every 7 calendar days and after a rain event resulting in 0.25 inches or more of rainfall. Contractor shall be responsible for ensuring that an effective barrier is in place and working effectively for all phases of the Contract.

Barriers that decompose such that they no longer provide the function required shall be repaired or replaced as directed. If the resulting berm of compost within the fabric tube is sufficiently intact (despite fabric decay) and continues to provide effective water and sediment control, barrier does not necessarily require replacement.

DISMANTLING & REMOVING

Barriers shall be dismantled and/or removed, as required, when construction work is complete and upslope areas have been permanently stabilized and after receiving permission to do so from the Engineer.

Regardless of site context, nonbiodegradable material and components of the sediment barriers, including photo-biodegradable fabric, plastic netting, nylon twine, and sedimentation fence, shall be removed and disposed of off-site by the Contractor.

ITEM 767.121 (Continued)

For naturalized areas, biodegradable, natural fabric and material may be left in place to decompose on-site. In urban, residential, or other locations where aesthetics is a concern, the following shall apply:

- Compost filter tube fabric shall be cut and removed, and compost shall be raked to blend evenly (as would be done with a soil amendment or mulch). No more than a 2-inch depth shall be left on soil substrate.
- Straw bales shall be removed and disposed of off-site by the Contractor. Areas of trenching shall be raked smooth and disturbed soils stabilized with a seed mix matching adjacent seeding or existing grasses (i.e., lawn or native grass mix).
- Sedimentation fences, stakes, and other debris shall be removed and disposed of off-site. Site shall be restored to a neat and clean condition.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Item 767.121 will be measured and paid for at the Contract unit price per FOOT of sediment control barrier which price shall include all labor, equipment, materials, maintenance, dismantling, removal, restoration of soil, and all incidental costs required to complete the work.

Additional barrier, such as double or triple stacking of compost filter tubes, will be paid for per foot of tube installed.

Barriers that have been driven over or otherwise damaged by construction activities shall be repaired or replaced as directed by the Engineer at the Contractor's expense.

<u>ITEM 816.82</u>	<u>TEMPORARY TRAFFIC CONTROL SIGNAL</u>	<u>LUMP SUM</u>
	<u>BRIDGE NO. N-22-009 (0MW)</u>	
<u>ITEM 816.83</u>	<u>TEMPORARY TRAFFIC CONTROL SIGNAL</u>	<u>LUMP SUM</u>
	<u>BRIDGE NO. R-12-013 (167)</u>	

The work under these Items shall conform to the relevant provisions of Section 800, "Traffic Control Devices" of the Standard Specifications, the 11th Edition of the Manual on Uniform Traffic Control Devices (MUTCD) and 2026 Massachusetts Amendments to the MUTCD , and the following special provisions.

TEMPORARY TRAFFIC CONTROL SIGNAL LOCATIONS:

Loc. No. 1 [816.82]: Warwick Road, Northfield

Loc. No. 2 [816.83]: Winchendon Road, Royalston

SCOPE OF TEMPORARY TRAFFIC SIGNAL WORK

The work under these Items shall include the furnishing and/or installation of part or all of the following items: portable traffic signal system; including traffic signal trailers and housings, traffic signal controller, emergency vehicle preemption, video detection, all cable and wiring, and all other equipment, materials, power connections and incidental costs necessary to provide complete, fully operational temporary traffic control signal system as specified herein.

GENERAL REQUIREMENTS

A list of the major traffic signal items required at each location is included on the Plans.

All traffic signal equipment shall comply with the MassDOT Qualified Traffic Control Equipment List unless otherwise approved by the Engineer.

Within 30 days following Notice to Proceed, the Contractor shall submit a list of equipment and manufacturer's equipment specifications they propose to install for the temporary traffic signal system to the Engineer in accordance with the relevant provisions of Subsection 815.20 of the Standard Specifications. No equipment or accessories will be accepted unless type tested and approved by the MassDOT - Highway Division prior to the date of proposal.

No work on the temporary traffic control signals shall be commenced by the Contractor until approval of the shop drawings and the manufacturer's data has been received in writing from the Engineer. Approval of these drawings shall be general in character and shall not relieve the Contractor from the responsibility of, or the necessity of, furnishing materials and workmanship conforming to the plans and specifications.

The Contractor shall deliver to the Engineer a certificate of compliance with the manufacturer for all materials purchased from the manufacturer.

ITEMS 816.82 and 816.83 (Continued)

The Contractor's attention is directed to a rule of the Board of State Examiners of Electricians which states that the installation of wiring in ducts by Contractors in construction of State Highways will not be permitted unless installed by licensed electricians. The installation of the duct work can be performed by skilled laborers. All electrical work performed in association with the traffic signals and roadway improvements, whether on State, Municipal, County or Private property, on this Contract shall be by licensed electricians holding a "Certificate B". Additionally, the foreman shall be certified as an International Municipal Signal Association (IMSA) Traffic Signal Technician, Level 1 at a minimum. Any Electrical Contractor performing work on roadways or signals under the jurisdiction of the Towns of Northfield and the Town of Royalston must be on the MassDOT Approved Contractor List and also have International Municipal Signal Association (IMSA) Certification as a Traffic Signal Electrician Level II.

TEMPORARY PORTABLE SIGNAL TRAILERS

Temporary portable signal trailers shall conform to the MassDOT Qualified Traffic Control Equipment (QTCE) list, and Subsection 850 of the Standard Specifications. Shop drawings of the equipment and proposed signal head and equipment mountings shall be provided to, and approved by, the Engineer prior to implementation of any temporary traffic signal setups.

POWER SUPPLIES

The Contractor shall determine the method by which components of the temporary signal systems will be energized and shall provide additional power sources where appropriate, including but not limited to solar panels, backup battery packs, and/or generators.

If hard-wire AC connection is to be utilized to supply power to the temporary signal because solar panels, backup battery packs, or generators are not feasible, as soon as notice to proceed with construction is given the electrical Contractor shall submit a request to the servicing utility company for electrical service for use for temporary traffic signal systems on behalf of the MassDOT. The Contractor shall determine the exact locations from the servicing utility, arrange to complete the service connections (if used), and be responsible for all charges incidental thereto.

SIGNAL HEADS

Signal heads for locations with temporary traffic signals shall be mounted on portable signal trailers. All traffic signal lenses shall be 12" in diameter unless otherwise noted on the plans. Louvered backplates shall be 5" and provided on all signal heads where noted on the plans. All signal heads shall be equipped with light emitting diode (L.E.D.) 12" modules as noted on the plans.

Signal heads shall be made of aluminum. Signal heads shall be installed with cut tunnel visors unless otherwise noted on the plans.

ITEMS 816.82 and 816.83 (Continued)**Red, Yellow, and Green LED Vehicle Signal Modules**

The LED module shall be an approved item from MassDOT's Traffic Control Devices Approved Equipment List. See "Traffic Signal Controls" under "Qualified Construction Materials" on the Department website:

<https://www.mass.gov/lists/massdot-qualified-traffic-control-equipment-qtce>

If the LED module conforms to the latest ITE performance specifications and is Energy Star compliant, it may be submitted for approval to be placed on the Traffic Control Devices Approved Equipment List. See the above list link for instructions.

To prevent the LED module warranty from being voided, the connecting leads on the module shall not be cut. The original LED module leads shall be connected to the signal head terminal block as continuous wire without splices.

The LED signal module will be replaced or repaired by the manufacturer if it exhibits one of the following:

- A failure due to workmanship or material defects within the first 60 months of field operation.
- A greater than 40 percent light output degradation or a fall below the minimum intensity levels (as defined by the latest ITE performance specifications) within the first 36 months of field operation.

EMERGENCY VEHICLE PREEMPTION

The emergency vehicle preemption control system shall consist of a data-encoded phase selector to be installed as part of the temporary traffic signal control system. This unit will serve to validate, identify, classify and record the signal from the optical detectors located on support structures at the intersection. Upon receiving a valid signal from the detector, the phase selector shall generate a preempt call to the controller initiating a preemption operation as shown on the plans.

The Contractor shall install a confirmation strobe at the traffic signal location as shown on the plans.

The following description of work specifies the responsibilities involved in the installation of an optical Emergency Vehicle Preemption system.

The Contractor is required to supply material and labor, required or shown, for the complete installation of optical preemption equipment including optical detectors, cable, interfacing equipment to the local controller, making electrical connections and all required incidentals.

Prior to ordering, the Contractor shall coordinate with the Towns of Northfield and Royalston to ensure that the new pre-emption equipment is compatible with the Towns' existing pre-emption equipment.

ITEMS 816.82 and 816.83 (Continued)

The following are the optical requirements of the emergency preemption system:

The Contractor shall arrange for a trained representative of the manufacturer of the preemption equipment to perform the following field supervision and turn-on services.

The representative shall demonstrate the system and instruct the drivers of fire-fighting vehicles in the operation of the system. Any operation problems occurring within the next 30 days shall be corrected by the Contractor or by a Field Service Representative if the Contractor cannot do so.

The performance of these field supervision and turn-on services shall be included in these Items. Preemption System design and Documentation shall include the following:

Provide the controller manufacturer, Engineer, and Owner with electrical diagrams.

The installer shall install the equipment consistent with the preemption equipment, the manufacturer's recommended installation procedures and electrical diagrams in a neat and workmanlike manner.

The preemption equipment manufacturer shall be responsible for operational checkouts of the specified preemption functions prior to final acceptance and approval.

Operating checkouts includes the following:

- Verifying that the priority system timing and range are properly set.
- Preemption equipment warranties are put into effect.
- Signal Timing and Sequence under Preemption Control. See preemption data as shown on the Construction Signal Timing Plan(s).

FLASHING OPERATION

The controller shall be equipped with a separate emergency flashing mechanism capable of providing flashing operation at the rate of 50 to 60 flashes per minute. This mechanism shall be implemented so that it will continue to cause the signals to flash even when the basic controller is removed.

Flashing operations and transition requirements shall be in accordance with Section 4E of the MUTCD and shall be as shown on the Plans.

FLASHER

Solid State Flashers shall comply with Subsection 6.3.3 of the latest NEMA TS 2 Standard and be equipped with two output indicator lights which will show flashing power out to the temporary signal assembly.

ITEMS 816.82 and 816.83 (Continued)**FLASH TRANSFER RELAYS**

Flash transfer relays shall comply with Subsection 6.4 of the NEMA TS 2 Standard.

The field electrical loading for flash operation shall be wired through the transfer relays such that the load on the 2-circuit flasher is as balanced as possible within the limitations of the signal phasing.

TRAFFIC SIGNAL CONTROLLER

The controller unit shall be a keyboard-entry menu-driven unit conforms to the Standard Specifications, with internal time base coordination, emergency preemption, and programmatic capability. The controller shall also be complete with a module for closed loop system functions.

The controller unit shall meet all applicable requirements of the Department's 2026 Standard Specifications and supplemental specifications.

The controller shall be complete with a module, including modem card and physical connector to support future closed loop communication.

BUS INTERFACE UNITS

The Bus Interface Unit (BIU) shall comply with Section 8 of the NEMA TS 2 Standard. The BIU shall be fully interchangeable with any other manufacturer's unit.

At a minimum the BIU shall perform the interface function between Port 1 at the controller unit, the malfunction management unit, detector rack assembly, and the backpanel terminal and facilities. The temporary signal systems shall be supplied with the appropriate number of BIUs required to provide an operating traffic control signal according to the plans and these specifications.

As a minimum, two (2) LED indicators shall be provided on the BIU front panel. One indicator shall serve a dual use; as a power on indication and as a diagnostic indicator for proper operation of the device. The second indicator shall serve as a transmit indicator illuminating each time data is transmitted.

MALFUNCTION MANAGEMENT UNITS

The malfunction management units (MMU) shall comply with Section 4 of the NEMA TS 2 standard. The MMU shall be capable of operating as either a Type 16 with 16 channels (8 vehicle, 4 pedestrian, 4 overlap) or a Type 12 with 12 channels (8 vehicle, 4 overlap). The MMU's supplied shall be configured to operate as Type 16 units.

The MMU shall be connected directly to the controller unit to support enhanced MMU monitoring of controller operations.

MMU must be compatible with Flashing Yellow Arrow (FYA) and Driveway Assistance Devices.

ITEMS 816.82 and 816.83 (Continued)**VIDEO VEHICLE DETECTION**

This specification sets forth the minimum requirements for a system that detects vehicles on a roadway using only video images of vehicle traffic. The system shall be installed by technicians that have been trained and certified by the manufacturer.

The video detection system at each intersection where video detection is proposed in the plans shall consist of: one video camera per approaching intersection leg, as specified in the plans, each with a video detection processor (VDP); an interface which mounts in a standard detector rack or as a stand-alone shelf mount unit; and a pointing device.

The video detection system shall be able to detect vehicles in multiple lanes. Detection zones shall be defined using only an on-board video menu and a pointing device to place the zones on a video image. Video detection system shall have the specified number of detection zones in the plan sheets for each of the relevant locations and pay items.

The VDP shall be capable of storing up to three different detection zone patterns.

The VDP shall detect vehicles in real time as they travel across each detector zone. When a vehicle is detected crossing a detection zone, confirmation of detection is with a distinct visual indication on the video overlay.

The VDP shall be capable of providing 2 channels of vehicle presence detection per system. The VDP shall provide dynamic zone reconfiguration (DZR).

The cable to be used between the VDP and the controller-connecting interface shall be three (3) twisted pairs and conform to IMSA Specification No. 39-2. The cable shall be a continuous unbroken run from the VDP to the ICC. The cable, and installation tools shall be approved by the supplier of the video detection system, and the manufacturer's instructions must be followed to ensure proper connection.

The video detection system shall be installed by certified factory installers and as recommended by the supplier and documented in installation materials provided by the supplier. Proof of factory certification shall be provided.

The supplier shall maintain an adequate inventory of parts to support maintenance and repair of the video detection system. These parts shall be available for delivery within 30 days of placement of an acceptable order at the supplier's then current pricing and terms of sale for said parts. The supplier shall maintain an ongoing program of technical support for the video detection system. This technical support shall be available via telephone, or via personnel sent to the installation site upon placement of an acceptable order at the supplier's then current pricing and terms of sale for on-site technical support services.

ITEMS 816.82 and 816.83 (Continued)**SPARE EQUIPMENT**

The Contractor shall provide the following spare signal equipment for each of the temporary traffic signal controllers, equipment listed below:

- Two (2) Bus Interface Units (BIU's)
- Two (2) Type C, 2-Channel Card Rack Two (2) Video Detection Processor Cards

SURGE SUPPRESSION

Each temporary signal control system shall have each input and output surge protected except signal outputs from load switches. (The load switches act as surge suppressors.)

The surge protector must be electrically connected to the nearest grounded metal structure or nearest ground rod.

Surge protection for power service shall conform to the NEMA TS-2 standard. The product complies when a lab report summary from an independent test laboratory stating the product passes the current NEMA TS-2 (5.4.2.4) specification is submitted with the shop drawings.

Surge protection for all pre-emption connections shall have peak surge current protection of at least 10kA with a response time of less than 5 nanoseconds. The product complies when a lab report summary from an independent test laboratory stating the product passes this specification is submitted with the shop drawings.

BASIS OF PAYMENT

Items 816.82 and 816.83 will be paid for at the respective Contract LUMP SUM price, which prices shall include all labor, material, equipment, shop drawing preparation and submittal, manufacturer's representative, and all incidental costs required to complete the work to provide a working traffic control signal system at the specified location. Installation of service connections (if used), conduit, alternate power sources such as generators and/or solar panels, and wiring shall be considered incidental to Items 816.82 and 816.83.

All additional materials and labor required to complete the work shall be considered as incidental to the construction and be included in the lump sum prices.

ITEM 853.33 TEMPORARY BARRIER – LIMITED DEFLECTION (TL-3) FOOT

The work under this Item shall conform to the relevant provisions of Subsection 853 of the Standard Specifications and shall consist of furnishing, installing, maintaining and final removal of limited deflection TL-3 temporary barrier systems for channelization of traffic and/or work zone protection.

Limited deflection temporary barrier systems shall have a maximum combined working width of 33 inches which includes the width of the barrier plus the dynamic deflection and in all cases the clear area available behind the barrier shall be greater than the dynamic deflection of the barrier system. The barriers shall be used in areas where the available clear area behind the barrier systems to obstructions or vertical drop-offs is greater than the anticipated barrier deflection.

Materials

The Contractor shall use a temporary barrier system that meets the requirements of Subsection 853 and is listed on the Qualified Traffic Control Equipment List that meets the specified working width indicated above and the minimum requirements of the AASHTO Manual on Assessing Safety Hardware (MASH) at Test Level (TL) 3 or higher.

The Contractor may submit alternate materials to the Engineer for approval if the limited deflection temporary barrier system meets the following criteria:

1. The system has been tested by an independent laboratory that is accredited by FHWA to crash test roadside hardware;
2. The system meets the minimum requirements of the AASHTO *Manual on Assessing Safety Hardware* (MASH) at Test Level (TL) 3 or higher; and
3. The system has a federal-aid eligibility letter from FHWA.
4. The system meets the above envelope criteria.

Copies of the testing results and the federal-aid eligibility letter shall be submitted and approved by the Engineer prior to procurement of an alternate temporary barrier system.

The Contractor shall supply shop drawings to confirm the available clear area behind the barrier equals or exceeds the maximum dynamic deflection of MASH Test 3-11 during testing procedures taken at an independent laboratory that is accredited by FHWA to crash test roadside hardware. The Contractor shall maintain the MassDOT Bridge Section preference for edge of deck to be located at least 2x the dynamic deflection to edge of non-bolted barrier system.

Delineators shall be installed on all limited deflection temporary barrier systems in conformance with the relevant provisions of Section 853.43 and shall be incidental to the temporary barrier systems.

ITEM 853.33 (Continued)

Temporary impact attenuators (paid under Item 628.305) that are listed on the Qualified Traffic Control Equipment List shall be used whenever a blunt end of the limited deflection temporary barrier system is facing traffic within the clear zone unless it is protected by a second barrier system or secured to a separate barrier system or bridge railing by a method approved by the manufacturer.

Construction Methods

Limited deflection temporary barrier systems shall be placed in line with the drawings. Installation shall be per the manufacturer's specifications, details, and the approved shop drawings.

The Contractor shall not place any breaks in the limited deflection temporary barrier system that will result in sections that are shorter than the stated minimum length-of-need (LON) under MASH Test 3-11. Exceptions shall be allowed for gate systems or changeable length segments placed over expansion joints if those barrier segment types have been tested and meet the minimum requirements of MASH Test 3-11 with the adjoining limited deflection barrier system.

Within the LON section, limited deflection temporary barrier systems shall only be placed on paved surfaces unless otherwise tested and certified under MASH TL-3 for those conditions.

Damage to the pavement surface caused by the limited deflection temporary barrier during installation, while in service, and/or during removal shall be repaired as directed by the Engineer at the Contractor's expense.

Barrier systems selected that require anchorage systems on the new proposed bridge deck shall minimize the number of anchorage locations to the greatest extent possible. Where the bridge barrier is anchored to the proposed bridge deck, the anchor holes shall be filled with non-shrink grout upon removal of the barrier.

METHOD OF MEASUREMENT

Item 853.33 shall be measured for payment by the FOOT of temporary barrier-limited deflection(TL-3) installed, maintained, and removed.

BASIS OF PAYMENT

Item 853.33 will be paid for at the Contract unit price per FOOT, which price shall include all labor, material, equipment, and all incidental costs required to complete the work.

For limited deflection temporary barrier systems that require anchorage systems, the cost of furnishing and installing the anchorage and hardware and the restoration of the proposed bridge deck, pavement surfaces or adjacent permanent barrier systems to facilitate anchorage shall be considered incidental to the cost of this Item.

ITEM 859.1 **REFLECTORIZED DRUMS WITH SEQUENTIAL** **DAY**
FLASHING WARNING LIGHTS

The work under this Item shall conform the relevant provisions of Subsection 850 of the Standard Specifications and the following:

Work under this Item consists of furnishing, installing, maintaining in proper operating conditions, and removing reflectorized drums, and any necessary ballast, equipped with sequential flashing warning lights.

MATERIALS

Reflectorized drums shall be listed on the MassDOT Qualified Traffic Control Equipment List. Reflective sheeting on drums shall meet or exceed ASTM D4956 Type VIII. All drums shall be maintained in a satisfactory manner including the removal of oils, dirt, and debris that may cause reduced retroreflectivity.

The Contractor shall use one of the following sequential flashing warning light systems unless otherwise approved by the Engineer:

1. Empco-Lite LWCS.
2. pi-Lit® Sequential Barricade-Style Lamp; or
3. Unipart Dorman SynchroGUIDE.

Sequential flashing warning lights shall be secured to reflectorized drums per the light manufacturer's specifications.

CONSTRUCTION METHODS

The first ten (10) drums in any merging or shifting taper as designated in the Temporary Traffic Control Plan shall be equipped with sequential flashing warning lights. These lights shall be operating, at a minimum, between dusk and dawn when the taper is deployed.

The successive flashing of the sequential warning lights shall occur from the upstream end of the merging or shifting taper to the downstream end of the taper in order to identify the desired vehicle path. Each warning light in the sequence shall be flashed at a rate of not less than 55, nor more than 75 times per minute.

Warning lights shall be powered off when drums are not deployed in a taper.

METHOD OF MEASUREMENT

A group of ten (10) reflectorized drums with sequential flashing warning lights is considered one (1) unit and will be measured by the day. Each period of up to 24 hours during which this unit is in use will be measured as one day regardless of the number of times that the drums are positioned, repositioned, removed, or returned to service.

BASIS OF PAYMENT

Reflectorized Drums with Sequential Flashing Warning Lights will be paid for at the Contract unit price per day, which shall include full compensation for furnishing, positioning, repositioning, and removing the group of ten (10) drums as directed by the Engineer.

ITEM 905.2 **5000 PSI, 3/8 INCH, 710 HP CEMENT CONCRETE** **CUBIC YARD**

The work under this Item shall conform to the relevant provisions of Subsection 901 of the Standard Specifications and the following:

The work under this Item shall consist of forming and placing 5000 PSI, 3/8 inch HP Cement Concrete. This Item shall be used for patching after all deteriorated and/or unsound concrete is removed under Items 127.1, 127.12, and 127.13.

All existing concrete surfaces that will be in contact with the proposed concrete shall be prepared in accordance with PREPARATION OF CONCRETE SURFACES.

All formwork shall be approved by the Engineer prior to concrete placement.

Surfaces that are adjacent to the placement shall be protected with drop cloths, waterproof paper, or other means to maintain them free of material splashes, water, and debris.

METHOD OF MEASUREMENT

Item 905.2 will be measured for payment by CUBIC YARD of 5000 psi, 3/8 inch, 710 HP cement concrete placed, complete in place.

BASIS OF PAYMENT

Item 905.2 will be paid for at the Contract unit price per CUBIC YARD, which price shall include all labor, materials, equipment, surface preparation, protective sealing, and all incidental costs required to complete the work.

No separate payment will be made for the installation of subsequent removal of any formwork, coating/patching of the steel reinforcing, but all costs in connection therewith shall be included in the Contract unit price bid.

ITEM 910.1 **STEEL REINFORCEMENT FOR STRUCTURES -** **POUND**
EPOXY COATED

The work under this Item shall conform to the relevant Provisions of Subsection 901 of the Standard Specifications and the following:

All requirements of Subsection 901.35 Reinforcement shall be adhered to, including but not limited to lapping at splices and ties at every other intersection.

The Contractor may be required to submit for approval, detail plans and schedule of bar reinforcement. The Contractor will replace reinforcing bars as directed by the Engineer. Any reinforcing steel damaged by the Contractor's operations will be replaced by the Contractor at their own expense.

METHOD OF MEASUREMENT

Item 910.1 will be measured for payment by the POUND for the actual number of pounds of steel reinforcement for structures - epoxy coated installed, complete in place.

BASIS OF PAYMENT

Item 910.1 will be paid for at the Contract unit price per POUND, which price shall include all labor, materials, tools, equipment, and all incidental costs required to complete the work.

<u>ITEM 961.301</u>	<u>CLEAN (FULL REMOVAL) AND PAINT</u> <u>STEEL BEAM ENDS BRIDGE NO. G-04-011 (0PY)</u>	<u>SQUARE FOOT</u>
<u>ITEM 961.302</u>	<u>CLEAN (FULL REMOVAL) AND PAINT</u> <u>STEEL BEAM ENDS BRIDGE NO. R-12-013 (167)</u>	<u>SQUARE FOOT</u>
<u>ITEM 961.303</u>	<u>CLEAN (FULL REMOVAL) AND PAINT</u> <u>STEEL BEAM ENDS BRIDGE NO. N-22-009 (0MW)</u>	<u>SQUARE FOOT</u>
<u>ITEM 961.304</u>	<u>CLEAN (FULL REMOVAL) AND PAINT</u> <u>STEEL BEAM ENDS BRIDGE NO. W-39-006 (181)</u>	<u>SQUARE FOOT</u>

The work under these Item shall conform to the relevant provisions of Subsection 961 of the Standard Specifications, and the following:

The work under these Items includes the surface preparation and painting of all designated steel areas, including but not limited to beams, connection plates, utility supports, bearings and from the end of the girders to 12" beyond the end of the steel end repair, as shown on the plans and as directed by the Engineer.

The area for clean and paint steel beam ends shall be the horizontal and vertical plane areas to the limits of the over-painted area to complete repairs.

The Contractor shall also inspect the bridge prior to submitting a bid to assess the condition of any utilities that might be found between the bays. Special care may be needed to protect the utilities, and any such special care will be considered incidental to these Items.

After structural steel repairs have been completed, the entire repair area, including previously cleaned exposed steel surfaces, new repair plates, and additional steel, shall be abraded. Cleaning and preparing new bolts and nuts used in the installation of structural steel repairs shall also be considered incidental.

All steel surfaces within the limits shall receive three (3) full coats of paint (primer, intermediate, and finish) of a system selected from the NEPCOAT "B" list, Protective Coatings for New and 100% Bare Existing Steel for Bridges.

The finish coat shall be Federal Standard Color #595C, Green unless otherwise specified. The colors of the primer, intermediate and finish coats shall have a definite color contrast between them and be subject to the approval of the Engineer.

The Contractor shall over-coat by three (3) inches the previously painted areas with the final coat of the three coat system. However, the over-coated surfaces must be surface prepared in accordance with the manufacturer's specifications to ensure a proper bond of the new paint to the existing paint.

ITEMS 961.301, 961.302, 961.303, and 961.304 (Continued)

The Contractor should note that some steel repairs made under previous contracts may have been painted with previously approved paint systems and shall be properly abraded to assure a proper bond. There may also be some repairs made with just shop primer on them, these areas also are to be abraded as required to assure a proper bond.

Construction Methods

The Contractor shall clean all exposed surfaces of abutment seats and pier caps by power washing with water pressure not less than 2200 psi, at nozzle, and flow rate not less than 2.0 gallons of water per minute to the acceptance of the Engineer. All costs of cleaning abutment seats and pier caps including debris collection & removal, disposal and pressure washing shall be considered incidental to these Items.

Incidental to these Items will be the cleaning and removal of any accumulated materials in the areas to be cleaned and painted.

Structural Steel Inspection

The Contractor shall notify the Engineer if significant amount of section loss is found on the structural steel during the cleaning and blasting process. If requested by the Engineer, the Contractor shall provide the access and time window to the Engineer to inspect and document the structural steel section loss after the cleaning and blasting operation.

METHOD OF MEASUREMENT

Item 961.301, Item 961.302, Item 961.303, and Item 961.304 will be respectively measured for payment by the SQUARE FOOT of steel beam ends cleaned and painted, complete in place.

BASIS OF PAYMENT

Item 961.301, Item 961.302, Item 961.303, and Item 961.304 will be paid for at the respective Contract unit price per SQUARE FOOT, which prices shall include all labor, materials, equipment, and all incidental costs required to complete the work.

Payment areas considered incidental shall include any existing stiffeners, diaphragms, and cross bracing remaining in place cleaned and painted, new vertical projections from additional steel thickness of repair plates, bolts, nuts, or additional stiffeners. Incidental to these Items are all costs associated with the design and installation and final removal of the required containment system/work platform and working barge.

All costs for Hazardous Waste removal shall also be included in the square foot cost of these Items. The Engineer shall receive a copy of the hazardous waste manifest before final payment is made.

All costs associated with the safe removal and disposal of accumulated pigeon waste are incidental to these Items and no additional compensation will be made.

ITEM 961.301, 961.302, 961.303, and 961.304 (Continued)

Additionally, incidental to these Items, after the final coat of paint has cured, a seal shall be placed around the edges of all high strength bolted repair plates in contact with original steel. The seal shall be compatible with the paint system being used. The Contractor shall submit a catalogue of the material to be used to the District for review and approval prior to use.

SPECIAL NOTES REGARDING PREVAILING WAGE REQUIREMENTS

Note that the erection and dismantling of scaffolding, rigging and containment for bridge painting work is subject to the “Painter(Bridges/Tanks)” prevailing wage rate. This includes surface preparation, including removal of all types of paint on bridges, the application of paint and the clean-up of debris resulting from paint removal operation on bridges, pursuant to the determination by the Massachusetts Department of Labor Standards’ 12/23/2009 “Notice Concerning the Removal and Application of Paint on Bridges and Tanks.”

ITEM 964.1**EPOXY BONDING COMPOUND****SQUARE FOOT**

The work under this Item shall conform to the relevant provisions of Subsection 901 of the Standard Specifications and the following:

The work under this Item consists of furnishing and applying epoxy bonding compound to the cleaned surfaces of existing concrete that are to be bonded to fresh concrete and as required by the Engineer.

The epoxy bonding compound shall be applied in accordance with the provisions of Subsection 901.68 C and in accordance with the manufacturer's recommendations. It shall also meet the requirements of Materials Subsection M4.05.5 (AASHTO M235 Type V, grade, and class).

In order to ensure forms can be installed and concrete placed before the epoxy bonding compound hardens, the forms shall be installed at least once prior to application of the epoxy bonding compound. If the bonding compound prematurely hardens, additional bonding compound shall be reapplied in accordance with the manufacturer's recommendations.

Products used for this Item shall be approved by the Engineer prior to Contractor operations.

MATERIAL

Item 964.1 shall meet requirements of Materials Specifications Subsection M4.05.5 of the Standard Specifications.

Item 964.1 shall be a 2-component, 100% solids, moisture insensitive, epoxy resin system, which shall be used as a bonding adhesive to bond newly placed Cement Concrete to surfaces of sound, hardened concrete.

The Contractor shall furnish notarized certification that the epoxy bonding compound conforms to the above requirements. In addition, a sample of the epoxy bonding compound proposed for use shall be submitted to the Department's Research and Materials Section for approval. This sample must be submitted at least six weeks prior to scheduled use.

CONSTRUCTION METHODS**Preparation of Concrete Surfaces**

All surfaces to be patched with cement concrete must be clean and sound. Surfaces shall be free of standing water. The entire surface to be bonded shall be blast cleaned to remove any laitance, dirt, grease, oil, or other contaminants.

Mixing Epoxy Compound

Components "A" and "B" of the epoxy-resin system shall be mixed in exact accordance with the Manufacturer's instructions.

The area to be overlaid shall be covered with one coat of the epoxy compound, applied with long-nap paint rollers, brooms, brushes, or by spray. The rate of application shall be 80 sq. ft/gallon maximum, about 20 mils thickness, on smooth concrete. As the concrete increases in roughness, the rate of coverage decreases proportionately.

ITEM 964.1 (Continued)

While the epoxy compound is still tacky (4-5 1/2 hrs. at 73 degrees F), place the concrete. If the bonding compound should harden before the concrete is placed, reapply the epoxy compound in accordance with the manufacturer's recommendations.

Weather Limitations

The epoxy bonding compound shall be applied according to manufacturer's recommendations and as directed.

Epoxy Manufacturer's Field Representative

The Contractor shall coordinate with the epoxy manufacturer to have the services of competent field representative present at the work site.

The field representative shall be present at the work site to instruct the work crews, explain the inspection procedure and to inspect the condition of the prepared surfaces prior to mixing any epoxy compounds. The representative shall remain at the job site until after the Contractor has mastered the technique of installing the epoxy system successfully. The representative shall make periodic visits to the project as the work progresses and shall confer on each visit with the Contractor and the Engineer.

The manufacturer's field representative must be fully qualified to perform the work and shall be subject to the approval of the Engineer. At the discretion of the Engineer, the services of the manufacturer's representative may not be required when in the opinion of the Engineer, the Contractor has demonstrated a thorough understanding and successful execution of the work procedures.

The Contractor shall be completely responsible for the expense of the services of the required field representative and the contract bid price shall be full compensation for all costs in connection therewith.

METHOD OF MEASUREMENT

Item 964.1 will be measured for payment by the SQUARE FOOT of bonding compound installed, complete in place.

BASIS OF PAYMENT

Item 964.1 will be paid for at the Contract unit price per SQUARE FOOT, which price shall include all labor, materials, equipment, and all incidental costs required to complete the work. The cost of providing the manufacturer's field representative shall be incidental to Item 964.1.

ITEM 964.3 **ELASTOMERIC PROTECTIVE COATING** **SQUARE FOOT**

The work under this Item shall consist of applying a minimum of two coats of an elastomeric acrylic protective coating to bridge copings and the above grade surfaces of the substructure components and other locations as directed by the Engineer.

A total dry film thickness (DFT) of 16 mils shall be required.

The acrylic protective coating shall be breathable, durable, flexible, and color retentive. It shall provide protection and be resistant to weathering, carbon dioxide, chlorides, UV light, wind driven rain, dirt pick up and mildew. It shall also bridge hairline cracks up to 1/32". The acrylic protective coating system shall be one of the following or an approved equal:

- SikaGard 550W Elastocolor by Sika Corp.
- Flexxide Elastomer by Carboline
- Colorlastic by ChemMasters

The proposed coating product shall be submitted to the Engineer for approval. The Contractor shall submit the proposed application procedures and Manufacturer's Product Data Sheet(s) that completely describe the product. The color of the coating shall "Gray" for the substructure. This color is from the SikaGard Color Chart. This color must be exactly reproduced as certified by the manufacturer in order to be allowed to use the Flexxide or Colorlastic coatings (at this time Flexxide has matching color samples that have been pre-approved).

Preparation and Protection of Surfaces

All vegetation growing adjacent to or within the limits of the concrete surfaces to be coated shall be removed and properly discarded. All debris adjacent to or within the limits of the concrete surfaces to be coated shall be removed and properly discarded.

All surfaces to be coated must be dry, clean, sound, and free of all contaminants that could interfere with adhesion of the coating. All loose material shall be removed. If directed by the Engineer, the Contractor shall repair any holes and any spalled and damaged concrete prior to applying the coating. All concrete repair areas shall be cured for a minimum 28 days before coating.

The Contractor shall pressure wash all concrete surfaces to be coated. The pressure washer shall operate at a minimum of 3,000 psi. The protective coating shall not be applied until the surface is dry and the surface preparation has been approved by the Engineer. All concrete to be coated must be tested for the presence of moisture after the surface preparation has been completed and prior to application of coating. Testing shall be in accordance with ASTM D 4263.

Application

Application shall be done by airless sprayer or roller or a combination of both and in accordance with the manufacturer's recommendations. The use of a primer shall not be required unless stipulated for that particular coating by the manufacturer. A minimum of two coats shall be applied to achieve a total DFT of 16 mils. The recommended minimum wet film thickness (WFT) must be maintained during each application. The manufacturer's specified temperature and weather limitations for the application shall be strictly adhered to.

ITEM 964.3 (Continued)**METHOD OF MEASUREMENT**

Item 964.3 will be measured for payment by the SQUARE FOOT for all concrete surfaces to which the elastomeric protective coating is applied, complete in place.

BASIS OF PAYMENT

Item 964.3 will be paid for at the Contract unit price per SQUARE FOOT, which price shall include all labor, materials, tools, equipment, preparation and protection of surfaces, wet/dry film thickness gauge for the use by the Engineer, and all incidental costs required to complete the work.

ITEM 973.2**PRE-COMPRESSED JOINT SEAL****FOOT**

The work under this Item shall conform to the relevant provisions of Subsections 971 and 972 of the Standard Specifications, and the following:

The work under this Item shall consist of furnishing and installing preformed, pre-compressed, self-expanding, sealant system with silicone pre-coated surface at locations as noted in this special provisions and specified by the Engineer.

The intent of this specification is to retain the components of the existing expansion joints to the maximum extent possible, and to replace only the existing seal or backer rod and sealant in the bridge deck or parapet.

The pre-compressed seal system shall be installed in parts the bridge joint horizontal section, the curb unit section and the bridge parapet unit section.

All joint sealing material shall be capable of accommodating movements of +50%, -50% (100% Total) of nominal material size.

The preformed, pre-compressed, self expanding, sealant system with silicone pre-coated surface shall be comprised of three components: 1) cellular polyurethane foam impregnated with hydrophobic 100% acrylic (to be certified in writing by independent laboratory tested FTIR and DSC analysis to be free in composition of any waxed or wax compounds), water based emulsion factory coated with highway-grade, fuel resistant silicone; 2) field-applied epoxy adhesive primer; 3) field injected silicone sealant bands. Impregnation agent is to have proven non-migratory characteristics. Silicone coating to be highway-grade, low-modulus, fuel resistant silicone applied to the impregnated foam sealant at a wider greater than maximum allowable joint extension and which when cured and compressed will form a bellow. Size of the seal shall be as recommended by manufacturer for the specific location and may vary along the length of the joint. The foam seal shall be installed into manufacturer's standard field-applied epoxy adhesive. The seal system is to be recessed from the deck surface such that after the field applied injection band of silicone is installed between the substrates and the foam, the highest part of the pre-applied silicone facing will be below the deck surface as shown on the drawings.

Changes in plane and direction shall be executed using factory-fabricated or custom transition assemblies supplied by the same manufacturer of the preformed, pre-compressed, self-expanding, sealant system with silicone pre-coated surface. Transitions shall be warranted to be watertight at inside and outside corners through the full movement capabilities of the product.

Preparation of Area

When the pre-compressed joint system is used as the replacement seal for existing armored joint systems, the joint opening and surface of the existing armored joint steel angles shall be cleaned and abrasive blasted to meet the requirements of SSPC SP-10 "Near White Metal", inspected and approved by the Engineer. The preparation of the surface shall also include any required scraping to remove any delaminated steel areas prior to abrasive blasting. The Contractor shall install the new seal in accordance with the seal manufacturer's latest instructions and specifications.

ITEM 973.2 (Continued)**Construction Method**

Prior to installation of the joint system, the joint opening should be blown clean using compressed air. The compressed air shall be free of moisture and oil. To ensure cleanliness, the joint walls shall be wiped clean with an approved solvent dampened, lint free rags, to the depth of the bottom of the pre-compressed seal material plus 1" to remove any dust remaining. The joint gap shall be inspected for cleanliness by The Engineer. Should any contaminates remain, the joint must be re-cleaned.

The preformed, pre-compressed, self-expanding, sealant system with silicone pre-coated surface shall be continuous through parapets as appropriate to the conditions at hand. Continuity of seal shall be achieved through the use of factory-fabricated universal or custom transitions supplied by the preformed, pre-compressed, self-expanding, sealant system with silicone pre-coated surface joint seal manufacturer.

Manufacturer's Field Representative

1. The Contractor shall arrange with the preformed, pre-compressed, self-expanding, sealant system with silicone pre-coated surface joint's manufacturer or distributor to have the services of a competent field representative at the work site prior to any installation to instruct the work crews in the proper installation procedures. The field representative shall remain at the job site after work commences and continue to instruct until the representative and the Contractor, Inspector and/or Engineer are satisfied that the crew has mastered the technique of installing the system successfully. The representative shall make periodic visits to the project as the work progresses and shall confer on each visit with the Contractor, Inspector and/or Engineer.
2. The manufacturer's field representative must be fully qualified to perform the work and shall be subject to the approval of the Engineer.
3. The Contractor shall be completely responsible for the expense of the service of the required field representative and the bid Contract price shall be full compensation for all costs in connection therewith.

Watertight Integrity Test

A watertight integrity test shall be required at each joint, as specified in Subsection 972.67 of the Standard Specifications.

METHOD OF MEASUREMENT

Item 973.2 will be measured for payment by the FOOT of precompressed joint seal installed as measured along the bridge joint horizontal section, the curb unit section and the bridge parapet unit section, with the measurement following the top surface of the seal, complete in place.

ITEM 973.2 (Continued)**BASIS OF PAYMENT**

Item 973.2 will be paid for at the Contract unit price per FOOT, which price shall include all labor and materials required for removal and installation of the new seal to include; Removal and proper disposal of the old seal, cleaning and preparation of the joint area (abrasive blasting, scraping, grinding, air blasting, solvent cleaning), installation of the new seal, and watertight integrity testing, regardless of the dimensions of joints at each bridge location. The unit bid price shall include all costs associated with providing the manufacturer's representatives and Engineering Services by the joint manufacturer for proper sizing of the joint materials.

Concrete excavation and repairs to existing concrete joint headers, if required, shall be paid under Item 106.09, Armored Steel Joint Modification; Item 127.1, Reinforced Concrete Excavation; and Item 905.2, 5000 PSI, 3/8 Inch, 710 HP Cement Concrete.

ITEM 974.3**METAL BRIDGE RAILING REMOVED****FOOT**

The work under this Item shall conform to the relevant provisions of Subsection 975 of the Standard Specifications, and the following:

This work under this Item shall consist of removing and disposing existing steel bridge railing at Bridge No. G-04-011 (0PY).

METHOD OF MEASUREMENT

Item 974.3 will be measured for payment by the FOOT of metal bridge railing removed.

BASIS OF PAYMENT

Item 974.3 will be paid for at the Contract unit price per FOOT, which price shall include labor, equipment, materials, disposal, and all incidental costs required to complete the work.

<u>ITEM 975.8</u>	<u>THRIE BEAM BRIDGE RAIL WITH HANDRAIL</u>	<u>FOOT</u>

The work t under this Item shall consist of the fabrication and installation of a Thrie Beam Bridge Rail system including Handrail. Work shall conform to the relevant provisions of Subsection 975 and Subsection 601 of the Standard Specifications and the following.

Thrie beam panels shall be 10-gauge panels unless noted otherwise on the plans and shall conform to AASHTO M 180 Class B and shall meet the other requirements of M8.07.0 and M8.07.1. Offset blocks shall be in accordance with M8.07.0.B.

The posts and base plates shall be in accordance with M8.05.9, except that components need not be painted, finish will be the galvanizing only.

Handrail pipes shall be ASTM A 500 Grade B, Galvanized in accordance with M7.10.0.

The bridge rail posts shall be installed into the existing bridge curbs with the use of the HILTI HIT RE-500V3 adhesive anchor system. The installation of anchors shall be in accordance with all manufacturer recommendations.

METHOD OF MEASUREMENT

Item 975.8 will be measured for payment by the FOOT of thrie beam bridge rail with handrail installed, complete in place, as measured along the face of the thrie beam between the center of the first and last post installed on and anchored to the curbs on each side of the bridge

BASIS OF PAYMENT

Item 975.8 will be paid for at the Contract unit price per FOOT, which price shall include all labor, materials, tools, equipment, disposal, and all incidental costs required to complete the work.

Separate measurement and payment will be made for each element of all Highway Guardrail at each of the four quadrants leading into or out of the bridge as indicated on the Contract drawings.

Cost for the handrail shall be considered incidental to this Item.

<u>ITEM 994.021</u>	<u>TEMPORARY PROTECTIVE SHIELDING</u> <u>(OUTSIDE FASCIA BEAM)</u>	<u>SQUARE YARD</u>
<u>ITEM 994.1</u>	<u>TEMPORARY PROTECTIVE SHIELDING</u>	<u>SQUARE FOOT</u>

The work under these Items consists of designing, furnishing and installing, maintaining, removing, and disposing of a protective shielding system on the outside fascia and under bridges in locations shown on the plans and as required by the Engineer. The shielding shall protect traffic and personnel on the bridge and the waterway below from falling debris.

No portion of the bridge deck shall be removed until the protective shielding is in place and complete.

All shielding shall meet the following requirements:

1. Temporary Protective Shielding must be used on bridges over waterways during full depth excavation and when, in the opinion of the Engineer, there is the possibility of dislodging concrete from the bottom of the deck, abutments, wingwalls, parapets or coping. In some cases, the Contractor may be able to utilize the bottom flanges of existing steel beams as supports for the protective shielding. However, the Contractor will not be permitted to weld onto, drill into, or cut any existing structural steel beams.
2. The Contractor shall submit drawings and calculations stamped by a Professional Engineer of the appropriate discipline registered in Massachusetts of the proposed temporary shielding to the Engineer for approval prior to its installation. The drawings shall include details of all connections, brackets, and fasteners. However, when the spacing between existing steel beams is 70 inches or less, the Contractor may utilize a wood plank shielding scheme.
3. Shielding shall be designed to safely withstand all loads that it will be subjected to. The allowable design stresses shall be in accordance with AASHTO Standard Specifications for Highway Bridges, 17th Edition. The design shall also include a description of the equipment and construction methods proposed for the deck, parapet, or coping excavation and the maximum size of the area being excavated. The shielding shall also be designed to withstand the maximum size of the excavated area should it fall during excavation or removal. No debris shall be swung over traffic, on or below the bridge.
4. Shielding shall be designed such that impact on traffic during installation and removal shall be minimal. The Contractor shall submit the traffic plan to the Engineer for approval.
5. The shielding shall extend a sufficient distance above and beyond the deck overhang at the fascia where concrete excavation is required outside the fascia beams. The shielding shall extend the length of the damaged or distressed portion of the deck a length of sufficient distance to do the required deck demolition. Also, the width of shielding shall completely extend over width of the river below and shall extend a minimum of one beam width in the transverse direction beyond the limits of the excavation.

ITEM 994.1 and 994.021 (Continued)

6. The area for shielding shall be approved by the Engineer prior to any installation of any shielding. The Contractor may utilize the bottom flanges of existing beams as supports for the protective shielding. However, the Contractor will not be permitted to weld onto, drill into, or cut any existing structural steel beams. All spaces along the perimeter of the shielding and at the seams shall be sealed to prevent dust, water, and debris from escaping and falling onto traffic below the bridge.

7. The Engineer may request that the shielding be designed so that it may also serve as false work (forms) for all areas of full-depth concrete replacement/repair.

8. The shielding shall be maintained and remain in place until the strength of the concrete used to repair the deck has cured and reached the design strength requirement, except where shielding needs to be removed and reset to install forming for the areas of full depth repair. The shielding shall remain the property of the Contractor and shall be removed by the Contractor from the site when no longer needed.

If the Contractor's operations damage any existing portions of the bridge that are to remain, such damage shall be repaired at the Contractor's own expense.

All materials used in the temporary shielding system shall become the property of the Contractor and shall be removed from the site upon the completion of the project.

METHOD OF MEASUREMENT

Item 994.021 will be measured for payment by the SQUARE YARD of temporary protective shielding (Outside fascia beam) installed, maintained, and removed upon completion of repair work.

Item 994.1 will be measured for payment by the SQUARE FOOT of temporary protective shielding installed, maintained, and removed upon completion of repair work.

BASIS OF PAYMENT

Item 994.021 will be paid for at the Contract unit price per SQUARE YARD, which price shall include all labor, materials, equipment, engineering design, submittals, removal and disposal all debris, shielding installation, maintenance, final removal upon completion of repair work, and all incidental costs required to complete the work.

Item 994.1 will be paid for at the Contract unit price per SQUARE FOOT, which price shall include all labor, materials, equipment, engineering design, removal and disposal all debris, shielding installation, maintenance, final removal upon completion of repair work, and all incidental costs required to complete the work.

Compensation to provide design of temporary protective shielding shall be incidental to these Items. All costs associated with the safe removal and disposal of accumulated pigeon waste and other toxic contaminants are incidental to these Items and no additional compensation will be made.

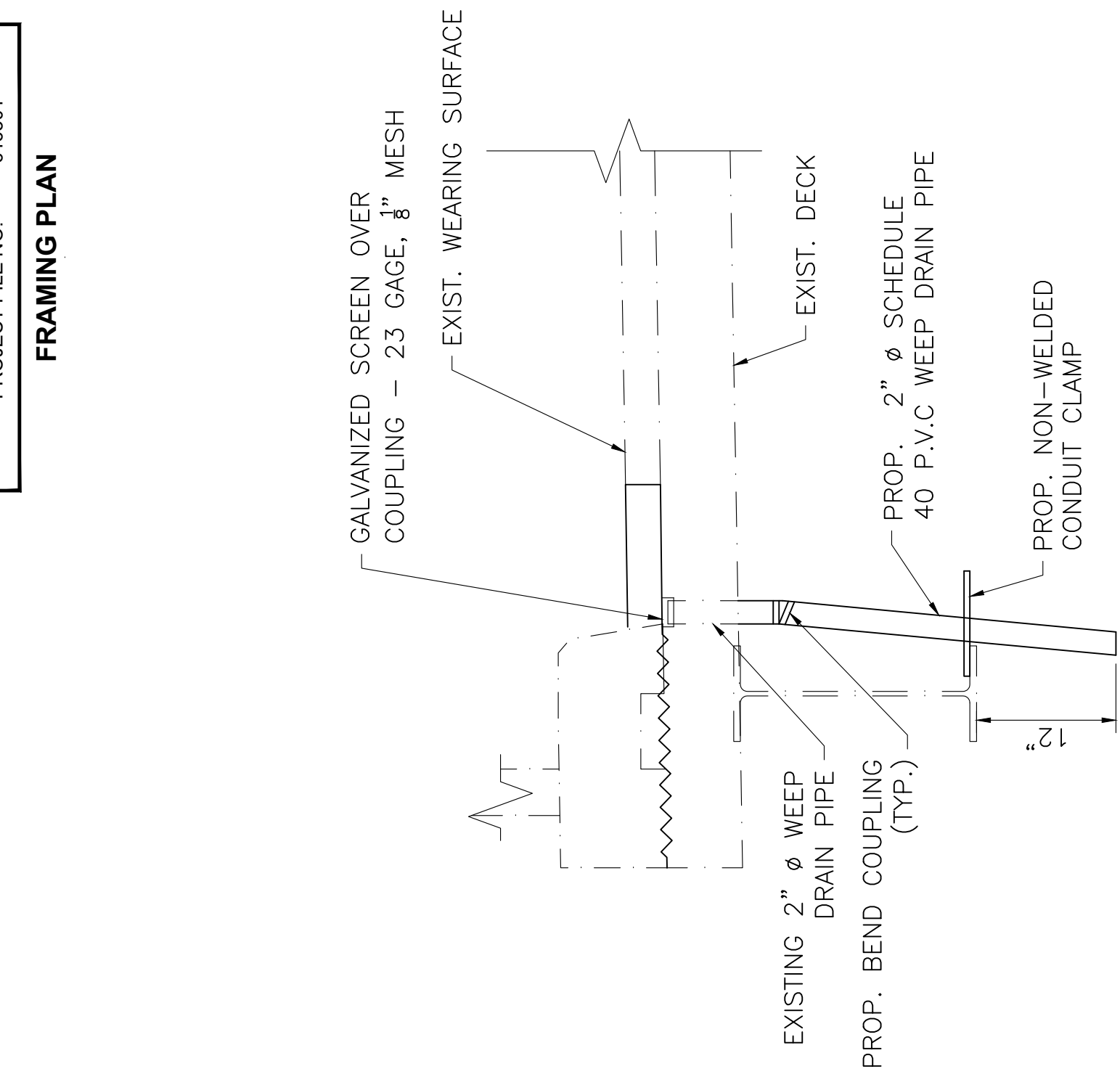
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DOCUMENT A00803

DRAWINGS AND SKETCHES

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GILL NORTH CROSS ROAD			
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	2	41
PROJECT FILE NO. 616301		FRAMING PLAN	

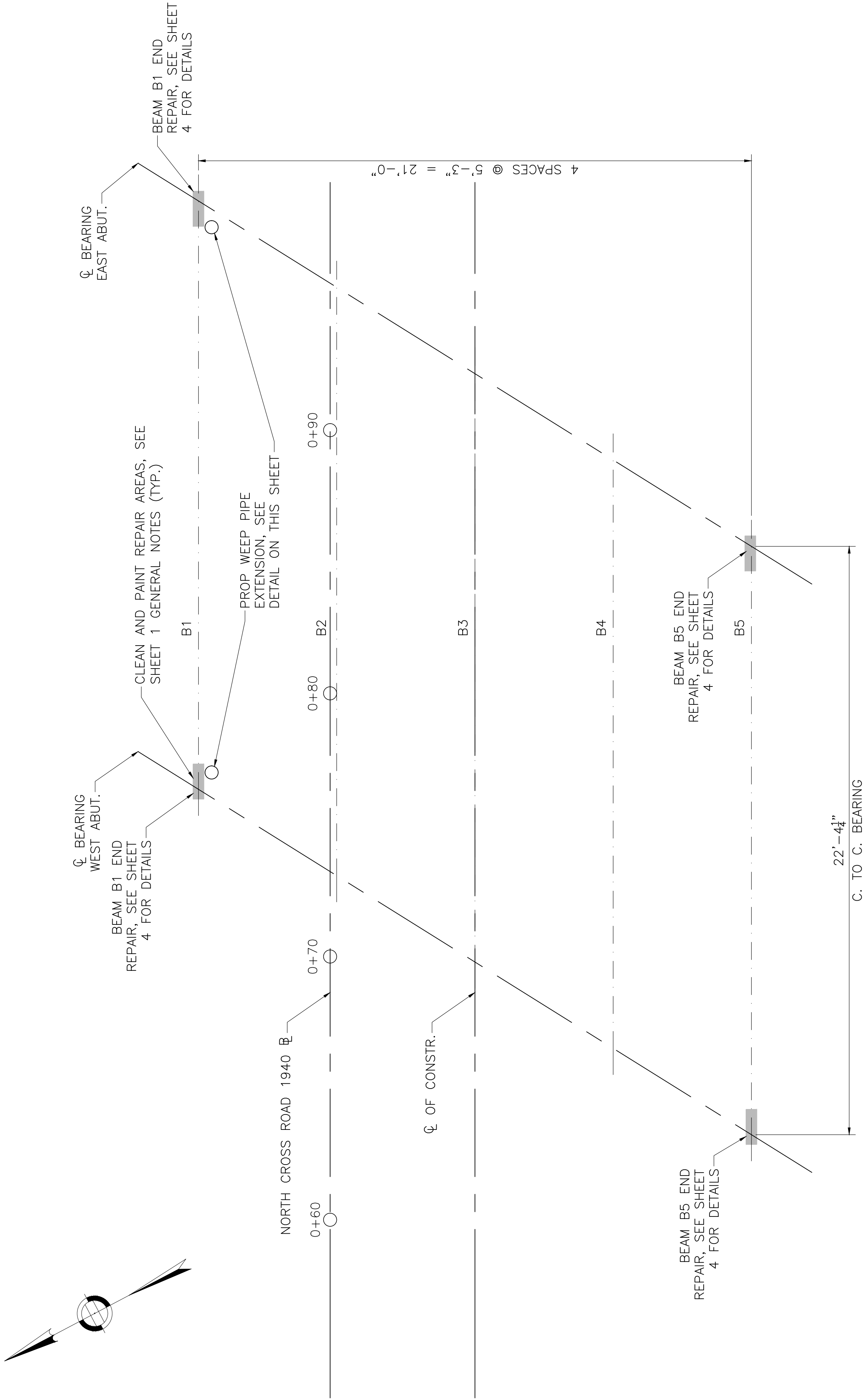


NOTES:

1. THERE IS 1 WEEP PIPE AT EACH LOCATION.
2. WEEP PIPES SHALL TERMINATE NO CLOSER THAN 3" FROM THE FACE OF THE ABUTMENT BREASTWALL.

WEEP PIPE EXTENSION

SCALE: 1" = 1'-0"



NOTE:
AFTER STEEL CLEANING HAS BEEN COMPLETED STEEL SHALL BE RE-EVALUATED AND ADDITIONAL STEEL REPAIRS SHALL BE DEVELOPED AS DIRECTED BY THE ENGINEER AS NECESSARY.

FRAMING PLAN

SCALE: 3/8" = 1'-0"

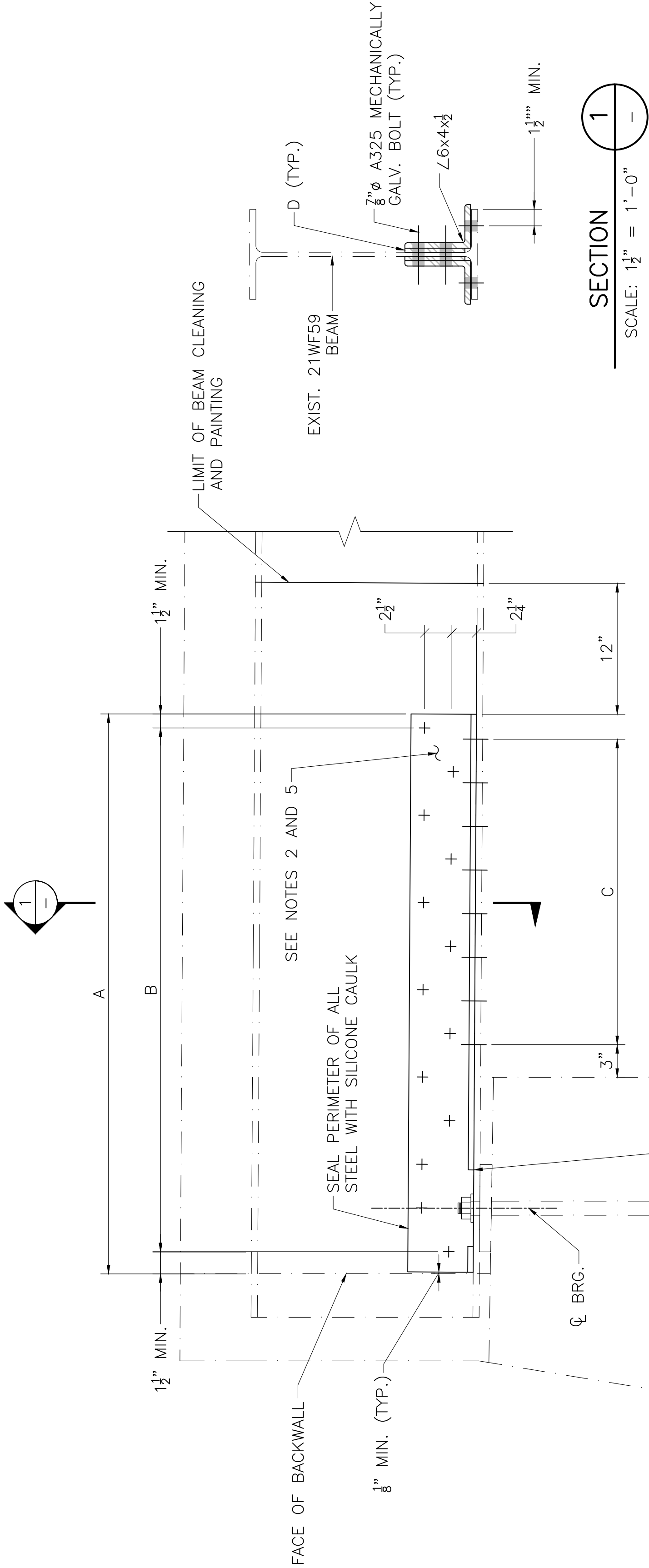
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

GILL				
NORTH CROSS ROAD				
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
MA	-	4	41	
PROJECT FILE NO.		616301		

STEEL REPAIR DETAILS

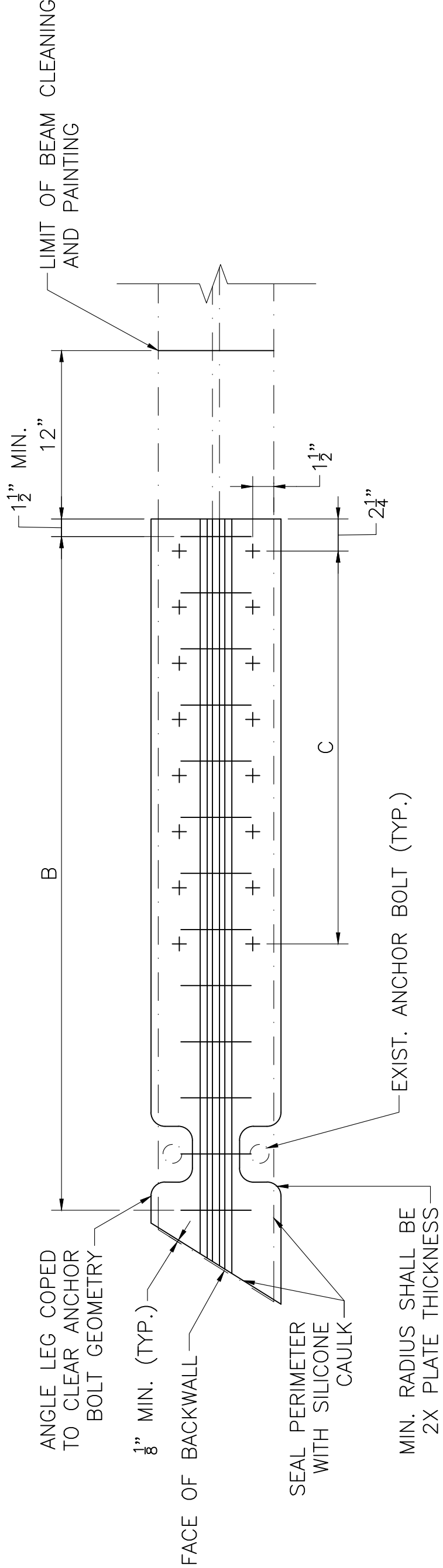
STEEL REPAIR NOTES:

- CLEAN THE CONTACT SURFACES OF EXISTING STEEL IN ACCORDANCE WITH SPECIAL PROVISIONS. THE CONTACT SURFACES SHALL BE FREE OF PAINT, OIL, AND GREASE; AND SHALL PROVIDE THE NECESSARY SLIP RESISTANCE FOR CLASS A SLIP CRITICAL CONNECTIONS.
- ENGINEER TO INSPECT CLEANED REPAIR AREA AND VERIFY REPAIR LIMITS BASED ON CONDITIONS EXPOSED BY CLEANING.
- THE BEAM SHALL BE INSPECTED FOR DAMAGE DUE TO CONTRACTOR OPERATIONS. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
- IN LOCATIONS WHERE HEAVY DETERIORATION HAS OCCURRED OR AS DIRECTED BY THE ENGINEER, EPOXY REPAIR FAIRING COMPOUND SHALL BE APPLIED OVER THE PRIME COAT AS FOLLOWS:
 - THE EPOXY REPAIR COMPOUND SHALL BE APPLIED TO THE DETERIORATED AREAS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL THE METHODS, PROCEDURES, AND MATERIALS TO BE USED FOR THE WORK.
 - THE REPAIR COMPOUND SHALL ONLY BE APPLIED TO THOSE AREAS OF THE EXISTING STEEL THAT EXHIBIT SEVERE SECTION LOSS TO COMPLETELY FILL THE IRREGULARITIES IN THE EXISTING STEEL SURFACES SUCH THAT NO VOIDS REMAIN BETWEEN THE PLIES OF THE EXISTING STEEL AND THE PROPOSED STRENGTHENING STEEL IN THE FINAL REPAIRED CONDITION.
 - THE PROPOSED REPAIR STEEL SHALL BE PROPERLY POSITIONED AND BROUGHT INTO FIRM CONTACT WITHIN THE WORKING TIME LIMITS OF THE EPOXY REPAIR COMPOUND. THE REPAIR STEEL SHALL BE SECURED IN PLACE USING POSITIONING BOLTS TENSIONED TO A SNUG TIGHT CONDITION AND CLAMPS OR OTHER MECHANICAL MEANS TO BRING THE PLIES OF THE EXISTING STEEL AND NEW STEEL INTO FIRM CONTACT. WELDING IS NOT ALLOWED.
 - ONCE THE PROPOSED STEEL HAS BEEN SECURED INTO POSITION WITH THE POSITIONING BOLTS, AND THE EPOXY COMPOUND HAS CURED, THE REMAINING H.S. BOLTS SHALL BE INSTALLED FOLLOWING THE PROCEDURE OUTLINED IN THE GENERAL NOTES.
 - EPOXY COMPOUND FOR STRUCTURAL STEEL REPAIRS SHALL BE A SOLVENT FREE, MOISTURE TOLERANT, EPOXY PASTE ADHESIVE SYSTEM. THE EPOXY PASTE SHALL BE DEVELOPED SPECIFICALLY FOR FILLING, SMOOTHING, SEALING, OR FAIRING APPLICATIONS ON METALS. THE PASTE SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S LATEST WRITTEN INSTRUCTIONS. AND ACCEPTABLE PRODUCE SHALL BE ONE OF THE FOLLOWING OR AN APPROVED EQUAL: ITW PHILADELPHIA RESINS REPAIR COMPOUND MANUFACTURED BY: ITW PHILADELPHIA RESINS, SIKADUR 31, HI-MOD GEL MANUFACTURED BY: SIKA CORPORATION, DEVCON PLASTIC STEEL PUTTY (A) MANUFACTURED BY: ITW DEVCON, FX-738 METAL FILLED EPOXY MANUFACTURED BY: SIMPSON STRONG-TIE.
- STEEL ELEMENTS FOR REPAIR SHALL BE BOLTED TO EXISTING STEEL SURFACES.
- STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GRADE 36 OR GRADE 50. IT SHALL BE CONSIDERED A MAIN MEMBER AND CONFORM TO THE CHARPY V-NOTCH REQUIREMENTS OF AASHTO M270 ZONE T2.
- IN THE CASE THAT ANY STEEL REPAIR ANGLE INTERFERES WITH THE EXISTING ANCHOR BOLT, A LEG OF THE ANGLE CAN BE COPED TO PROVIDE CLEARANCE AROUND THE EXISTING ANCHOR BOLT.
- CLEAN AND PAINT REPAIRED AREA PER SPECIAL PROVISIONS.
- SEAL PERIMETER OF ALL STEEL WITH SILICONE CAULK.



BEAM END REPAIR

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

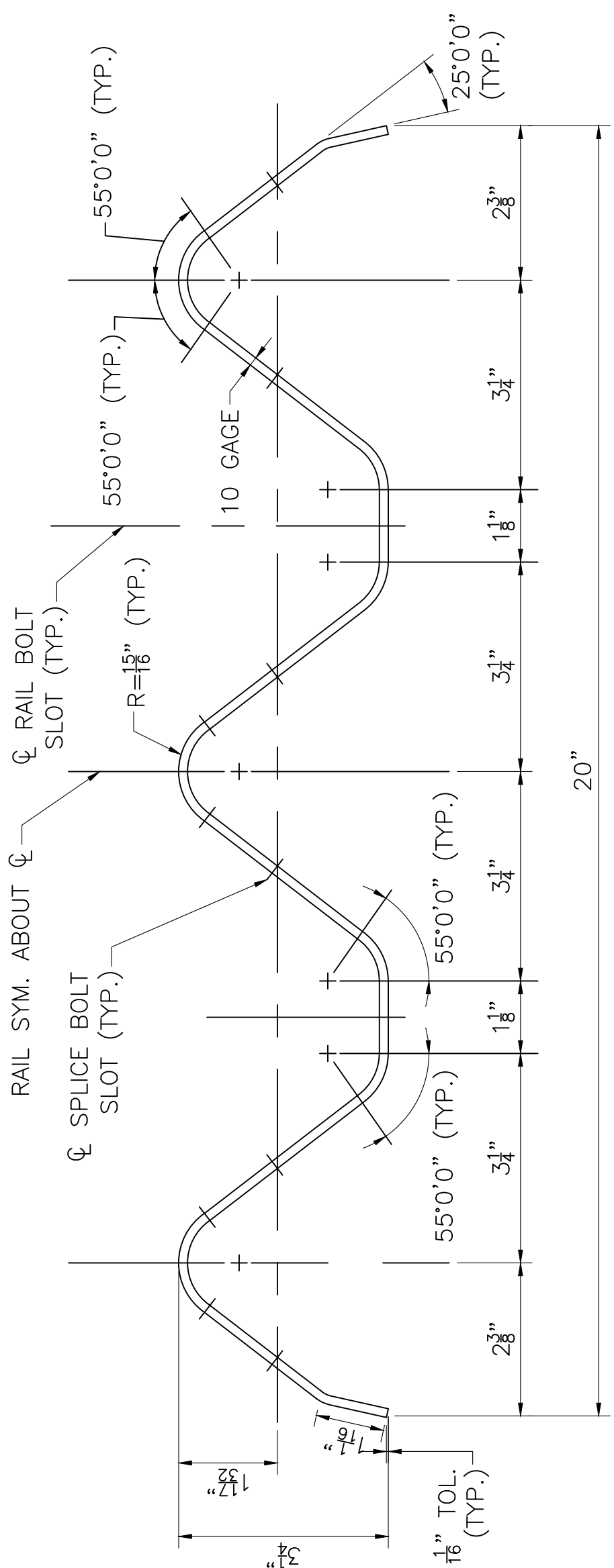


BOLTED BEAM END REPAIR AT BEARING DETAIL

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

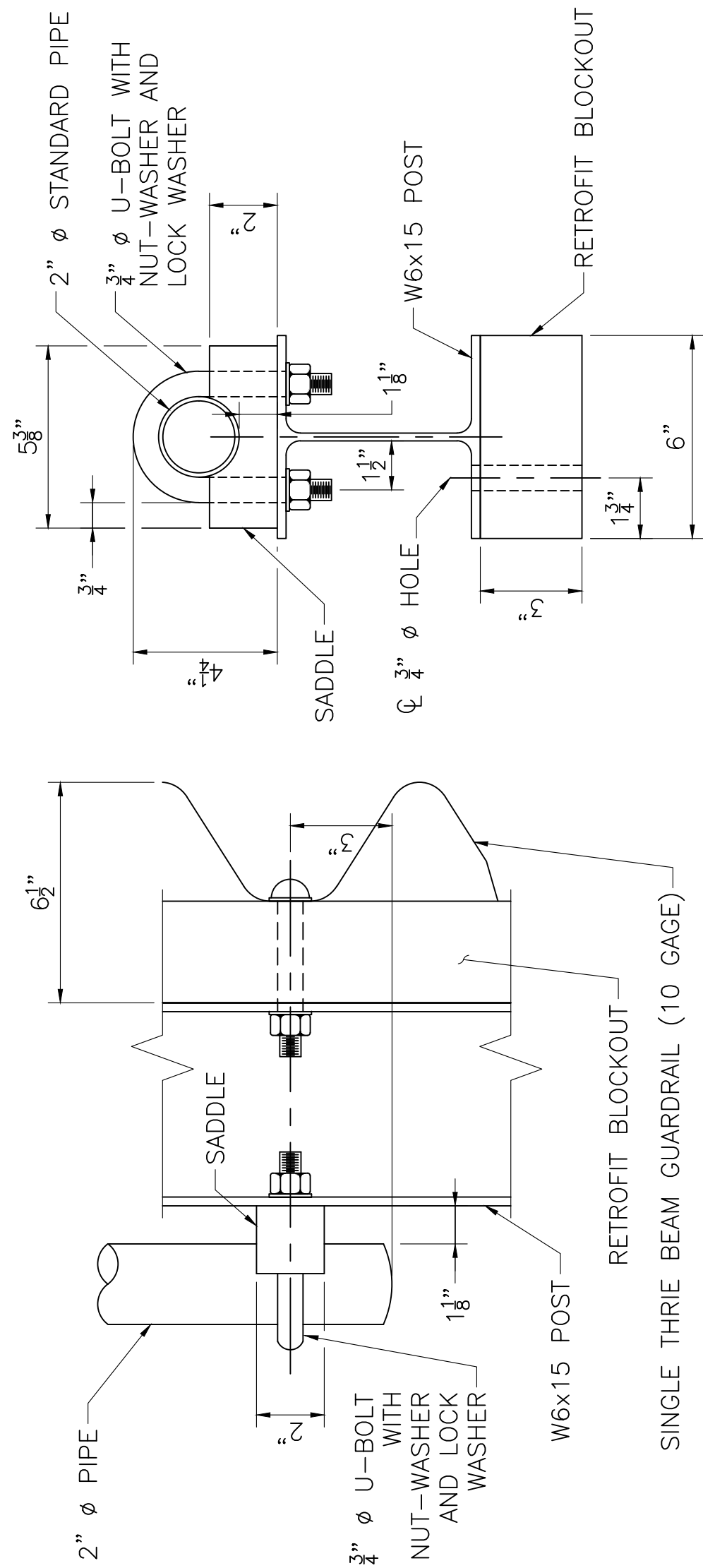
PROPOSED BEAM END REPAIR SCHEDULE						
BEAM	LOCATION	SECTION	A	B	C	D
1	WEST ABUTMENT	21WF59	3'-0"	12 SP. @ 3" = 3'-0"	4 SP. @ 3" = 1'-0"	3" x 6" WEB PLATE
1	EAST ABUTMENT	21WF59	4'-0"	15 SP. @ 3" = 3'-9"	7 SP. @ 3" = 21"	3" x 6" WEB PLATE
5	WEST ABUTMENT	21WF59	2'-3"	8 SP. @ 3" = 2'-0"	1 SP. @ 3" = 3"	3" x 6" WEB PLATE
5	EAST ABUTMENT	21WF59	3'-6"	13 SP. @ 3" = 3'-3"	8 SP. @ 3" = 2'-0"	3" x 6" WEB PLATE

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	



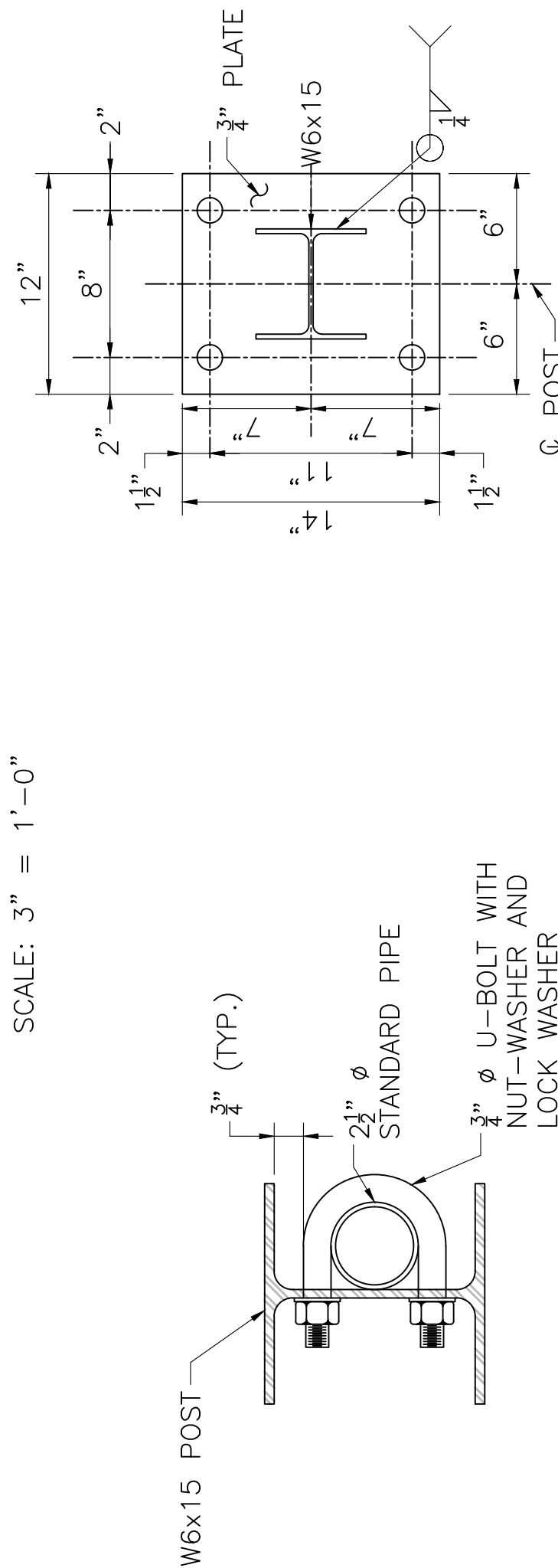
STEEL THRIE BEAM BRIDGE GUADRAIL

SCALE: 6" = 1'-0"

ELEVATION

CONNECTION DETAIL

SCALE: 3" = 1'-0"



THRIE BEAM POST BASE PLATE DETAIL

SCALE: $1\frac{1}{2}" = 1'-0"$

SECTION

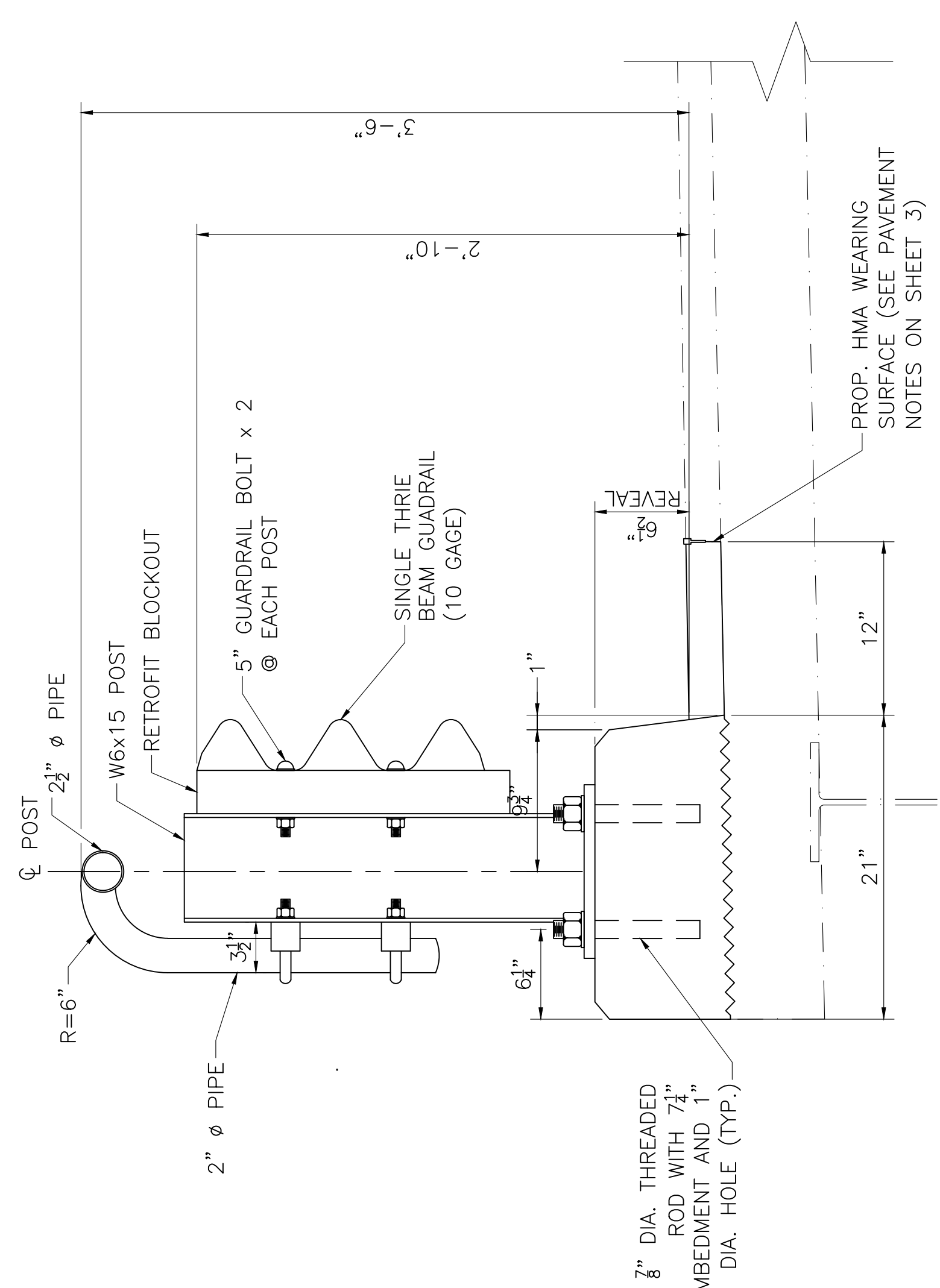
SCALE: 3" = 1'-0"

MATERIALS:

1. STANDARD WEIGHT PIPES SHALL BE ASTM A 500 GRADE B GALVANIZED.
2. RAIL POST, BASE PLATES AND ANCHOR PLATES SHALL BE AASHTO M270, GRADE 50 GALVANIZED.
3. THIRTEEN BEAM BRIDGE RAIL SHALL BE AASHTO M180, CLASS B (10 GAGE), AND GALVANIZED.
4. NUTS, BOLTS, AND WASHERS SHALL BE ASTM A325 GALVANIZED.
5. SADDLE SHALL BE ASTM A36 OR GREATER, GALVANIZED

GENERAL NOTES:

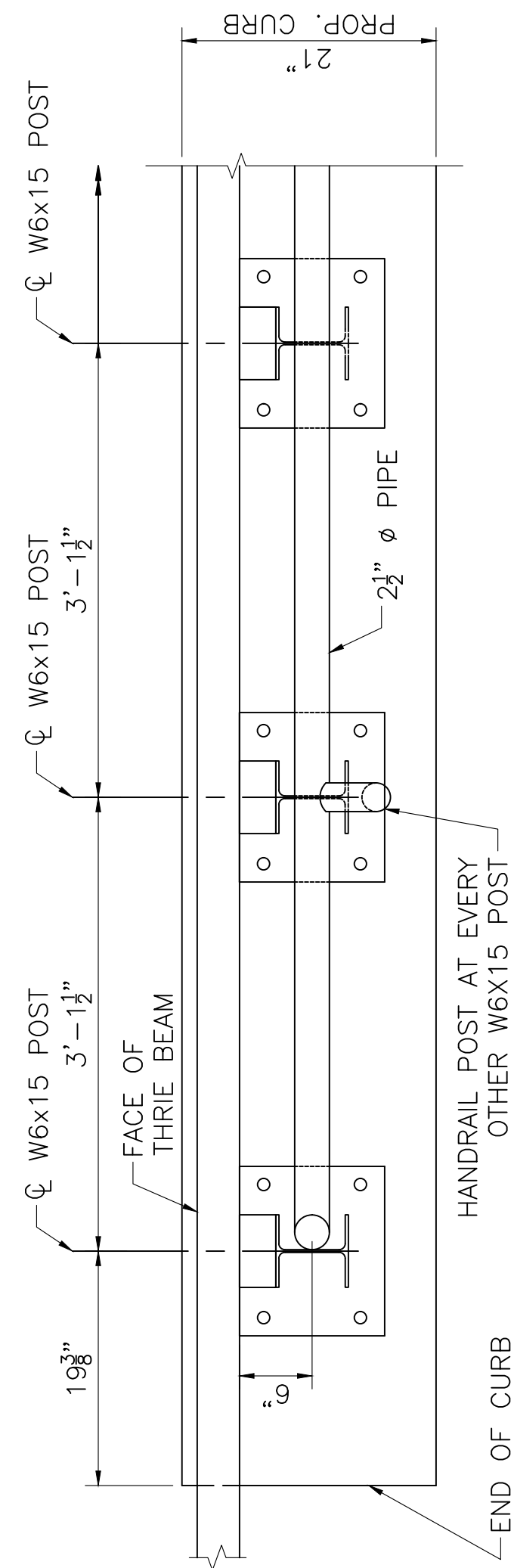
1. THREE BEAM SHALL BE CONTINUOUS OVER A MINIMUM OF FOUR POSTS.
2. ANCHOR BOLTS SHALL BE SET WITH TEMPLATES. THE NUT SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL $\frac{1}{8}$ TURN AFTER STEEL IS IN PLACE.
3. ALL POSTS SHALL BE SET PLUMB WHEN PROFILE GRADE EXCEEDS 1.5% FOR PROFILE GRADES LESS THAN 1.5%. POSTS SHALL BE SET PERPENDICULAR TO GRADE.
4. WELDING SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AASHTO/AWS D.1.5.
5. PLACE A REFLECTORIZED WASHER IN THE UPPER VALLEY OF EVERY THREEM BEAM POST.



NOTE:
REINFORCING NOT SHOWN FOR CLARITY. SEE SHEET 3 FOR SAFETY CURB REINFORCING.

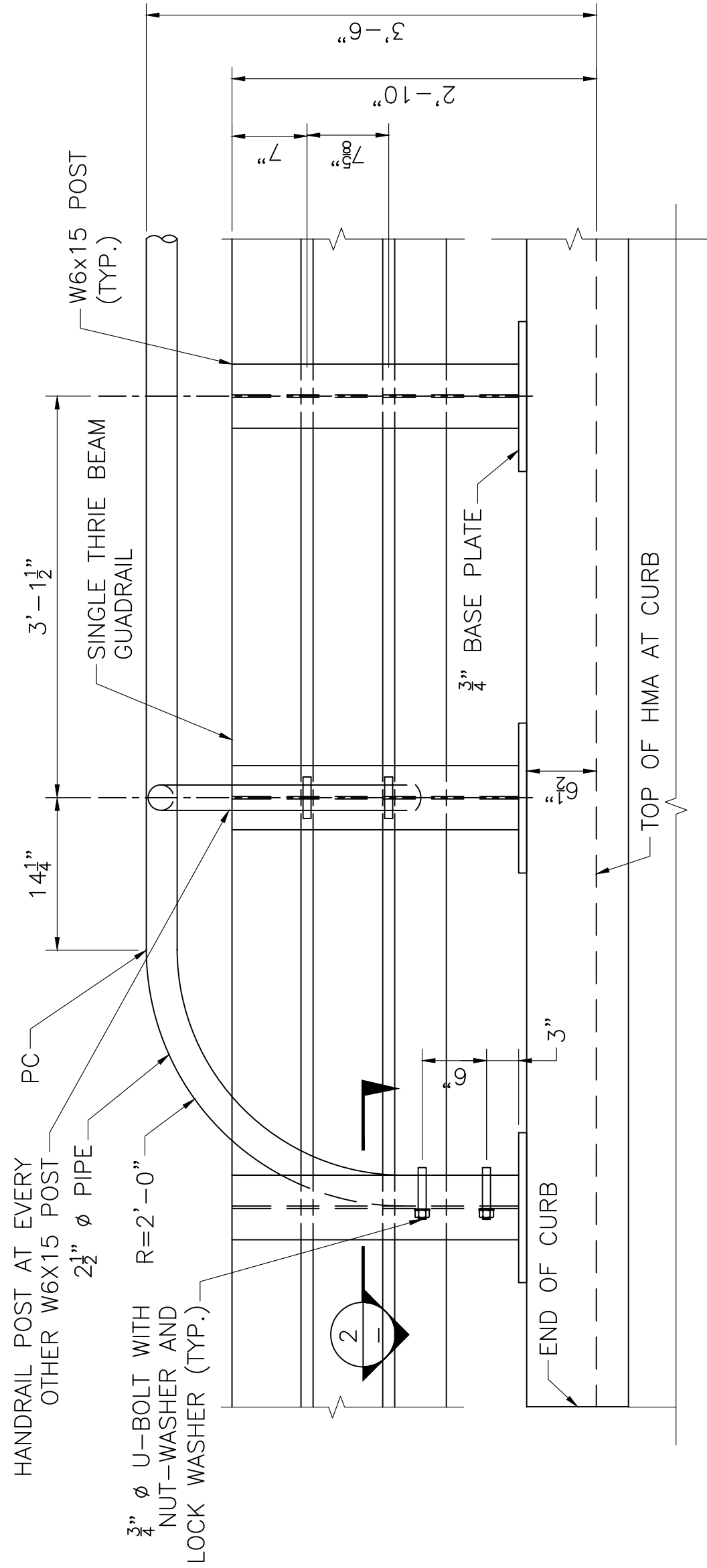
RAILING DETAIL

SCALE: $1\frac{1}{2}" = 1'-0"$



THRIE BEAM END PLAN

SCALE: 1" = 1'-0"



THREE BEAM END ELEVATION

SCALE: 1" = 1'-0"

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	5	41
PROJECT FILE NO. 616301			

GILL

RAILING DETAILS

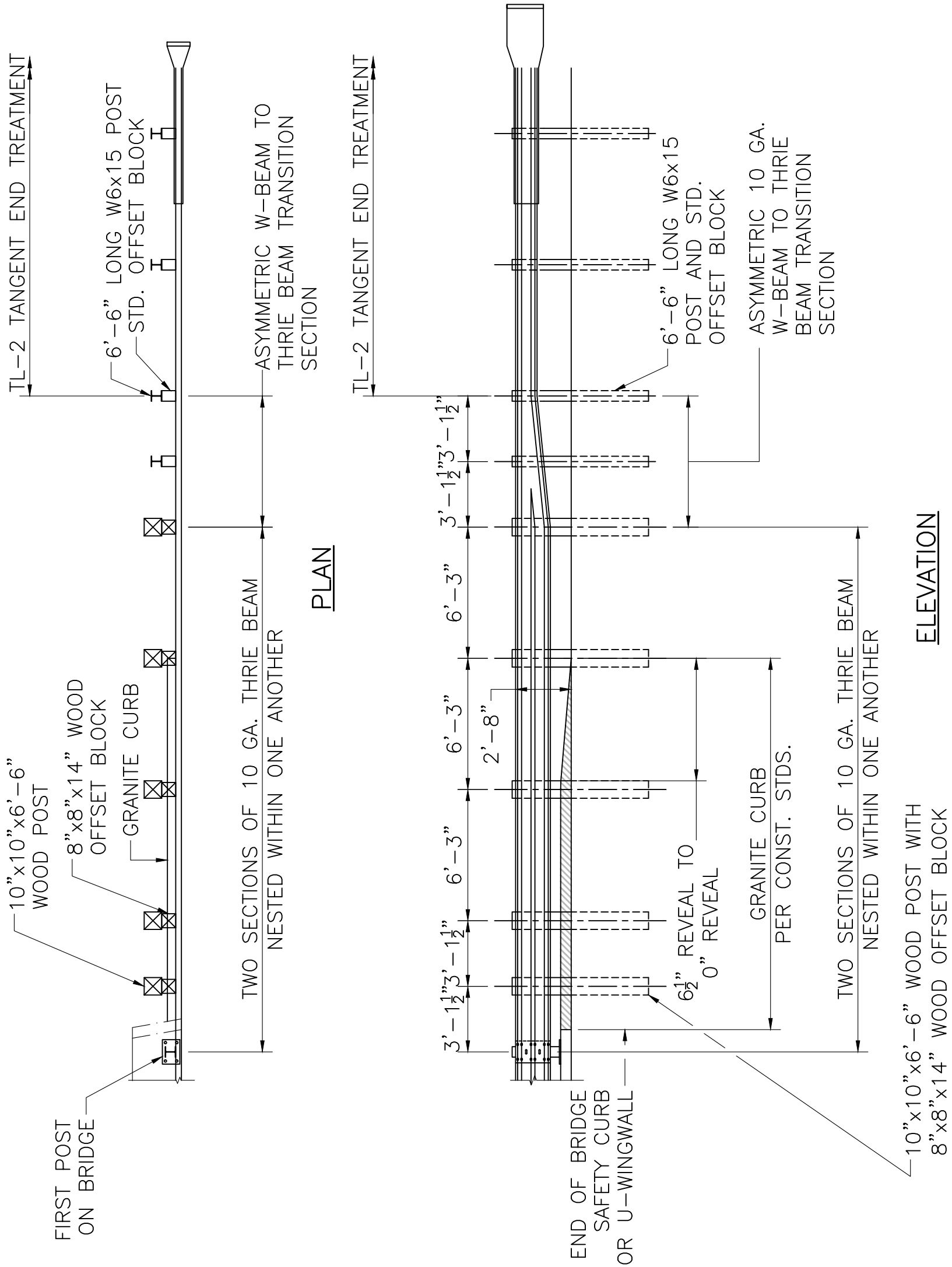
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

GILL

NORTH CROSS ROAD

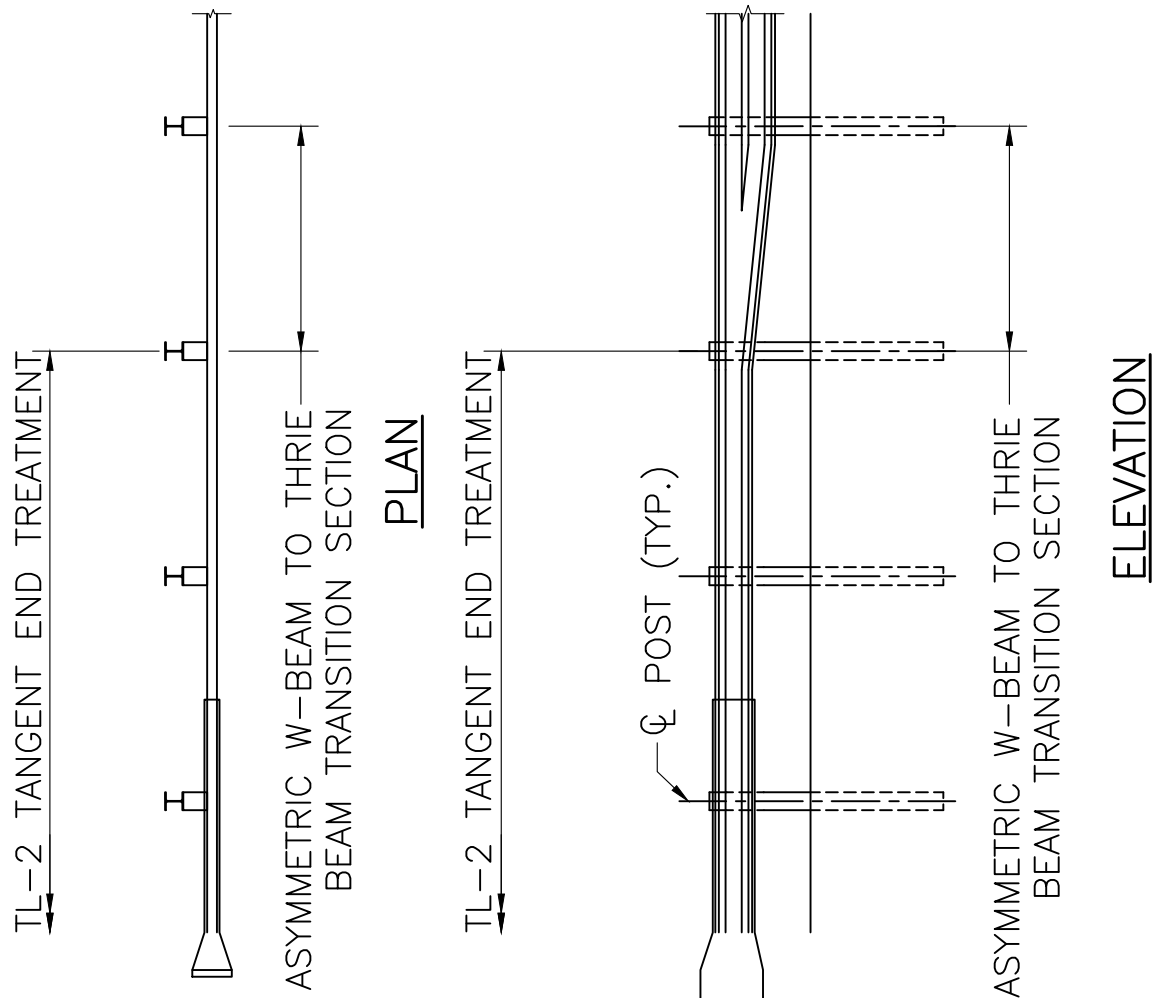
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	6	41
PROJECT FILE NO.		616301	

MISCELLANEOUS DETAILS



GUARDRAIL TRANSITION ENTRANCE

SCALE: $\frac{3}{16}" = 1'-0"$



EXIT END TRANSITION

SCALE: $\frac{3}{16}" = 1'-0"$

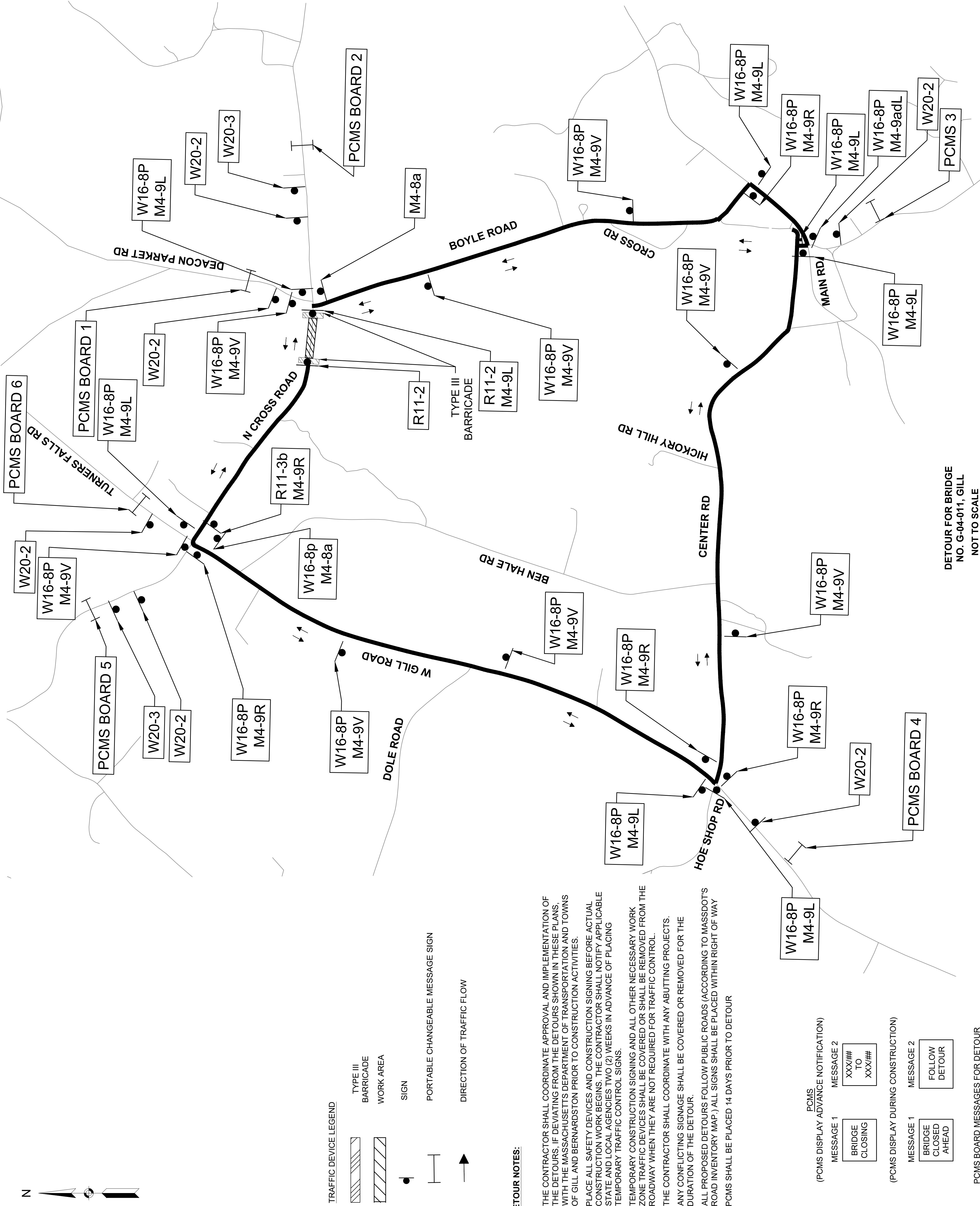
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

GILL
NORTH CROSS ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	8	41

PROJECT FILE NO. 616301

BRIDGE CLOSURE DETOUR



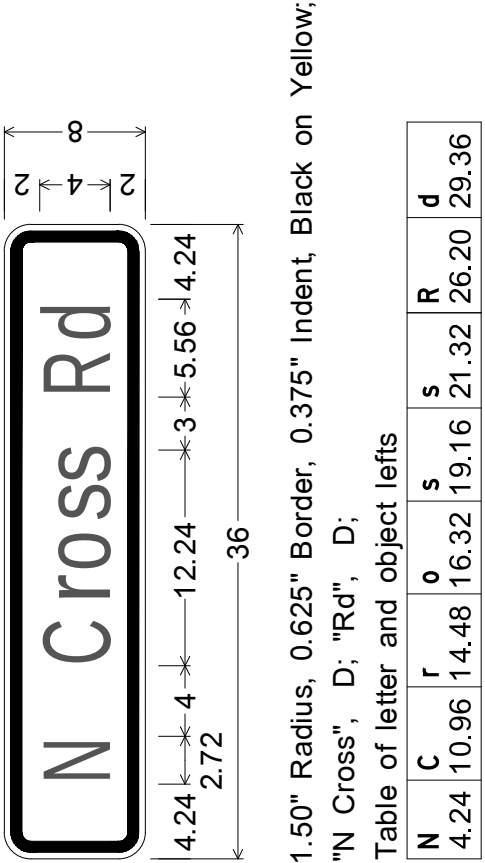
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
	USE ONLY PRINTS OF LATEST DATE

GILL
NORTH CROSS ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	9	41
PROJECT FILE NO.		616301	

SIGN SUMMARY

IDENTIFICATION	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (IN)			NUMBER OF SIGNS REQUIRED	COLOR			UNIT AREA (S.F.)	AREA (S.F)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKK.		BACKGROUND	LEGEND	BORDER		
M4-8a	24	18	END DETOUR	SEE 2023 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES			2	FLOURE-SCENT ORANGE	BLACK	BLACK	3.00	6.00
M4-9V	30	24	DETOUR				8	FLOURE-SCENT ORANGE	BLACK	BLACK	5.00	40.00
M4-9R	30	24	DETOUR				5	FLOURE-SCENT ORANGE	BLACK	BLACK	5.00	25.00
M4-9L	30	24	DETOUR				8	FLOURE-SCENT ORANGE	BLACK	BLACK	5.00	40.00
R11-2	48	30	ROAD CLOSED				2	FLOURE-SCENT WHITE	BLACK	BLACK	10.00	20.00
W16-8P	36	8	N Cross Rd	SEE DETAIL ON RIGHT			21	FLOURE-SCENT ORANGE	BLACK	BLACK	2.00	42.00
W20-2	36	36	DETOUR AHEAD				6	FLOURE-SCENT ORANGE	BLACK	BLACK	9.00	54.00
W20-3	36	36	ROAD CLOSED AHEAD				2	FLOURE-SCENT ORANGE	BLACK	BLACK	9.00	18.00
W8-9	36	36	LOW SHOULDER				2	FLOURE-SCENT ORANGE	BLACK	BLACK	9.00	18.00
R11-3b	60	30	BRIDGE OUT 0.5 MILES AHEAD LOCAL TRAFFIC ONLY				1	FLOURE-SCENT WHITE	BLACK	BLACK	12.50	12.50
M4-9adL	30	24	DETOUR				1	FLOURE-SCENT ORANGE	BLACK	BLACK	5.00	5.00
M4-8	24	12	DETOUR				1	FLOURE-SCENT ORANGE	BLACK	BLACK	2.00	2.00
M1-5	24	24	10				1	FLOURE-SCENT WHITE	BLACK	BLACK	4.00	4.00
M6-1L	21	15					1	FLOURE-SCENT WHITE	BLACK	BLACK	2.19	2.19
TOTAL											276	276



JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

ROYALSTON WINCHENDON ROAD			TOTAL SHEETS
STATE	FED. AID PROJ. NO.	SHEET NO.	
MA	-	10	41
PROJECT FILE NO.			616301

GENERAL NOTES, LOCUS AND DRAWING LIST

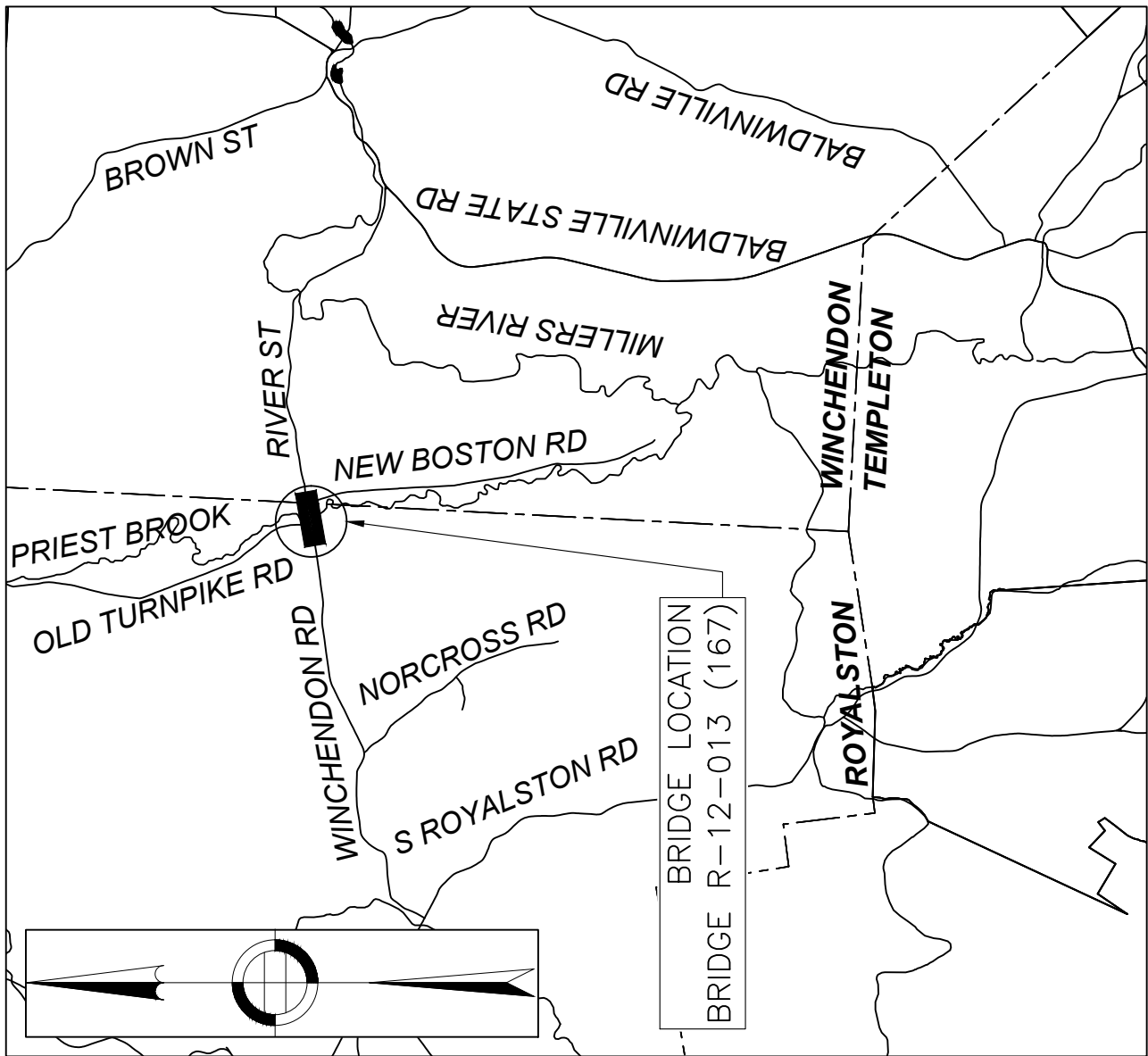
DRAWING LIST	
SHEET NUMBER	SHEET TITLE
1	GENERAL NOTES, LOCUS AND DRAWING LIST
2	FRAMING PLAN
3	TYPICAL BRIDGE SECTIONS
4	SUBSTRUCTURE REPAIR DETAILS
5	STEEL REPAIR DETAILS
6	RAILING DETAILS
7	MISCELLANEOUS DETAILS
8	TCP - TYPICAL DETAILS
9	TEMPORARY TRAFFIC CONTROL PLAN 1
10	TEMPORARY TRAFFIC CONTROL PLAN 2
11	TEMPORARY SIGNAL TIMINGS
12	SIGN SUMMARY

GENERAL NOTES (CONT.):

STRUCTURAL STEEL CLEANING AND PAINTING:
STEEL REPAIR AREAS INCLUDING BEAMS, WEB REPAIR PLATES, ASSOCIATED HARDWARE, AND BEARINGS SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

CONSTRUCTION PROCEDURE

1. PRIOR TO THE START OF ANY WORK, THE BRIDGE SHALL BE REDUCED TO ONE LANE. SEE SHEET 9 & 10 FOR TEMPORARY TRAFFIC CONTROL PLANS, SHEET 8 FOR TEMPORARY TRAFFIC CONTROL PLAN TYPICAL DETAILS, AND SHEET 12 FOR SIGN SUMMARY.
2. EXISTING CURB AND RAILING SHALL BE REMOVED PRIOR TO THE INSTALLATION OF THE STEEL REPAIR.
3. THE EXISTING CONCRETE BRIDGE SEATS, BACKWALLS, AND STRUCTURAL STEEL SHALL BE CLEANED PRIOR TO PLACEMENT OF THE BEAM END REPAIR. ALL DEBRIS AND DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE BEAM SEAT. THE EXISTING STRUCTURAL STEEL SHALL BE POWER TOOL CLEANED TO REMOVE ALL LOOSE RUST AND PAINT. TIGHTLY ADHERING PAINT DOES NOT NEED TO BE REMOVED.
4. THE CONTRACTOR'S MEANS AND METHODS OF CONTAINING AND DISPOSING DEBRIS AND OBTAINING ACCESS TO THE BEAM ENDS TO BE ENCASED SHALL BE CONSIDERED INCIDENTAL TO THE WORK WITHOUT SEPARATE COMPENSATION. THE CONTRACTOR SHALL INSTALL A SHIELDING AND CONTAINMENT SYSTEM PRIOR TO PERFORMING THE CLEANING OF THE STEEL SURFACES TO BE ENCASED IN ORDER TO COLLECT ALL LOOSE PAINT DEBRIS, AND PARTICLES.



LOCUS PLAN

SCALE: 1" = 2000'

GENERAL NOTES:

EXISTING CONDITIONS. THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND EXISTING DETAILS NECESSARY FOR THE COMPLETION OF THE WORK BY FIELD MEASUREMENT AND SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THEREOF AND SHALL NOT ORDER ANY MATERIALS OR COMMENCE ANY FABRICATION UNTIL THE REQUIRED MEASUREMENTS HAVE BEEN MADE ON THE ACTUAL STRUCTURE AND THE EXTENT OF THE PROPOSED WORK HAS BEEN APPROVED BY THE ENGINEER.

EXISTING BRIDGE PLANS: PLANS FOR THE EXISTING BRIDGE ARE AVAILABLE AND MAY BE OBTAINED THROUGH THE MASSDOT PLANS AND RECORDS DEPARTMENT VIA BIDX OR THROUGH ELECTRONIC TRANSMISSION.

SCALES: DRAWINGS ARE DRAWN TO SCALE FOR FULL SIZE SHEETS AND ARE NOT APPLICABLE TO REDUCED SIZE PRINTS. DIVIDE SCALES BY 2 FOR HALF-SIZED PRINTS (A3). CONTRACTOR SHALL FIELD MEASURE ALL COMPONENTS PROPOSED TO BE REPLACED PRIOR TO THE COMMENCEMENT OF WORK.

ELEVATIONS: ELEVATIONS SHOWN ARE FOR REFERENCE ONLY, AND ARE TAKEN FROM EXISTING 1940 PLANS. ASSUMED DATUM HAS BEEN USED.

STRUCTURAL STEEL:
THE CONTRACTOR SHALL FIELD MEASURE EXISTING CONDITIONS (I.E. CONNECTION PLATES, CROSS FRAMES, ETC.) PRIOR TO ORDERING SHOP DRAWINGS TO ENSURE PROPER FIT UP OF THE REPAIR PLATES AND ANGLES. PROPOSED STRUCTURAL STEEL SHALL CONFORM TO AASHTO M270 GRADE 36 OR GRADE 50. PERIMETER OF ALL REPAIR PLATES AND ANGLES SHALL BE SEALED USING SILICONE CAULK UPON COMPLETION OF REPAIRS.

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

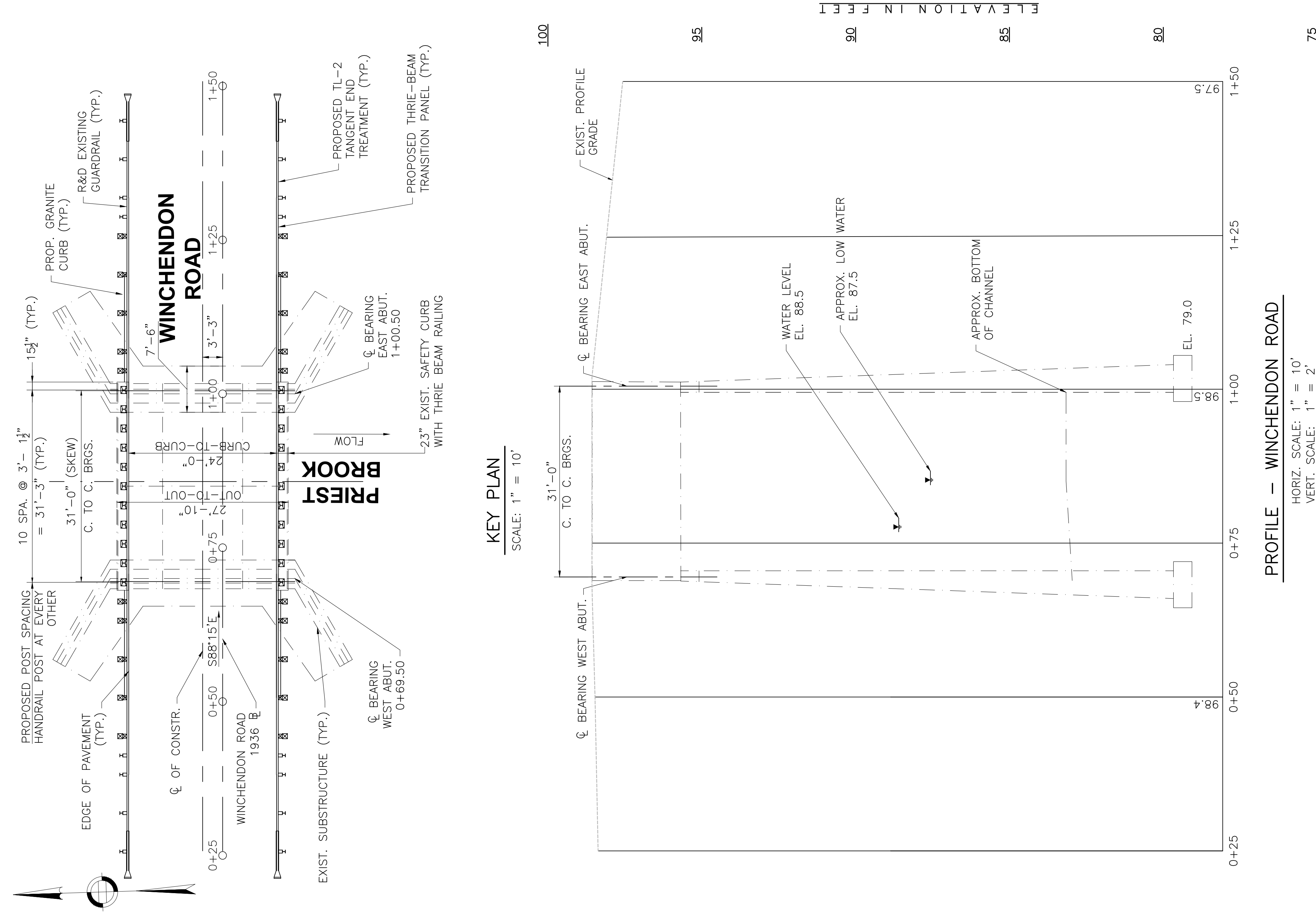
MODIFICATION_CONDITION	#4 BARS	#5 BARS	#6 BARS
1. NONE	16"	17"	21"
2. 12" OF CONCRETE BELOW BAR	18"	22"	27"
3. EPOXY COATED BARS, COVER < 3D/B, OR CLEAR SPACING < 6D/B	21"	26"	31"
4. COATED BARS, ALL OTHER CASE	17"	21"	25"
5. CONDITION 2. AND 3.	23"	29"	35"
6. CONDITION 2. AND 4.	21"	27"	32"

ALL OTHER BARS SHALL BE LAPPED AS SHOWN ON THE CONSTRUCTION DRAWINGS.

UTILITIES:
THE CONTRACTOR SHALL LOCATE AND PROTECT FROM DAMAGE ALL EXISTING UTILITIES.

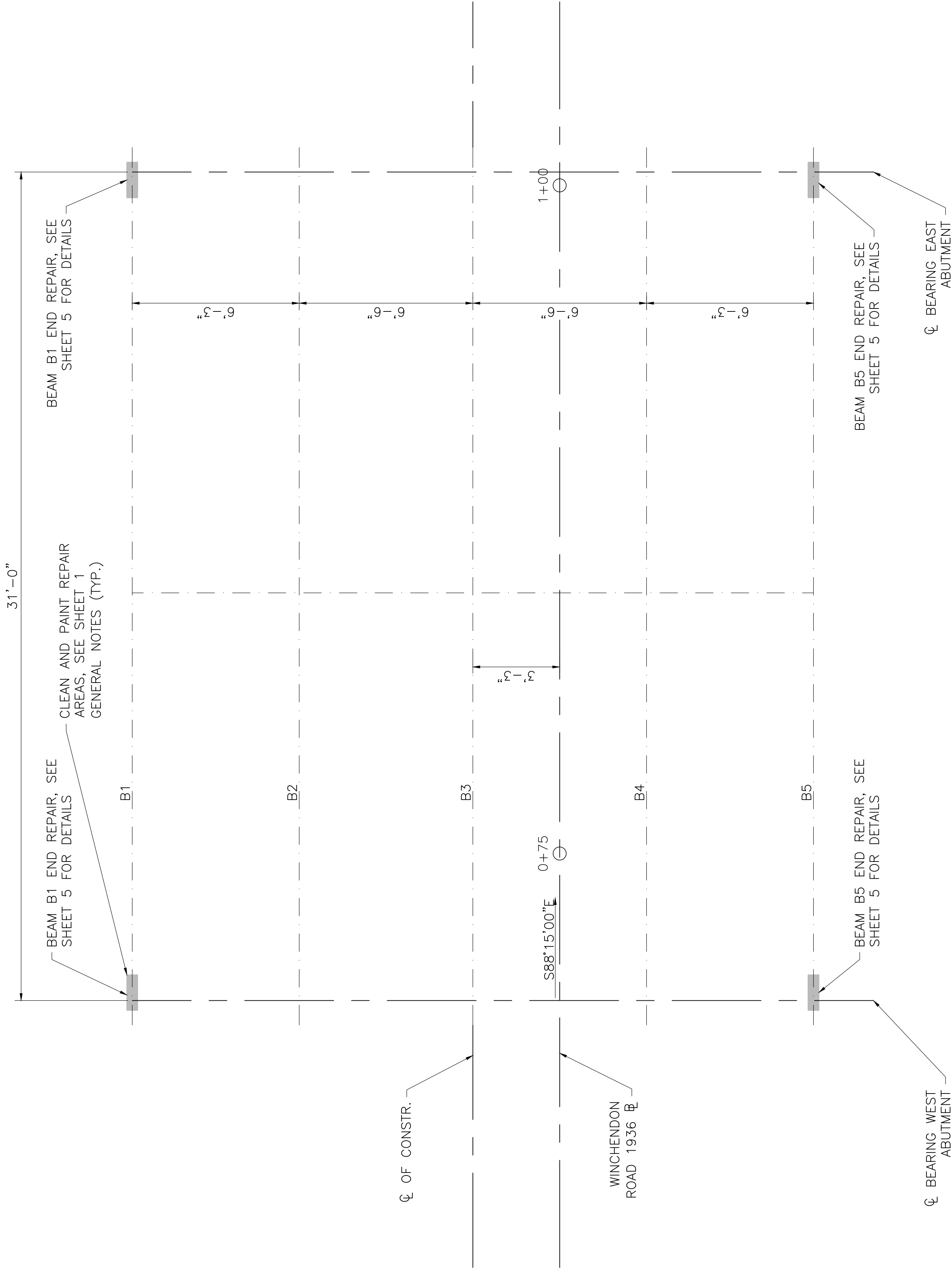
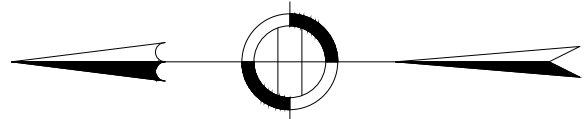
SHOP DRAWINGS:
THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AS REQUIRED BY THE STANDARD SPECIFICATIONS AND THE LATEST MASSDOT BRIDGE MANUAL. PROPOSED COMPONENTS REQUIRING FIELD MEASUREMENTS SHALL BE DESIGNED, DETAILED, AND SUBMITTED TO THE ENGINEER FOR APPROVAL.

TEMPORARY SHIELDING: THE CONTRACTOR SHALL PROVIDE TEMPORARY SHIELDING TO PREVENT ANY DEBRIS FROM FALLING INTO THE WATERWAY BELOW. ANY DEBRIS THAT FALLS ONTO THE WATERWAY DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE PROMPTLY REMOVED.



PROFILE – WINCHENDON ROAD

HORIZ. SCALE: 1" = 10'
VERT. SCALE: 1" = 2'



FRAMING PLAN
SCALE: $\frac{3}{8}$ " = 1'-0"

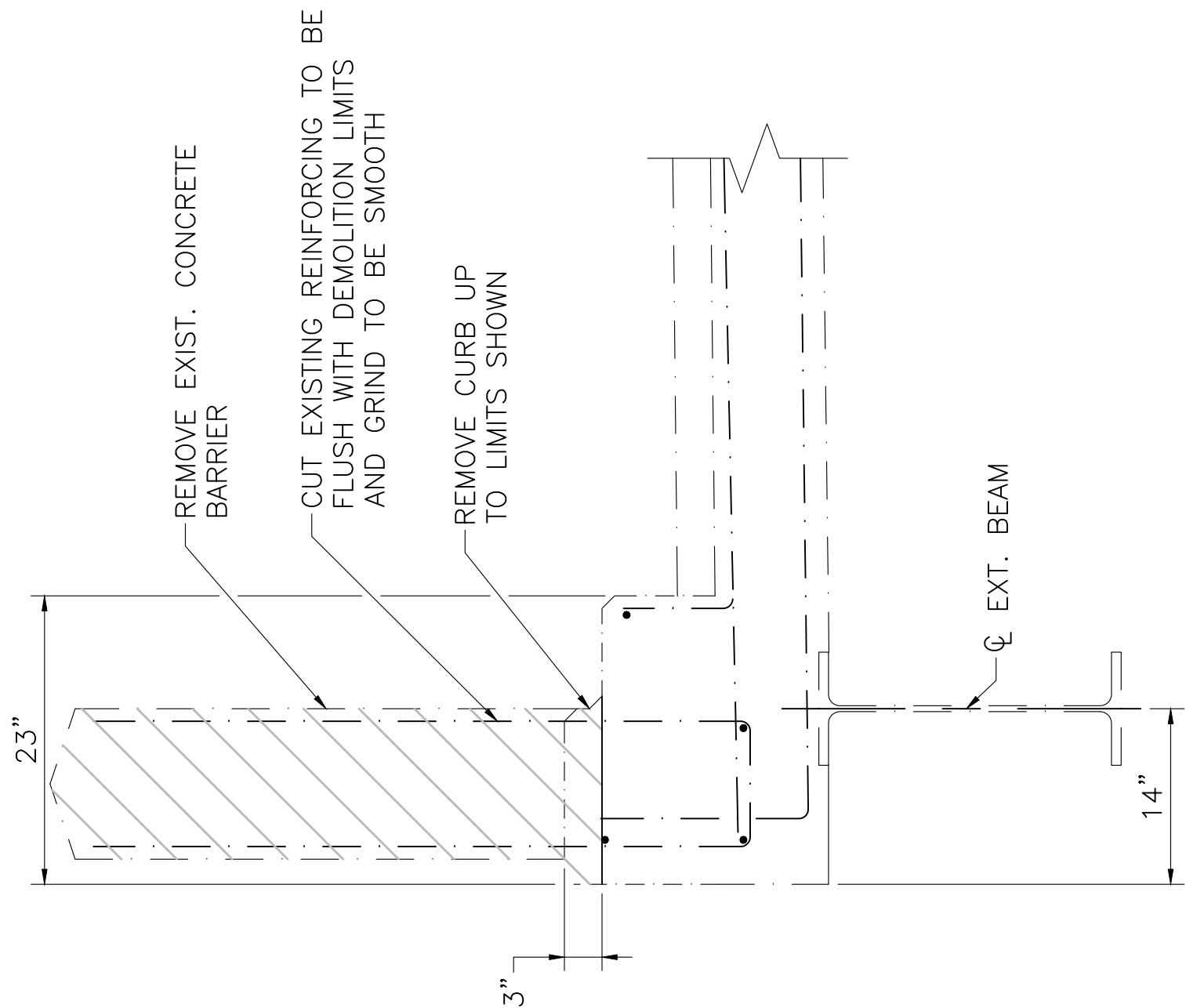
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	11	41
PROJECT FILE NO. 616301			

ROYALSTON
WINCHENDON ROAD
FRAMING PLAN

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

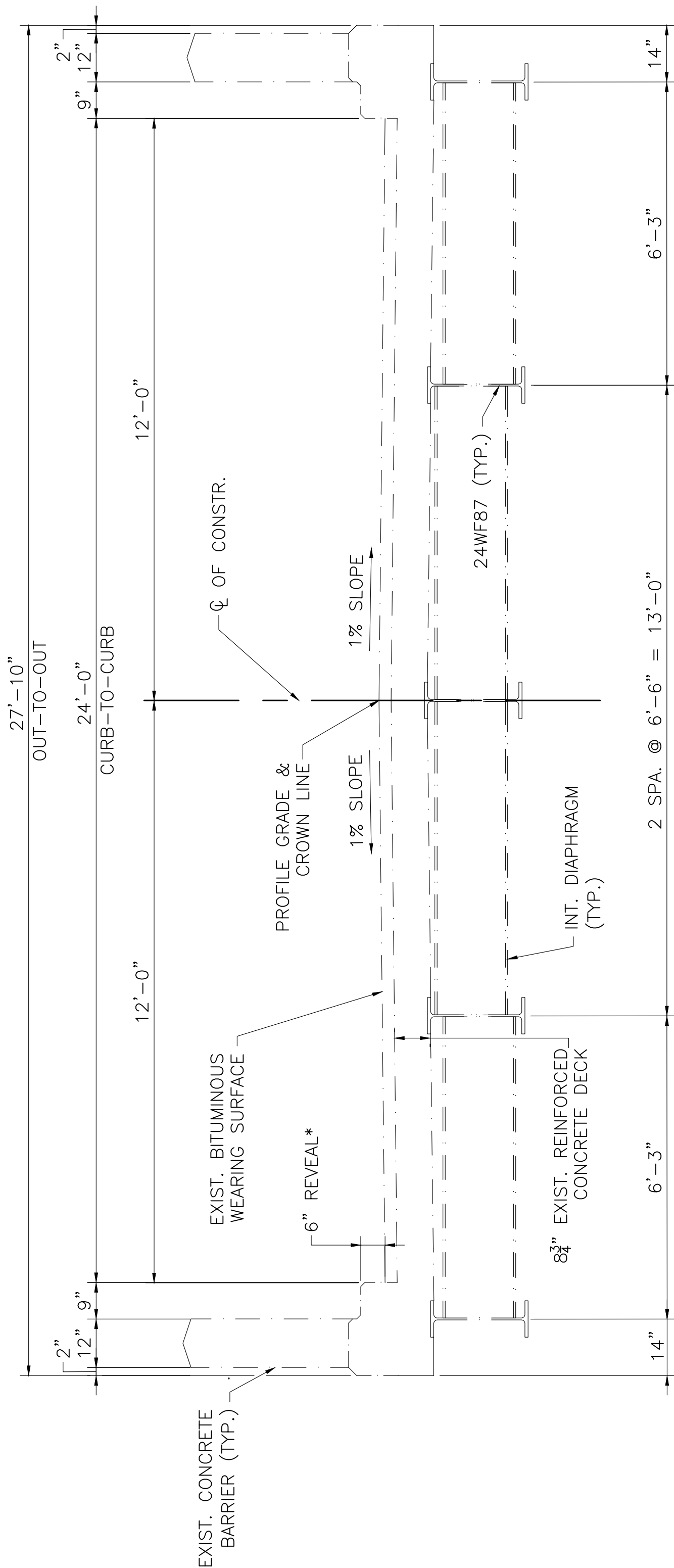
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	41
PROJECT FILE NO. 616301			

TYPICAL BRIDGE SECTIONS



EXISTING RAILING DEMOLITION

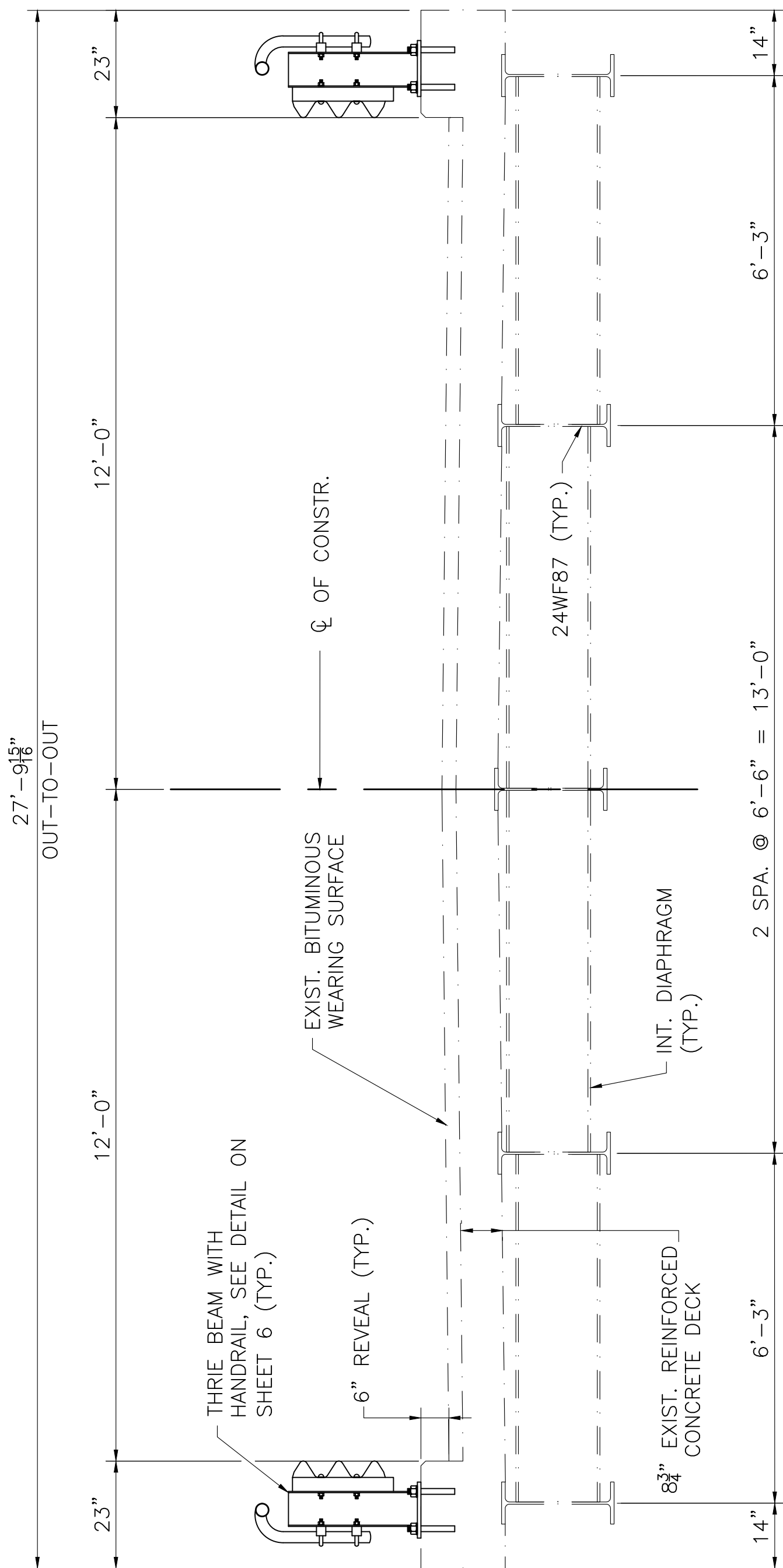
SCALE: 1" = 1'-0"



*NOTE: EXISTING REVEAL BASED ON LATEST INSPECTION REPORT.

EXISTING TYPICAL SECTION

SCALE: $\frac{1"}{2} = 1'-0"$



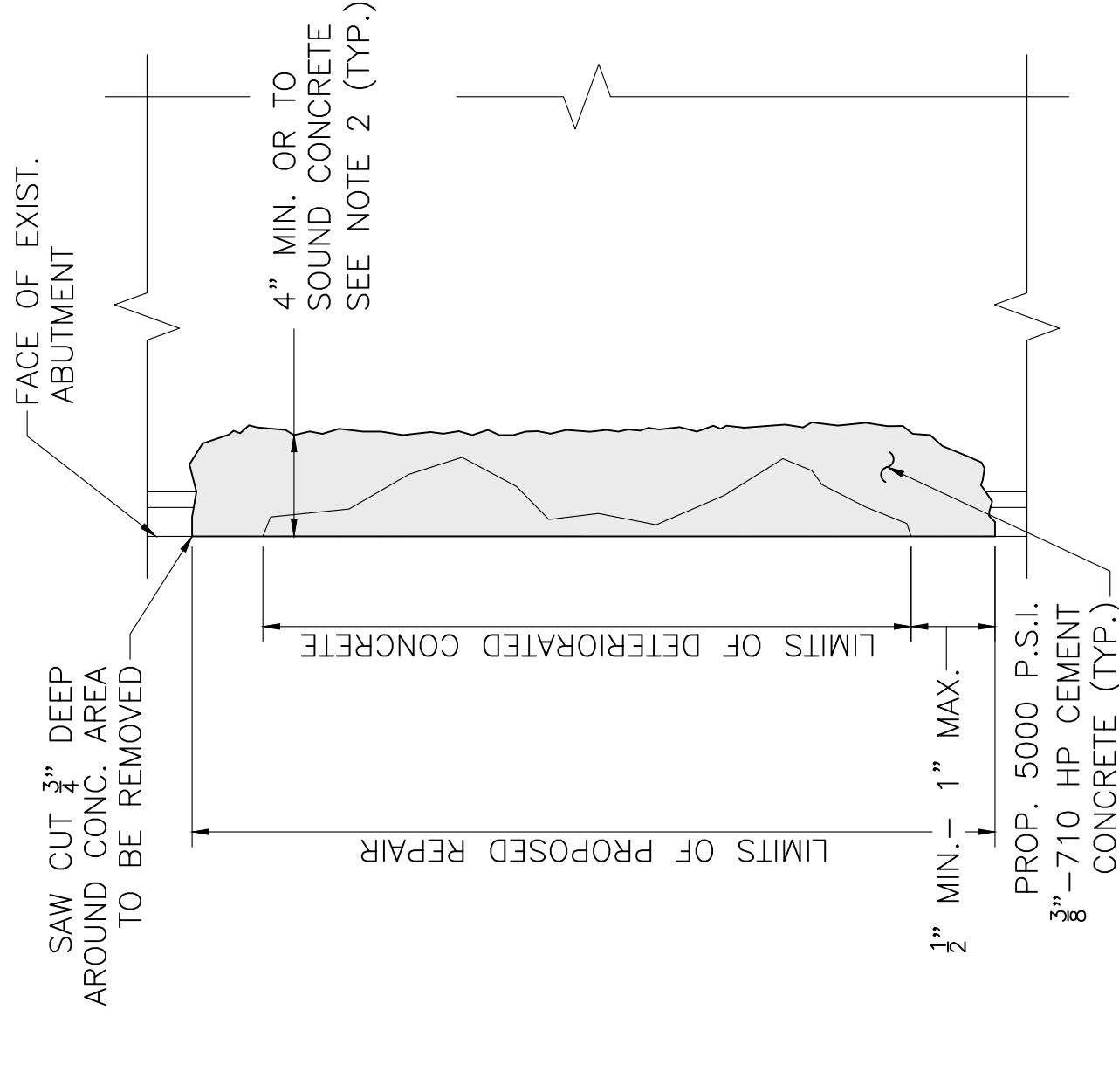
PROPOSED TYPICAL SECTION

SCALE: $\frac{1"}{2} = 1'-0"$

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

ROYALSTON WINCHENDON ROAD				
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
MA	-	13	41	
PROJECT FILE NO. 616301				

SUBSTRUCTURE REPAIR DETAILS



NOTE:
IF THERE IS LESS THAN 1 1/2" CONCRETE COVER, THEN THE CONTRACTOR SHALL BUILD OUT THE FORM TO ENSURE A MINIMUM OF 1 1/2" COVER.

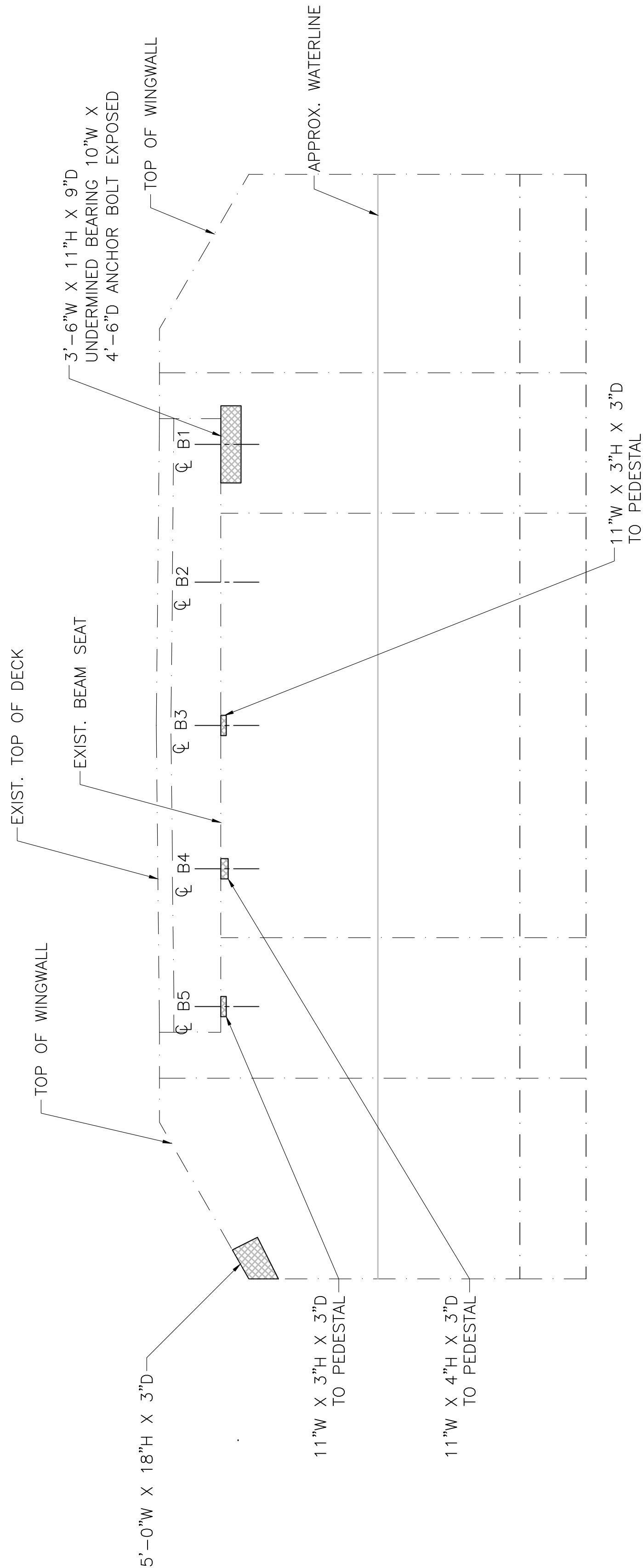
PARTIAL DEPTH REPAIR

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

EXCAVATION AND SURFACE REPAIR NOTES:

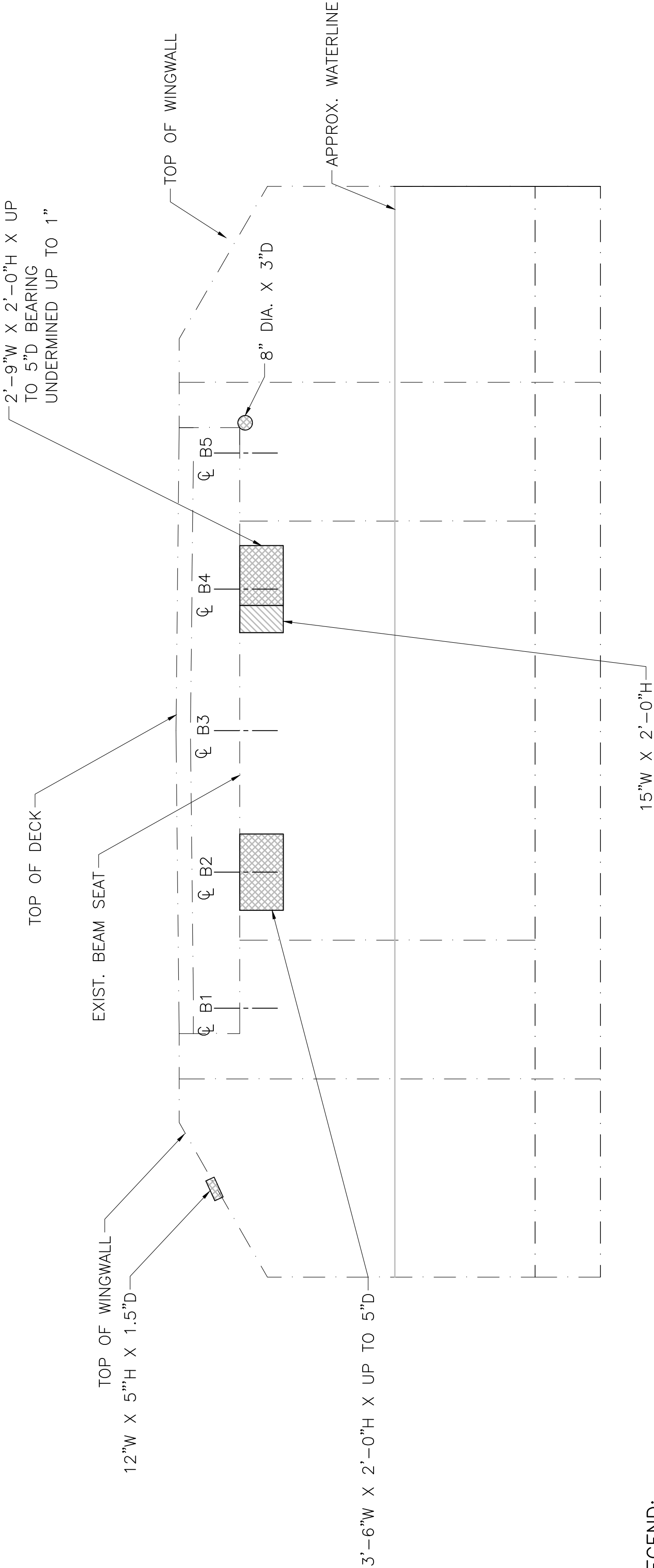
1. THE CONTRACTOR SHALL EXERCISE CARE WHEN REMOVING CONCRETE AROUND REINFORCEMENT TO ONLY REMOVE DETERIORATED CONCRETE AND TO LIMIT THE SOUND CONCRETE REMOVED TO THE MINIMUM NECESSARY TO EFFECT A GOOD REPAIR.
2. THE CONTRACTOR SHALL ESTABLISH LIMITS OF VARIOUS REPAIRS AS SHOWN ON THE PLANS AND AT THE DIRECTION OF THE ENGINEER; THE LOCATIONS SHOWN ON THE PLANS ARE BASED UPON RECORDS OF BRIDGE INSPECTIONS AND OBSERVATION FROM THE GROUND AND ARE NOT GUARANTEED. THE LOCATION AND EXTENT OF ALL CONCRETE REPAIRS ARE TO BE FIELD VERIFIED AND APPROVED BY THE ENGINEER AFTER THE CONTRACTOR HAS SOUNDED AND MARKED OUT THE REPAIR AREAS. REPAIR CONFIGURATIONS SHOULD BE KEPT AS SIMPLE AS POSSIBLE, PREFERABLY WITH SQUARE CORNERS.
3. THE LIMITS OF THE REPAIRS SHALL BE SAWCUT ALONG NEAT LINES TO A DEPTH OF 3" TO PRODUCE A CLEAN EDGE.
4. REMOVE DETERIORATED AND UNSOUND CONCRETE AS WELL AS SOUND CONCRETE WHERE NECESSARY TO A MINIMUM OF 1" BEYOND SURFACE REINFORCEMENT.
5. EXPOSED REINFORCEMENT IS TO BE CLEANED BY MECHANICAL CLEANING AND HIGH PRESSURE WASHING WITH WATER THAT CONTAINS NO DETERGENTS OR BOND INHIBITING CHEMICALS. WHERE ACTIVE CORROSION HAS OCCURRED (THAT WHICH WOULD INHIBIT BONDING) SANDBLAST STEEL TO SSPC-SP5.
6. MISSING OR DETERIORATED REINFORCING STEEL SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. AFTER REMOVAL AND EDGE PREPARATION ARE COMPLETE, REMOVE BOND INHIBITING MATERIALS (DIRT, GREASE, LOOSELY BONDED AGGREGATE) BY ABRASION BLASTING OR HIGH PRESSURE WATER BLASTING WITH WATER THAT CONTAINS NO DETERGENTS OR BOND INHIBITING CHEMICALS. CHECK THE CONCRETE SURFACES AFTER CLEANING TO INSURE THAT THE SURFACE IS FREE FROM ADDITIONAL LOOSE AGGREGATE OR THAT ADDITIONAL DELAMINATIONS ARE NOT PRESENT.
7. 5000 PSI 3/8" 710 HP CEMENT CONCRETE SHALL BE USED TO PERFORM THE REPAIRS.
8. PRESOAK CONCRETE SUBSTRATE WITH A WATER HOSE FOR 24 HOURS OR AS LONG AS SITE CONSTRAINTS PERMIT. AT TIME OF REPAIR CONCRETE PLACEMENT, SUBSTRATE SHALL BE SATURATED SURFACE DRY WITH NO STANDING WATER.
9. ALL SURFACES SHALL BE RUBBED TO PRODUCE A SMOOTH FINISH TO MATCH EXISTING SURFACES.
10. IF AN EPOXY BONDING COMPOUND IS USED (AS DIRECTED BY THE ENGINEER), THE MATERIALS SHALL MEET AASHTO M235 TYPE V. GRADE AND CLASS SHALL BE SPECIFIED FOR EACH INDIVIDUAL APPLICATION. THE EPOXY COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. IN NO CASE WILL THE EPOXY BONDING COMPOUND BE ALLOWED TO CURE TO A HARDENED STATE PRIOR TO CONCRETE PLACEMENT. IF THIS DOES OCCUR IT MUST BE COMPLETELY REMOVED.

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	



WEST ABUTMENT

SCALE: 3/4" = 1'-0"



EAST ABUTMENT

SCALE: 3/4" = 1'-0"

ELASTOMERIC PROTECTIVE COATING NOTES:

1. THE ELASTOMERIC PROTECTIVE COATING SHALL BE APPLIED TO ABUTMENTS AND OTHER SUBSTRUCTURE ELEMENTS AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR SHALL REPAIR ANY SPALLED AND DAMAGED CONCRETE SURFACE UNDER APPROPRIATE ITEMS PRIOR TO APPLYING THE COATING. ANY CONCRETE SURFACE WITH PROFILE AMPLITUDE OF 1/8" OR MORE, OR AS DIRECTED BY THE ENGINEER, SHALL BE GROUND (RUBBED) SMOOTH. ALL LOOSE MATERIAL SHALL BE REMOVED. IF DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL FILL ANY HOLES AND HONEYCOMB THAT ARE LESS THAN 1/2" IN DIAMETER WITH APPROVED GROUT (REGARDLESS OF DEPTH) TO CREATE A SMOOTH SURFACE PRIOR TO APPLYING THE COATING. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 964.3.
3. ALL NEW CONCRETE SHALL BE CURED FOR A MINIMUM OF 28 DAYS BEFORE COATING. FOLLOWING THE CURING PERIOD AND PRIOR TO COATING, TEST FOR MOISTURE CONTENT IN THE CONCRETE. ALL CONCRETE TO BE COATED MUST BE TESTED FOR THE PRESENCE OF MOISTURE AFTER THE SURFACE PREPARATION HAS BEEN COMPLETED AND PRIOR TO APPLICATION OF COATING. TESTING SHALL BE IN ACCORDANCE WITH ASTM D 4263.
- 4.

LEGEND:

- SPALLED CONCRETE AREAS TO BE REPAIRED
- DELAMINATED CONCRETE AREAS TO BE REPAIRED

NOTES:

1. DETAILS SHOW THE APPROXIMATE AREAS OF DETERIORATION. THE DETERIORATED AREAS INDICATED ARE BASED ON AVAILABLE INFORMATION AND ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER A SIGNIFICANT REPRESENTATION OF THE REPAIRS TO BE PERFORMED. THE CONTRACTOR SHALL SOUND ALL CONCRETE SURFACES IN THE FIELD AND MARK OUT SPALLED, DETERIORATED AND DELAMINATED CONCRETE AREAS TO BE APPROVED BY THE ENGINEER BEFORE THE CONTRACTOR COMMENCES ANY REPAIRS.
2. ANY EARTH EXCAVATION REQUIRED FOR REPAIRS SHALL BE CONSIDERED INCIDENTAL TO THE REPAIR ITEMS.
3. PROVIDE JACKING AND SHORING FOR BEAMS 1, 3, 4, AND 5 AT WEST ABUTMENT AND BEAMS 2 & 4 AT EAST ABUTMENT AND ANY ADDITIONAL BEAMS AS DIRECTED BY THE ENGINEER WHERE EXCAVATION OF UNSOUND CONCRETE IS LOCATED WITHIN 6" OF THE BEARING.

ROYALSTON
WINCHENDON ROAD

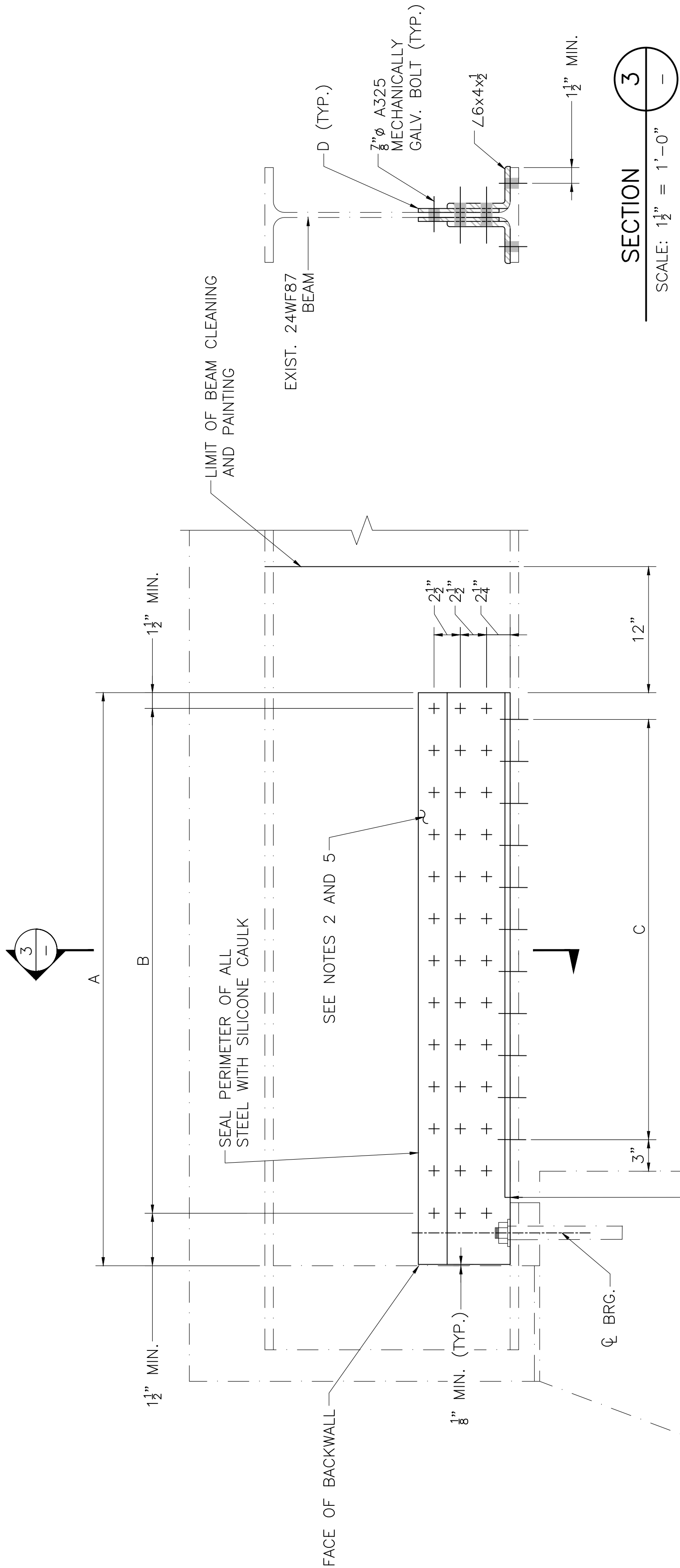
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	14	41

PROJECT FILE NO.	616301

STEEL REPAIR DETAILS

STEEL REPAIR NOTES:

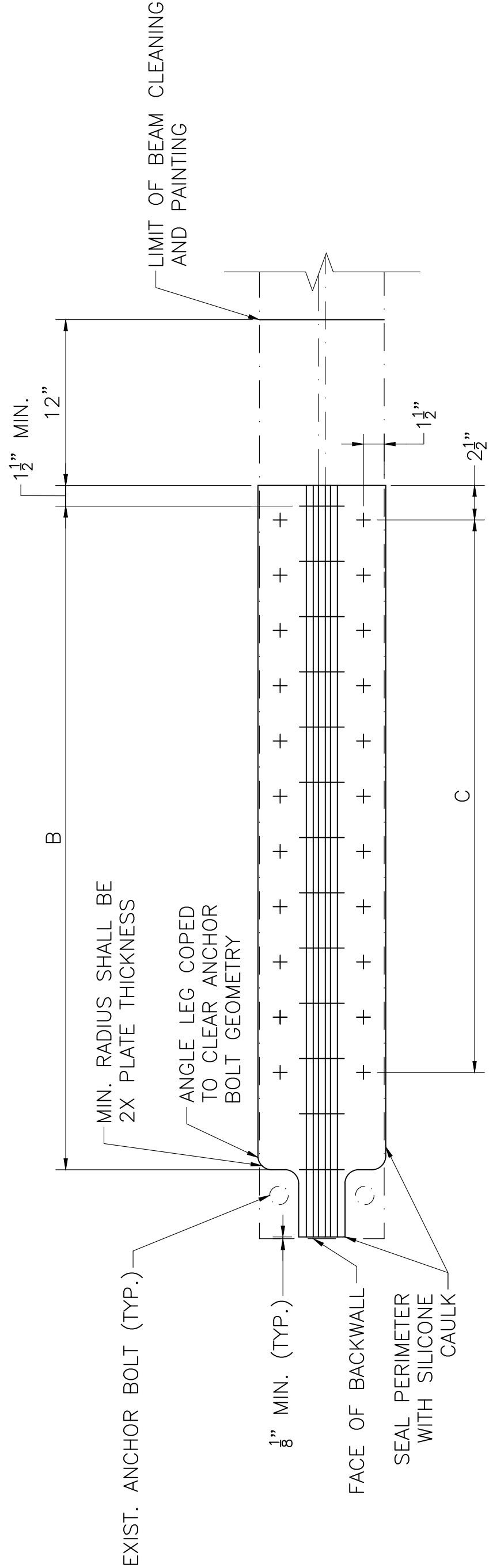
- CLEAN THE CONTACT SURFACES OF EXISTING STEEL IN ACCORDANCE WITH SPECIAL PROVISIONS. THE CONTACT SURFACES SHALL BE FREE OF PAINT, OIL, AND GREASE, AND SHALL PROVIDE THE NECESSARY SLIP RESISTANCE FOR CLASS A SLIP CRITICAL CONNECTIONS.
- ENGINEER TO INSPECT CLEANED REPAIR AREA AND VERIFY REPAIR LIMITS BASED ON CONDITIONS EXPOSED BY CLEANING.
- THE BEAM SHALL BE INSPECTED FOR DAMAGE DUE TO CONTRACTOR OPERATIONS. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
- IN LOCATIONS WHERE HEAVY DETERIORATION HAS OCCURRED OR AS DIRECTED BY THE ENGINEER, EPOXY REPAIR FAIRING COMPOUND SHALL BE APPLIED OVER THE PRIME COAT AS FOLLOWS:
 - THE EPOXY REPAIR COMPOUND SHALL BE APPLIED TO THE DETERIORATED AREAS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL THE METHODS, PROCEDURES, AND MATERIALS TO BE USED FOR THE WORK.
 - THE REPAIR COMPOUND SHALL ONLY BE APPLIED TO THOSE AREAS OF THE EXISTING STEEL THAT EXHIBIT SEVERE SECTION LOSS TO COMPLETELY FILL THE IRREGULARITIES IN THE EXISTING STEEL SURFACES SUCH THAT NO VOIDS REMAIN BETWEEN THE PILES OF THE EXISTING STEEL AND THE PROPOSED STRENGTHENING STEEL IN THE FINAL REPAIRED CONDITION.
 - THE PROPOSED REPAIR STEEL SHALL BE PROPERLY POSITIONED AND BROUGHT INTO FIRM CONTACT WITHIN THE WORKING TIME LIMITS OF THE EPOXY REPAIR COMPOUND. THE REPAIR STEEL SHALL BE SECURED IN PLACE USING POSITIONING BOLTS TENSIONED TO A SNUG TIGHT CONDITION AND CLAMPS OR OTHER MECHANICAL MEANS TO BRING THE PILES OF THE EXISTING STEEL AND NEW STEEL INTO FIRM CONTACT. WELDING IS NOT ALLOWED.
 - ONCE THE PROPOSED STEEL HAS BEEN SECURED INTO POSITION WITH THE POSITIONING BOLTS, AND THE EPOXY COMPOUND HAS CURED, THE REMAINING H.S BOLTS SHALL BE INSTALLED FOLLOWING THE PROCEDURE OUTLINED IN THE GENERAL NOTES.
 - EPOXY COMPOUND FOR STRUCTURAL STEEL REPAIRS SHALL BE A SOLVENT FREE, MOISTURE TOLERANT, EPOXY PASTE ADHESIVE SYSTEM. THE EPOXY PASTE SHALL BE DEVELOPED SPECIFICALLY FOR FILLING, SMOOTHING, SEALING, OR FAIRING APPLICATIONS ON METALS. THE PASTE SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S LATEST WRITTEN INSTRUCTIONS. AND ACCEPTABLE PRODUCE SHALL BE ONE OF THE FOLLOWING OR AN APPROVED EQUAL: ITW PHILADELPHIA RESINS REPAIR COMPOUND MANUFACTURED BY: ITW PHILADELPHIA RESINS, SIKADUR 31, HI-MOD GEL MANUFACTURED BY: SIKA CORPORATION, DEVCON PLASTIC STEEL PUTTY (A) MANUFACTURED BY: ITW DEVCON, FX-738 METAL FILLED EPOXY MANUFACTURED BY: SIMPSON STRONG-TIE.
 - STEEL ELEMENTS FOR REPAIR SHALL BE BOLTED TO EXISTING STEEL SURFACES.
 - STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GRADE 36 OR GRADE 50. IT SHALL BE CONSIDERED A MAIN MEMBER AND CONFORM TO THE CHARPY V-NOTCH REQUIREMENTS OF AASHTO M270 ZONE T2.
 - IN THE CASE THAT ANY STEEL REPAIR ANGLE INTERFERES WITH THE EXISTING ANCHOR BOLT, A LEG OF THE ANGLE CAN BE COPED TO PROVIDE CLEARANCE AROUND THE EXISTING ANCHOR BOLT.
 - CLEAN AND PAINT REPAIRED AREA PER SPECIAL PROVISIONS.
 - SEAL PERIMETER OF ALL STEEL WITH SILICONE CAULK.



SECTION 3
SCALE: 1 1/2" = 1'-0"

BEAM END REPAIR

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



BOLTED BEAM END
REPAIR AT BEARING DETAIL

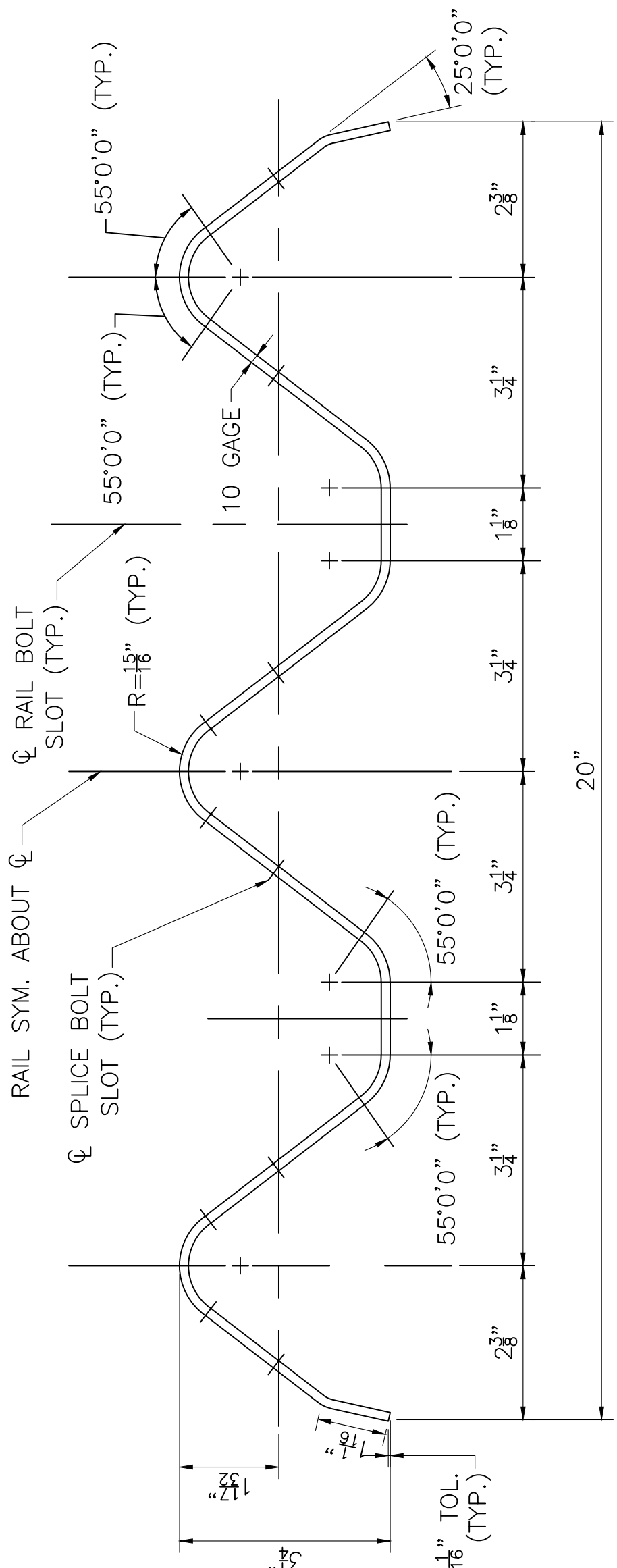
SCALE: 1 1/2" = 1'-0"

PROPOSED BEAM END REPAIR SCHEDULE						
BEAM	LOCATION	SECTION	A	B	C	D
1	WEST ABUTMENT	24WF87	7'-6"	29 SP. @ 3" = 7'-3"	27 SP. @ 3" = 6'-9"	8" x 8 3/4" WEB PLATE
1	EAST ABUTMENT	24WF87	7'-6"	29 SP. @ 3" = 7'-3"	27 SP. @ 3" = 6'-9"	8" x 8 3/4" WEB PLATE
5	WEST ABUTMENT	24WF87	6'-6"	25 SP. @ 3" = 6'-3"	23 SP. @ 3" = 5'-9"	8" x 8 3/4" WEB PLATE
5	EAST ABUTMENT	24WF87	8'-0"	31 SP. @ 3" = 7'-9"	29 SP. @ 3" = 7'-3"	8" x 8 3/4" WEB PLATE

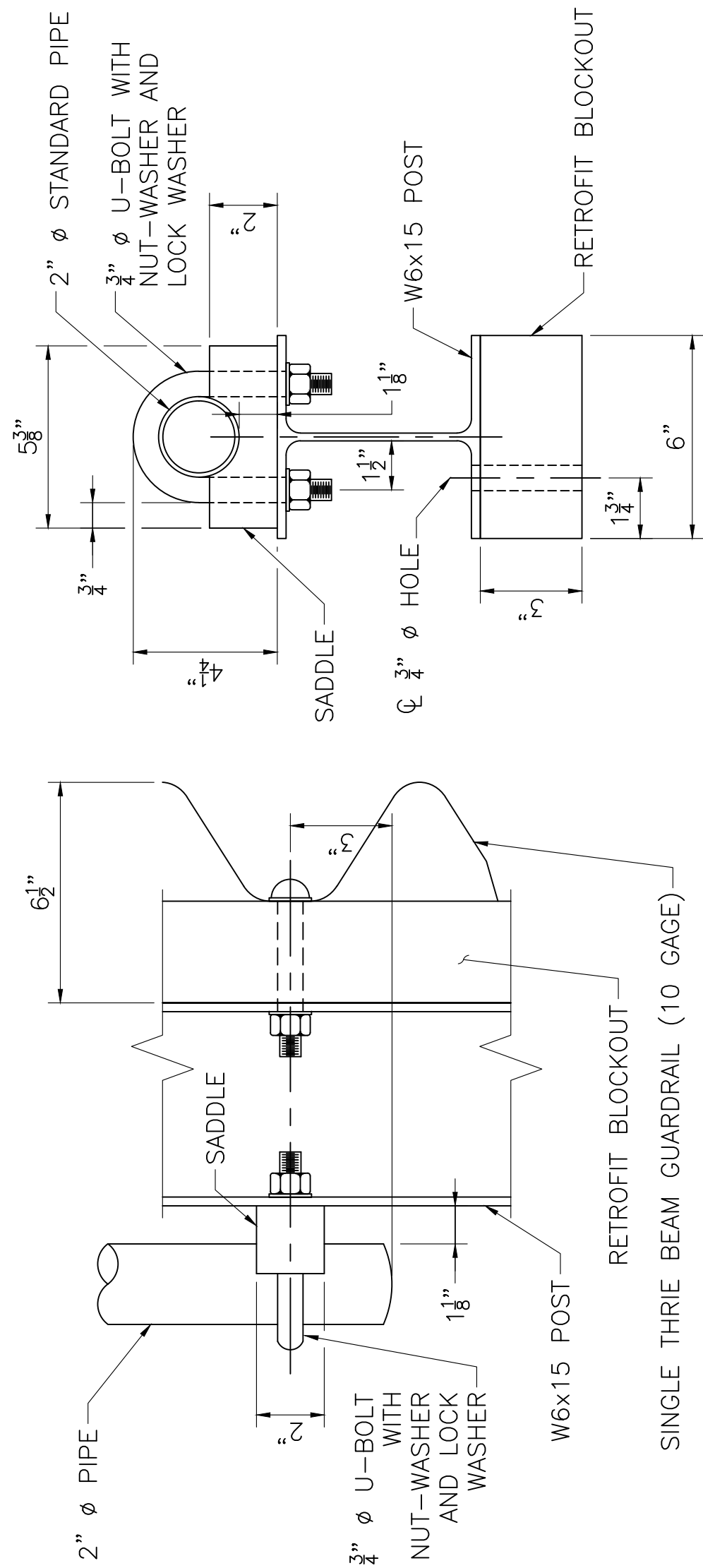
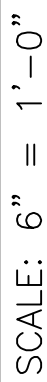
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

ROYALSTON WINCHENDON ROAD			
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	15	41
PROJECT FILE NO.			616301

RAILING DETAILS



STEEL THRIE BEAM BRIDGE GUADRAIL

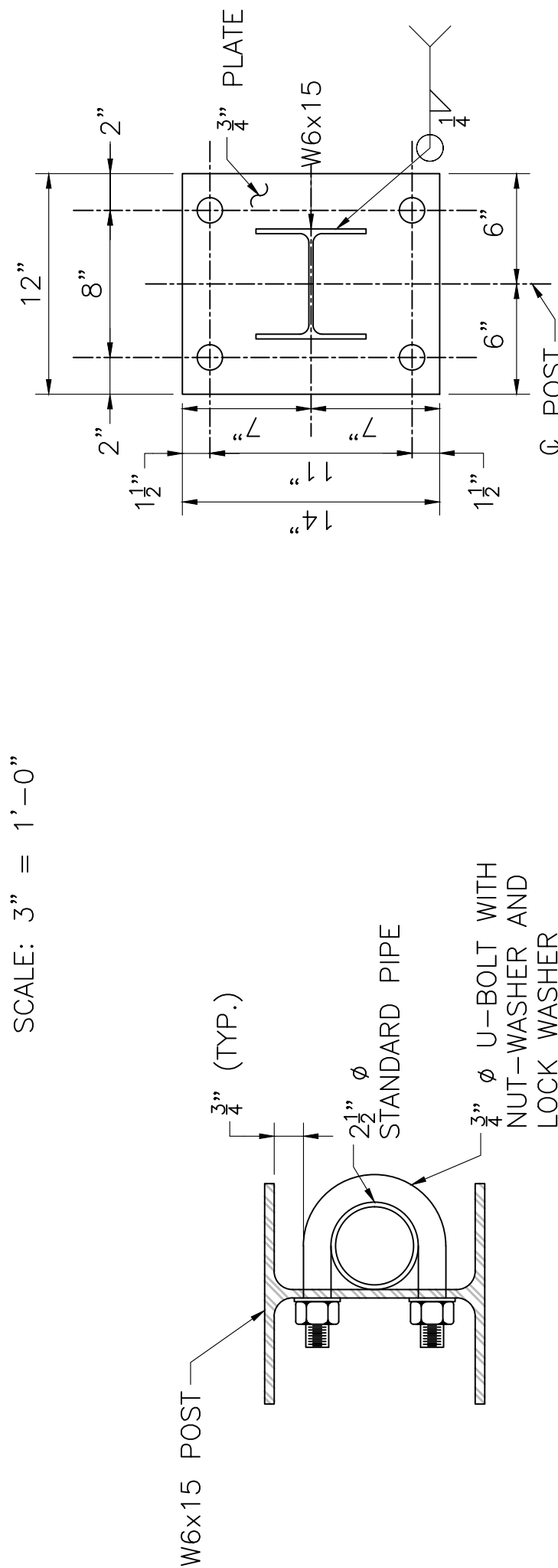


PLAN



CONNECTION DETAIL

SCALE: 3" = 1'-0"

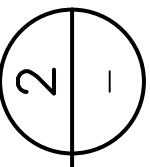


THRIE BEAM POST BASE PLATE DETAIL

SCALE: $1\frac{1}{2}" = 1'-0"$

SECTION

SCALE: 3" = 1'-0"

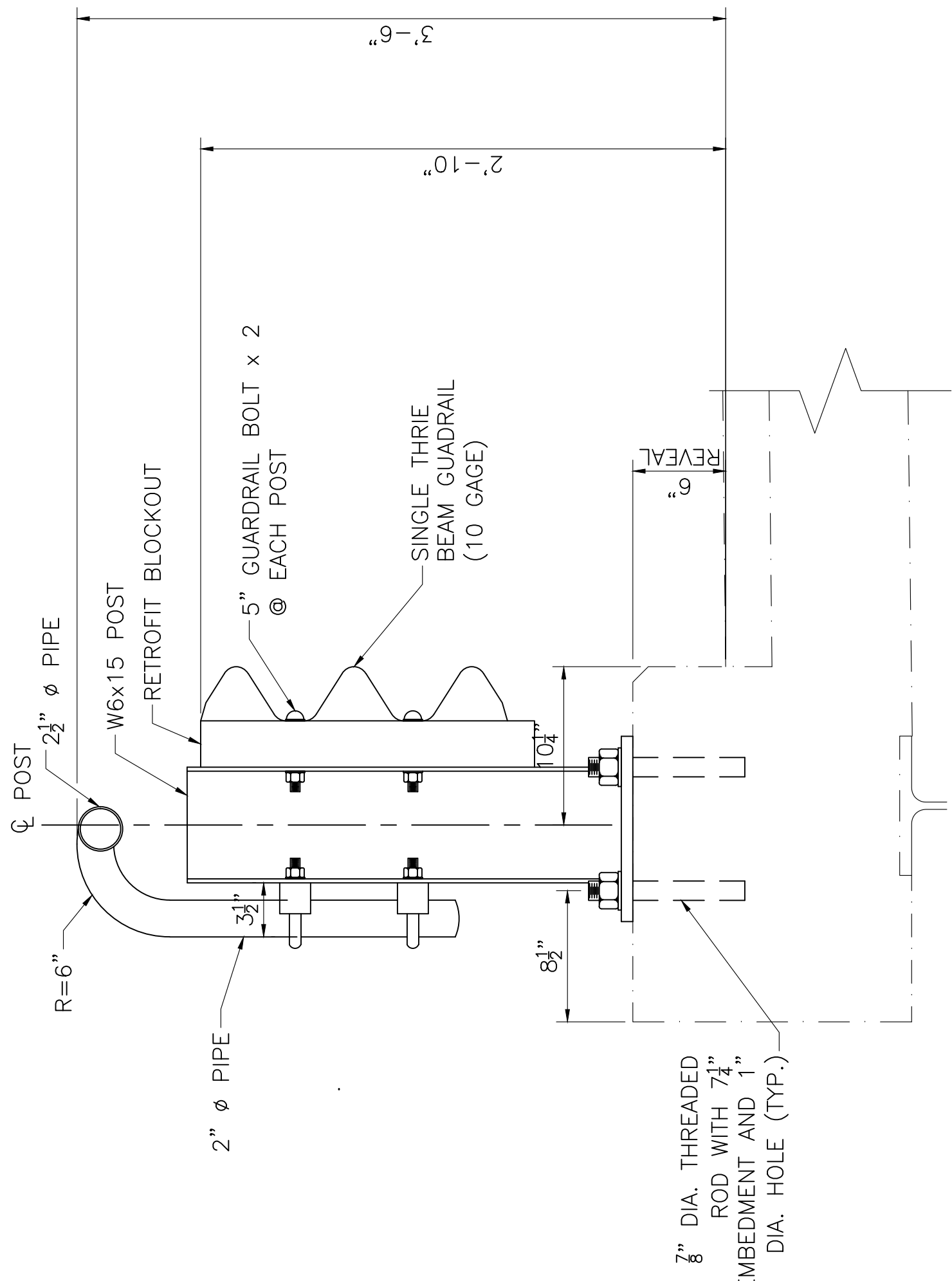


MATERIALS:

1. STANDARD WEIGHT PIPES SHALL BE ASTM A 500 GRADE B GALVANIZED.
2. RAIL POST, BASE PLATES AND ANCHOR PLATES SHALL BE AASHTO M270, GRADE 50 GALVANIZED.
3. THIRTEEN BEAM BRIDGE RAIL SHALL BE AASHTO M180, CLASS B (10 GAGE), AND GALVANIZED.
4. NUTS, BOLTS, AND WASHERS SHALL BE ASTM A325 GALVANIZED.
5. SADDLE SHALL BE ASTM A36 OR GREATER, GALVANIZED

GENERAL NOTES:

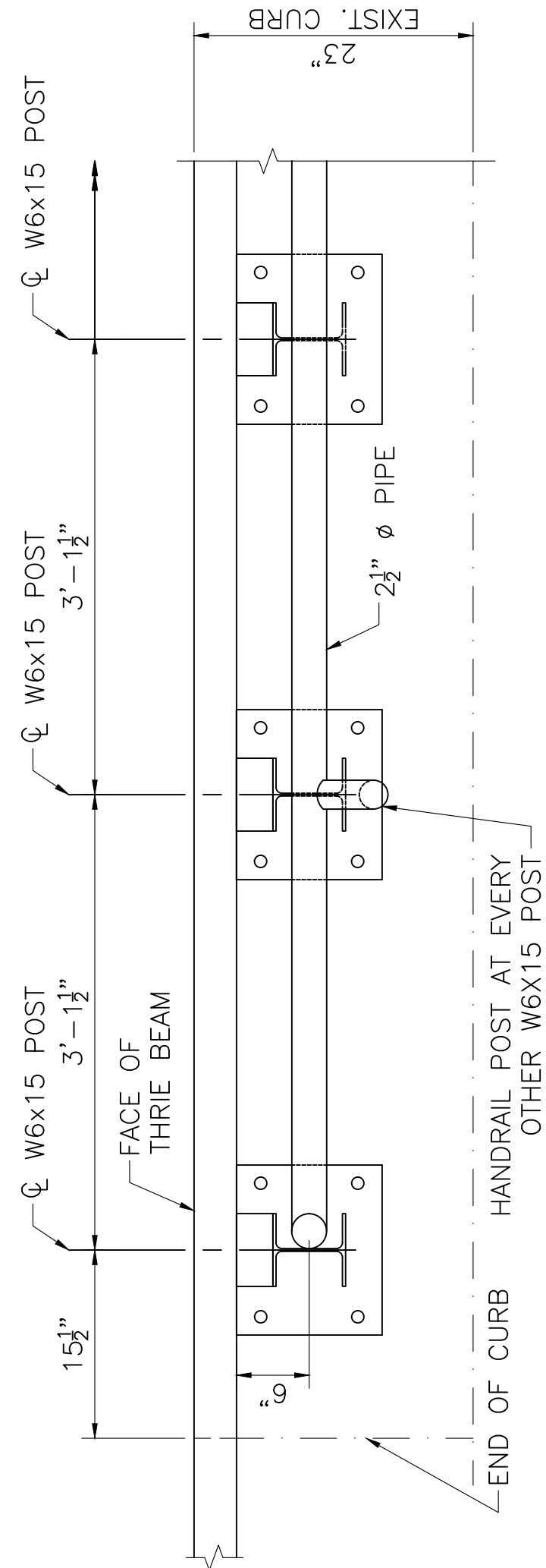
1. THREE BEAM SHALL BE CONTINUOUS OVER A MINIMUM OF FOUR POSTS.
2. ANCHOR BOLTS SHALL BE SET WITH TEMPLATES. THE NUT SECURING THE POST BASE PLATE TO THE CONCRETE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL 1/4 TURN AFTER STEEL IS IN PLACE.
3. ALL POSTS SHALL BE SET PLUMB WHEN PROFILE GRADE EXCEEDS 1.5% FOR PROFILE GRADES LESS THAN 1.5%. POSTS SHALL BE SET PERPENDICULAR TO GRADE.
4. WELDING SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AASHTO/AWS D.1.5.
5. PLACE A REFLECTORIZED WASHER IN THE UPPER VALLEY OF EVERY THIRD BEAM POST.



NOTE:
REINFORCING NOT SHOWN FOR CLARITY. SEE SHEET 3 FOR SAFETY CURB REINFORCING.

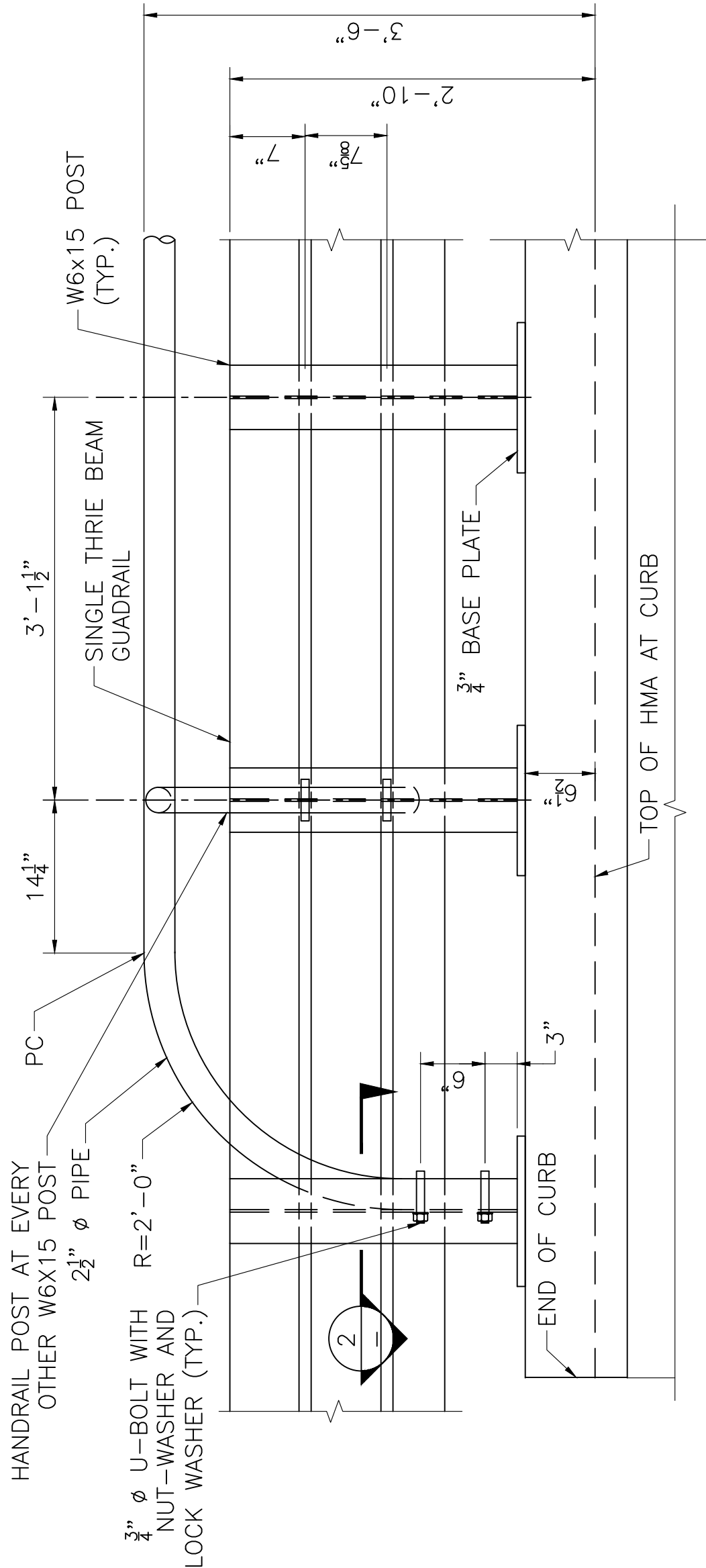
RAILING DETAIL

SCALE: $1\frac{1}{2}" = 1'-0"$



THRIE BEAM END PLAN

SCALE: 1" = 1'-0"



THREE BEAM END ELEVATION

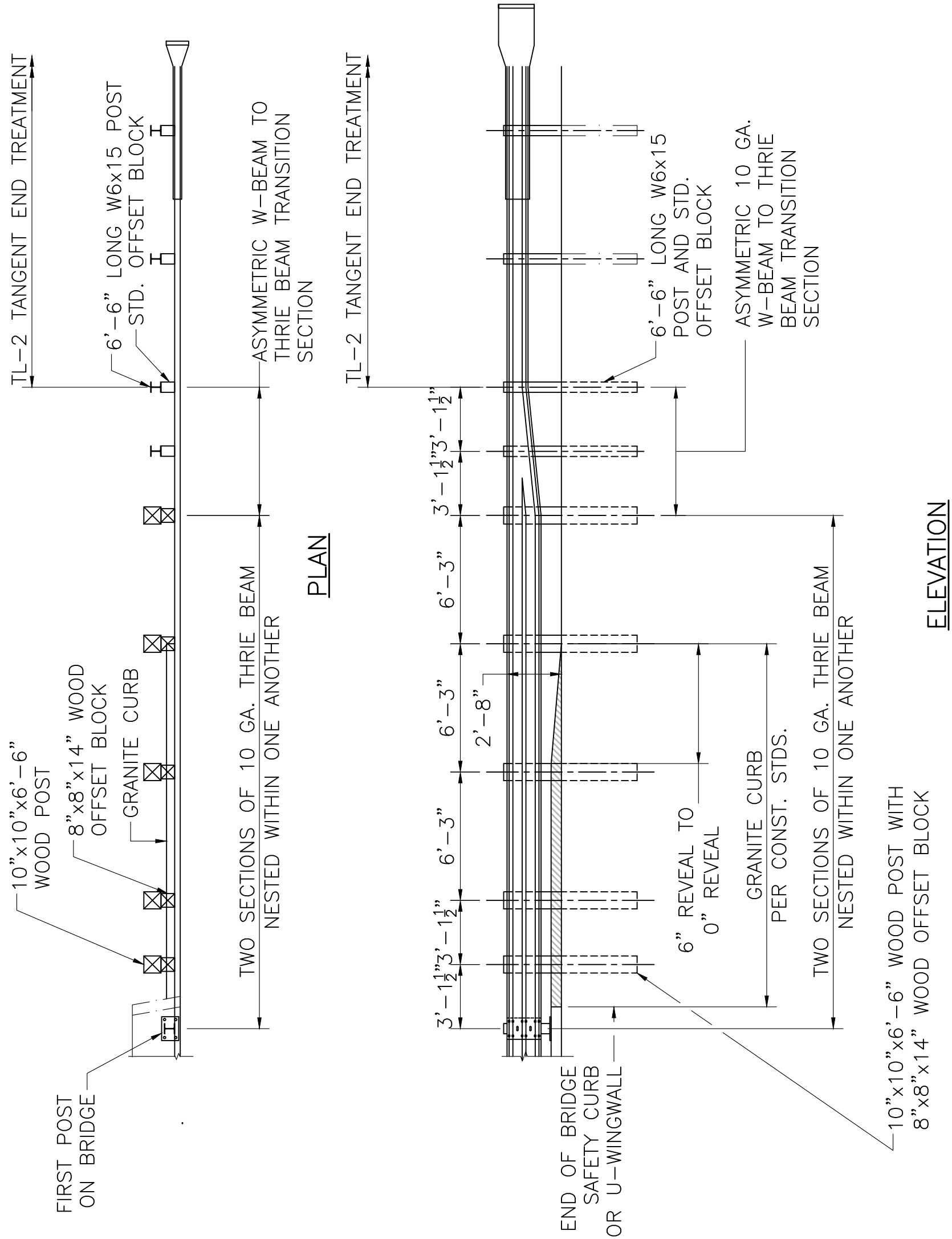
SCALE: 1" = 1'-0"

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

ROYALSTON
WINCHENDON ROAD

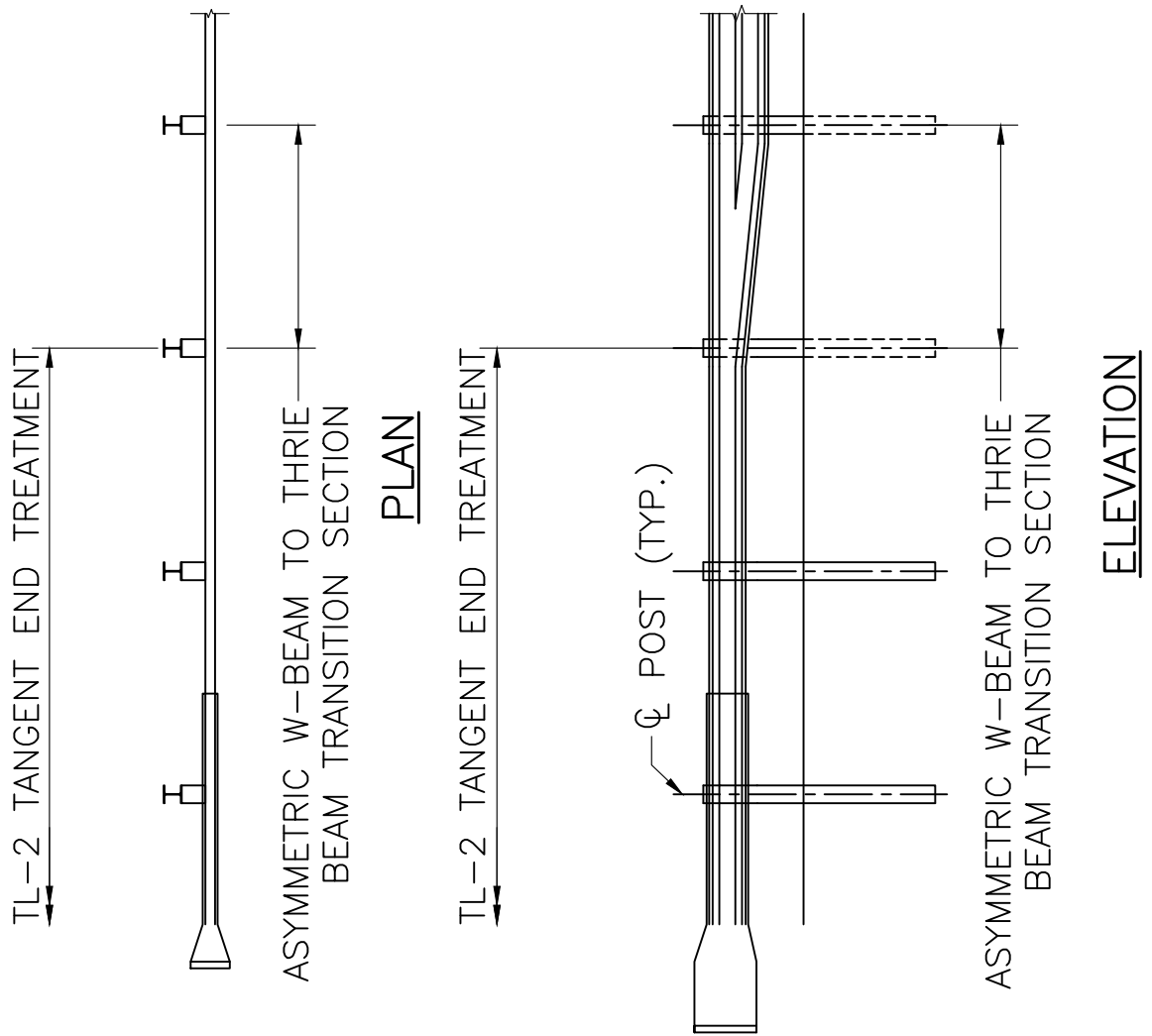
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	16	41
PROJECT FILE NO. 616301			

MISCELLANEOUS DETAILS



GUARDRAIL TRANSITION ENTRANCE

SCALE: $\frac{3}{8}" = 1'-0"$



EXIT END TRANSITION

SCALE: $\frac{3}{8}" = 1'-0"$

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	18	41
PROJECT FILE NO. 616301			

TEMPORARY TRAFFIC CONTROL PLAN 1



TRAFFIC DEVICE LEGEND

SIGN

TEMPORARY CONCRETE BARRIER

TEMPORARY CONCRETE BARRIER - LIMITED DEFLECTION

IMPACT ATTENUATOR

**BRIDGE NO. K-12-013 (167)
TEMPORARY TRAFFIC SIGNAL**

NOTE:

1. W20-1 AND MA-R2-10e SHALL ALSO BE
INSTALLED ON NEW BOSTON RD



SCALE: 1" = 20'

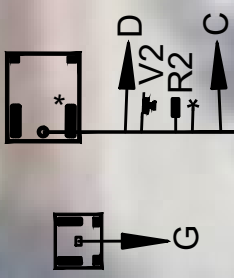
SHEET 9 OF 12 SHEETS BRIDGE NO. R-12-013 (167)

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

ROYALSTON
WINCHENDON ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	19	41
PROJECT FILE NO. 616301			

TEMPORARY TRAFFIC CONTROL PLAN 2

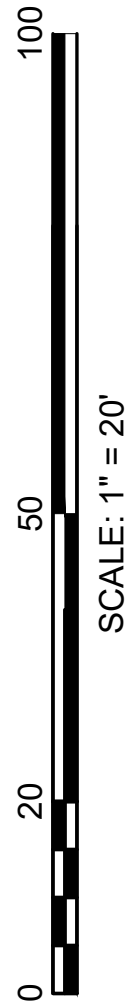


TRAFFIC DEVICE LEGEND

	SIGN
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER - LIMITED DEFLECTION
	IMPACT ATTENUATOR

BRIDGE NO. R-12-013 (167)
TEMPORARY TRAFFIC
SIGNAL

NOTE:
1. W20-1 AND MA-R2-10e SHALL ALSO BE
INSTALLED ON NEW BOSTON RD



JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

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WINCHENDON ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	20	41
PROJECT FILE NO.		616301	

TEMPORARY SIGNAL TIMINGS

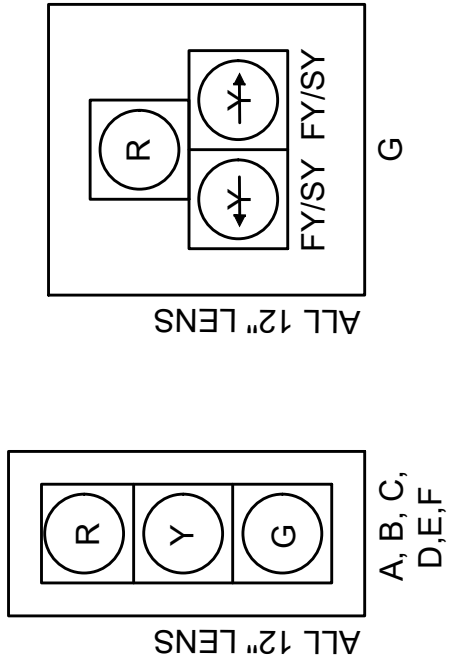
VIDEO DETECTION DATA								
VIDEO CAMERA	DETECTOR NO.	PHASE CALLED	PHASE EXT.	OPERATIONS	DELAY TIME	EXT. TIME	WIDTH (FEET)	LENGTH (FEET)
V1		Ø2	Ø2	PRESENCE	—	—	6	40
V2		Ø6	Ø6	PRESENCE	—	—	6	40
V3		Ø8	Ø8	PRESENCE	—	—	6	40

FIRE PRE-EMPTION SCHEDULE				
RECEIVER AND PRIORITY	PRE-EMPT PHASE ASSIGNMENT	APPROACH AND MOVEMENT	VEHICLE PHASE ASSIGNMENT	NEXT PHASE CALLED
R1	1	EB →	Ø2	Ø6
R2	2	WB ←	Ø6	Ø2

NOTES:

- EMERGENCY VEHICLE PRE-EMPTION SIGNALS SHALL BE TRANSMITTED BY OPTICAL AND INFRARED EMITTERS MOUNTED IN EMERGENCY VEHICLES AND RECEIVED BY RECEIVERS LOCATED AT THE INTERSECTION.
- PRE-EMPTION SIGNALS SHALL BE SERVICED ON A PRIORITY BASIS WITH RECEIVERS ASSIGNED DESCENDING PRIORITIES AS FOLLOWS: (R1, R2, THEN R3)
- IN RESPONSE TO A PRE-EMPTION SIGNAL RECEIVED BY AN OPTICAL RECEIVER THE CONTROLLER SHALL HOLD OR ADVANCED TO AND HOLD IN EMERGENCE PRE-EMPTION THE ASSOCIATED GREEN PHASE FOR A MINIMUM OF TEN (10) SECONDS OR UNTIL, PRE-EMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN PROVIDE PRE-EMPTION PHASE CLEARANCE SERVICE THEN RESUME NORMAL OPERATION
- MINIMUM GREEN AND NORMAL VEHICLE CLEARANCE SHALL BE PROVIDED ON PHASES THAT ARE TO BE TERMINATED BY PRE-EMPTION DEMAND.
- ONCE PRE-EMPTION TERMINATED THE SIGNAL WILL RETURN TO PHASE SHOWN

SIGNAL IDENTIFICATION



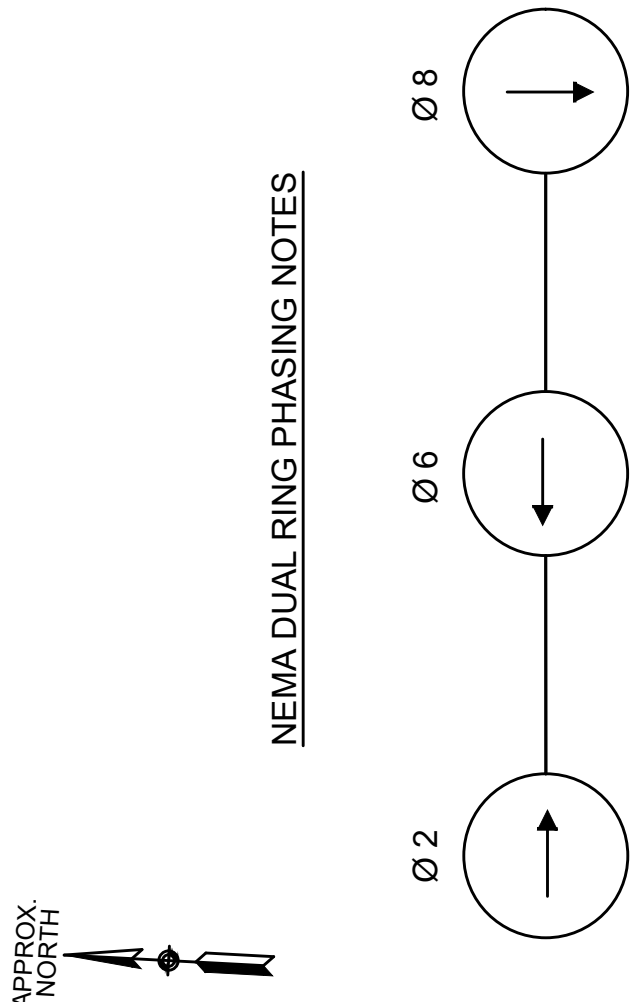
NOTES:

- ALL VEHICLE SIGNAL HEADS SHALL BE LED TYPE
- ALL VEHICLE SIGNAL HEADS SHALL BE 12 INCHES
- ALL HOUSINGS TO BE PROVIDED WITH TUNNEL VISORS AND 5-INCH NON-LOUVERED BACKPLATES WITH 3-INCH YELLOW TAPE RETROREFLECTIVE BORDER
- SIGNAL HEADS SITUATED AT RESIDENTIAL DRIVEWAYS SHALL PROVIDE FULL TUNNEL VISORS AND BE ANGLED DOWNWARD TO MINIMIZE SIGNAL LIGHT GLARE TOWARDS RESIDENCES

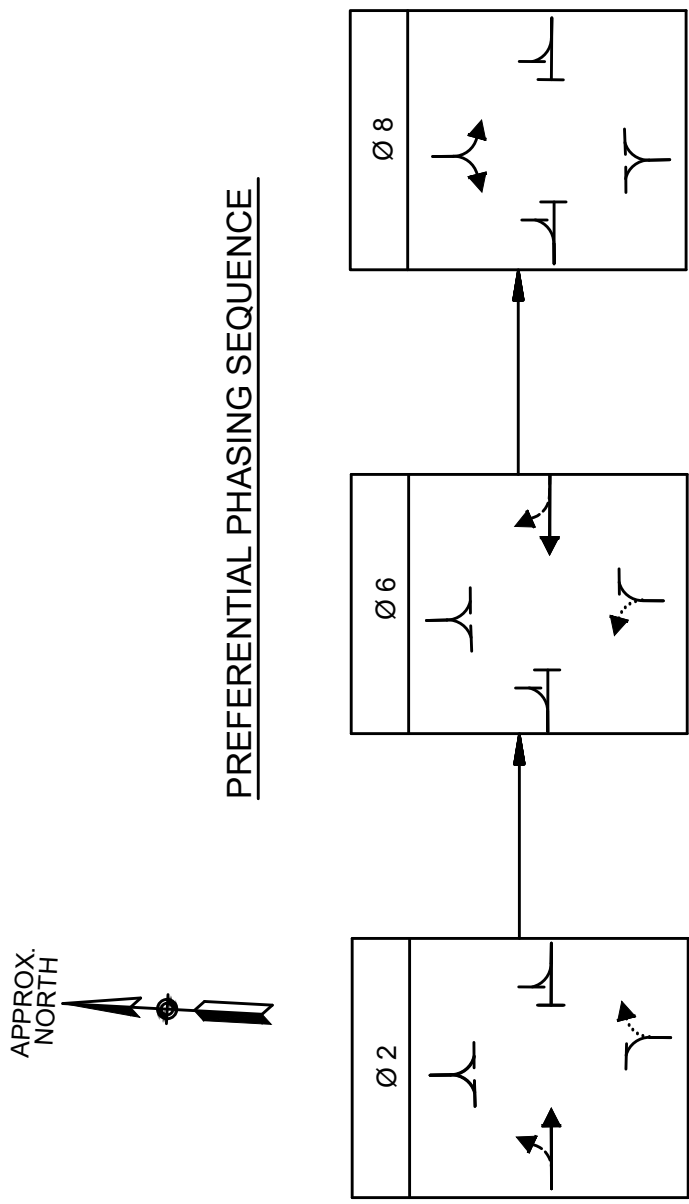
SEQUENCE & TIMING FOR FULL ACTUATED CONTROL WINCHENDON ROAD																								
APPROX NORTH 																								
APPROACH		DIRECTION		HOUSINGS			INTERVALS																	
WINCHENDON ROAD		EB		AB		1			2			3			1			2			3			
WINCHENDON ROAD		WB		CD		R			Y			R			R			R			R			
OLD TURNPIKE RD. TEMP. SIGNAL		SB		EF		R			R			R			G			Y			R			
#174 DRIVEWAY TEMP. SIGNAL		NB		G		FRY			SRY			R			FLY			SLY			R			
TIMING IN SECONDS																								
MINIMUM GREEN (INITIAL)				10			10			10			10			10			10			10		
MAX GREEN 1				20			20			20			20			20			20			20		
VEHICLE EXTENSION				3			3			3			3			3			3			3		
YELLOW CLEARANCE				2.5			2.5			2.5			2.5			2.5			2.5			2.5		
RED CLEARANCE				MIN			25.5			25.5			25.5			25.5			25.5			15.0		
RECALL				MIN			NON-LOCK			MIN			NON-LOCK			MIN			NON-LOCK			NON-LOCK		
DETECTION (MEMORY)				NON-LOCK			NON-LOCK			NON-LOCK			NON-LOCK			NON-LOCK			NON-LOCK			NON-LOCK		
EMERGENCY ONLY																								
FLASHING OPERATION																								

- NOTES:
- MAXIMUM GREEN 1 SHALL BE IN EFFECT AT ALL TIMES UNLESS OTHERWISE SPECIFIED ABOVE.
 - NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PRE-EMPTION DEMAND.

MAJOR ITEMS REQUIRED		
PAY ITEM	QUANTITY	ITEM
816.83	2	TEMPORARY SIGNAL TRAILER W/ MAST ARM WITH SIGNAL HEADS
	2	DRIVEWAY ASSISTANCE DEVICE TRAILER PORTABLE TRAFFIC SIGNAL CART WITH SIGNAL HEAD
	1	PREEMPTION PHASE SELECTOR MODULE-FOUR CHANNEL
	1	PREEMPTION CARD RACK
	2	EMERGENCY PRE-EMPTION CONFIRMATION STROBE LIGHT
	2	EMERGENCY PRE-EMPTION RECEIVER (DETECTOR) - ONE WAY
	1	VIDEO DETECTION SYSTEM WITH 3 CAMERAS
PLUS ALL NECESSARY DUCT, CABLE, LABOR, MISCELLANEOUS MATERIAL AND EQUIPMENT TO COMPLETE THE INSTALLATION OF A FULLY OPERATIONAL SIGNAL SYSTEM AS INTENDED ON THESE PLANS		



NEMA DUAL RING PHASING NOTES



PREFERENTIAL PHASING SEQUENCE

NOTES:

- THE SIGNAL WILL BE ACTIVE BEFORE AND DURING WHEN THE CONSTRUCTION ON WINCHENDON ROAD OCCURS, AND WILL BE REMOVED WHEN TRAFFIC IS RESTORED TO WINCHENDON ROAD.

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
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USE ONLY PRINTS OF LATEST DATE	

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WINCHENDON ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	21	41
PROJECT FILE NO.		616301	

SIGN SUMMARY

IDENTIFICATION	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (IN)			COLOR			NUMBER OF SIGNS REQUIRED	UNIT AREA (S.F.)	AREA (S.F.)
				LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKK.	BACKGROUND	LEGEND	BORDER			
MA-R2-10a	48	36	WORK ZONES SPEEDING FINES DOUBLED	SEE MASSDOT STANDARD SIGN BOOK			FLOURE-SCENT ORANGE & WHITE	BLACK	BLACK	4	12	48
MA-R2-10e	36	48	END ROAD WORK DOUBLE FINES END				FLOURE-SCENT ORANGE & WHITE	BLACK	BLACK	4	12	48
W20-1	36	36	ROAD WORK AHEAD			SEE 2023 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES	FLOURE-SCENT ORANGE	BLACK	BLACK	4	9	36
R10-6	24	36	STOP HERE ON RED				FLOURE-SCENT WHITE	BLACK	BLACK	3	6	18
W3-3	36	36					FLOURE-SCENT ORANGE	BLACK	BLACK	3	9	27
W8-9	36	36	LOW SHOULDER				FLOURE-SCENT ORANGE	BLACK	BLACK	2	9	18
											TOTAL	177

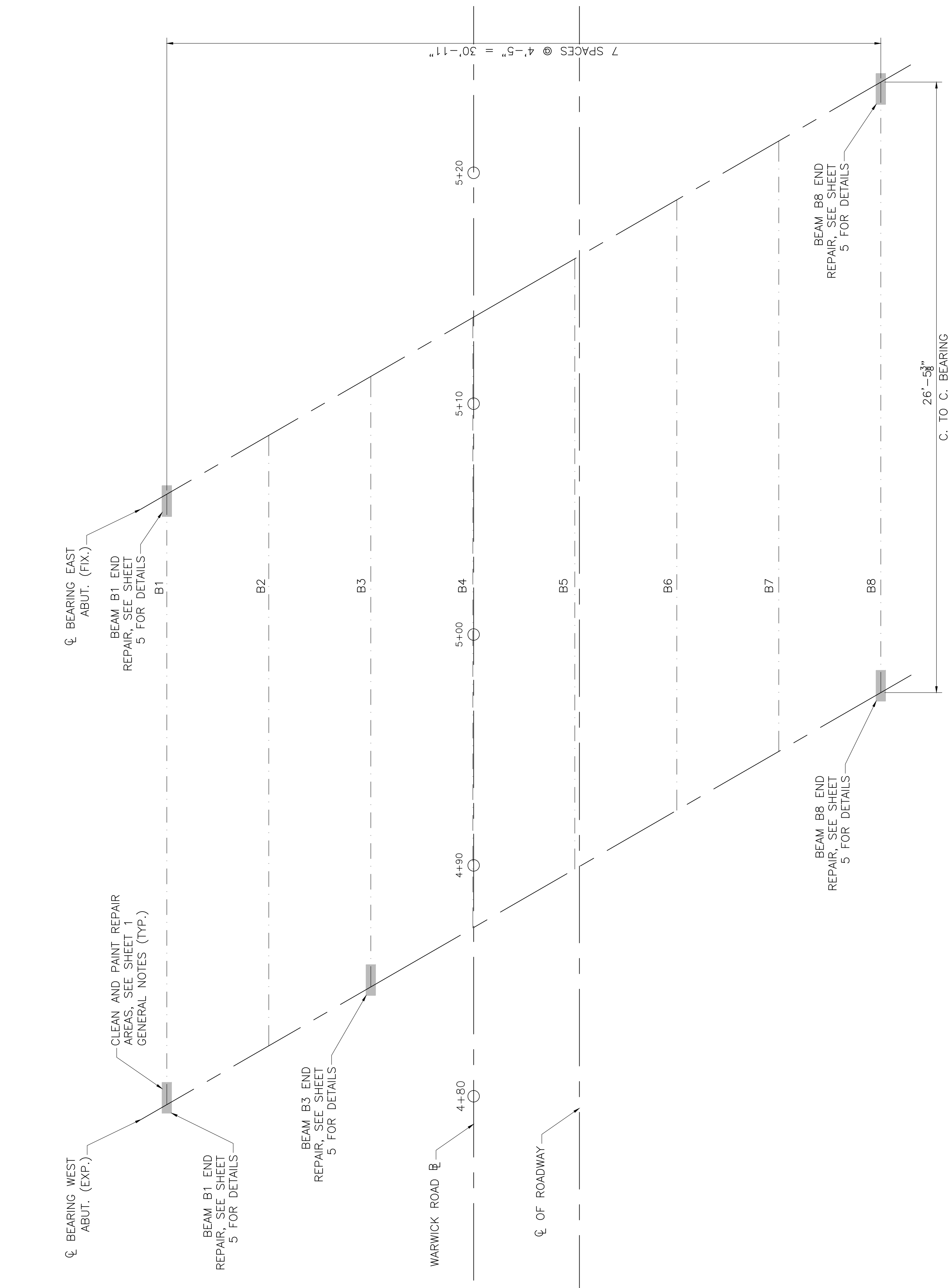
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	
SHEET 12 OF 12 SHEETS BRIDGE NO. R-12-013 (167)	

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	23	41
PROJECT FILE NO. 616301			

**NORTHFIELD
WARWICK ROAD**

FRAMING PLAN

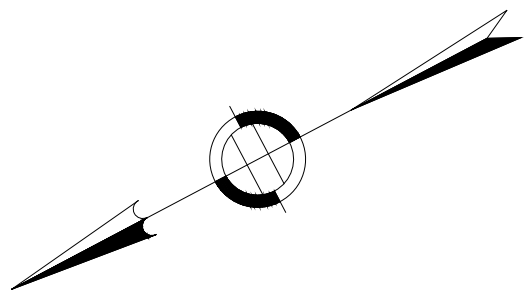
JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	



NOTE: AFTER STEEL CLEANING HAS BEEN COMPLETED STEEL SHALL BE RE-EVALUATED AND ADDITIONAL STEEL REPAIRS SHALL BE DEVELOPED AS DIRECTED BY THE ENGINEER AS NECESSARY.

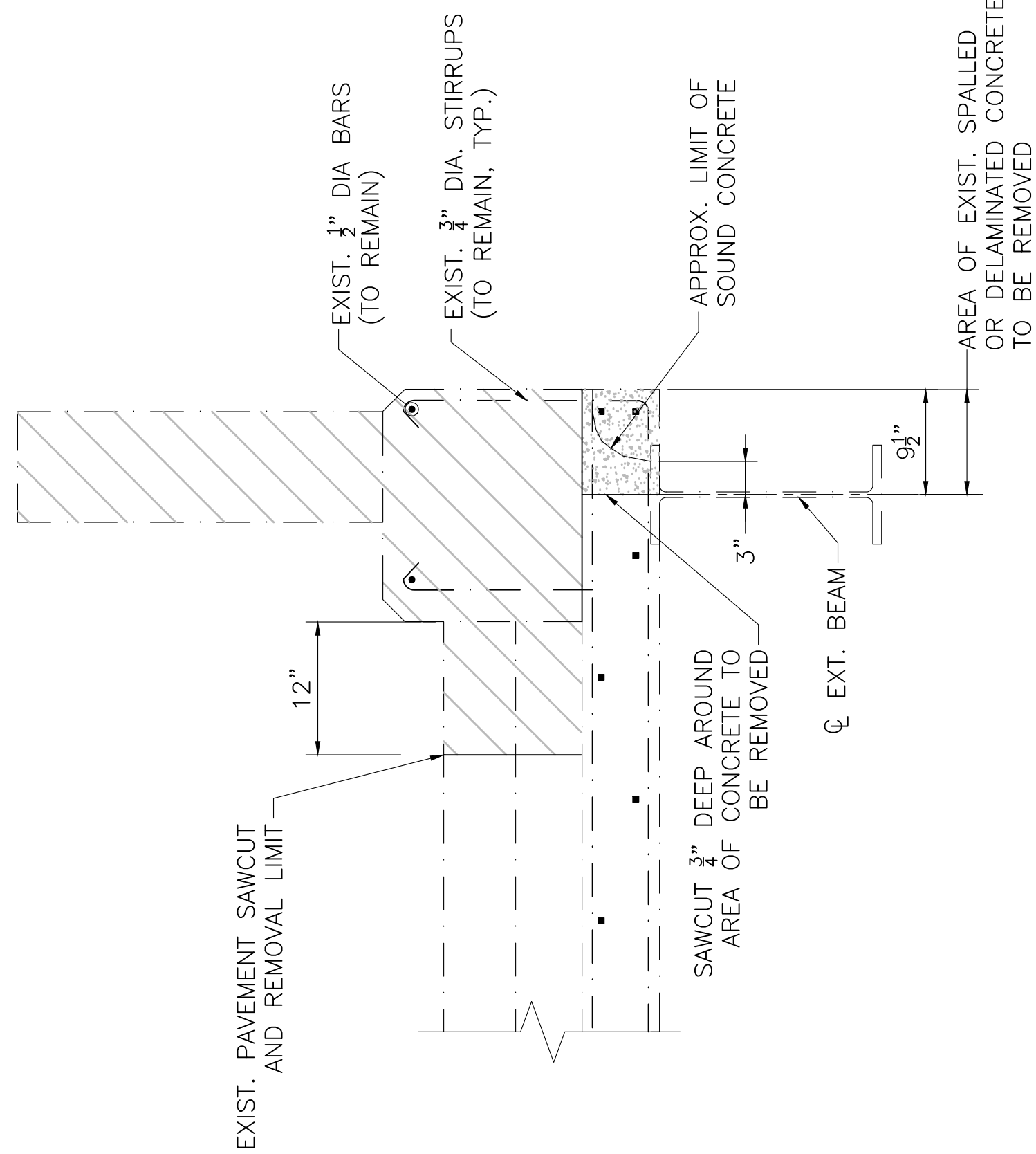
FRAMING PLAN

SCALE: $\frac{3}{8}$ " = 1'-0"



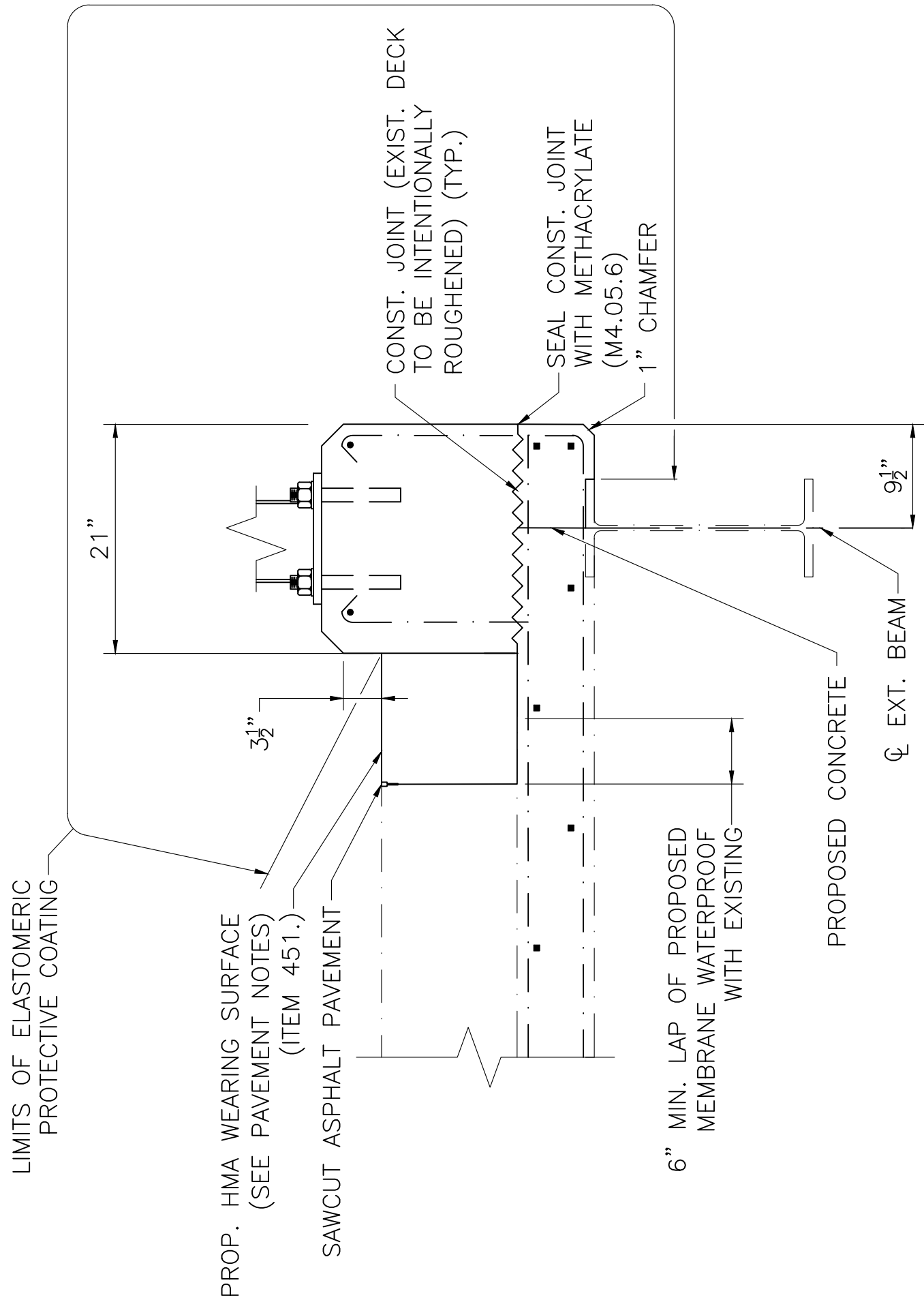
NORTHFIELD WARWICK ROAD			
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	24	41
PROJECT FILE NO. 616301		616301	

TYPICAL BRIDGE SECTIONS



DEMOLITION OF SOUTH SAFETY CURB

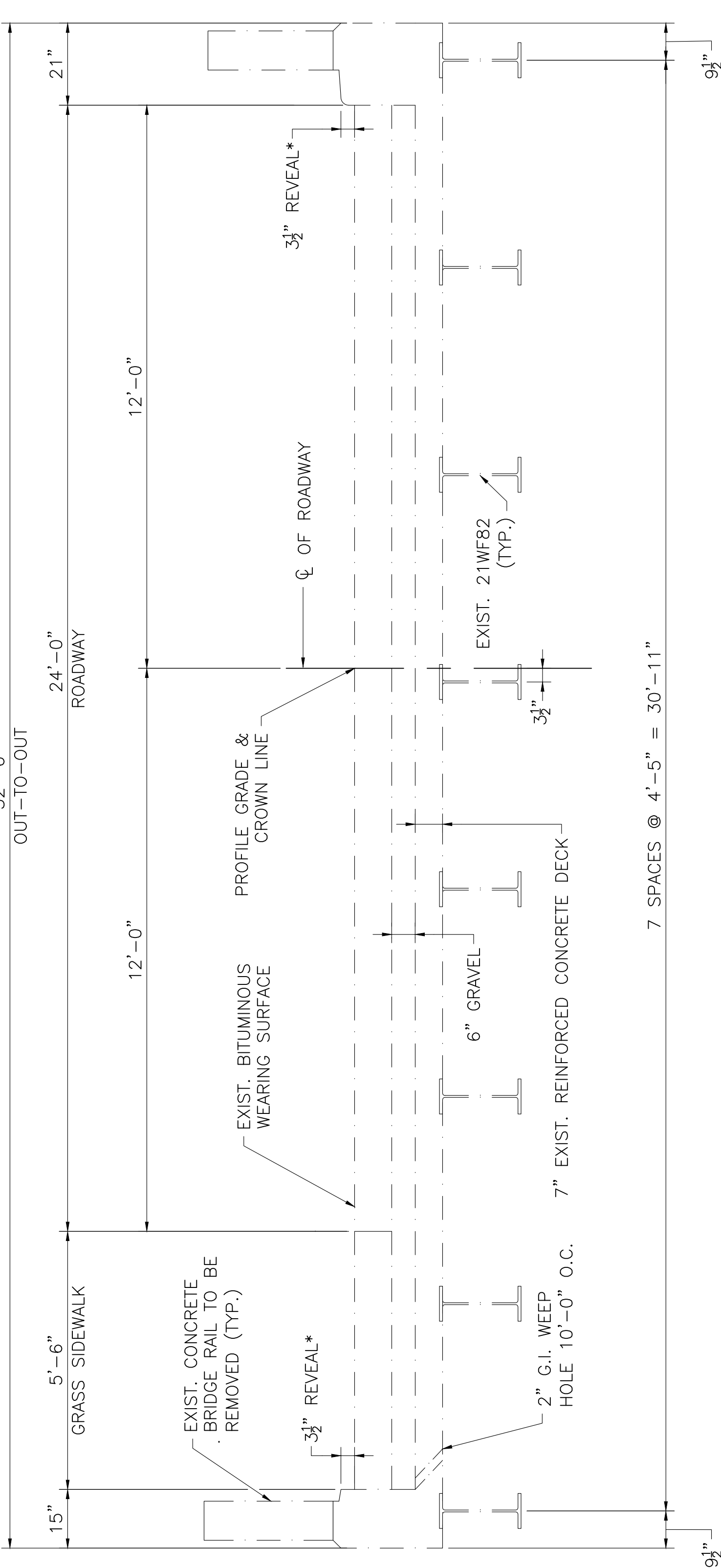
SCALE: 1" = 1'-0"



NOTE:
RAILING NOT SHOWN FOR CLARITY. SEE SHEET 6 FOR RAILING DETAILS.

PROPOSED SOUTH SAFETY CURB

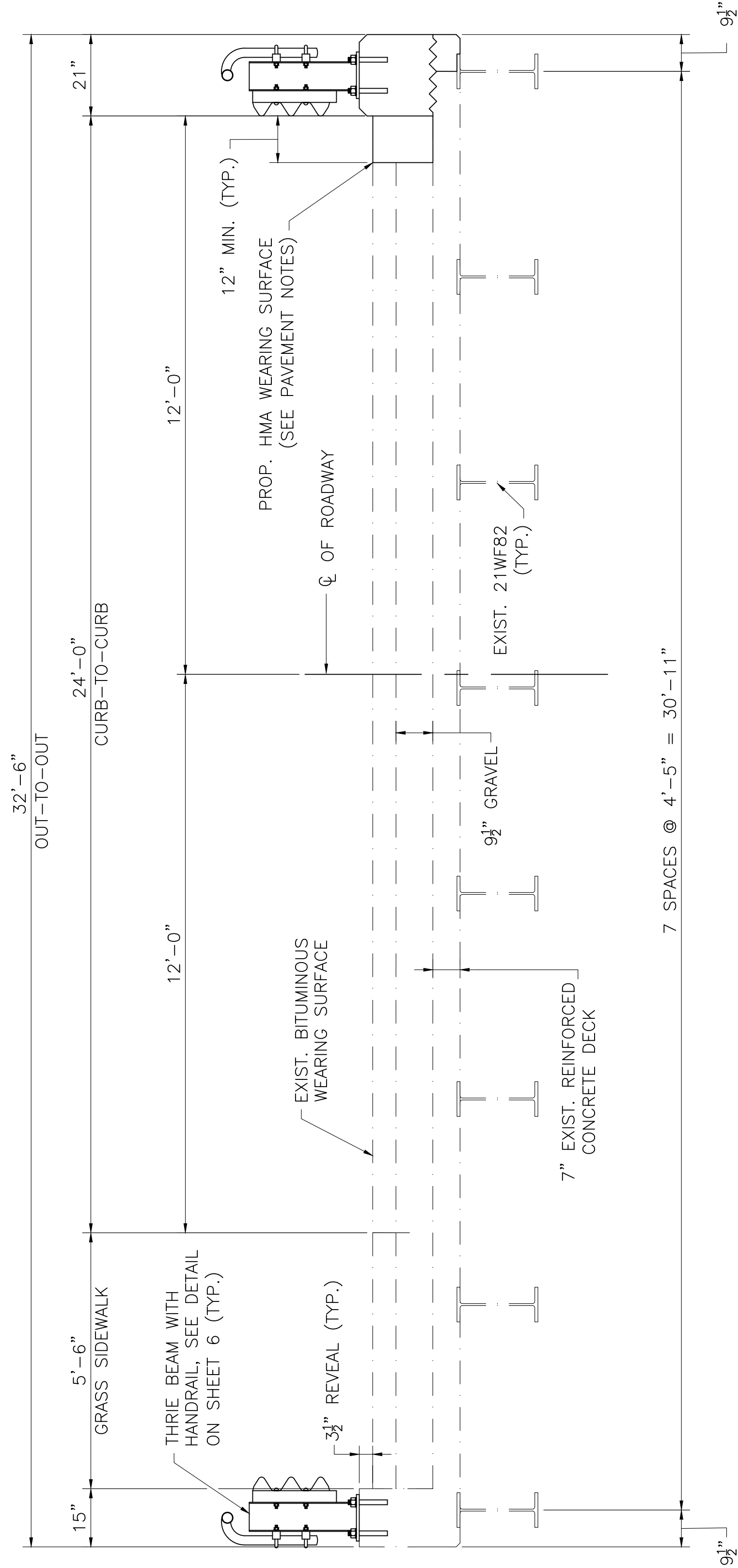
SCALE: 1" = 1'-0"



*NOTE:
EXISTING REVEAL BASED ON LATEST INSPECTION REPORT.

EXISTING TYPICAL CROSS-SECTION

SCALE: 3/4" = 1'-0"



PROPOSED TYPICAL CROSS-SECTION

SCALE: 3/4" = 1'-0"

PAVEMENT NOTES:

PROPOSED BRIDGE HMA WEARING COURSE:
SURFACE: 1 1/2" SUPERPAVE SURFACE COURSE - 9.5 (SSC-9.5)
BASE COURSE: 2" SUPERPAVE INTERMEDIATE COURSE - 12.5 (SIC-12.5)
SUB-BASE: 9 1/2" GRAVEL BORROW

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

NORTHFIELD
WARWICK ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	25	41
PROJECT FILE NO. 616301			

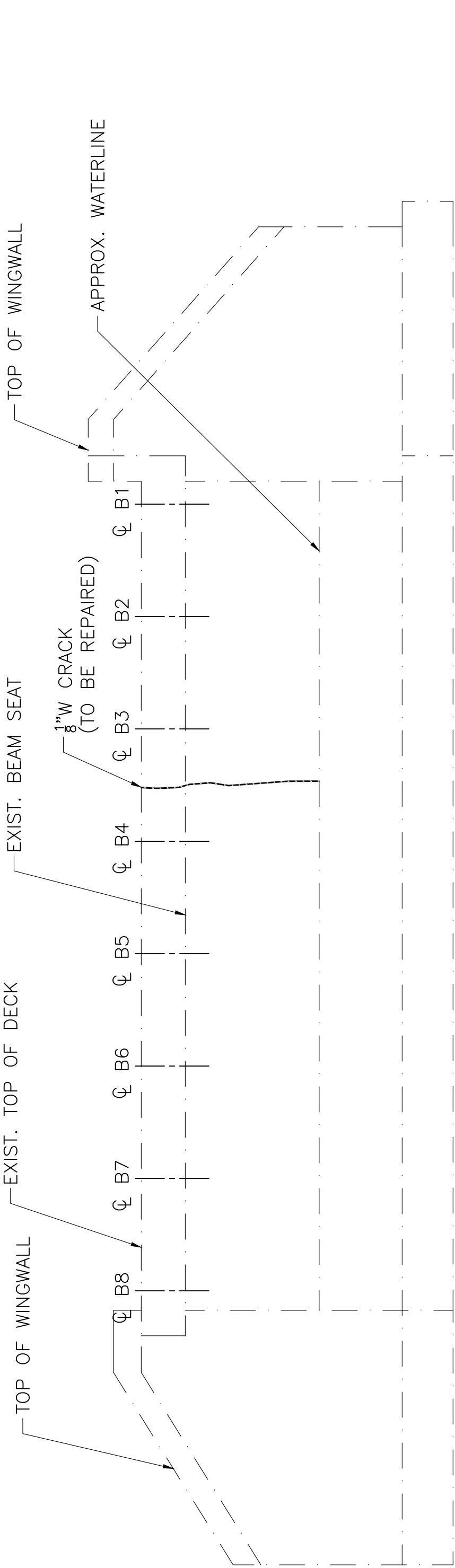
ABUTMENT ELEVATIONS

EXCAVATION AND SURFACE REPAIR NOTES:

- THE CONTRACTOR SHALL EXERCISE CARE WHEN REMOVING CONCRETE AROUND REINFORCEMENT TO ONLY REMOVE DETERIORATED CONCRETE AND TO LIMIT THE SOUND CONCRETE REMOVED TO THE MINIMUM NECESSARY TO EFFECT A GOOD REPAIR.
- THE CONTRACTOR SHALL ESTABLISH LIMITS OF VARIOUS REPAIRS AS SHOWN ON THE PLANS AND AT THE DIRECTION OF THE ENGINEER. THE LOCATIONS SHOWN ON THE PLANS ARE BASED UPON RECORDS OF BRIDGE INSPECTIONS AND OBSERVATION FROM THE GROUND AND ARE NOT GUARANTEED. THE LOCATION AND EXTENT OF ALL CONCRETE REPAIRS ARE TO BE FIELD VERIFIED AND APPROVED BY THE ENGINEER AFTER THE CONTRACTOR HAS SOUNDED AND MARKED OUT THE REPAIR AREAS. REPAIR CONFIGURATIONS SHOULD BE KEPT AS SIMPLE AS POSSIBLE, PREFERABLY WITH SQUARE CORNERS.
- THE LIMITS OF THE REPAIRS SHALL BE SAWCUT ALONG NEAT LINES TO A DEPTH OF $\frac{3}{4}$ " TO PRODUCE A CLEAN EDGE.
- REMOVE DETERIORATED AND UNSOUND CONCRETE AS WELL AS SOUND CONCRETE WHERE NECESSARY TO A MINIMUM OF 1" BEYOND SURFACE REINFORCEMENT.
- EXPOSED REINFORCEMENT IS TO BE CLEANED BY MECHANICAL CLEANING AND HIGH PRESSURE WASHING WITH WATER THAT CONTAINS NO DETERGENTS OR BOND INHIBITING CHEMICALS. WHERE ACTIVE CORROSION HAS OCCURRED (THAT WHICH WOULD INHIBIT BONDING) SANDBLAST STEEL TO SSPC-SP5.
- MISSING OR DETERIORATED REINFORCING STEEL SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. AFTER REMOVAL AND EDGE PREPARATION ARE COMPLETE, REMOVE BOND INHIBITING MATERIALS (DIRT, GREASE, LOOSELY BONDED AGGREGATE) BY ABRASION BLASTING OR HIGH PRESSURE WATER BLASTING WITH WATER THAT CONTAINS NO DETERGENTS OR BOND INHIBITING CHEMICALS. CHECK THE CONCRETE SURFACES AFTER CLEANING TO INSURE THAT THE SURFACE IS FREE FROM ADDITIONAL LOOSE AGGREGATE OR THAT ADDITIONAL DELAMINATIONS ARE NOT PRESENT.
- 5000 PSI $\frac{3}{8}$ " 710 HP CEMENT CONCRETE SHALL BE USED TO PERFORM THE REPAIRS.
- PRESOAK CONCRETE SUBSTRATE WITH A WATER HOSE FOR 24 HOURS OR AS LONG AS SITE CONSTRAINTS PERMIT. AT TIME OF REPAIR CONCRETE PLACEMENT, SUBSTRATE SHALL BE SATURATED SURFACE DRY WITH NO STANDING WATER.
- ALL SURFACES SHALL BE RUBBED TO PRODUCE A SMOOTH FINISH TO MATCH EXISTING SURFACES.
- IF AN EPOXY BONDING COMPOUND IS USED (AS DIRECTED BY THE ENGINEER), THE MATERIALS SHALL MEET AASHTO M235 TYPE V, GRADE AND CLASS SHALL BE SPECIFIED FOR EACH INDIVIDUAL APPLICATION. THE EPOXY COMPOUND SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. IN NO CASE WILL THE EPOXY BONDING COMPOUND BE ALLOWED TO CURE TO A HARDENED STATE PRIOR TO CONCRETE PLACEMENT. IF THIS DOES OCCUR IT MUST BE COMPLETELY REMOVED.

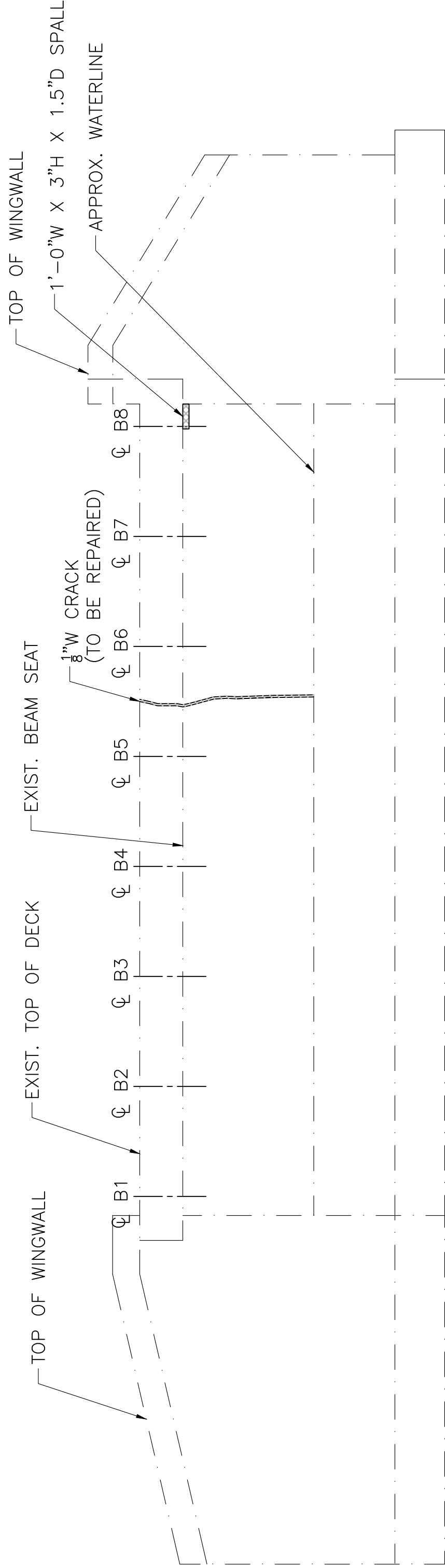
ELASTOMERIC PROTECTIVE COATING NOTES:

- THE ELASTOMERIC PROTECTIVE COATING SHALL BE APPLIED TO ABUTMENTS AND OTHER SUBSTRUCTURE ELEMENTS AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL REPAIR ANY SPALLED AND DAMAGED CONCRETE SURFACE UNDER APPROPRIATE ITEMS PRIOR TO APPLYING THE COATING. ANY CONCRETE SURFACE WITH PROFILE AMPLITUDE OF 1/8" OR MORE, OR AS DIRECTED BY THE ENGINEER, SHALL BE GROUND (RUBBED) SMOOTH. ALL LOOSE MATERIAL SHALL BE REMOVED. IF DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL FILL ANY HOLES AND HONEYCOMB THAT ARE LESS THAN 1/2" IN DIAMETER WITH APPROVED GROUT (REGARLESS OF DEPTH) TO CREATE A SMOOTH SURFACE PRIOR TO APPLYING THE COATING. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 964.3.
- ALL NEW CONCRETE SHALL BE CURED FOR A MINIMUM OF 28 DAYS BEFORE COATING.
- FOLLOWING THE CURING PERIOD AND PRIOR TO COATIN, TEST FOR MOISTURE CONTENT IN THE CONCRETE. ALL CONCRETE TO BE COATED MUST BE TESTED FOR THE PRESENCE OF MOISTURE AFTER THE SURFACE PREPARATION HAS BEEN COMPLETED AND PRIO TO APPLICATION OF COATING. TESTING SHALL BE IN ACCORDANCE WITH ASTM D 4263.



WEST ABUTMENT

SCALE: $\frac{1}{4}$ " = 1'-0"



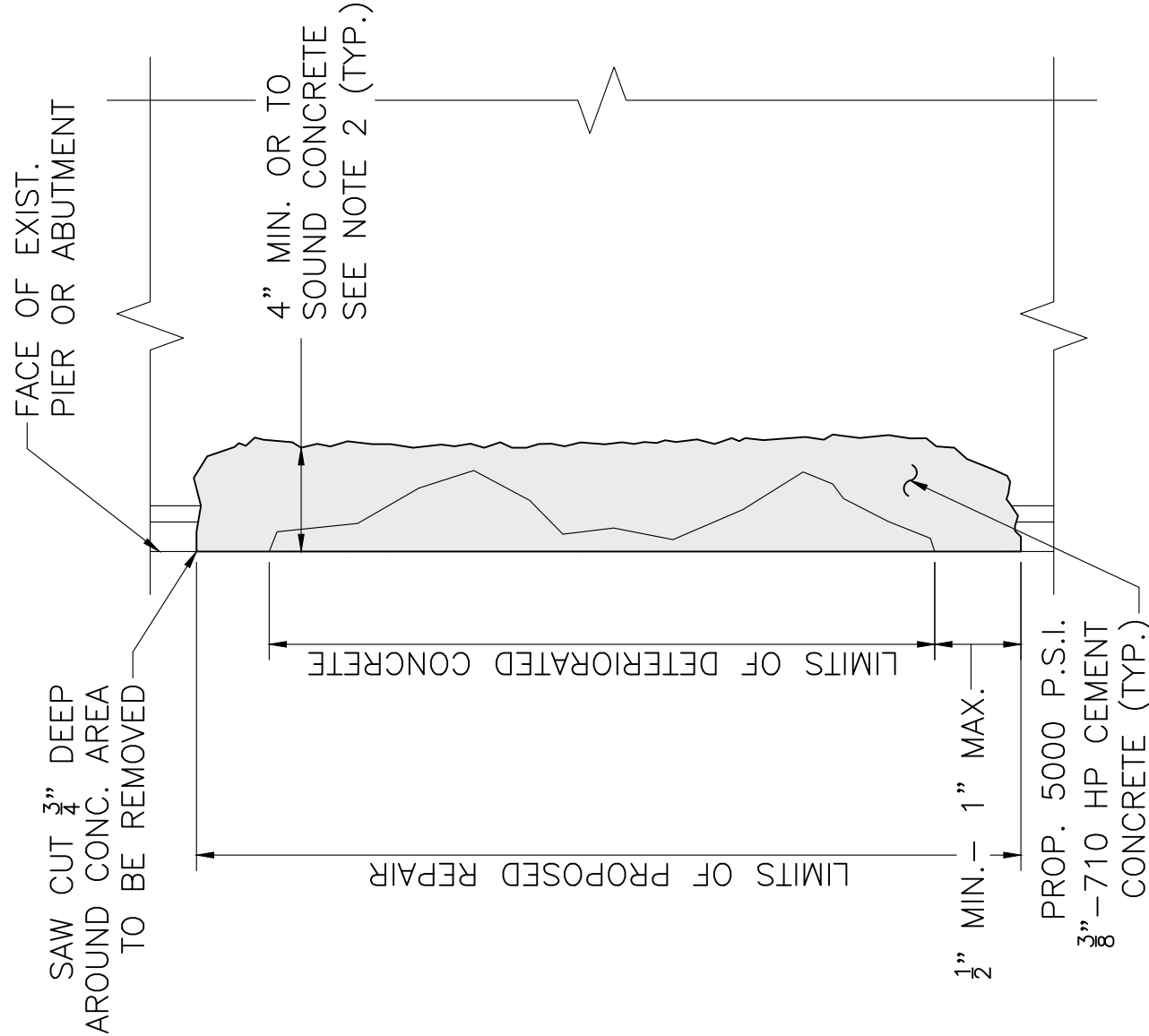
EAST ABUTMENT

SCALE: $\frac{1}{4}$ " = 1'-0"

- LEGEND:**
- SPALLED CONCRETE AREAS TO BE REPAIRED
 - CRACKED AND/OR DELAMINATED CONCRETE AREAS TO BE REPAIRED

NOTES:

- DETAILS SHOW THE APPROXIMATE AREAS OF DETERIORATION. THE DETERIORATED AREAS INDICATED ARE BASED ON AVAILABLE INFORMATION AND ARE NOT INTENDED TO BE ALL INCLUSIVE, BUT RATHER A SIGNIFICANT REPRESENTATION OF THE REPAIRS TO BE PERFORMED. THE CONTRACTOR SHALL SOUND ALL CONCRETE SURFACES IN THE FIELD AND MARK OUT SPALLED, DETERIORATED AND DELAMINATED CONCRETE AREAS TO BE APPROVED BY THE ENGINEER BEFORE THE CONTRACTOR COMMENCES ANY REPAIRS.
- ANY EARTH EXCAVATION REQUIRED FOR REPAIRS SHALL BE CONSIDERED INCIDENTAL TO THE REPAIR ITEMS.
- FOR CONCRETE REPAIR DETAILS SEE THIS SHEET.



NOTE:
IF THERE IS LESS THAN 1 $\frac{1}{2}$ " CONCRETE COVER, THEN THE CONTRACTOR SHALL BUILD OUT THE FORM TO ENSURE A MINIMUM OF 1 $\frac{1}{2}$ " COVER.

PARTIAL DEPTH REPAIR

SCALE: $\frac{1}{2}$ " = 1'-0"

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

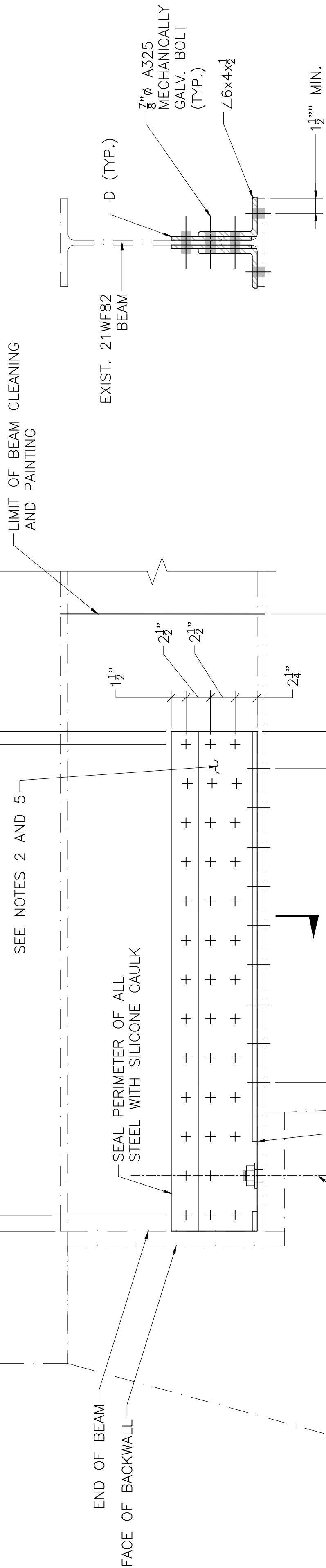
**NORTHFIELD
WARWICK ROAD**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	26	41
PROJECT FILE NO. 616301			

STEEL REPAIR DETAILS

STEEL REPAIR NOTES:

1. EXISTING STEEL SHORING TO BE REMOVED PRIOR TO ANY REPAIR WORK BEING PERFORMED.
2. CLEAN THE CONTACT SURFACES OF EXISTING STEEL IN ACCORDANCE WITH SPECIAL PROVISIONS. THE CONTACT SURFACES SHALL BE FREE OF PAINT, OIL, AND GREASE, AND SHALL PROVIDE THE NECESSARY SLIP RESISTANCE FOR CLASS A SLIP CRITICAL CONNECTIONS.
3. ENGINEER TO INSPECT CLEANED REPAIR AREA AND VERIFY REPAIR LIMITS BASED ON CONDITIONS EXPOSED BY CLEANING.
4. THE BEAM SHALL BE INSPECTED FOR DAMAGE DUE TO CONTRACTOR OPERATIONS. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
5. IN LOCATIONS WHERE HEAVY DETEIORATION HAS OCCURRED OR AS DIRECTED BY THE ENGINEER, EPOXY REPAIR FAIRING COMPOUND SHALL BE APPLIED OVER THE PRIME COAT AS FOLLOWS:

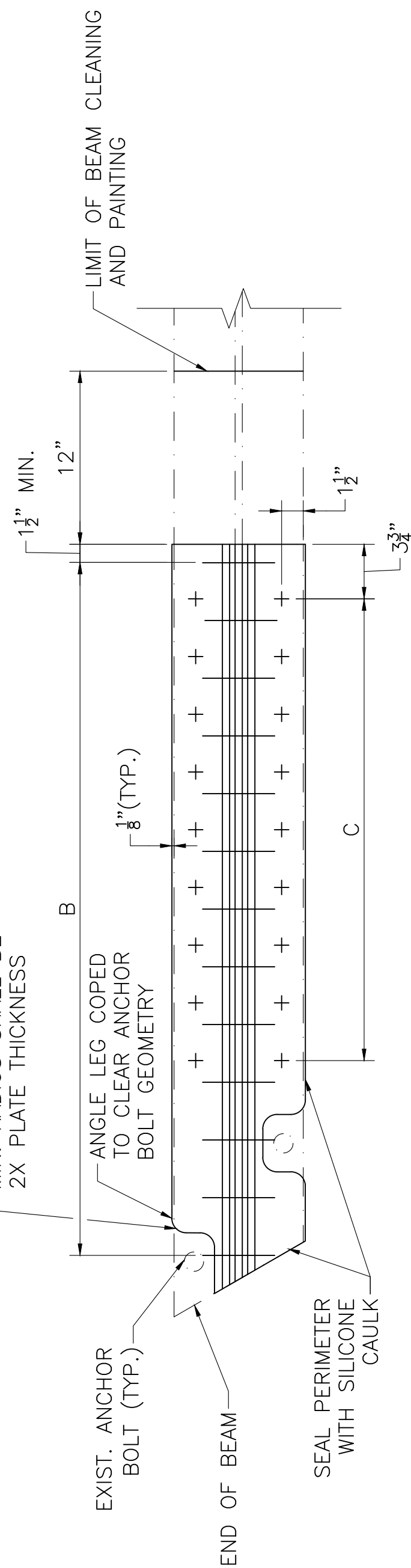


SECTION

SCALE: 1" = 1'-0"

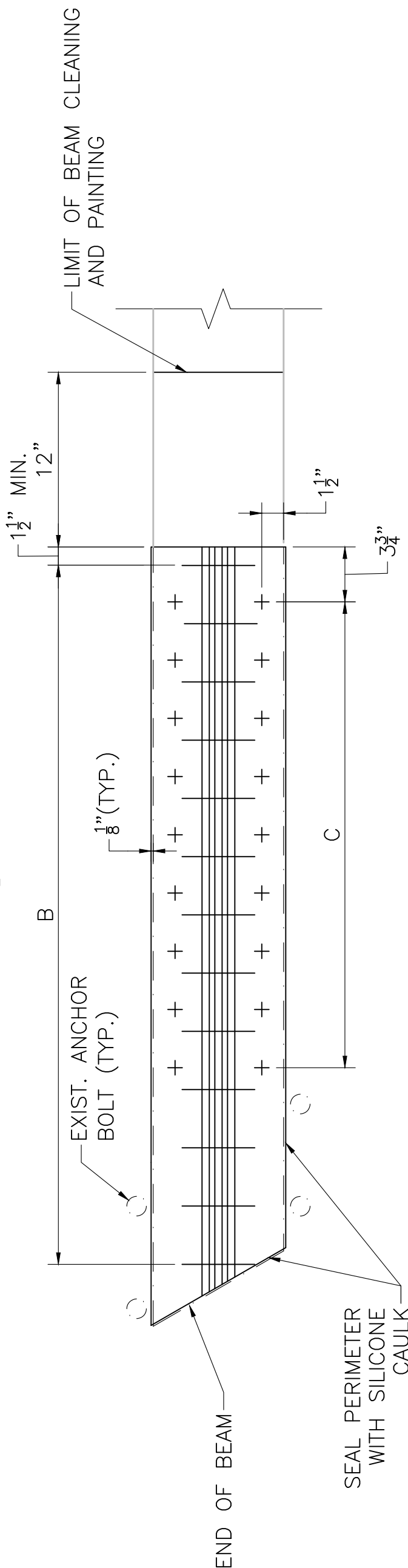


SCALE: 1" = 1'-0"



BEAM END REPAIR AT EAST ARLINGTON

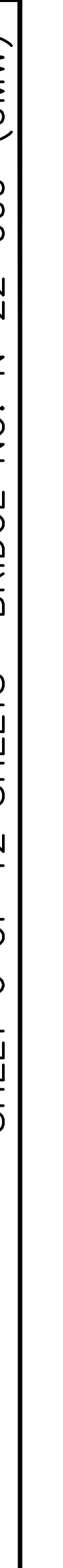
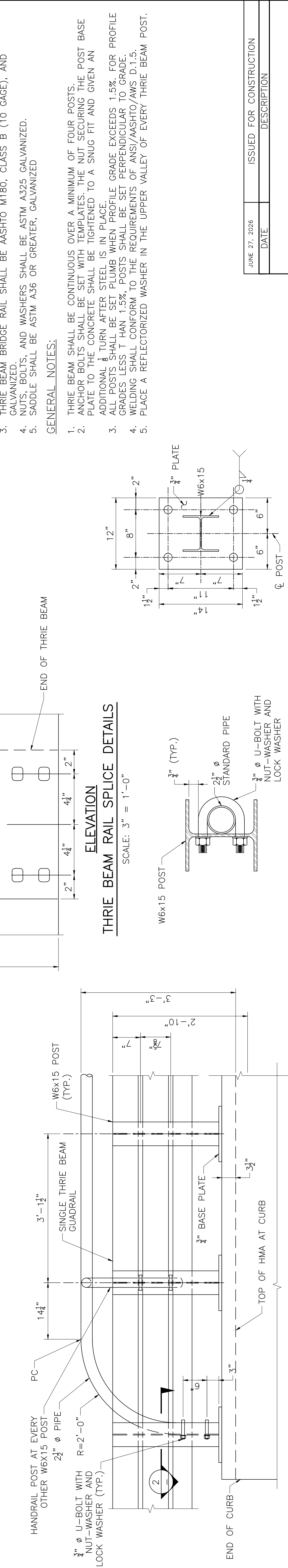
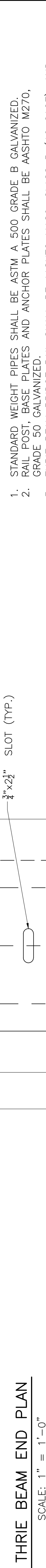
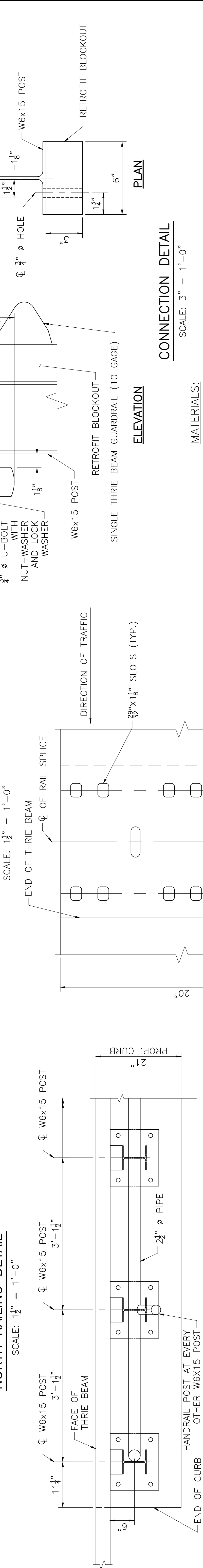
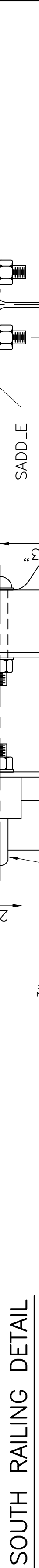
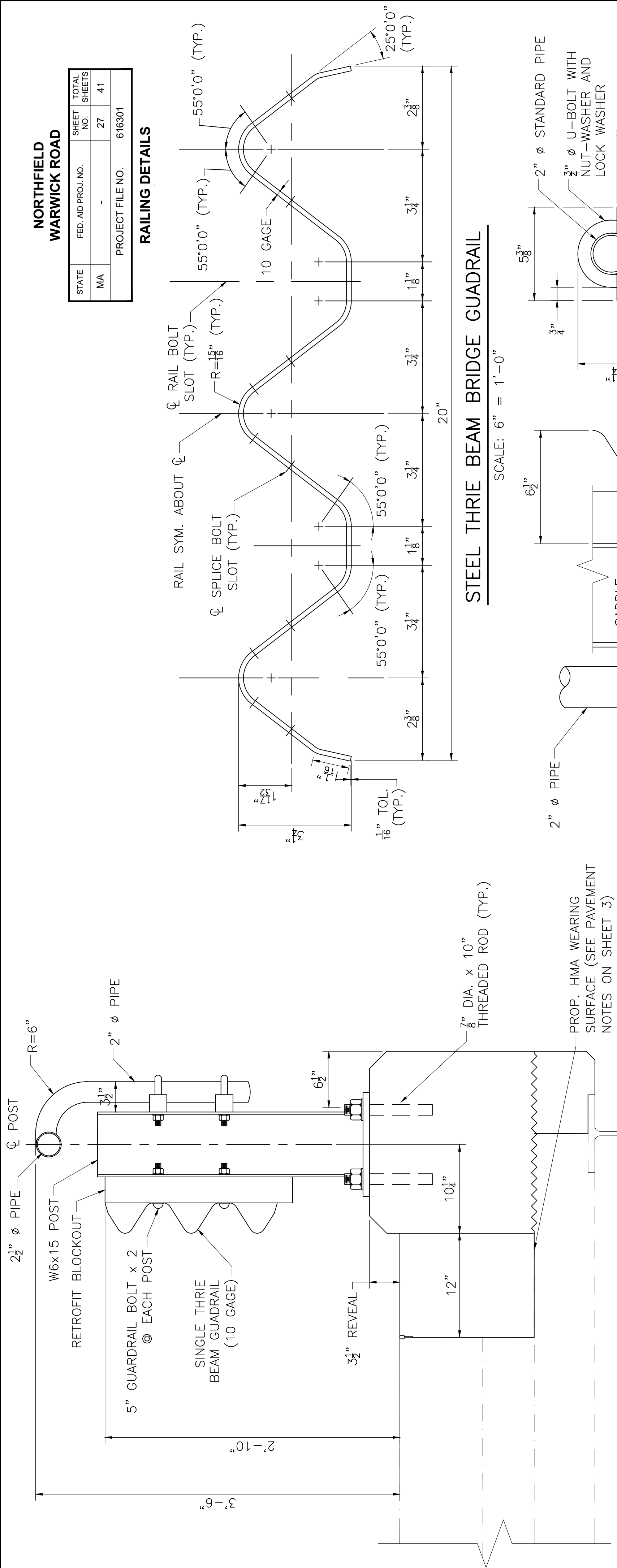
SCALE: $1\frac{1}{2}" = 1'-0"$



BEAM END REPAIR AT WEST ABUTMENT

SCALE: $1\frac{1}{2}" = 1'-0"$

PROPOSED BEAM END REPAIR SCHEDULE						
BEAM	LOCATION	SECTION	A	B	C	D
1	WEST ABUTMENT	21WF82	5'-0"	19 SP. @ 3" = 4'-9"	14 SP. @ 3" = 3'-6"	8" x 8 3/4" WEB PLATE
1	EAST ABUTMENT	21WF82	5'-0"	19 SP. @ 3" = 4'-9"	14 SP. @ 3" = 3'-6"	8" x 8 3/4" WEB PLATE
3	WEST ABUTMENT	21WF82	5'-0"	19 SP. @ 3" = 4'-9"	14 SP. @ 3" = 3'-6"	8" x 8 3/4" WEB PLATE
8	WEST ABUTMENT	21WF82	5'-0"	19 SP. @ 3" = 4'-9"	14 SP. @ 3" = 3'-6"	8" x 8 3/4" WEB PLATE
8	EAST ABUTMENT	21WF82	5'-0"	19 SP. @ 3" = 4'-9"	14 SP. @ 3" = 3'-6"	8" x 8 3/4" WEB PLATE



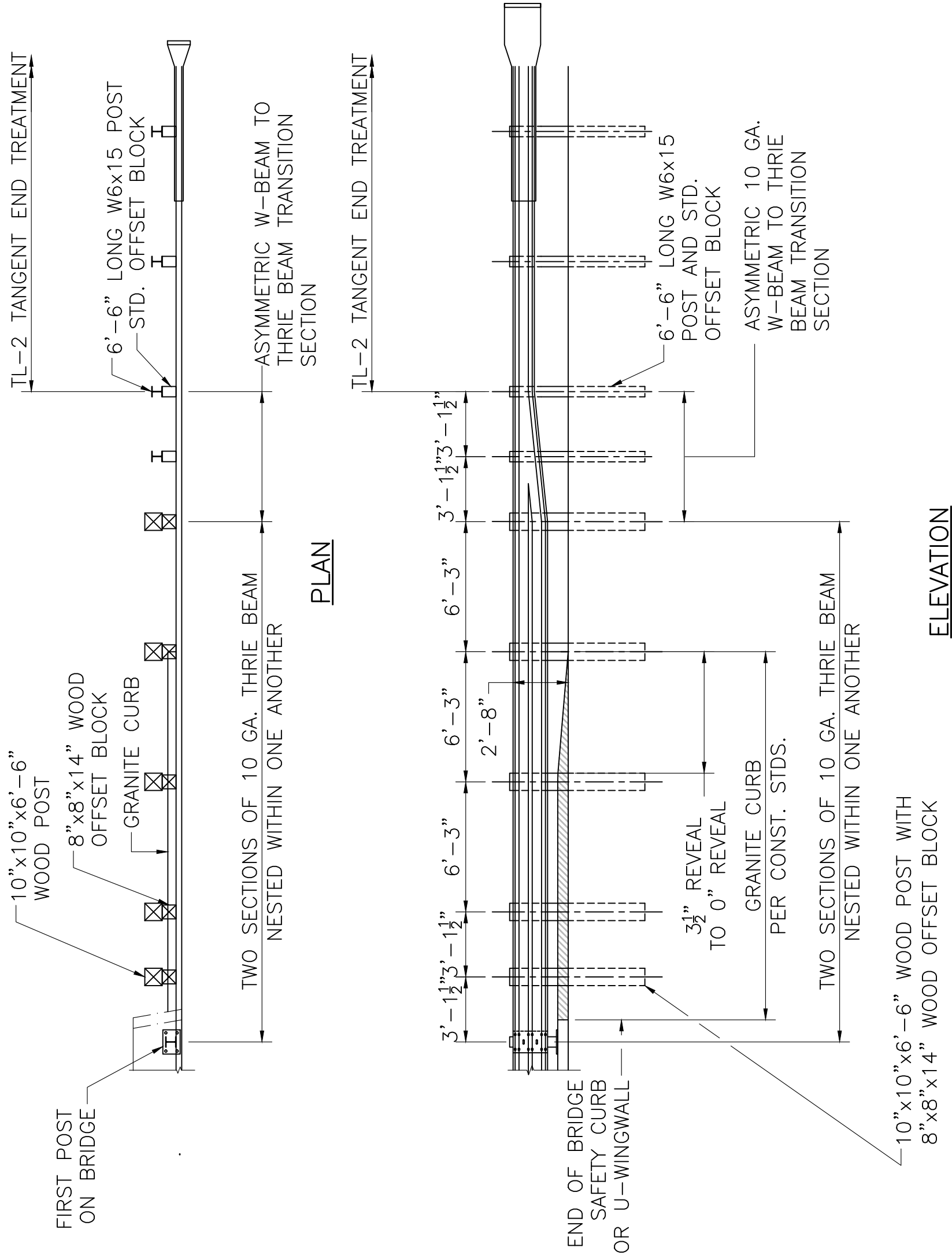
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	27	41
PROJECT FILE NO. 616301			

RAILING DETAILS

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

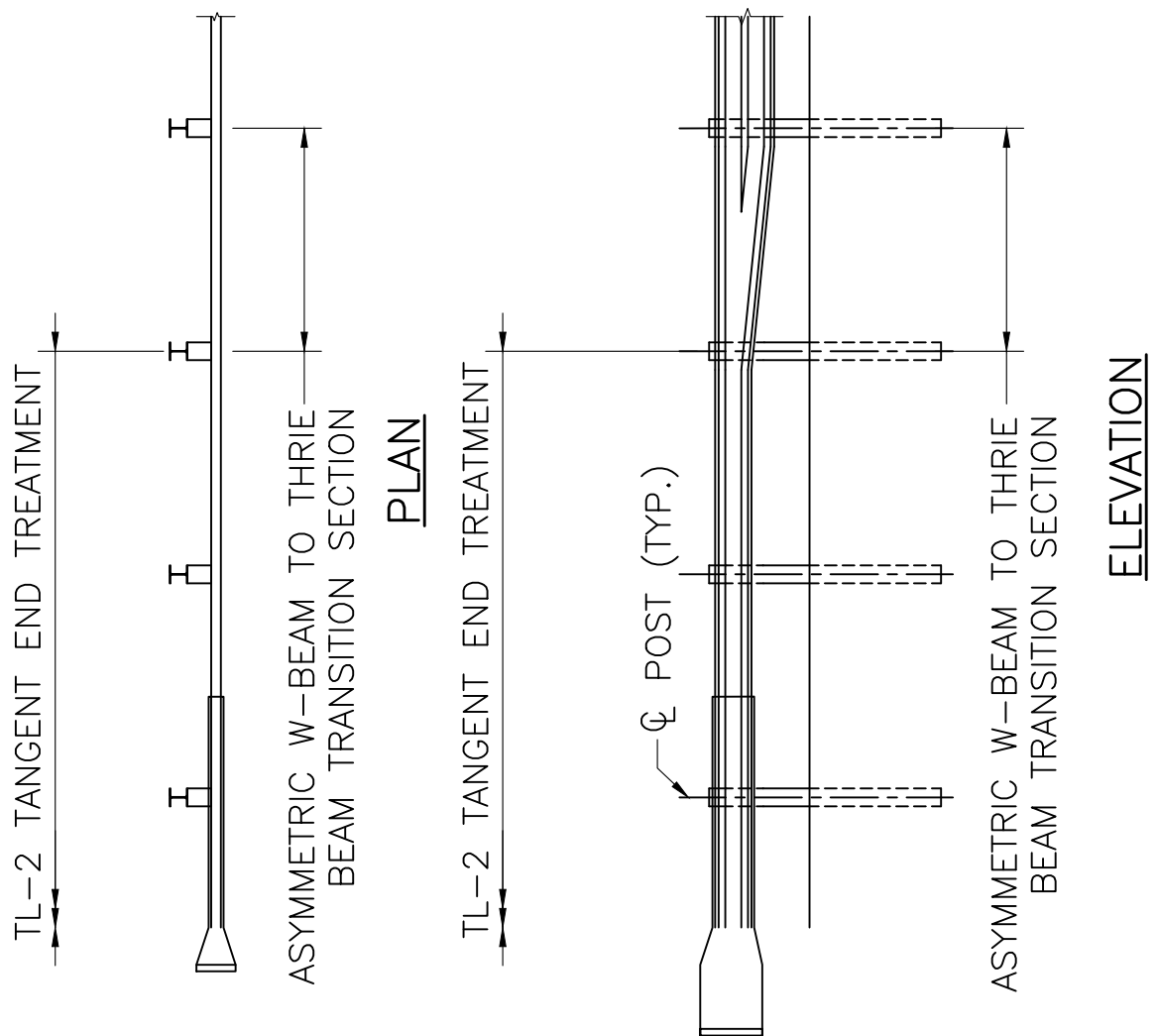
NORTHFIELD WARWICK ROAD			
STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	28	41
PROJECT FILE NO. 616301			

MISCELLANEOUS DETAILS



GUARDRAIL TRANSITION ENTRANCE

SCALE: 3/8" = 1'-0"



EXIT END TRANSITION

SCALE: 3/8" = 1'-0"

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

SHEET 7 OF 12 SHEETS BRIDGE NO. N-22-009 (OMW)

NORTHFIELD
WARWICK ROAD

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	30	41
PROJECT FILE NO. 616301			

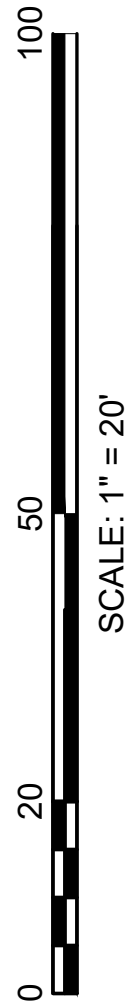
TEMPORARY TRAFFIC CONTROL PLAN 1



TRAFFIC DEVICE LEGEND

	SIGN
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER - LIMITED DEFLECTION
	IMPACT ATTENUATOR

BRIDGE NO. N-22-009 (OMW)
TEMPORARY TRAFFIC SIGNAL



JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

NORTHFIELD
WARWICK ROAD

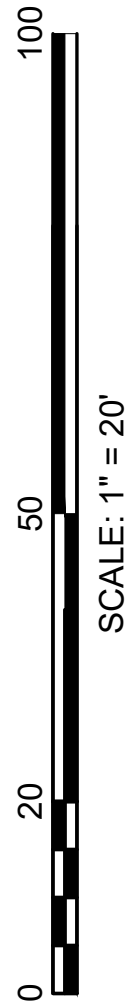
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	31	41
PROJECT FILE NO. 616301			

TEMPORARY TRAFFIC CONTROL PLAN 2



BRIDGE NO. N-22-009 (OMW)
TEMPORARY TRAFFIC SIGNAL

TRAFFIC DEVICE LEGEND	
	SIGN
	TEMPORARY CONCRETE BARRIER
	TEMPORARY CONCRETE BARRIER - LIMITED DEFLECTION
	IMPACT ATTENUATOR



JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

NORTHFIELD
WARWICK ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	32	41
PROJECT FILE NO. 616301			

TEMPORARY SIGNAL TIMINGS

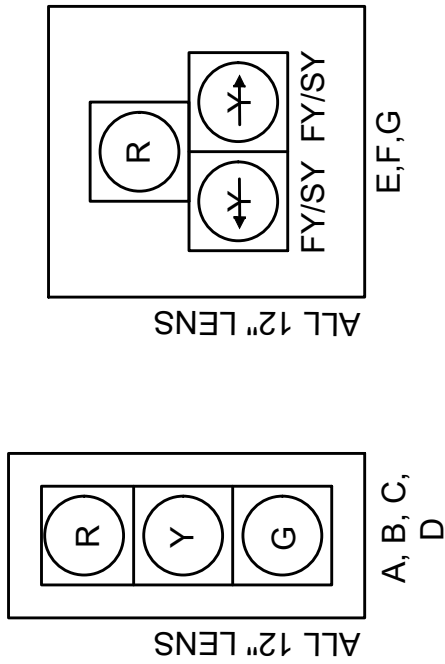
VIDEO DETECTION DATA								
VIDEO CAMERA	DETECTOR NO.	PHASE CALLED	PHASE EXT.	OPERATIONS	DELAY TIME	EXT. TIME	WIDTH (FEET)	LENGTH (FEET)
V1		Ø2	Ø2	PRESENCE	—	—	6	40
V2		Ø6	Ø6	PRESENCE	—	—	6	40

FIRE PRE-EMPTION SCHEDULE				
RECEIVER AND PRIORITY	PRE-EMPT PHASE ASSIGNMENT	APPROACH AND MOVEMENT	VEHICLE PHASE ASSIGNMENT	NEXT PHASE CALLED
R1	1	EB	Ø2	Ø6
R2	2	WB	Ø6	Ø2

NOTES:

- EMERGENCY VEHICLE PRE-EMPTION SIGNALS SHALL BE TRANSMITTED BY OPTICAL AND INFRARED EMITTERS MOUNTED IN EMERGENCY VEHICLES AND RECEIVED BY RECEIVERS LOCATED AT THE INTERSECTION.
- PRE-EMPTION SIGNALS SHALL BE SERVICED ON A PRIORITY BASIS WITH RECEIVERS ASSIGNED DESCENDING PRIORITIES AS FOLLOWS: (R1, R2, THEN R3)
- IN RESPONSE TO A PRE-EMPTION SIGNAL RECEIVED BY AN OPTICAL RECEIVER THE CONTROLLER SHALL HOLD OR ADVANCED TO AND HOLD IN EMERGENCY PRE-EMPTION THE ASSOCIATED GREEN PHASE FOR A MINIMUM OF TEN (10) SECONDS OR UNTIL PRE-EMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN PROVIDE PRE-EMPTION PHASE CLEARANCE SERVICE THEN RESUME NORMAL OPERATION
- MINIMUM GREEN AND NORMAL VEHICLE CLEARANCE SHALL BE PROVIDED ON PHASES THAT ARE TO BE TERMINATED BY PRE-EMPTION DEMAND.
- ONCE PRE-EMPTION TERMINATED THE SIGNAL WILL RETURN TO PHASE SHOWN

SIGNAL IDENTIFICATION



NOTES:

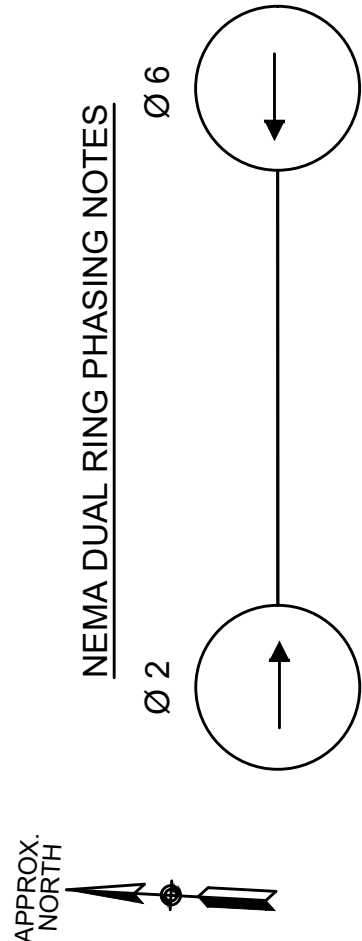
- ALL VEHICLE SIGNAL HEADS SHALL BE LED TYPE
- ALL VEHICLE SIGNAL HEADS SHALL BE 12 INCHES
- ALL HOUSINGS TO BE PROVIDED WITH TUNNEL VISORS AND 5-INCH NON-LOUVERED BACKPLATES WITH 3-INCH YELLOW TAPE RETROREFLECTIVE BORDER
- SIGNAL HEADS SITUATED AT RESIDENTIAL DRIVEWAYS SHALL PROVIDE FULL TUNNEL VISORS AND BE ANGLED DOWNWARD TO MINIMIZE SIGNAL LIGHT GLARE TOWARDS RESIDENCES

SEQUENCE & TIMING FOR FULL ACTUATED CONTROL		APPROX. NORTH	
WARWICK ROAD			
APPROACH	DIRECTION	HOUSINGS	INTERVALS
WARWICK ROAD	EB	A, B	1 2 3
WARWICK ROAD	WB	C, D	Y R R
#168 DRIVEWAY TEMP. SIGNAL	SB	E	FLY R FRY SRY
#171 DRIVEWAY TEMP. SIGNAL	NB	F	FRY R FLY SLY
#182 DRIVEWAY TEMP. SIGNAL	SB	G	FLY R FRY SRY
TIMING IN SECONDS			
MINIMUM GREEN (INITIAL)		10	10
MAX GREEN 1		30	30
VEHICLE EXTENSION		3	3
YELLOW CLEARANCE		2.5	2.5
RED CLEARANCE			24.5
RECALL		MIN	MIN
DETECTION (MEMORY)		NON-LOCK	NON-LOCK

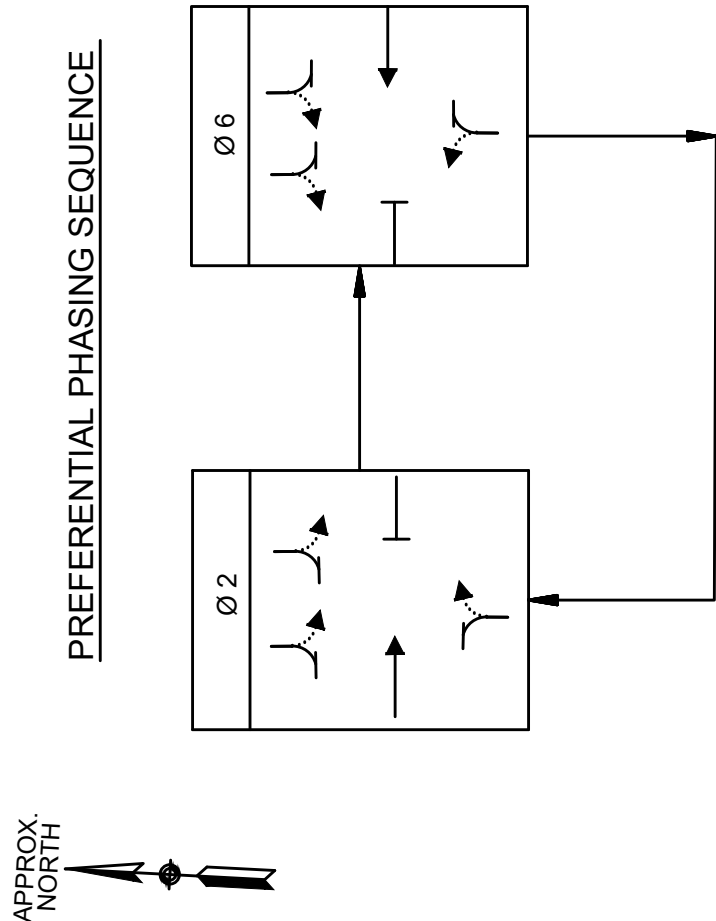
NOTES:

- MAXIMUM GREEN 1 SHALL BE IN EFFECT AT ALL TIMES UNLESS OTHERWISE SPECIFIED ABOVE.
- NORMAL CLEARANCES SHALL BE PROVIDED ON PHASES THAT ARE TERMINATED BY PRE-EMPTION DEMAND.

MAJOR ITEMS REQUIRED		
PAY ITEM	QUANTITY	ITEM
816.82	2	TEMPORARY SIGNAL TRAILER W/ MAST ARM WITH SIGNAL HEADS
	3	DRIVEWAY ASSISTANCE DEVICE TRAILER WITH SIGNAL HEAD
	1	PREEMPTION PHASE SELECTOR MODULE-FOUR CHANNEL
	1	PREEMPTION CARD RACK
	2	EMERGENCY PRE-EMPTION CONFIRMATION STROBE LIGHT
	2	EMERGENCY PRE-EMPTION RECEIVER (DETECTOR) - ONE WAY
PLUS ALL NECESSARY DUCT, CABLE, LABOR, MISCELLANEOUS MATERIAL AND EQUIPMENT TO COMPLETE THE INSTALLATION OF A FULLY OPERATIONAL SIGNAL SYSTEM AS INTENDED ON THESE PLANS		



NEMA DUAL RING PHASING NOTES



PREFERENTIAL PHASING SEQUENCE

NOTES:

- THE SIGNAL WILL BE ACTIVE BEFORE AND DURING WHEN THE CONSTRUCTION ON WARWICK ROAD OCCURS, AND WILL BE REMOVED WHEN TRAFFIC IS RESTORED TO WARWICK ROAD.

NORTHFIELD
WARWICK ROAD

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	33	41
PROJECT FILE NO.		616301	

SIGN SUMMARY

IDENTIFICATION	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (IN)			COLOR			UNIT AREA (S.F.)	AREA (S.F.)
				LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKK.	BACKGROUND	LEGEND	BORDER		
MA-R2-10a	48	36	WORK ZONES SPEEDING FINES DOUBLED	SEE MASSDOT STANDARD SIGN BOOK			FLOURESCENT ORANGE & WHITE	BLACK	BLACK	12	24
MA-R2-10e	36	48	END ROAD WORK DOUBLE FINES END				FLOURESCENT ORANGE & WHITE	BLACK	BLACK	12	24
W20-1	36	36	ROAD WORK AHEAD	SEE 2023 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES			FLOURESCENT ORANGE	BLACK	BLACK	9	18
R10-6	24	36	STOP RED ON RED				FLOURESCENT WHITE	BLACK	BLACK	6	12
W3-3	36	36					FLOURESCENT ORANGE	BLACK	BLACK	9	18
W8-9	36	36	LOW SHOULDER				FLOURESCENT ORANGE	BLACK	BLACK	9	18
										TOTAL (S.F.)	96

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	
SHEET 12 OF 12 SHEETS BRIDGE NO. N-22-009 (OMW)	

**WINCHENDON
BROWN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	34	41
PROJECT FILE NO.			616301

GENERAL NOTES, LOCUS AND DRAWING LIST

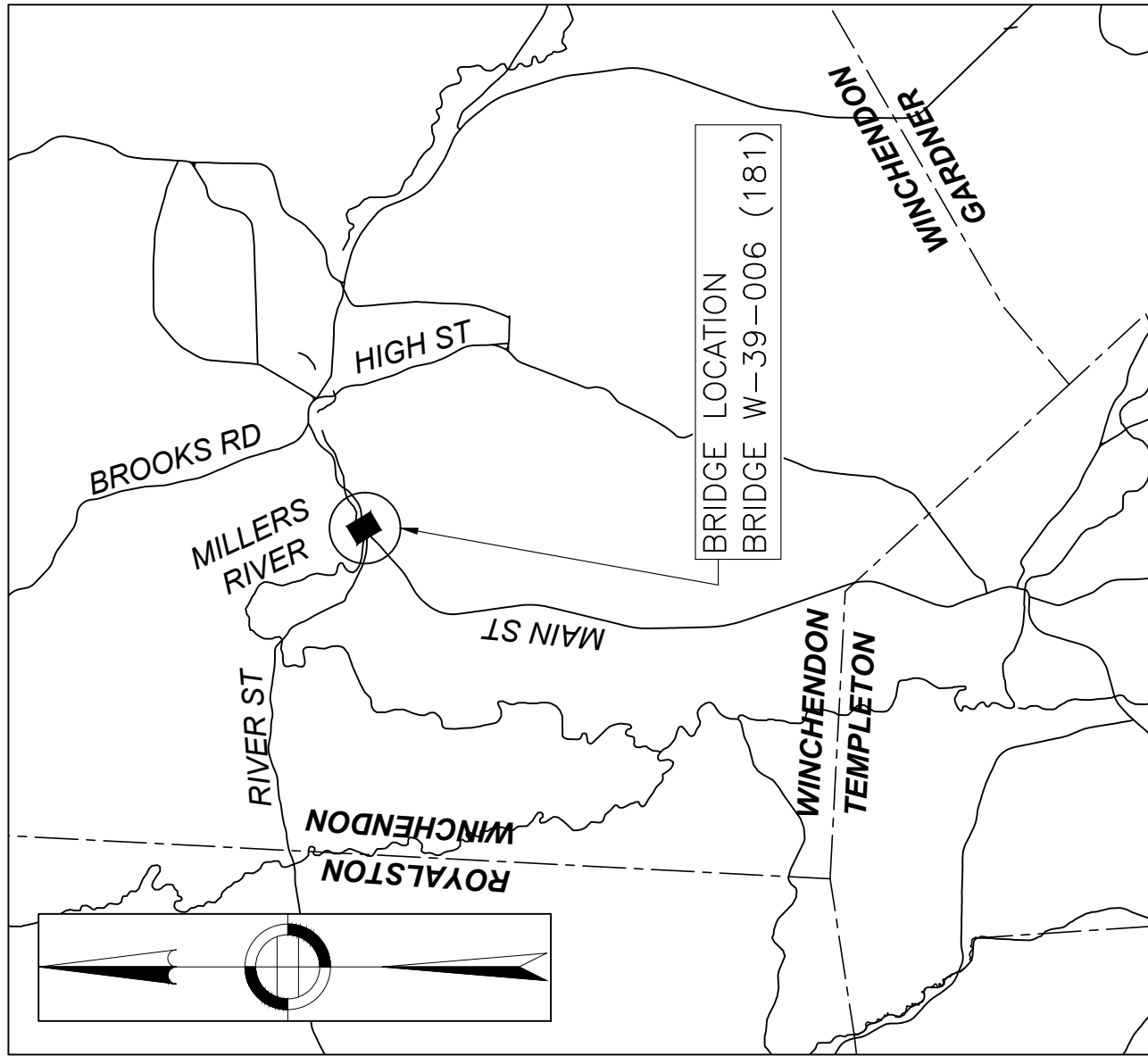
DRAWING LIST	
SHEET NUMBER	SHEET TITLE
1	GENERAL NOTES, LOCUS AND DRAWING LIST
2	FRAMING PLAN
3	STEEL REPAIR DETAILS
4	DECK JOINT REPAIRS 1 OF 2
5	DECK JOINT REPAIRS 2 OF 2
6	TTCP - TYPICAL DETAILS
7	BRIDGE CLOSURE DETOUR
8	SIGN SUMMARY

GENERAL NOTES (CONT.):

STRUCTURAL STEEL CLEANING AND PAINTING:
STEEL REPAIR AREAS INCLUDING BEAMS, WEB REPAIR PLATES, ANGLES, ASSOCIATED HARDWARE AND BEARINGS SHALL BE CLEANED AND PAINTED IN ACCORDANCE WITH THE SPECIAL PROVISIONS.

CONSTRUCTION PROCEDURE

1. PRIOR TO THE START OF ANY WORK, THE BRIDGE SHALL BE CLOSED TO VEHICULAR AND PEDESTRIAN TRAFFIC. SEE SHEET # FOR DETOUR PLAN, AND SHEET 8 FOR SIGN SUMMARY.
2. THE EXISTING CONCRETE BRIDGE SEATS, BACKWALLS, AND STRUCTURAL STEEL SHALL BE CLEANED PRIOR TO PLACEMENT OF THE BEAM END REPAIR. ALL DEBRIS AND DELETERIOUS MATERIAL SHALL BE REMOVED FROM THE BEAM SEAT. THE EXISTING STRUCTURAL STEEL SHALL BE POWER TOOL CLEANED TO REMOVE ALL LOOSE RUST AND PAINT. TIGHTLY ADHERING PAINT DOES NOT NEED TO BE REMOVED.
3. THE CONTRACTOR'S MEANS AND METHODS OF CONTAINING AND DISPOSING DEBRIS AND OBTAINING ACCESS TO THE BEAM ENDS TO BE ENCASED SHALL BE CONSIDERED INCIDENTAL TO THE WORK WITHOUT SEPARATE COMPENSATION. THE CONTRACTOR SHALL INSTALL A SHIELDING AND CONTAINMENT SYSTEM PRIOR TO PERFORMING THE CLEANING OF THE STEEL SURFACES TO BE ENCASED IN ORDER TO COLLECT ALL LOOSE PAINT, DEBRIS, AND PARTICLES.



GENERAL NOTES:

EXISTING CONDITIONS:
THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND EXISTING DETAILS NECESSARY FOR THE COMPLETION OF WORK BY FIELD MEASUREMENT AND SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THEREOF AND SHALL NOT ORDER ANY MATERIALS OR COMMENCE ANY FABRICATION UNTIL THE REQUIRED MEASUREMENTS HAVE BEEN MADE ON THE ACTUAL STRUCTURE AND THE EXTENT OF PROPOSED WORK HAS BEEN APPROVED BY THE ENGINEER.

EXISTING BRIDGE PLANS:
PLANS FOR THE EXISTING BRIDGE ARE AVAILABLE AND MAY BE OBTAINED THROUGH THE MASSDOT PLANS AND RECORDS DEPARTMENT VIA BIDX OR THROUGH ELECTRONIC TRANSMISSION.

SCALES: DRAWINGS ARE DRAWN TO SCALE FOR FULL SIZE SHEETS AND ARE NOT APPLICABLE TO REDUCED SIZE PRINTS. DIVIDE SCALES BY 2 FOR HALF-SIZED PRINTS (A3). CONTRACTOR SHALL FIELD MEASURE ALL COMPONENTS PROPOSED TO BE REPLACED PRIOR TO THE COMMENCEMENT OF WORK.

ELEVATIONS: ELEVATIONS SHOWN ARE FOR REFERENCE ONLY, AND ARE TAKEN FROM EXISTING 1951 PLANS. ASSUMED DATUM HAS BEEN USED.

STRUCTURAL STEEL:

THE CONTRACTOR SHALL FIELD MEASURE EXISTING CONDITIONS (I.E. CONNECTION PLATES, CROSS FRAMES, ETC.) PRIOR TO ORDERING SHOP DRAWINGS TO ENSURE PROPER FIT UP OF THE REPAIR PLATES AND ANGLES. PROPOSED STRUCTURAL STEEL SHALL CONFORM TO AASHTO M270 GRADE 36 OR GRADE 50. PERIMETER OF ALL REPAIR PLATES AND ANGLES SHALL BE SEALED USING SILICONE CAULK UPON COMPLETION OF REPAIRS.

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

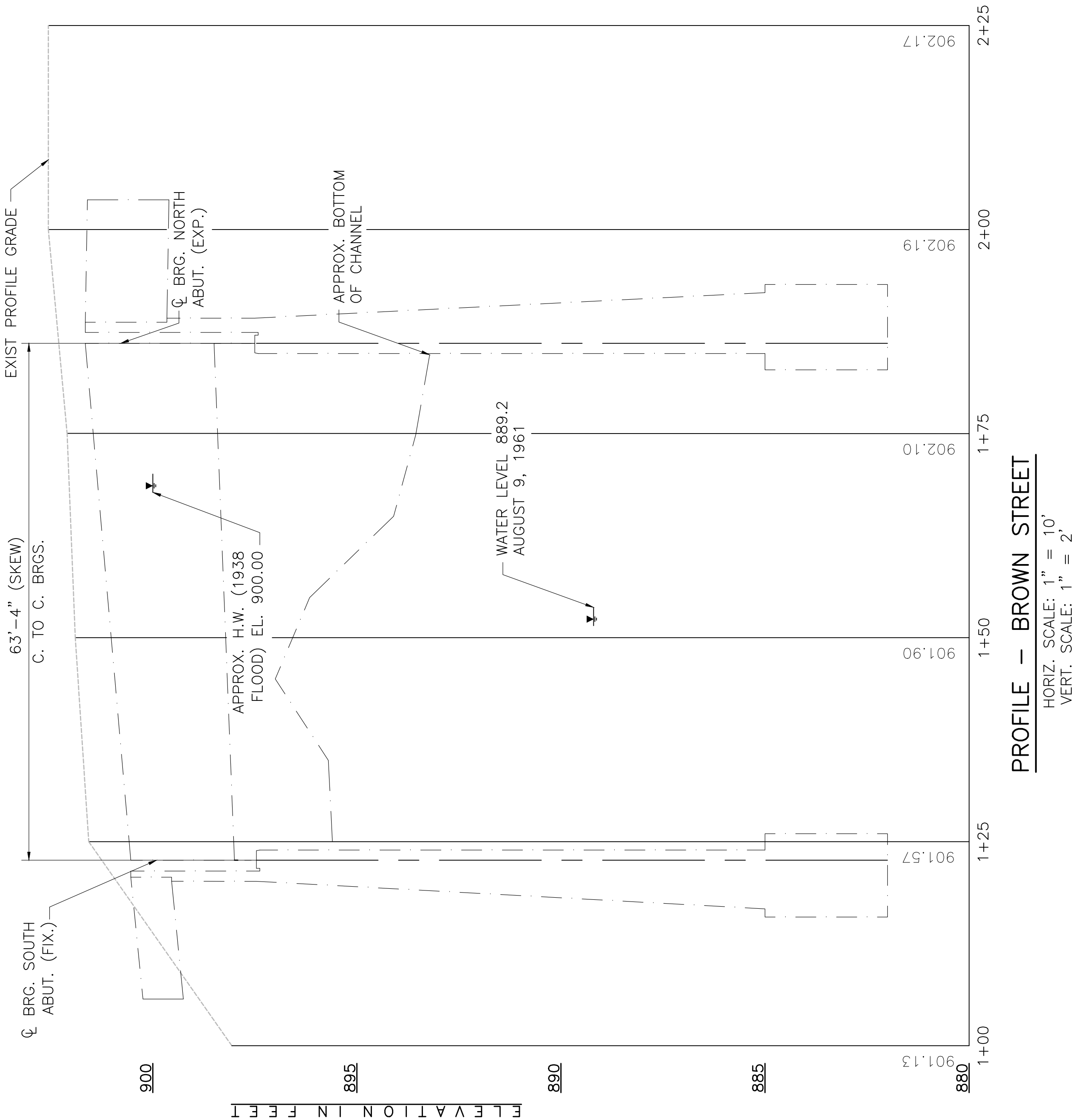
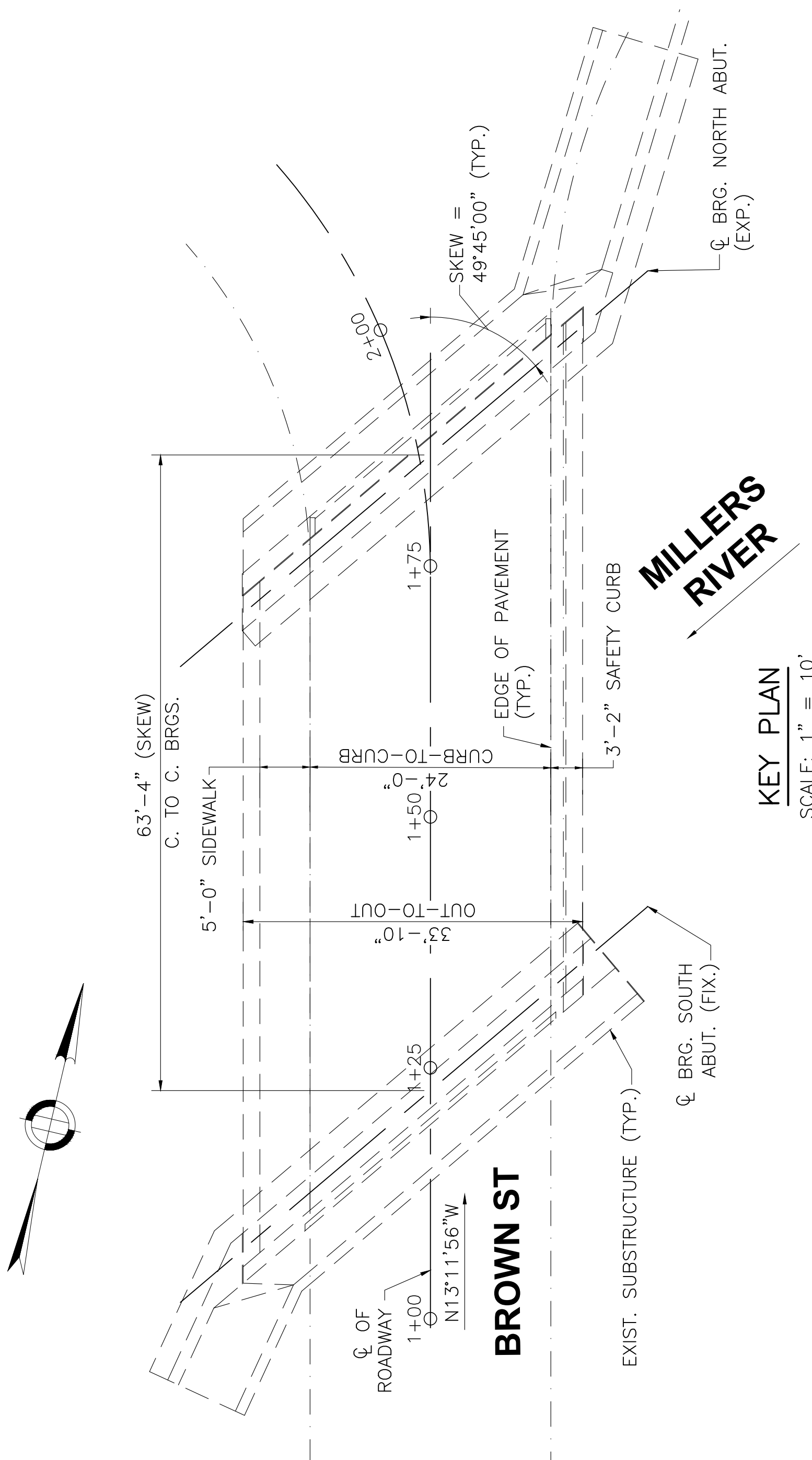
MODIFICATION CONDITION	#4 BARS	#5 BARS	#6 BARS
1. NONE	16"	17"	21"
2. 12" OF CONCRETE BELOW BAR	18"	22"	27"
3. EPOXY COATED BARS, COVER < 3D/B, OR CLEAR SPACING < 6D/B	21"	26"	31"
4. COATED BARS, ALL OTHER CASE	17"	21"	25"
5. CONDITION 2. AND 3.	23"	29"	35"
6. CONDITION 2. AND 4.	21"	27"	32"

ALL OTHER BARS SHALL BE LAPPED AS SHOWN ON THE CONSTRUCTION DRAWINGS.

UTILITIES:

SHOP DRAWINGS:
THE CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS AS REQUIRED BY THE STANDARD SPECIFICATIONS AND THE LATEST MASSDOT BRIDGE MANUAL. PROPOSED COMPONENTS REQUIRING FIELD MEASUREMENTS SHALL BE DESIGNED, DETAILED, AND SUBMITTED TO THE ENGINEER FOR APPROVAL.

TEMPORARY SHIELDING: THE CONTRACTOR SHALL PROVIDE TEMPORARY SHIELDING TO PREVENT ANY DEBRIS FROM FALLING INTO THE WATERWAY BELOW. ANY DEBRIS THAT FALLS ONTO THE WATERWAY DUE TO THE CONTRACTOR'S ACTIVITIES SHALL BE PROMPTLY REMOVED.

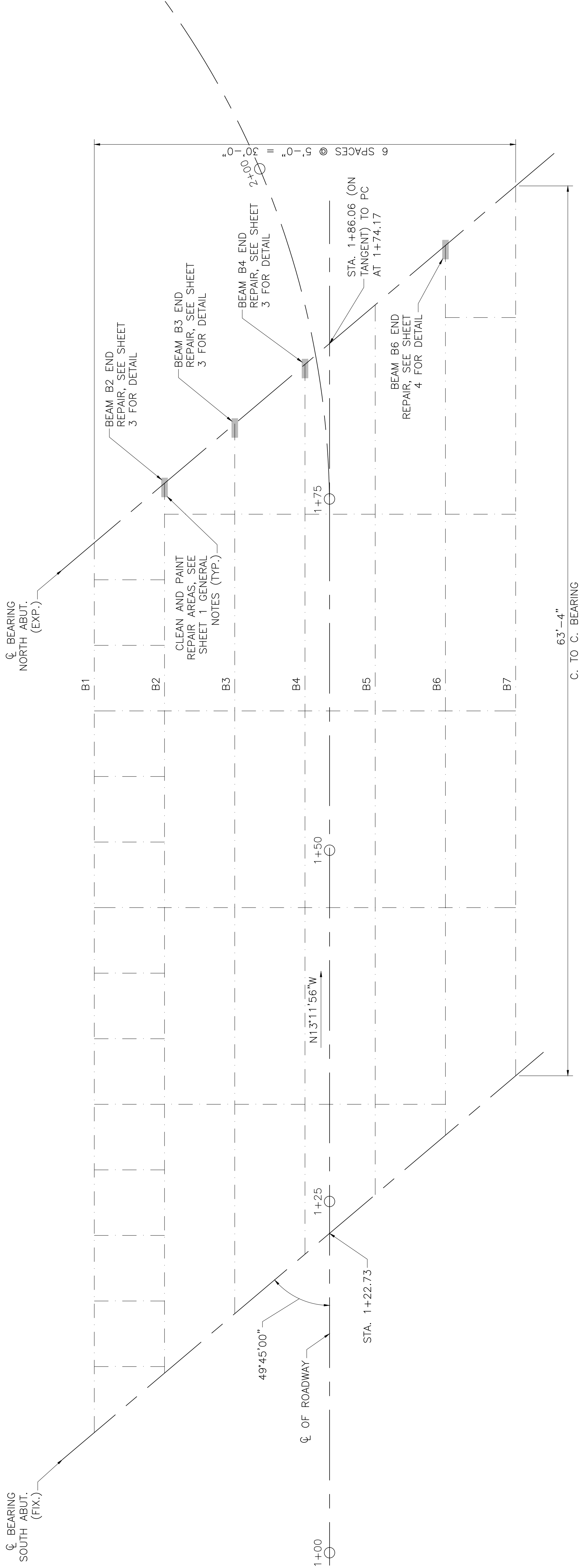
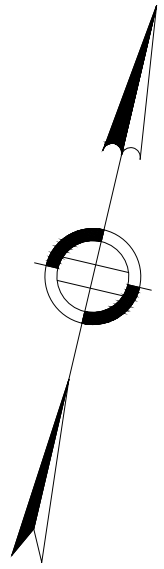


WINCHENDON

BROWN STREET

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	35	41
PROJECT FILE NO. 616301			

FRAMING PLAN



FRAMING PLAN
SCALE: $\frac{1}{4}" = 1'-0"$

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

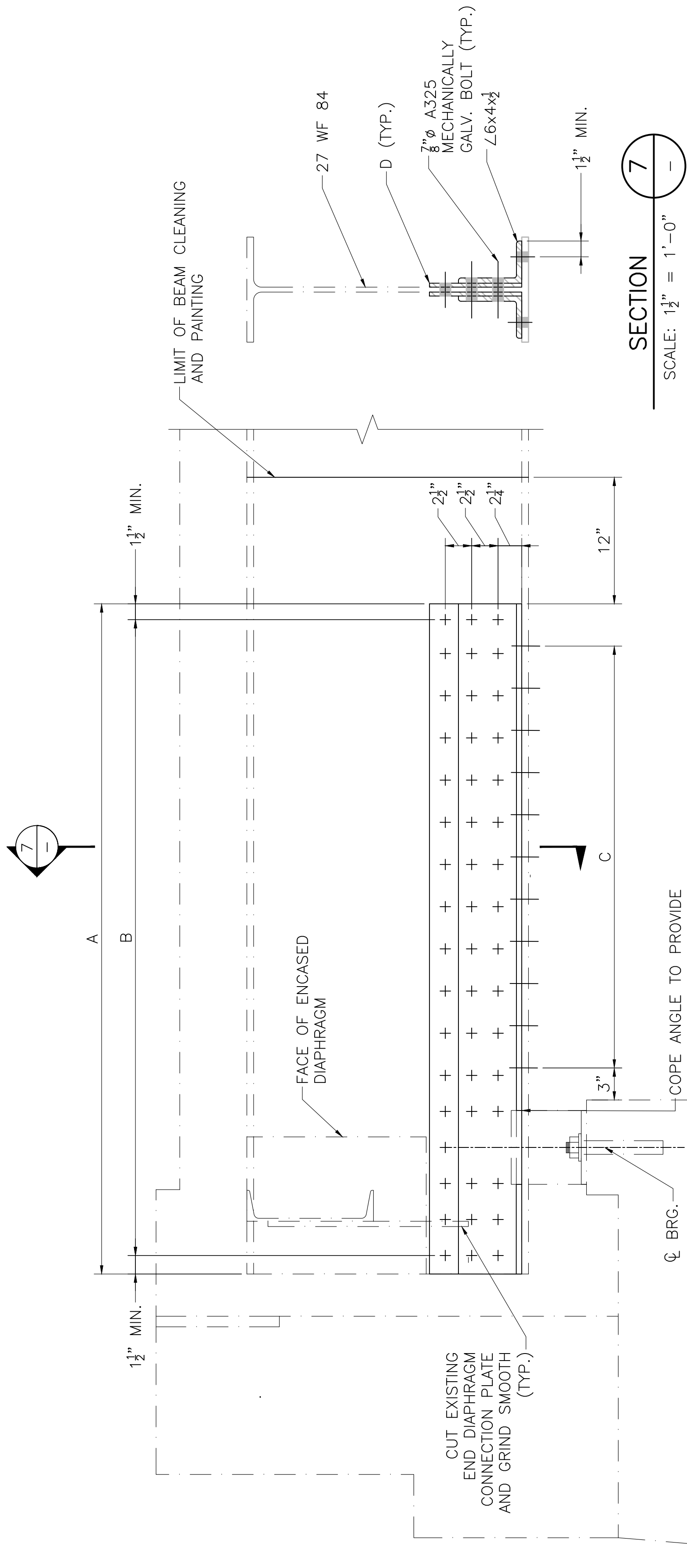
**WINCHENDON
BROWN STREET**

STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	36	41
PROJECT FILE NO. 616301			

STEEL REPAIR DETAILS

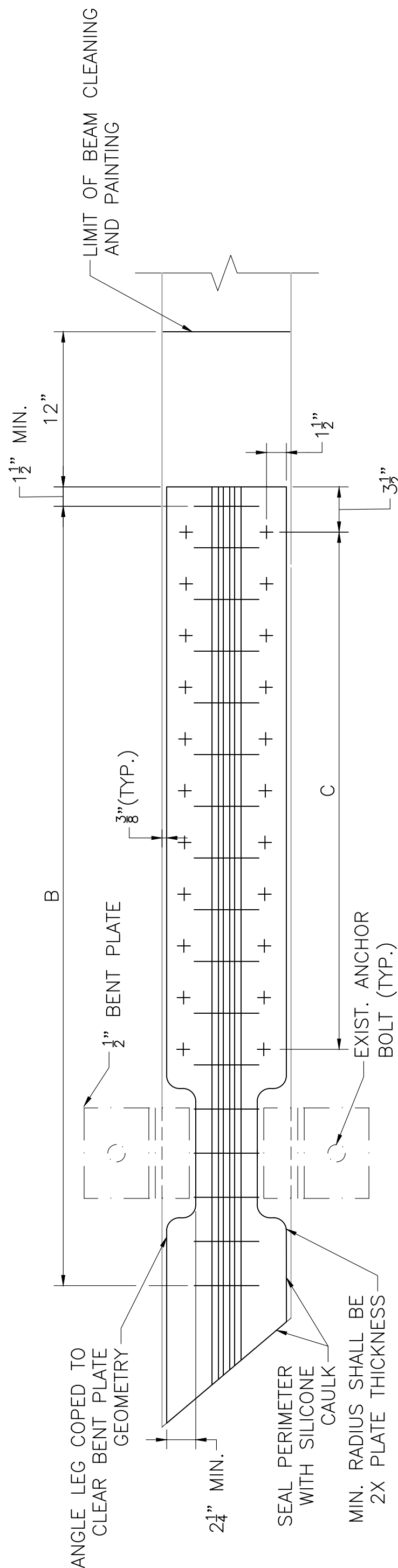
NOTES:

1. CLEAN THE CONTACT SURFACES OF EXISTING STEEL IN ACCORDANCE WITH SPECIAL PROVISIONS. THE CONTACT SURFACES SHALL BE FREE OF PAINT, OIL, AND GREASE, AND SHALL PROVIDE THE NECESSARY SLIP RESISTANCE FOR CLASS A SLIP CRITICAL CONNECTIONS.
2. ENGINEER TO INSPECT CLEANED REPAIR AREA AND VERIFY REPAIR LIMITS BASED ON CONDITIONS EXPOSED BY CLEANING.
3. THE BEAM SHALL BE INSPECTED FOR DAMAGE DUE TO CONTRACTOR OPERATIONS. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTORS' EXPENSE.
4. IN LOCATIONS WHERE HEAVY DETERIORATION HAS OCCURRED OR AS DIRECTED BY THE ENGINEER, EPOXY REPAIR FAIRING COMPOUND SHALL BE APPLIED OVER THE PRIME COAT AS FOLLOWS:
 - A. THE EPOXY REPAIR COMPOUND SHALL BE APPLIED TO THE DETERIORATED AREAS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL THE METHODS, PROCEDURES, AND MATERIALS TO BE USED FOR THE WORK.
 - B. THE REPAIR COMPOUND SHALL ONLY BE APPLIED TO THOSE AREAS OF THE EXISTING STEEL THAT EXHIBIT SEVERE SECTION LOSS TO COMPLETELY FILL THE IRREGULARITIES IN THE EXISTING STEEL SURFACES SUCH THAT NO VOIDS REMAIN BETWEEN THE PILES OF THE EXISTING STEEL AND THE PROPOSED STRENGTHENING STEEL IN THE FINAL REPAIRED CONDITION.
 - C. THE PROPOSED REPAIR STEEL SHALL BE PROPERLY POSITIONED AND BROUGHT INTO FIRM CONTACT WITHIN THE WORKING TIME LIMITS OF THE EPOXY REPAIR COMPOUND. THE REPAIR STEEL SHALL BE SECURED IN PLACE USING POSITIONING BOLTS TENSIONED TO A SNUG TIGHT CONDITION AND CLAMPS OR OTHER MECHANICAL MEANS TO BRING THE PILES OF THE EXISTING STEEL AND NEW STEEL INTO FIRM CONTACT. WELDING IS NOT ALLOWED.
 - D. ONCE THE PROPOSED STEEL HAS BEEN SECURED INTO POSITION WITH THE POSITIONING BOLTS, AND THE EPOXY COMPOUND HAS CURED, THE REMAINING H'S BOLTS SHALL BE INSTALLED FOLLOWING THE PROCEDURE OUTLINED IN THE GENERAL NOTES.
 - E. EPOXY COMPOUND FOR STRUCTURAL STEEL REPAIRS SHALL BE A SOLVENT FREE, MOISTURE TOLERANT, EPOXY PASTE ADHESIVE SYSTEM. THE EPOXY PASTE SHALL BE DEVELOPED SPECIFICALLY FOR FILLING, SMOOTHING, SEALING, OR FAIRING APPLICATIONS ON METALS. THE PASTE SHALL BE APPLIED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S LATEST WRITTEN INSTRUCTIONS. AND ACCEPTABLE PRODUCE SHALL BE ONE OF THE FOLLOWING OR AN APPROVED EQUAL: ITW PHILADELPHIA RESINS REPAIR COMPOUND MANUFACTURED BY: ITW PHILADELPHIA RESINS, SIKADUR 31, HI-MOD GEL MANUFACTURED BY: Sika CORPORATION, DEVCON PLASTIC STEEL PUTTY (A) MANUFACTURED BY: ITW DEVCON, FX-738 METAL FILLED EPOXY MANUFACTURED BY: SIMPSON STRONG-TIE.
5. STEEL ELEMENTS FOR REPAIR SHALL BE BOLTED TO EXISTING STEEL SURFACES.
6. STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GRADE 36 OR GRADE 50. IT SHALL BE CONSIDERED A MAIN MEMBER AND CONFORM TO THE CHARPY V-NOTCH REQUIREMENTS OF AASHTO M270 ZONE 12.
7. IN THE CASE THAT ANY STEEL REPAIR ANGLE INTERFERES WITH THE EXISTING ANCHOR BOLT, A LEG OF THE ANGLE CAN BE COPE TO PROVIDE CLEARANCE AROUND THE EXISTING ANCHOR BOLT.
8. CLEAN AND PAINT REPAIRED AREA PER SPECIAL PROVISIONS.
9. SEAL PERIMETER OF ALL STEEL WITH SILICONE CAULK.
10. APPLY CEMENTITIOUS MORTAR TO ANY ROUGH CONCRETE FROM PARTIAL END DIAPHRAGM REMOVAL PER SPECIAL PROVISIONS.



BEAM END REPAIR

SCALE: $1\frac{1}{2}" = 1'-0"$



BEAM END REPAIR AT
NORTH ABUTMENT

SCALE: $1\frac{1}{2}" = 1'-0"$

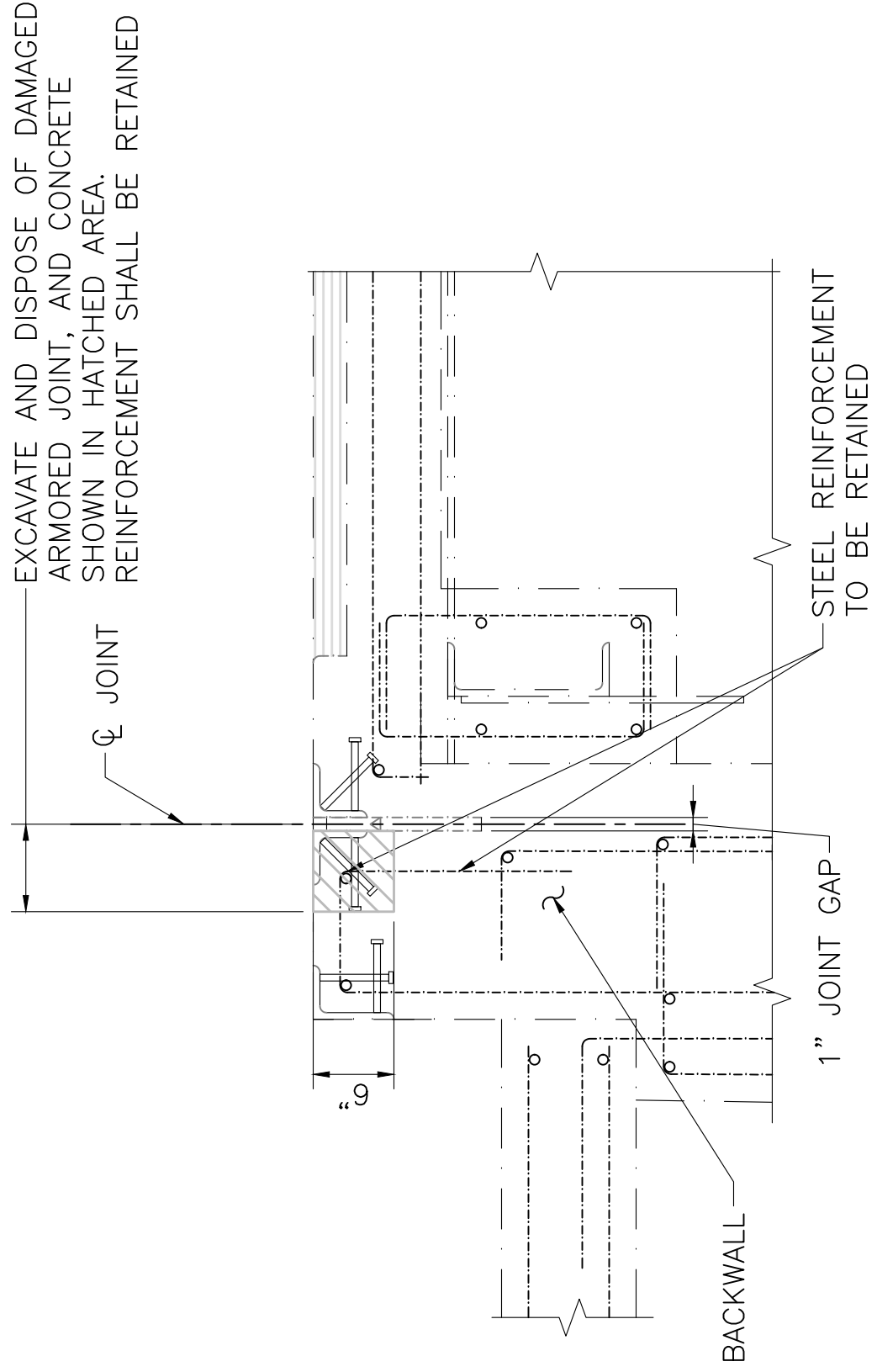
PROPOSED BEAM END REPAIR SCHEDULE						
BEAM	LOCATION	SECTION	A	B	C	D
2	NORTH ABUTMENT	27WF84	4'-0"	15 SP. @ 3" = 3'-9"	13 SP. @ 3" = 3'-3"	8" x 8 1/2" WEB PLATE
3	NORTH ABUTMENT	27WF84	4'-0"	15 SP. @ 3" = 3'-9"	13 SP. @ 3" = 3'-3"	8" x 8 1/2" WEB PLATE
4	NORTH ABUTMENT	27WF84	3'-0"	11 SP. @ 3" = 2'-9"	9 SP. @ 3" = 2'-3"	8" x 8 1/2" WEB PLATE
6	NORTH ABUTMENT	27WF84	3'-6"	13 SP. @ 3" = 3'-3"	11 SP. @ 3" = 2'-9"	8" x 8 1/2" WEB PLATE

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

WINCHENDON
BROWN STREET

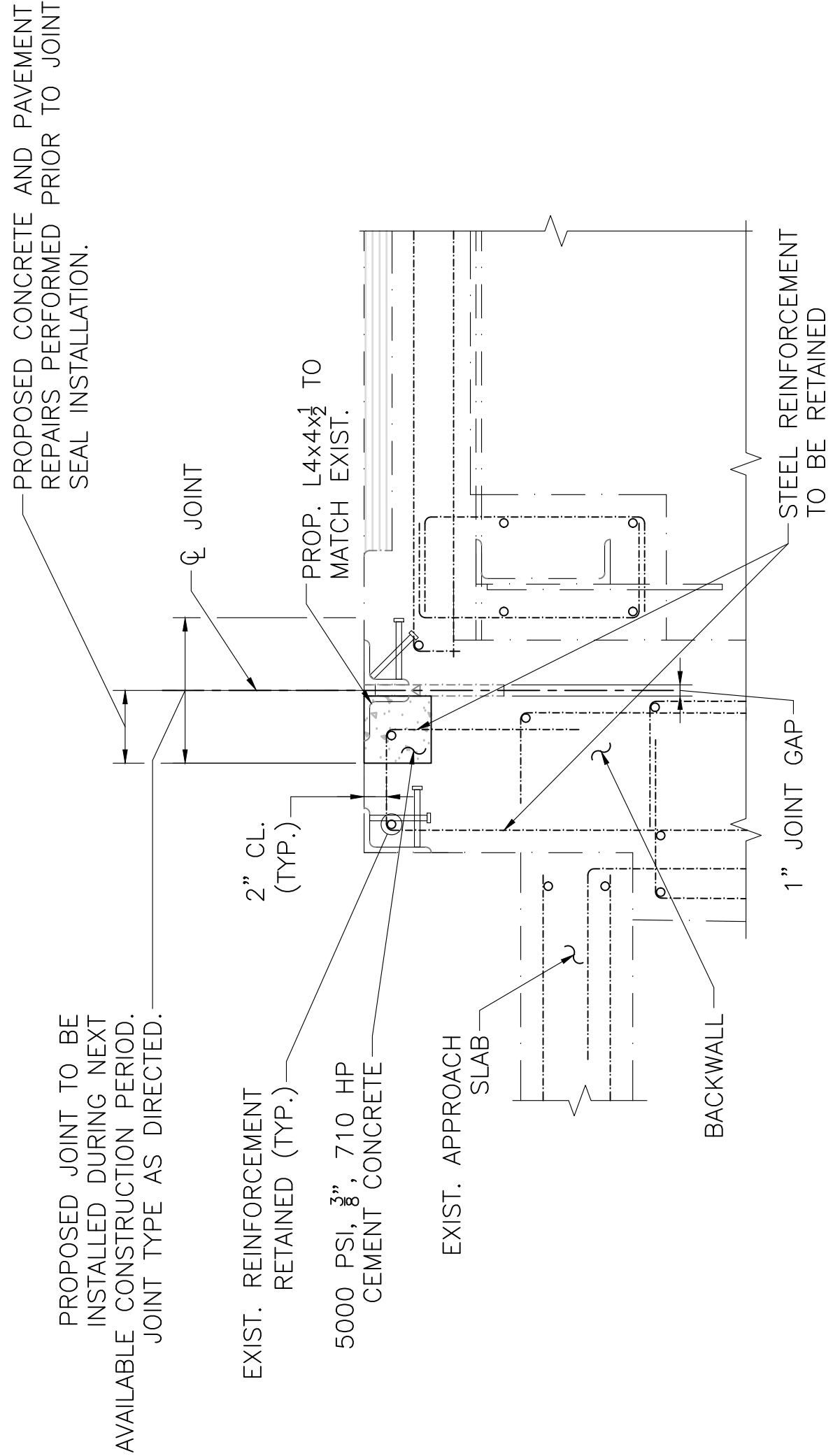
STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	37	41
PROJECT FILE NO. 616301			

DECK JOINT REPAIRS 1 OF 2



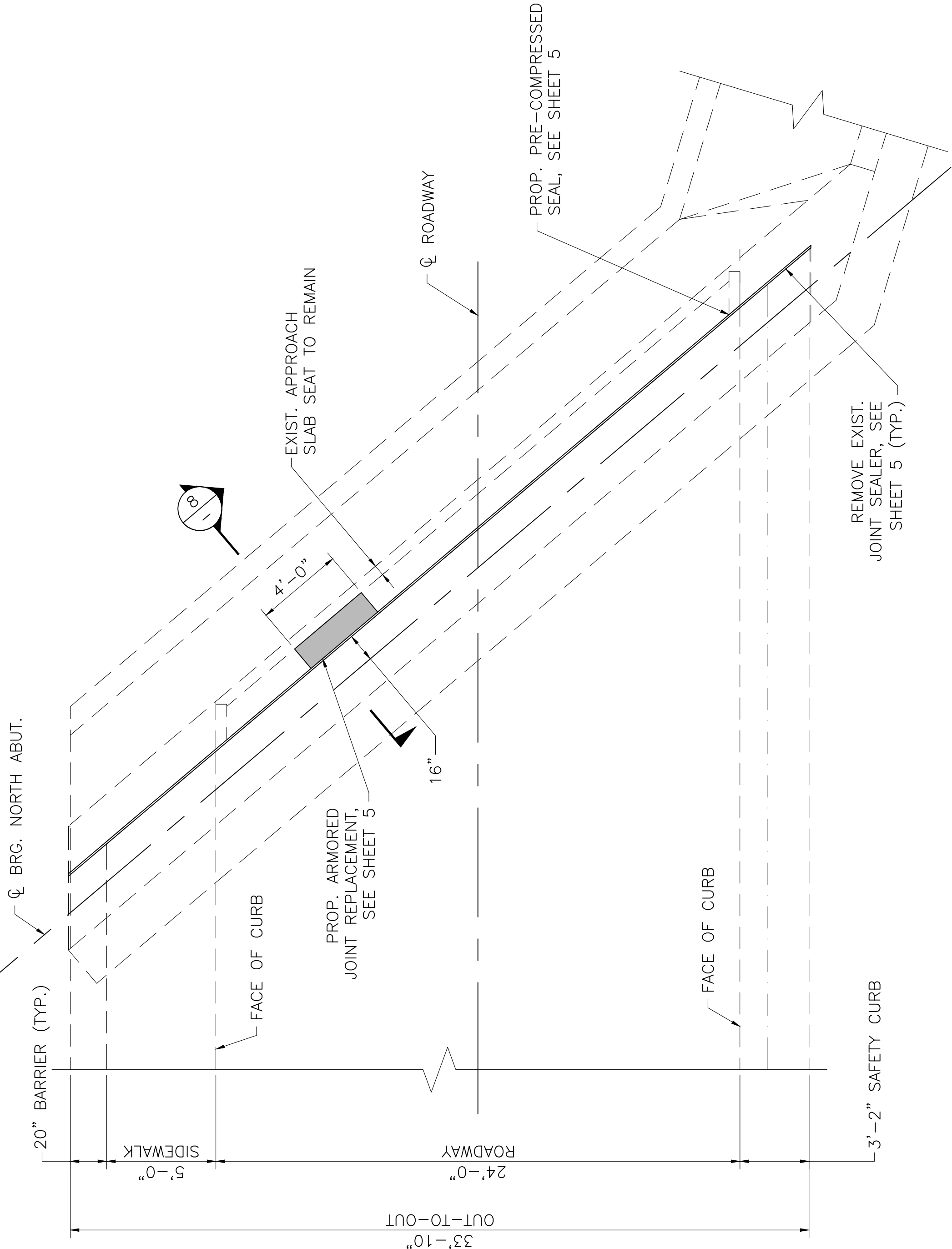
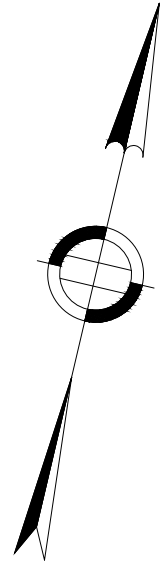
EXISTING ARMORED JOINT AT NORTH ABUTMENT

SCALE: 1" = 1'-0"



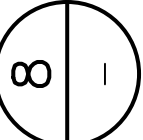
BRIDGE JOINT REPAIR PLAN

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



SECTION

SCALE: 1" = 1'-0"



JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION

USE ONLY PRINTS OF LATEST DATE

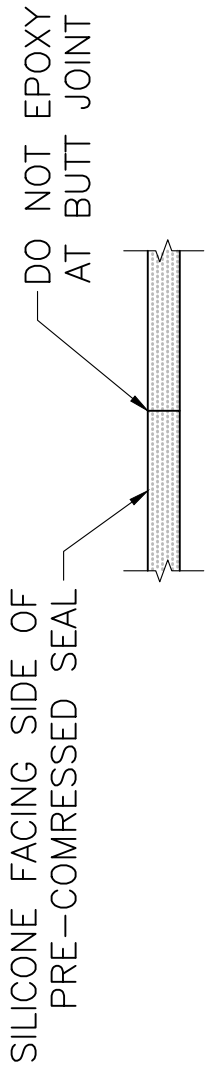
WINCHENDON
BROWN STREET

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	38	41
PROJECT FILE NO. 616301			

DECK JOINT REPAIRS 2 OF 2

PRE-COMPRESSED JOINT NOTES:

1. THE INSTALLATION AND SPLICING OF THE PRE-COMPRESSED JOINT SYSTEM SHALL FOLLOW THE MANUFACTURER'S INSTRUCTIONS.
2. THE JOINT SYSTEM INSTALLATION SHALL TAKE PLACE AFTER THE CONCRETE ABUTTING THE JOINT SEAL HAS SUFFICIENTLY CURED.
3. THE JOINT OPENING SHALL BE FREE OF ALL CONTAMINANTS SUCH AS GREASE, DUST, AND DIRT. PRIOR TO JOINT SYSTEM INSTALLATION, THE JOINT WALLS SHALL BE BLOWN CLEAN WITH OIL-FREE COMPRESSED AIR AND WIPED CLEAN WITH A CLEAN WET CLOTH TO THE BOTTOM OF THE PRE-COMPRESSED SEAL MATERIAL PLUS 1" TO REMOVE ANY DUST REMAINING. THE SUBSTRATE PREP SHALL FOLLOW THE ICRI CONCRETE SURFACE PROFILE STANDARDS TO ACHIEVE A SURFACE PROFILE OF CSP 2 MIN. OR 3 (PREFERRED) IN ORDER TO ACCEPT THE JOINT SYSTEM.
4. THE PRE-COMPRESSED JOINT SYSTEM SHALL BE CONTINUOUS THROUGH SIDEWALKS CURBS, MEDIANS, AND PARAPETS AS APPROPRIATE TO THE CONDITIONS AT HAND. CONTINUITY OF THE SEAL SHALL BE ACHIEVED THROUGH THE USE OF FACTORY FABRICATED UNIVERSAL OR CUSTOM TRANSITIONS SUPPLIED BY THE PRE-COMPRESSED JOINT MANUFACTURER. THE FIELD SPLICING OF THE PRE-COMPRESSED JOINT SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
5. ALL JOINT WIDTH AND LENGTH DIMENSIONS SHALL BE FIELD MEASURED BY THE CONTRACTOR ALONG THE LENGTH OF EACH JOINT PRIOR TO THE INSTALLATION OF THE PRE-COMPRESSED JOINT SYSTEM.

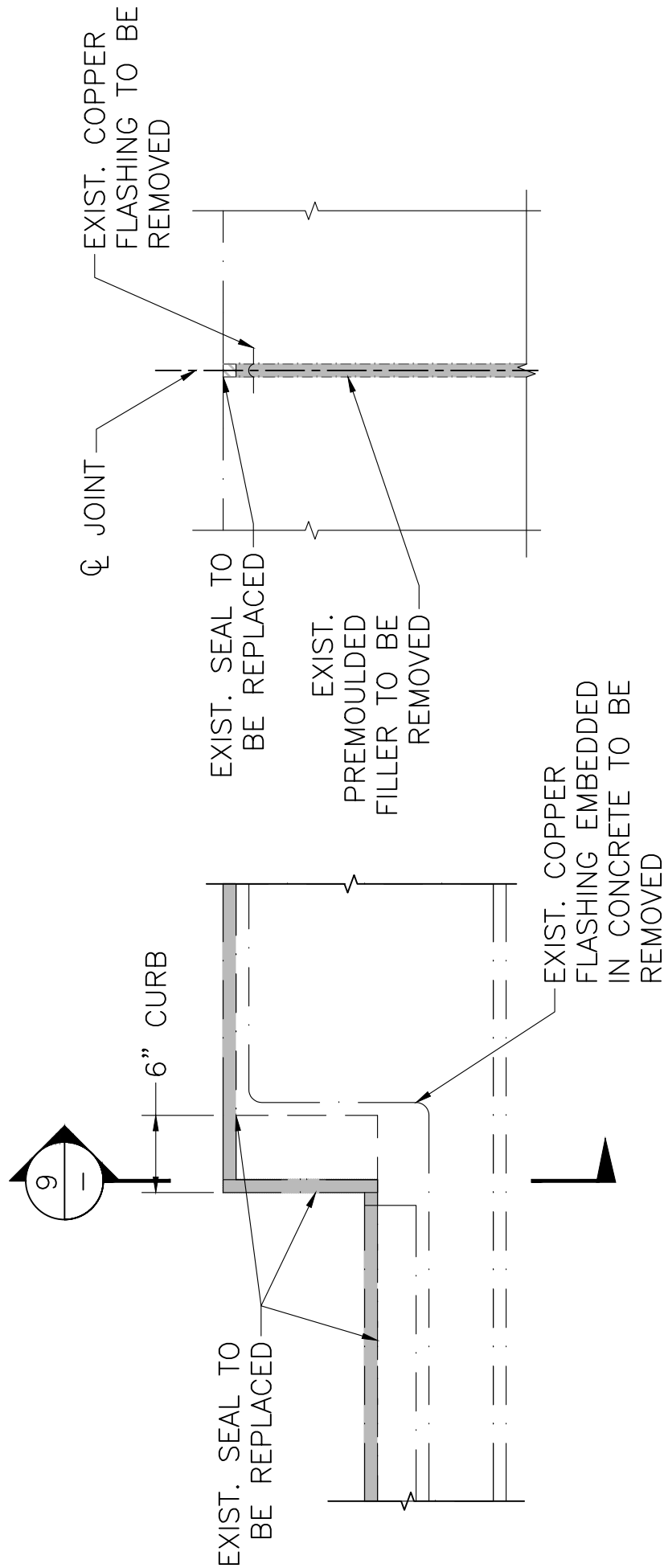


FIELD SPLICE

SCALE: 1" = 1'-0"

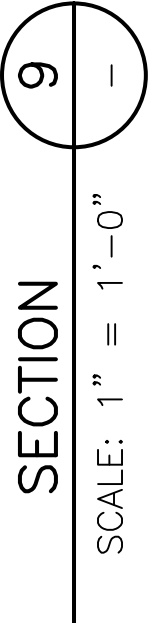
SAMPLE MANUFACTURER'S INSTRUCTIONS:

1. ONCE THE JOINT IS CLEANED AND PREPARED, APPLY EPOXY ALONG THE LENGTH OF THE INNER JOINT FACES.
2. CUT EACH PIECE OF PRE-COMPRESSED SEAL TO BE JOINED $\frac{3}{8}$ " LONGER THAN NEEDED.
3. INSTALL ONE PIECE OF PRE-COMPRESSED SEAL WITH THE JOINING END SLIGHTLY STICKING OUT OF THE JOINT. FOR PLANAR BENDS AND TEES, INSTALL ONE PIECE COMPLETELY THROUGH THE JOINT.
4. INSTALL THE OTHER PIECE OF PRE-COMPRESSED SEAL WITH THE JOINING END SLIGHTLY STICKING OUT OF THE JOINT.
5. APPLY LIQUID SILICONE ON THE FACE OF THE PRE-COMPRESSED SEAL ALONG THE SILICONE EDGE.
6. MAKE SURE THERE IS NO EPOXY AT THE BUTT OR FACE OF INTERSECTING PRE-COMPRESSED SEAL PIECES. FIRMLY PRESS THE JOINING ENDS INTO THE JOINT AND AGAINST ONE ANOTHER.

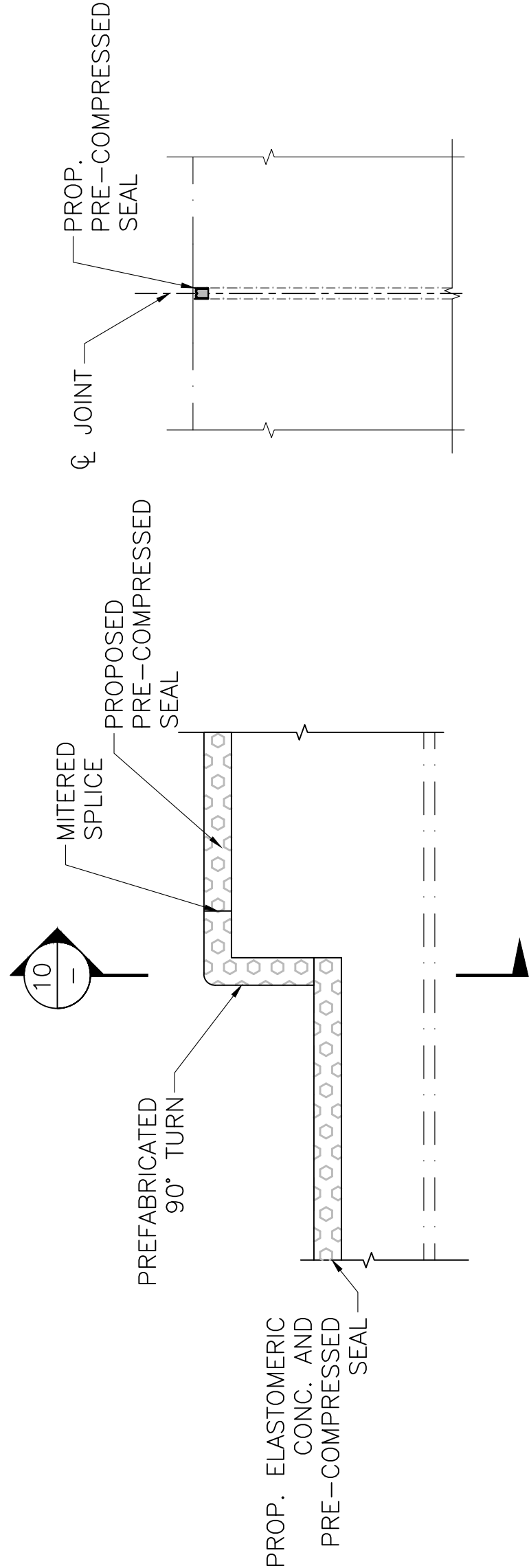


EXISTING EXPANSION JOINT AT SIDEWALK

SCALE: 1" = 1'-0"

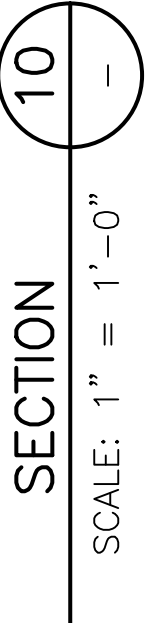


SCALE: 1" = 1'-0"

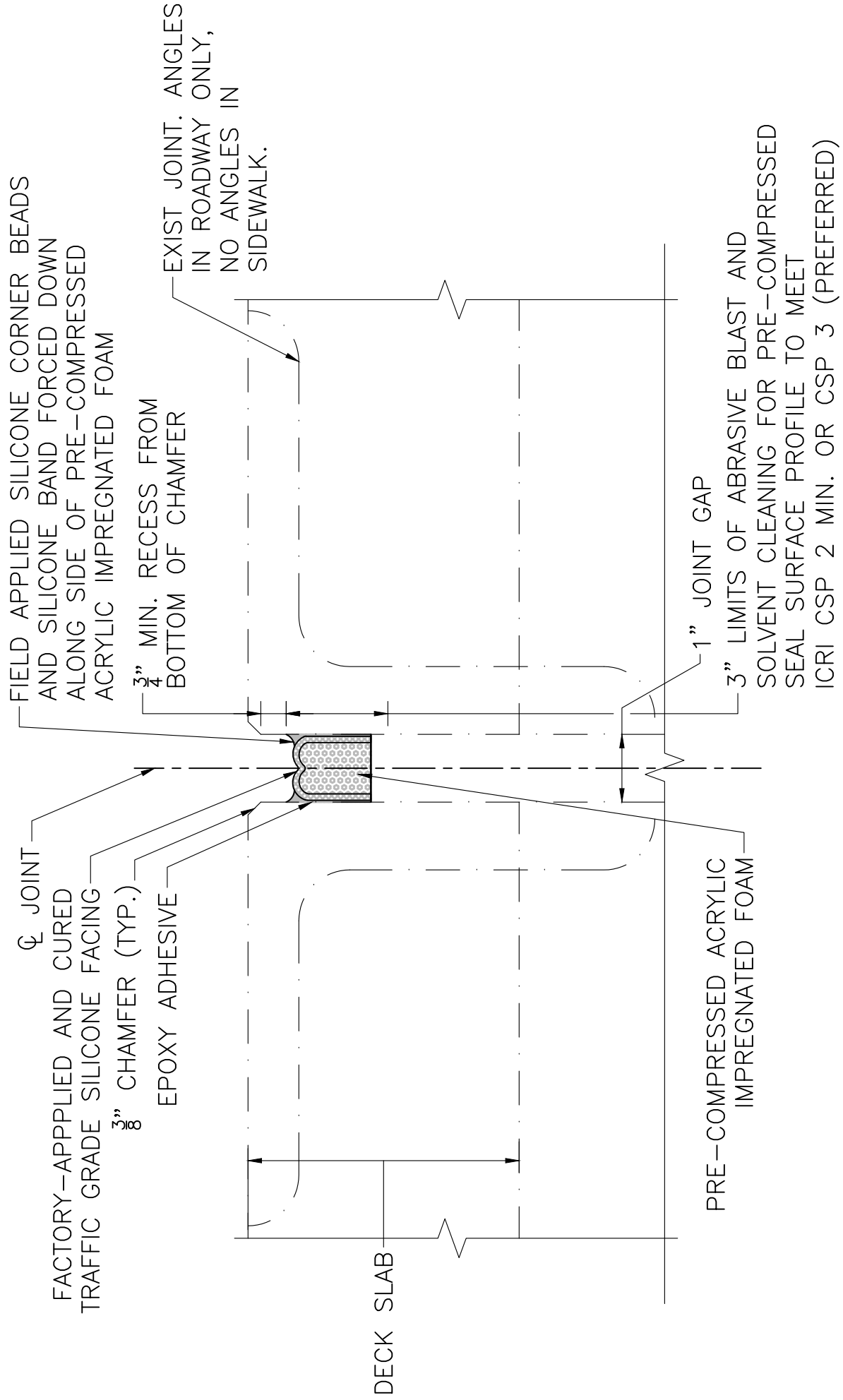


PROPOSED EXPANSION JOINT AT SIDEWALK

SCALE: 1" = 1'-0"



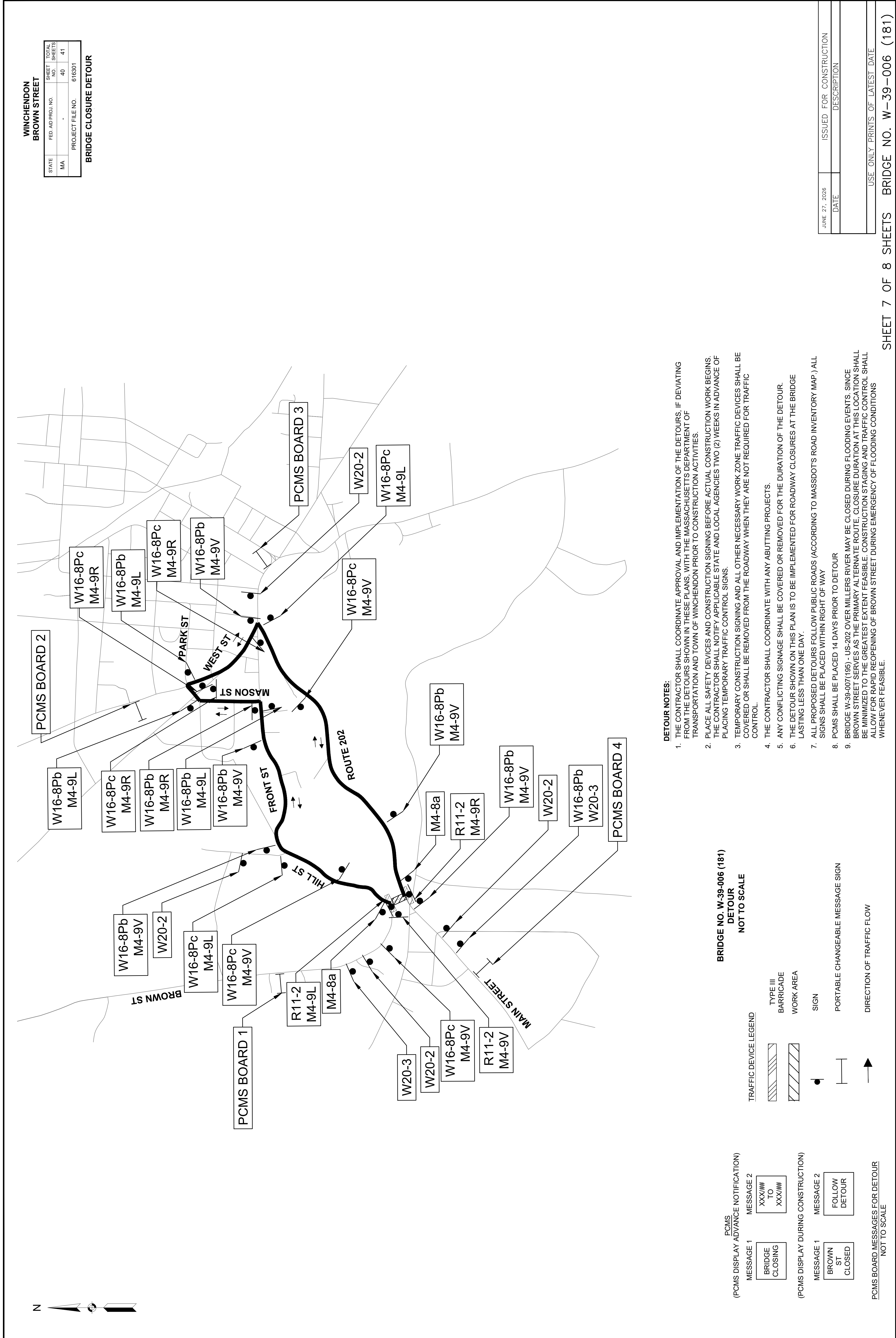
SCALE: 1" = 1'-0"



PROPOSED PRE-COMPRESSED SEAL SECTION AT DECK SECTION

SCALE: 3" = 1'-0"

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	

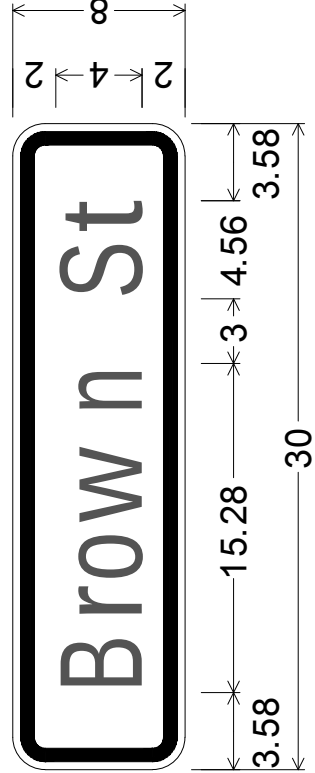


WINCHENDON
BROWN STREET

STATE	FED AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	41	41
PROJECT FILE NO.		616301	

SIGN SUMMARY

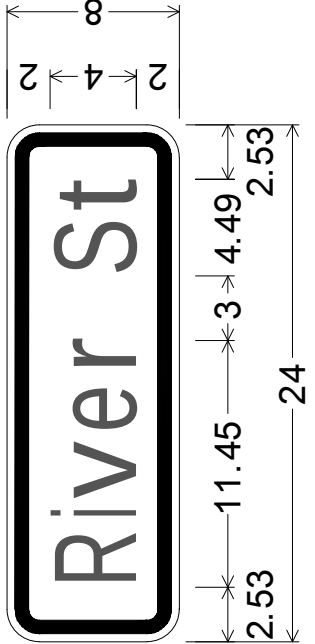
IDENTIFICATION	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (IN)			NUMBER OF SIGNS REQUIRED		COLOR		UNIT AREA (S.F.)	AREA (S.F.)
	WIDTH (IN)	HEIGHT (IN)		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKK.			BACKGROUND	LEGEND		
M4-8a	24	18	END DETOUR	SEE 2023 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES			2		FLOURE-SCENT ORANGE	BLACK	3.00	6.00
M4-9V	30	24	DETOUR				9		FLOURE-SCENT ORANGE	BLACK	5.00	45.00
M4-9R	30	24	DETOUR				5		FLOURE-SCENT ORANGE	BLACK	5.00	25.00
M4-9L	30	24	DETOUR				6		FLOURE-SCENT ORANGE	BLACK	5.00	30.00
R11-2	48	30	ROAD CLOSED				3		FLOURE-SCENT WHITE	BLACK	10.00	30.00
W16-8Pb	30	8	Brown St	SEE DETAIL ON RIGHT			9		FLOURE-SCENT ORANGE	BLACK	1.67	15.00
W16-8Pc	24	8	River St	SEE DETAIL ON RIGHT			9		FLOURE-SCENT ORANGE	BLACK	1.33	12.00
W20-2	36	36	DETOUR AHEAD				4		FLOURE-SCENT ORANGE	BLACK	9.00	36.00
W20-3	36	36	ROAD CLOSED AHEAD				2		FLOURE-SCENT ORANGE	BLACK	9.00	18.00
W6-9	36	36	LOW SHOULDER				2		FLOURE-SCENT ORANGE	BLACK	9.00	18.00
TOTAL											TOTAL (S.F.)	235.00



1.50" Radius, 0.625" Border, 0.375" Indent, Black on Yellow;
"Brown", D: "St", D;
"St", D 70% spacing;

Table of letter and object lefts

B	r	o	w	n	s	t
3.58	6.90	8.74	11.50	16.50	21.86	24.82



1.50" Radius, 0.625" Border, 0.375" Indent, Black on Yellow;
"River", D 70% spacing;
"St", D 70% spacing;

Table of letter and object lefts

R	i	v	e	r	s	t
2.53	5.67	6.65	9.71	12.46	16.98	19.87

W16-8P SIGN DETAIL
NOT TO SCALE

JUNE 27, 2026	ISSUED FOR CONSTRUCTION
DATE	DESCRIPTION
USE ONLY PRINTS OF LATEST DATE	
SHEET 8 OF 8 SHEETS BRIDGE NO. W-39-006 (181)	

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DOCUMENT A00820

**Massachusetts Department of Transportation
Conditions of Custody****REQUEST FOR RELEASE OF MASSDOT AUTOCAD FILES FORM**

(Only to be used following award of contract)

City/Town: GILL-NORTHFIELD-ROYALSTON-WINCENDON Project File Number: 616301Contract Number: 134932Project Description: Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)

All AutoCAD files are provided solely as a courtesy to facilitate public access to information. MassDOT attempts to provide current and accurate information but cannot guarantee so. MassDOT provides such documents, files or other data "as is" without any warranty of any kind, either expressed or implied, including but not limited to, accuracy, reliability, omissions, completeness and currentness. The Commonwealth of Massachusetts and its Consultants shall not be liable for any claim for damages, including lost profits or other consequential, exemplary, incidental, indirect or special damages, relating in any way to the documents, files or other data accessible from this file, including, but not limited to, claims arising out of or related to electronic access or transmission of data or viruses. Because data stored on electronic media can deteriorate undetected or be modified without our knowledge, MassDOT cannot be held liable for its completeness or correctness. MassDOT makes no representation as to the compatibility of these files beyond the version of the stated CAD software.

By signing this form, I agree that it shall be my responsibility to reconcile this electronic data with the conformed contract documents, and that only the conformed contract documents shall be regarded as legal documents for this Project. I understand that this authorization does not give me the right to distribute the files. I agree to the terms above and wish to receive the AutoCAD files.

This signed form shall be emailed to the Highway Design Engineer at the MassDOT -Highway Division at the following email address:

DOTHighwayDesign@dot.state.ma.us

Attn: AutoCAD Files

Name of person requesting AutoCAD files: _____

Affiliation/Company: _____

Address: _____

Telephone number: _____

Email address: _____

Signature/Date: _____

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DOCUMENT A00875

**POLICY DIRECTIVE P-22-001
AND
POLICY DIRECTIVE P-22-002**

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Number: P-22-001Date: 9/23/22

POLICY DIRECTIVE

Jonathan Gulliver (signature on original)

HIGHWAY ADMINISTRATOR

Off-Site Stockpiling of Soil from MassDOT Construction Projects

Purpose

The purpose of this Policy Directive is to formally establish a policy and procedures for managing and stockpiling soil generated and transported from MassDOT construction projects. This Policy Directive does not supersede any Federal, State, or Local regulations.

Date of Effect

This Policy Directive is effective immediately for all projects, including active construction projects.

For active construction projects and for other projects advertised prior to October 15, 2022, changes to the contract documents needed to implement the requirements of this Policy Directive will be considered on a case-by-case basis and shall be approved by the District Highway Director, as necessary.

For projects advertised on or after October 15, 2022, MassDOT will include the requirements and implementation procedures of this Policy Directive in the construction contract documents.

Policy Requirements

This policy is intended to prevent the off-site relocation of excavated soil generated from MassDOT projects to areas near residential receptors and to control potential fugitive dusts and/or contaminants. To that end, excavated soil may not be moved from the project site without knowledge of the content of the material. Knowledge may include visual field observations for presence of staining, odor, and/or debris, screening with a photoionization detector (PID), laboratory analysis, and/or site history. Pavement millings and other non-soil materials are not subject to the requirements of this Policy Directive.

Moving soil from a MassDOT project site to a temporary off-site storage location must be approved in writing by the District Highway Director.

The Contractor must select a storage location that is at least 500 feet away from residential receptors, as defined herein to include, but not be limited to, residential dwellings, residentially

zoned property, schools, daycare facilities, playgrounds, parks, recreational areas, hospitals, elderly housing and convalescent facilities.

Temporary off-site storage of excavated soil from a MassDOT project is only permissible at a location approved and permitted by MassDOT. The temporary storage location should be located within the same municipality where the soil was excavated, where possible. Stockpiled soil must be securely covered, and appropriate measures must be taken to minimize fugitive dust and erosion.

Signs indicating the source of the soil, the date the soil was generated, and contact information must be erected and maintained until the stockpiled soils are transported to a disposal facility or reused on the project site.

Implementation Procedures

To ensure that off-site storage of excavated soils is managed properly on MassDOT projects, this policy requires the following:

1. Off-Site Stockpile Storage Locations

- a. The Contractor shall provide proposed off-site storage locations to the Engineer for approval at least 30 days prior to transporting soil off site. Off-site storage locations should be in the same municipality as the work site.
- b. The Contractor shall keep excavated soil on site until adequately characterized to the satisfaction of the Engineer.
- c. The Contractor shall provide notification of the approved off-site storage location to the local Board of Health and the Town Manager's/Mayor's Office at least 7-days prior to transporting soil off site.
- d. The Contractor shall provide the Engineer with at least 3-days' notice prior to transporting soil off site.
- e. For off-site storage locations on MassDOT property, the Contractor is required to obtain an Access Permit through the District Permits Office prior to storage of soil or other materials. MassDOT will issue these permits at no cost to the Contractor. Information to be submitted by the Contractor as part of the permit application shall include:
 - i. A description of material to be stored off-site, including available analytical data;
 - ii. A figure of the location with distances to residences and residential receptors; and
 - iii. Anticipated duration of temporary storage.
- f. Stockpile locations should not be within 500 feet of residential receptors (e.g., residential dwellings, residentially zoned property, schools, daycare facilities, playgrounds, parks, recreational areas, hospitals, elderly housing and convalescent facilities).
 - i. If the stockpile location must be within 500 feet of residential receptors, then soil must be less than RCS-1 (per 310 CMR 40.1600) and free of potentially hazardous or regulated items.

- g. For off-site storage locations on non-MassDOT property, the Contractor must notify the property owner(s) at least 7 days prior to transporting material.
- h. Exceptions to these rules will be reviewed by MassDOT and may be approved by the District Highway Director on a case-by-case basis.

2. Off-Site Stockpile Management

- a. The Contractor shall keep soil stockpiles on impermeable surfaces (e.g., asphalt or concrete) or on 10-mil polyethylene sheeting.
- b. The Contractor shall cover soil stockpiles with 10-mil polyethylene sheeting and surround with a berm made of hay bales, straw wattles, or similar.
 - i. Piles that are actively being worked on must be covered and re-secured at the end of the work shift.
- c. The Contractor shall label stockpiles with signs, including:
 - i. Location of origin (including any Release Tracking Numbers)
 - ii. Stockpile ID number (including MassDOT District office-assigned tracking ID, if different)
 - iii. Date of initial accumulation
 - iv. Applicable telephone numbers for the Contractor and MassDOT.
- d. The Contractor shall mitigate fugitive dust at storage locations under the direction of an appropriately trained/certified environmental professional.
- e. The Contractor shall remedy noncompliance with this policy within 48 hours.
- f. The Contractor shall remedy noncompliance with this policy on the SAME DAY for potentially hazardous material, as determined by the Engineer.
- g. The Contractor shall handle excavated soil according to federal, state, and local regulations.
- h. The Contractor shall use appropriate shipping documents for all movements of excavated soil on public roadways (e.g., Bill of Lading, Material Shipping Record, Manifest, Asbestos Waste Shipment Record, etc.).

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Number: P-22-002Date: 9/23/22

POLICY DIRECTIVE

Jonathan Gulliver (signature on original)

HIGHWAY ADMINISTRATOR

Use of MassDOT Property for Staging and other Construction-Related Operations

Purpose

This Policy Directive is intended to address the use of MassDOT property by MassDOT Contractors for construction staging and other construction-related operations that are not specifically defined in the construction contract. Such use of MassDOT property will only be allowed if permitted by the District Office in accordance with 700 CMR 13.00, Approval of Access to MassDOT Highways and Other Property. This includes the use of MassDOT property for staging, laydown, and storage of equipment and materials, including soil excavated from a project site.

This Policy Directive requires the Contractor/applicant to obtain a Non-Vehicular Access Permit from MassDOT to use MassDOT property for these purposes.

This Policy Directive is effective immediately and applies to all MassDOT construction projects.

General Permit Considerations and Conditions

In addition to other normal MassDOT Access Permit procedures, MassDOT shall consider the following during the application, review, implementation and monitoring processes of Access Permits required by this Policy Directive:

- Storage and placement of the Contractor's equipment and materials should not be allowed within the clear zone of the roadway.
- Stockpiled soils should not be located within 500 feet of residential receptors, as defined herein to include, but not be limited to, residential dwellings, residentially zoned property, schools, daycare facilities, playgrounds, parks, recreational areas, hospitals, elderly housing and convalescent facilities.
- The Contractor/applicant shall identify the access/egress locations of the proposed storage areas. MassDOT will only approve locations determined to be safe for roadway users, construction workers and the general public.
- The Contractor may be required to submit a Traffic Management Plan and/or Lighting Plan for MassDOT review and approval as part of the permit application, depending on the proposed use of the area.

- The Contractor shall submit the permit application through MassDOT's online State Highway Access Permit System (SHAPS).
- MassDOT will waive the permit application fee for any application received from a MassDOT Contractor for any permit required by this Policy Directive and will waive any subsequent amendment and extension fees that may otherwise be required.
- MassDOT will review the permit application in accordance with applicable standard procedures and will apply standard permit terms and conditions, as necessary.
- The Resident Engineer will verify that the permit is approved before allowing the Contractor to use the affected area for the requested purpose.
- Areas permitted are for use by the approved applicant only and are not to be shared with or used by other vendors. Subcontractors specifically engaged with the applicant working on the specific MassDOT project will be allowed to use the area in accordance with the terms of the permit.
- Permits are issued on an annual basis and will require the Contractor to file for an extension each year to continue use.

Exemptions from Permit Requirements

Equipment and materials being used for active construction operations and located within the work zone of the construction contract are exempt from this permit requirement, provided they do not interfere with the safety or operation of the roadway or the work zone. Examples of these types of exempt uses are:

- Equipment and materials parked or stored within a protected (barriered) work zone.
- Materials placed in the work zone prior to same-day installation or use.
- Soils excavated temporarily and scheduled to be replaced, such as for trenching operations or for installation of drainage structures.

DOCUMENT B00420

PROPOSAL

GILL-NORTHFIELD-ROYALSTON-WINCHENDONFor: **Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)**

COMMONWEALTH OF MASSACHUSETTS

LOCATION

The work referred to herein is in the Towns of GILL and NORTHFIELD in Franklin County, and ROYALSTON and WINCHENDON in Worcester County, in the Commonwealth of Massachusetts, and is shown by the locus map (Document 00331) in the Proposal Pamphlet, the work locations extend as follows:

Gill	Bridge BR# G-04-011 (0PY)
Royalston	Bridge BR# R-12-013 (167)
Northfield	Bridge BR# N-22-007 (OMW)
Winchendon	Bridge BR# W-39-006 (181)

The contract prices shall include the furnishing of all materials (except as otherwise herein specified), the performing of all the labor requisite or proper, the providing of all necessary machinery, tools, apparatus and other means of construction, the doing of all the abovementioned work in the manner set forth, described and shown in the specifications and on the drawings for the work, and in the form of contract, and the completion thereof within **408 CALENDAR DAYS** upon receipt of a Notice to Proceed, except that if the completion date falls between December 1 and March 15 then the same number of days beyond December 1st will be extended after March 15th.

The Work of this project is described by the following Items and quantities.

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Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
101.01	400	CLEARING AND GRUBBING AT BRIDGES AT _____ PER SQUARE YARD		
106.09	4	ARMORED STEEL JOINT MODIFICATIONS AT _____ PER FOOT		
106.16	2	BRIDGE DECK DRAIN PVC PIPE INSTALLATION AND EXTENSION AT _____ EACH		
106.88	5	JACKING AND SHORING AT _____ EACH		
107.97	3,750	STRUCTURAL STEEL REPAIRS AT _____ PER POUND		
127.1	15	REINFORCED CONCRETE EXCAVATION AT _____ PER CUBIC YARD		
127.12	0.75	REINFORCED CONCRETE SUBSTRUCTURE EXCAVATION AT _____ PER CUBIC YARD		
127.13	0.5	REINFORCED CONCRETE COPING EXCAVATION AT _____ PER CUBIC YARD		
150.	25	ORDINARY BORROW AT _____ PER CUBIC YARD		

Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
151.	2	GRAVEL BORROW AT _____ PER CUBIC YARD		
170.	4	FINE GRADING AND COMPACTING - SUBGRADE AREA AT _____ PER SQUARE YARD		
451.	2	HMA FOR PATCHING AT _____ PER TON		
504.	140	GRANITE CURB TYPE VA4 - STRAIGHT AT _____ PER FOOT		
509.	75	GRANITE TRANSITION CURB FOR PEDESTRIAN CURB RAMPS - STRAIGHT AT _____ PER FOOT		
627.82	12	GUARDRAIL TANGENT END TREATMENT, TL-2 AT _____ EACH		
628.25	12	TRANSITION TO THRIE BEAM AT _____ EACH		
628.305	4	TEMPORARY IMPACT ATTENUATOR, NON-REDIRECTIVE, TL-3 AT _____ EACH		
628.4	4	TEMPORARY IMPACT ATTENUATOR, REMOVED AND RESET AT _____ EACH		

Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
630.2	750	HIGHWAY GUARD REMOVED AND DISCARDED AT _____ PER FOOT		
715.	8	RURAL MAILBOX REMOVED AND RESET AT _____ EACH		
722.3	1	SCHEDULE OF OPERATIONS (TYPE C) - FIXED PRICE \$8,500 AT Eight Thousand Five Hundred Dollars LUMP SUM	\$8,500.00	\$8,500.00
740.	14	ENGINEER'S FIELD OFFICE AND EQUIPMENT (TYPE A) AT _____ PER MONTH		
748.	1	MOBILIZATION AT _____ LUMP SUM		
751.	7	LOAM FOR ROADSIDES AT _____ PER CUBIC YARD		
765.	36	SEEDING AT _____ PER SQUARE YARD		
767.121	250	SEDIMENT CONTROL BARRIER AT _____ PER FOOT		
769.	575	PAVEMENT MILLING MULCH UNDER GUARD RAIL AT _____ PER FOOT		

Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
816.82	1	TEMPORARY TRAFFIC CONTROL SIGNAL BRIDGE NO. N-22-009 (0MW) AT _____ LUMP SUM		
816.83	1	TEMPORARY TRAFFIC CONTROL SIGNAL BRIDGE NO. R-12-013 (167) AT _____ LUMP SUM		
851.1	285	TRAFFIC CONES FOR TRAFFIC MANAGEMENT AT _____ PER DAY		
852.	850	SAFETY SIGNING FOR TRAFFIC MANAGEMENT AT _____ PER SQUARE FOOT		
853.1	25	PORTABLE BREAKAWAY BARRICADE TYPE III AT _____ EACH		
853.21	680	TEMPORARY BARRIER REMOVED AND RESET AT _____ PER FOOT		
853.23	875	TEMPORARY BARRIER (TL-3) AT _____ PER FOOT		
853.33	600	TEMPORARY BARRIER - LIMITED DEFLECTION (TL-3) AT _____ PER FOOT		
854.036	2,263	TEMPORARY PAVING MARKINGS - 6 INCH (TAPE) AT _____ PER FOOT		

Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
856.	390	ARROW BOARD AT _____ PER DAY		
856.12	1,520	PORTABLE CHANGEABLE MESSAGE SIGN AT _____ PER DAY		
859.	3,100	REFLECTORIZED DRUM AT _____ PER DAY		
859.1	380	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS AT _____ PER DAY		
905.2	7	5000 PSI, 3/8 INCH, 710 HP CEMENT CONCRETE AT _____ PER CUBIC YARD		
910.1	500	STEEL REINFORCEMENT FOR STRUCTURES - EPOXY COATED AT _____ PER POUND		
961.301	100	CLEAN (FULL REMOVAL) AND PAINT STEEL BEAM ENDS BRIDGE NO. G-04-011 (0PY) AT _____ PER SQUARE FOOT		
961.302	220	CLEAN (FULL REMOVAL) AND PAINT STEEL BEAM ENDS BRIDGE NO. R-12-013 (167) AT _____ PER SQUARE FOOT		
961.303	72	CLEAN (FULL REMOVAL) AND PAINT STEEL BEAM ENDS BRIDGE NO. N-22-009 (0MW) AT _____ PER SQUARE FOOT		

Project # 616301		Contract # 134932		
Location : GILL - NORTHFIELD - ROYALSTON - WINCHENDON				
Description : Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
961.304	125	CLEAN (FULL REMOVAL) AND PAINT STEEL BEAM ENDS BRIDGE NO. W-39-006 (181) AT _____ PER SQUARE FOOT		
964.1	144	EPOXY BONDING COMPOUND AT _____ PER SQUARE FOOT		
964.3	2,800	ELASTOMERIC PROTECTIVE COATING AT _____ PER SQUARE FOOT		
966.	75	MEMBRANE WATERPROOFING FOR BRIDGE DECK REPAIRS AT _____ PER SQUARE FOOT		
973.2	35	PRECOMPRESSED JOINT SEAL AT _____ PER FOOT		
974.3	55	METAL BRIDGE RAILING REMOVED AT _____ PER FOOT		
975.8	180	THRIE BEAM BRIDGE RAIL WITH HANDRAIL AT _____ PER FOOT		
994.021	30	TEMPORARY PROTECTIVE SHIELDING (OUTSIDE FASCIA BEAM) AT _____ PER SQUARE YARD		
994.1	154	TEMPORARY PROTECTIVE SHIELDING AT _____ PER SQUARE FOOT		
Total Qty: 21,566.25				

DOCUMENT B00842

SCHEDULE OF PARTICIPATION
BY MINORITY OR WOMEN BUSINESS ENTERPRISES (M/WBE)MASSDOT PROJECT NUMBER: 616301PROJECT LOCATION: GILL-NORTHFIELD-ROYALSTON-WINCENDON

DATE OF BID OPENING: _____

NAME OF PRIME BIDDER: _____

Name Address and Phone Number of M/WBE	Name of Activity	(a) M/WBE Contractor Activity Amount	(b) M/WBE Other Business Amount	(c) Total amount eligible for credit under rules in Section VIII of the Special Provisions
Total Bid Amount	TOTALS:	\$		\$
\$	M/WBE Percentage of Total bid:	%		%

Column (a) must be at least one-half of the M/WBE percentage goal.

SIGNATURE: _____ Date: _____ Tel No: _____

NAME AND TITLE (PRINT): _____

BIDDERS ARE CAUTIONED TO REVIEW DOCUMENT 00718 -- SPECIAL PROVISION FOR
PARTICIPATION BY MINORITY OR WOMEN BUSINESS ENTERPRISES AND SERVICE DISABLED
VETERAN OWNED BUSINESS ENTERPRISES.

*** END OF DOCUMENT ***

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DOCUMENT B00843

MINORITY OR WOMEN'S BUSINESS ENTERPRISE PARTICIPATION LETTER OF INTENT
PAGE 1 OF 2MASSDOT PROJECT NUMBER: 616301

PROJECT LOCATION: GILL-NORTHFIELD-ROYALSTON-WINCENDON

DATE OF BID OPENING:

FROM

(Minority or Women's Business Enterprise Company)

TO:

(Name of Prime Contractor)

1. My company is currently certified as an MBE or WBE by the Massachusetts Supplier Diversity Office, formerly known as the State Office of Minority and Women Business Assistance (SOMWBA). There have been no changes affecting the ownership, control or independence of my company since my last certification review.
2. If any such change occurs prior to my company's completion of this proposed work, I will give written notification to your firm and to the Massachusetts Department of Transportation (MassDOT).
3. (For contractor activity only.) My firm will provide to you, upon request, for the purpose of obtaining subcontractor approval from MassDOT; (1) a resume stating the qualifications and experience of the superintendent or foreperson who will supervise on site-work; (2) a list of equipment owned or leased by my firm for use on the project; (3) a list of all projects (public or private) which my firm is currently performing, is committed to perform, or intends to make a commitment to perform. I shall include, for each project, the names and telephone number of a contact person for the contracting organization, the dollar value of the work, a description of the work, and my firm's work schedule for the Project.
4. If you are awarded the Contract, my company intends to enter into an agreement with your firm to perform the items of work or other activity described on the following sheet for the prices indicated.
5. My firm has the ability to manage, supervise and perform the activity described on the following page.

M/WBE Authorized Signature

Date

MINORITY OR WOMEN'S BUSINESS ENTERPRISE PARTICIPATION LETTER OF INTENT
PAGE 2 OF 2MASSDOT PROJECT NUMBER: 616301PROJECT LOCATION: GILL-NORTHFIELD-ROYALSTON-WINCENDON

DATE OF BID OPENING: _____

NAME OF PRIME BIDDER: _____

<u>Item number</u> if applicable	<u>Description of Activity</u> with notations such as Installation Only, Material Only, or Complete	<u>Quantity</u>	<u>Unit Price</u>	<u>Amount</u>
TOTAL AMOUNT:				

M/WBE COMPANY NAME: _____

M/WBE AUTHORIZED SIGNATURE: _____

NAME AND TITLE (PRINT): _____

TELEPHONE NUMBER: _____ FAX NUMBER: _____

*** END OF DOCUMENT ***

Rev'd 9/20/19

DOCUMENT B00846

M/WBE OR SDVOBE JOINT CHECK ARRANGEMENT APPROVAL FORM

(to be submitted by Prime Contractor)

Contract No: 134932 Project No. 616301Location: GILL-NORTHFIELD-ROYALSTON-
WINCHENDON Bid Opening Date: _____Project Description: Maintenance and Preservation of Municipal Bridges at Multiple Locations (D2 Contract 1)

We have received the attached request for the use of a joint check arrangement from _____, a M/WBE or SDVOBE on the above- referenced Contract and _____, a Material Supplier/Vendor for the subject Contract. The M/WBE or SDVOBE has complied with the requirements of Special Provision Document 00718. In particular, the M/WBE or SDVOBE has:

- a written agreement with the material supplier/vendor;
- applied for credit with the subject material supplier and has supplied the vendor's response;
- shown that it will place all orders to the subject material supplier/vendor;
- made and retains all decision-making responsibilities concerning the materials; and
- provided a Joint Check Agreement that is acceptable to MassDOT;

As the Contractor for the Project, we agree to issue joint checks (made payable to the Material Supplier/Vendor and the M/WBE or SDVOBE) for payment of sums due pursuant to invoices from the Supplier/Vendor and M/WBE or SDVOBE.

Contractor:_____
Company Name_____
Signature
Duly Authorized_____
Printed Name_____
Date_____
Title**SubContractor:**_____
Company Name_____
Signature –
Duly Authorized_____
Printed Name_____
Date_____
Title

*** END OF DOCUMENT ***

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DOCUMENT B00847

JOINT VENTURE AFFIDAVIT

(All Firms)

- All Information Requested By This Schedule Must Be Answered. Additional Sheets May Be Attached.
- If, there is any change in the information submitted, the Joint Venture parties must inform MassDOT Pre-Qualifications Office (and, if one of the companies is a M/WBE or SDVOBE, the Director of Contract Compliance, Office of Civil Rights) *prior* to such change, in writing, either directly or through the Prime Contractor if the Joint Venture is a subcontractor.
- If the Joint Venture Entity will be the bidder on a prime Contract, it must bid and submit all required documents (insurance, worker's compensation, bonds, etc.) in the name of the Joint Venture Entity.

I. Name of Joint Venture: _____

Type of Entity if applicable (Corp., LLC): _____ Filing State _____

Address of joint venture: _____

Phone No(s) for JV Entity: _____ E-mail: _____

Contact Person(s) _____

Tax ID/EIN of Joint Venture: _____ Vendor Code: _____

II. Identify each firm or party to the Joint Venture:

Name of Firm: _____

Address: _____

Phone : _____ E-mail: _____

Contact person(s) _____

Name of Firm: _____

Address: _____

Phone: _____ E-mail: _____

Contact Person(s) _____

III. Describe the role(s) of the each party to the Joint Venture:_____

- IV. Attach a copy of the Joint Venture Agreement.** The proposed Joint Venture Agreement should include specific details including, but not limited to: (1) the contributions of capital and equipment; (2) work items to be performed by each company's forces, (3) work items to be performed under the supervision of any M/WBE or SDVOBE Venturer; (4) the commitment of management, supervisory and operative personnel employed by the M/WBE or SDVOBE to be dedicated to the performance of the Project; and (5) warranty, guaranty, and indemnification clauses.

V. Attach any applicable Corporate or LLC Votes, Authorizations, etc.

VI. Ownership of the Joint Venture:

A. What is the percentage(s) of each company's ownership in the Joint Venture?

ownership percentage(s): _____

ownership percentage(s): _____

B. Specify percentages for each of the following (provide narrative descriptions and other detail as applicable):

1. Sharing of profit and loss: _____

2. Capital contributions:

(a) Dollar amounts of initial contribution: _____

(b) Dollar amounts of anticipated on-going contributions: _____

(c) Contributions of equipment (specify types, quality and quantities of equipment to be provided by each firm): _____

4. Other applicable ownership interests, including ownership options or other agreements, which restrict or limit ownership and/or control:

5. Provide copies of all other written agreements between firms concerning bidding and operation of this Project or projects or contracts.

6. Identify all current contracts and contracts completed during the past two (2) years by either of the Joint Venture partners to this Joint Venture:

VII. Control of and Participation in the Joint Venture. Identify by name and firm those individuals who are, or will be, responsible for and have the authority to engage in the following management functions and policy decisions. (Indicate any limitations to their authority such as dollar limits and co-signatory requirements.):

A. Joint Venture check signing:

B. Authority to enter Contracts on behalf of the Joint Venture:

C. Signing, co-signing and/or collateralizing loans:

D. Acquisition of lines of credit:

E. Acquisition and indemnification of payment and performance bonds:

F. Negotiating and signing labor agreements:

G. Management of contract performance. (*Identify by name and firm only*):

1. Supervision of field operations:

2. Major purchases:

3. Estimating:

4. Engineering:

VIII. Financial Controls of Joint Venture:

A. Which firm and/or individual will be responsible for keeping the books of account?

B. Identify the "Managing Partner," if any, and describe the means and measure of their compensation:

C. What authority does each firm have to commit or obligate the other to insurance and bonding companies, financing institutions, suppliers, subcontractors, and/or other parties participating in the performance of this Contract or the work of this Project?

IX. Personnel of Joint Venture: State the approximate number of personnel (by trade) needed to perform the Joint Venture's work under this Contract. Indicate whether they will be employees of the majority firm, M/WBE or SDVOBE firm, or the Joint Venture.

	Firm 1 (number)	Firm 2 (number)	Joint Venture (number)
Trade			
Professional			
Administrative/Clerical			
Unskilled Labor			

Will any personnel proposed for this Project be employees of the Joint Venture?: _____

If so, who: _____

A. Are any proposed Joint Venture employees currently employed by either firm?

Employed by Firm 1: _____ Employed by firm 2 _____

B. Identify by name and firm the individual who will be responsible for Joint Venture hiring: _____

X. Additional Information. Please state any material facts and additional information pertinent to the control and structure of this Joint Venture.

XI. AFFIDAVIT OF JOINT VENTURE PARTIES. The undersigned affirm that the foregoing statements and attached documents are correct and include all material information necessary to identify and explain the terms and operations of our Joint Venture and the intended participation of each firm in the undertaking. Further, the undersigned covenant and agree to provide to MassDOT current, complete and accurate information regarding actual Joint Venture work, payments, and any proposed changes to any provisions of the Joint Venture, or the nature, character of each party to the Joint Venture. We understand that any material misrepresentation will be grounds for terminating any Contract awarded and for initiating action under Federal or State laws concerning false statements.

Firm 1

Firm 2

Signature
Duly Authorized

Signature
Duly Authorized

Printed Name and Title

Printed Name and Title

Date

Date

*** END OF DOCUMENT ***