

**PROJECT:**  
Wayside Bridge Repairs  
Wayside Inn Road  
Sudbury, MA 01776  
Project No. 2024-WSIB-1

**ADDENDUM NO. 2 04/30/2024**

Posted: 04/30/2024 at 1:57PM EDT

**Awarding Authority/Owner:**

Town of Sudbury - Department of Public Works  
275 Old Lancaster Road  
Sudbury, MA 01776

Reference Contract Documents (drawings and specifications) dated 04/11/2024

The attention of Bidders submitting proposals for the above subject project is called to the following addendum to the specifications and drawings. The items set forth herein, whether of omission, addition, substitution, or clarifications are all to be included in and form a part of the proposal submitted.

THE NUMBER OF THIS ADDENDUM (2) MUST BE ENTERED IN THE APPROPRIATE SPACE "B" PROVIDED AFTER THE WORD "NUMBERS" OF THE CONTRACT FORM ENTITLED "FORM FOR GENERAL BID," AND IN SPACE "B" OF THE "FORM FOR SUB-BID."

BID DOCUMENT MODIFICATIONS ARE AS FOLLOWS.

**Specifications:**

- Add the following new technical sections. (See attached)  
00 91 13.01 Addendum 2

**Drawings:**

- Replace the following drawings in their entirety. (See attached)  
S-103 Wayside Inn Bridge Repair Plan & Section

All other of the portions of the Contract Documents remain **unchanged**. Please be reminded to acknowledge this Addendum on the bid forms.

**ATTACHMENTS**

00 91 13.01 Addendum 2  
S-103 Wayside Inn Bridge Repair Plan & Section  
--- End of Addendum No. 2 ---

0227202.11  
Issue Date: April 30, 2024

Wayside Bridge Repairs  
Sudbury, MA

## SECTION 00 91 13.01

### ADDENDUM NO. 2

NOTICE is hereby given that the **Bidding Documents have been modified and replacement pages issued** herewith. Replacement pages have an **Issue Date of April 30, 2024**; contain reference to “**Addendum No. 2**” in the footer, and text changes for additions identified by double underline and deletions identified by ~~Strikeout~~.

Specifications: Replacement pages include:

- Section 00 01 10, Table of Contents: Page 2

Drawings: Revision to drawing sheet include:

- Drawing Sheet Number: S-103

Issue Date: ~~April 26, 2024~~ April 30, 2024

Supplementary Conditions

- 00 73 10 General Supplementary Conditions
- 00 73 15 Project Specific Supplementary Conditions
- 00 73 43 Prevailing Wage Rate Requirements
  - Prevailing Wage Forms
  - Prevailing Wage Rates
- 00 73 73 Incorporation of Applicable Provisions of the Massachusetts General Law
- 00 91 13 Addendum 1
- 00 91 13.01 Addendum 2

**SPECIFICATIONS**

**DIVISION 01 GENERAL REQUIREMENTS**

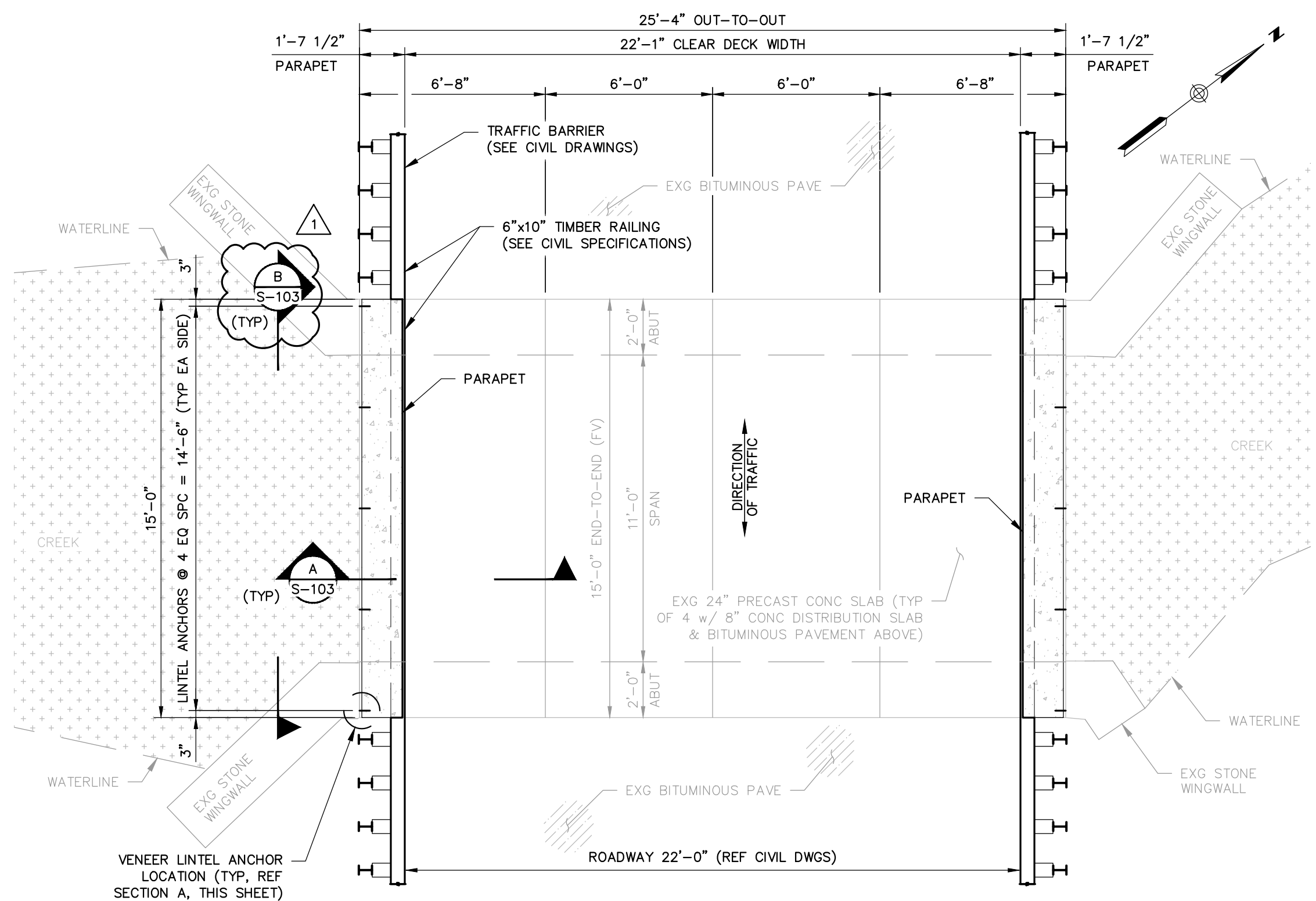
- 01 11 00 Summary of Work
- 01 15 30 Payment and Administrative Procedures and Quality Requirements
- 01 50 00 Temporary Facilities and Controls
- 01 60 00 Product Requirements
- 01 70 00 Execution and Closeout Requirements

**DIVISION 02 - EXISTING CONDITIONS**

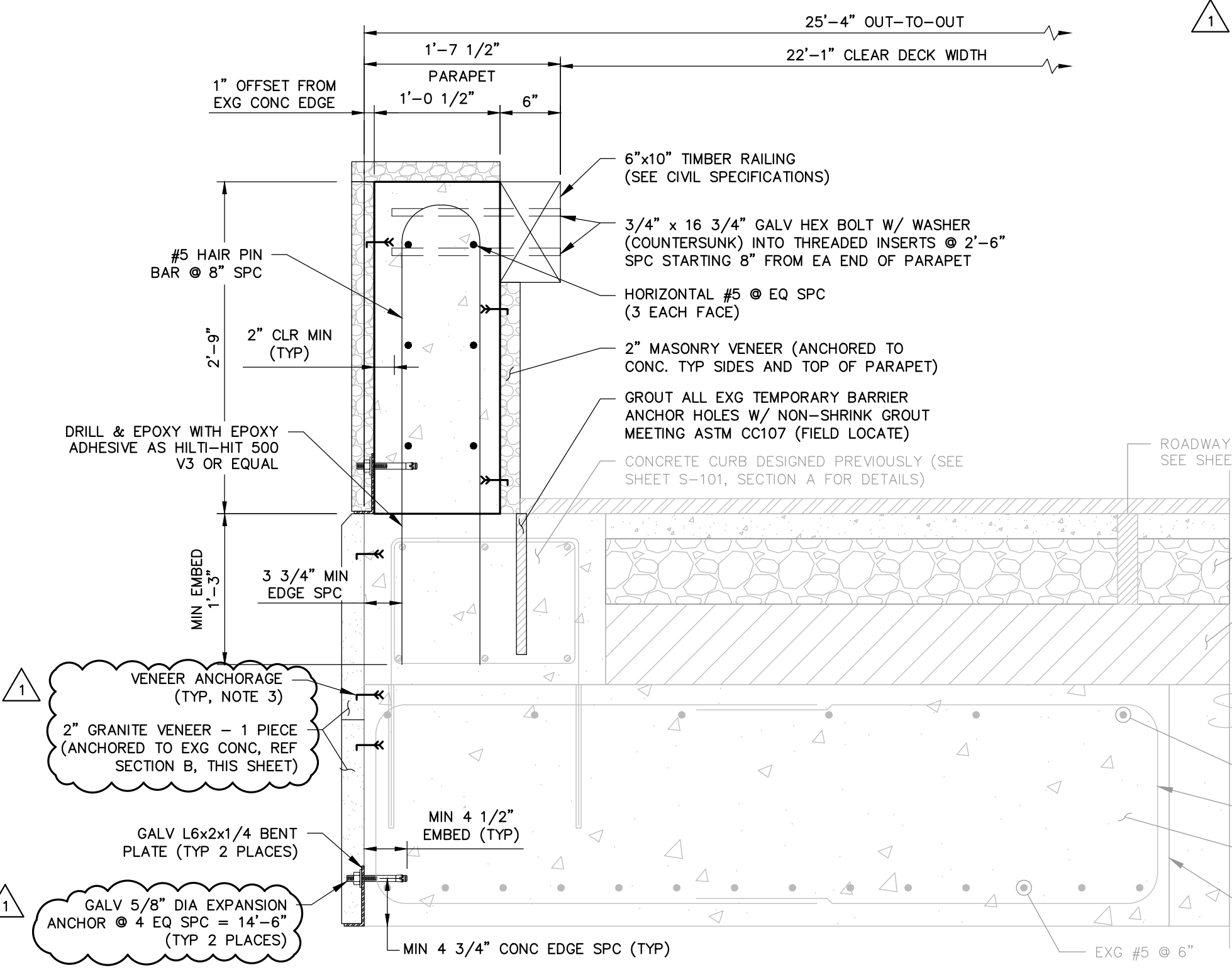
- 02 41 14 Selective Site Demolition and Restoration
- 02 46 00 Guardrails

**END OF SECTION**

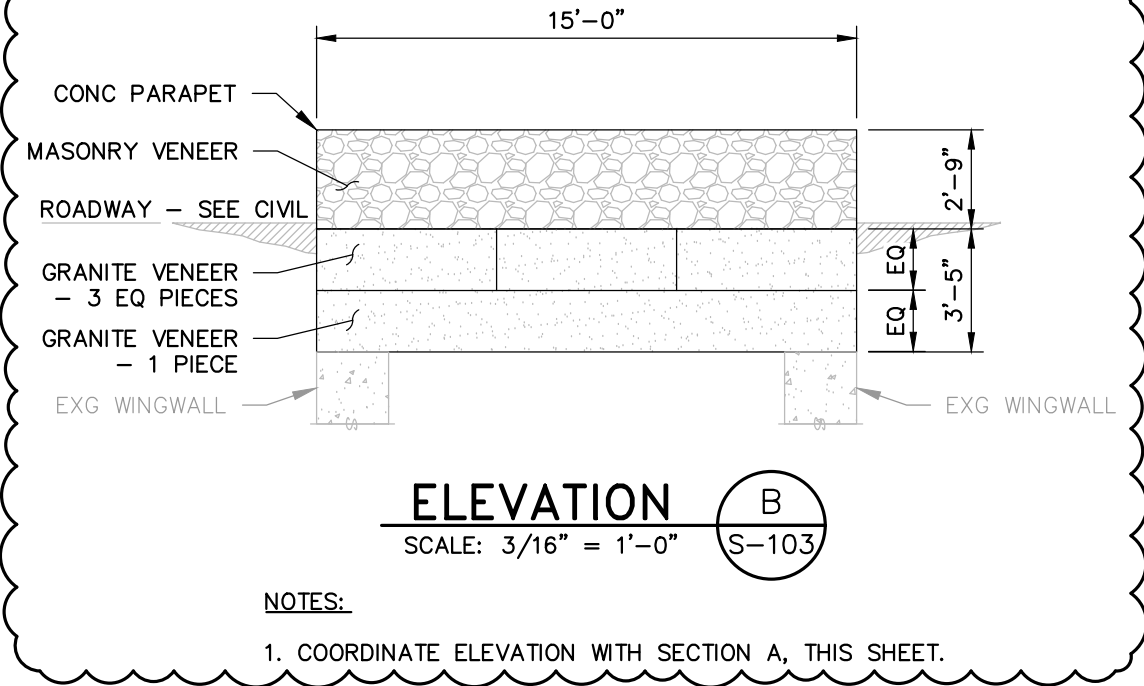




**WAYSIDE INN BRIDGE PLAN**  
 SCALE: 1/4" = 1'-0"



**PERMANENT BRIDGE PARAPET**  
 SCALE: 1" = 1'-0"



**ELEVATION B**  
 SCALE: 3/16" = 1'-0"

**GENERAL NOTES**

- A. GENERAL STRUCTURAL NOTES:**
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    - AISC STEEL CONSTRUCTION MANUAL, 14TH ED.
    - ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
  - DESIGN LOADS AND CRITERIA**
    - BASIC DESIGN PARAMETERS**

PROJECT ADDRESS: SUDBURY, MA  
 PROJECT LOCATION: LAT 42.357° LONG -71.470°  
 GENERAL ELEVATION: 188 FT
    - DEAD LOADS**

ACTUAL STONE FACADE: 30 PSF (EQUIVALENT TO 2" GRANITE @ 180 PCF)
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IMPACT LOAD: 10,000 LBS
  - REINFORCED CONCRETE:**
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    - ALL DESIGN IN ACCORDANCE WITH ACI 318-14 CONCRETE BUILDING CODE. ALL CONCRETE SHALL BE PROVIDED, PLACED, AND MOIST CURED (MIN 7 DAYS) AS PER ALL APPLICABLE SECTIONS OF ACI, AS APPROVED BY THE ENGINEER.
    - ALL CONCRETE SHALL BE FIELD TESTED BY AN INDEPENDENT TESTING LABORATORY AS PER ASTM SPECIFICATIONS (PAID FOR BY THE CONTRACTOR). FOR EACH PLACEMENT, ONE SET OF FOUR 4" DIAMETER X 8" TALL STANDARD COMPRESSION TEST CYLINDERS SHALL BE TAKEN AND TESTED IN ACCORDANCE WITH ASTM C39; 1 SPECIMEN TESTED AT 7 DAYS; 2 SPECIMENS TESTED AT 28 DAYS; AND 1 SPECIMEN RETAINED IN RESERVE FOR LATER TESTING IF REQUIRED.
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- REINFORCEMENT: ASTM A615 GRADE 60 & EPOXY-COATED PER ASTM A775 - ALL SPLICES CLASS B (UNO). REINFORCEMENT SHALL BE DETAILED, FABRICATED, AND PLACED AS PER ACI 315 DETAILING MANUAL.
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    - EQUIPMENT FOR HANDLING EPOXY-COATED BARS SHALL HAVE PROTECTED CONTACT AREAS. BUNDLES OF COATED BARS SHALL BE LIFTED AT MULTIPLE PICK-UP POINTS TO MINIMIZE BAR-TO-BAR ABRASION FROM SAGS IN THE BUNDLES. COATED BARS OR BUNDLES OF COATED BARS SHALL NOT BE DROPPED OR DRAGGED. COATED BARS SHALL BE STORED ON PROTECTIVE CRIBBING. FADING OF THE COLOR OF THE COATING SHALL NOT BE CAUSE FOR REJECTION OF EPOXY-COATED REINFORCING BARS.
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    - WHEN REQUIRED, DAMAGES EPOXY COATING SHALL BE REPAIRED WITH PATCHING MATERIAL CONFORMING TO ASTM A775. REPAIR SHALL BE DONE IN ACCORDANCE WITH THE PATCHING MATERIAL MANUFACTURER'S RECOMMENDATIONS.
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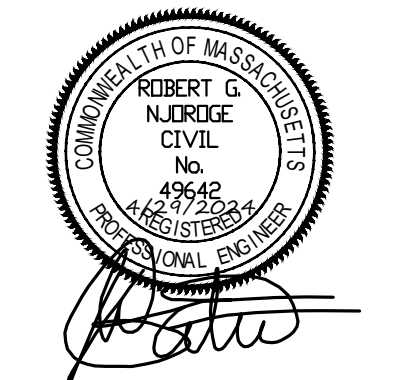
- E. MASONRY:**
- VENEER: BY STONEYARD, INC OR APPROVED EQUAL. COLOR, AND STYLE OF MASONRY & GRANITE VENEER SHALL BE SELECTED BY THE CLIENT. ANCHORAGE OF VENEER SHALL BE ANCHORED PER MANUFACTURER'S RECOMMENDATIONS.
  - ALL STONE FINISHES SHALL HAVE AN AGED FINISH TO BE REVIEWED AND APPROVED BY THE HISTORIC DISTRICTS COMMISSION AT A FUTURE MEETING.
  - MORTAR FOR VENEER SHALL CONFORM TO ASTM C270, TYPE N, AND SHALL CONSIST OF THE FOLLOWING PROPORTIONS BY VOLUME: 1 PART TYPE N MORTAR CEMENT 2-1/4 TO 3 PARTS AGGREGATE; OR 1 PART PORTLAND CEMENT, 1/2 TO 1-1/4 PARTS HYDRATED LIME, 2-1/4 TO 3 TIMES THE SUM OF THE CEMENT AND LIME VOLUMES, PARTS AGGREGATE
  - MORTAR PIGMENT: MORTAR SHALL BE CHEMICALLY PURE INORGANIC OXIDES IN COMPOUNDS SUITABLY PREPARED FOR USE IN MASONRY MORTAR. COLORS SHALL BE SELECTED BY THE CLIENT.
- F. STRUCTURAL STEEL**
- STEEL SHALL COMPLY WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION AISC 360-10 SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, AISC 303-10 CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES AND THE 14TH EDITION OF STEEL CONSTRUCTION MANUAL. ALL STEEL MEMBERS, BOLTS, AND CONNECTIONS SHALL BE DESIGNED TO LOAD AND RESISTANCE FACTOR DESIGN (LRFD).
  - STEEL SHALL CONFORM TO ASTM A36 FOR ROLLED SHAPES & PLATES.
  - POST-INSTALLED ANCHORS: EXPANSIONS BOLTS ARE PERMITTED WHERE SPECIFICALLY INDICATED ON DRAWINGS AND IN COMPLIANCE WITH PROJECT SPECIFICATION.
  - FIELD CUTTING OR DRILLING IN STRUCTURAL MEMBERS IS PROHIBITED, UNLESS PREVIOUSLY APPROVED BY THE STRUCTURAL STRUCTURAL ENGINEER-OF-RECORD.
- G. STRUCTURAL STEEL GALVANIZING**
- ALL STRUCTURAL STEEL, INCLUDING BOLTS AND CONNECTION ITEMS, SHALL BE GALVANIZED.
  - ALL ITEMS SPECIFIED AS GALVANIZED SHALL BE COATED BY THE HOT-DIP PROCESS IN ACCORDANCE WITH ASTM A123 OR ASTM A153, IN MOLTEN ZINC, PRODUCING A CONTINUOUS COATING OF UNIFORM THICKNESS OF WEIGHT REQUIRED BY THE REFERENCED SPECIFICATIONS.
  - GALVANIZING PROCESS SHALL INCLUDE NOT LESS THAN FOUR IMMERSIONS IN COPPER SULFATE IN CONFORMANCE WITH ASTM A239. MINIMUM ACCEPTABLE WEIGHT OF COATING SHALL BE 1.25 OUNCES PER SQUARE FOOT OF SURFACE AS PER ASTM A90
  - GALVANIZED ITEMS SHALL BE TAGGED TO INCLUDE THE NAME OF GALVANIZER, THE WEIGHT OF THE COATING, AND APPLICABLE ASTM COMPLIANCE.
  - AT LOCATIONS WHERE GALVANIZED STEEL IS FIELD CUT AND AT OTHER LOCATIONS WHERE GALVANIZED COATING IS REMOVED, THE STEEL SURFACE SHALL BE TOUCHED UP WITH A ZINC RICH PAINT MEETING ASTM A780 AND CONTAINING A MINIMUM OF 65% ZINC. THE MINIMUM ACCEPTABLE WEIGHT OF COATING SHALL BE 1.25 OUNCES PER SQUARE FOOT OF SURFACE AS PER ASTM A90.
  - IF GALVANIZED STEEL IS TO BE PAINTED, THE GALVANIZED STEEL SHALL NOT BE QUENCHED. IT SHALL BE PHOSPHATIZED, AND PREPARED FOR PAINTING PER ASTM D6386. IT SHALL BE PRIME PAINTED, COMPATIBLE WITH THE FINISH PAINTS SPECIFIED.

**ABBREVIATIONS**

&	AND	MAX	MAXIMUM
⊕	AT	MECH	MECHANICAL
%	PERCENT(AGE)	MIN	MINIMUM
±	PLUS OR MINUS	OC	ON CENTER
ACI	AMERICAN CONCRETE INSTITUTE	OD	OUTSIDE DIAMETER
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	OCW	ON CENTER EACH WAY
BOT	BOTTOM	PL	PLATE
CIP	CAST-IN-PLACE	PLF	POUND(S) PER LINEAR FOOT
CLR	CLEAR	PSF	POUND(S) PER SQUARE FOOT
CONC	CONCRETE	PSI	POUND(S) PER SQUARE INCH
DIA	DIAMETER	REF	REFERENCE
DWGS	DRAWINGS	SEOR	STRUCTURAL ENGINEER OF RECORD
EL	ELEVATION	SS	STAINLESS STEEL
EMBED	EMBEDMENT	T&B	TOP AND BOTTOM
EXG	EXISTING	TYP	TYPICAL
FT	FOOT / FEET	UNO	UNLESS NOTIFIED OTHERWISE
FV	FIELD VERIFY	W/	WITH
FL	FIELD LOCATE		
IN	INCH(ES)		



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**ISSUE FOR BID**

CLIENT INFO:  
 TOWN OF SUDBURY  
 MASSACHUSETTS  
 WAYSIDE BRIDGE REPAIRS

REV	MM/DD/YY	DESCRIPTION
1	04/29/24	UPDATED VENEER DESIGN AND NEW ELEVATION
0	04/10/24	ISSUE FOR BID

JOB NO: 0227202.11  
 DATE: APRIL 2024  
 SCALE: AS NOTED  
 DESIGNED BY: CSB  
 DRAWN BY: CSB  
 CHECKED BY: TJS/JPS  
 FILENAME: 0227202.08\_S-103.dwg

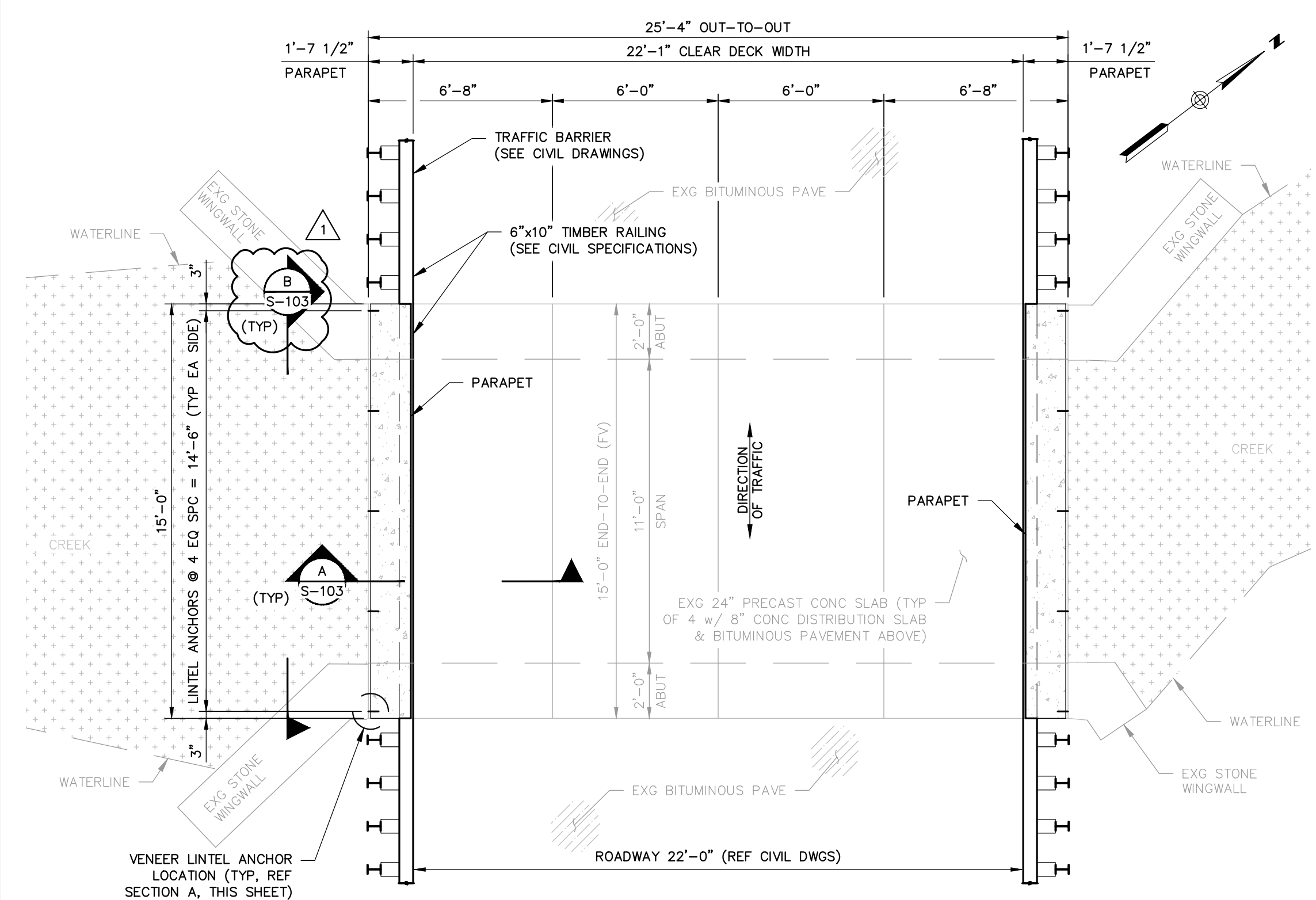
**STRUCTURAL WAYSIDE INN BRIDGE REPAIR PLAN & SECTION**

DRAWING NO:  
**S-103**

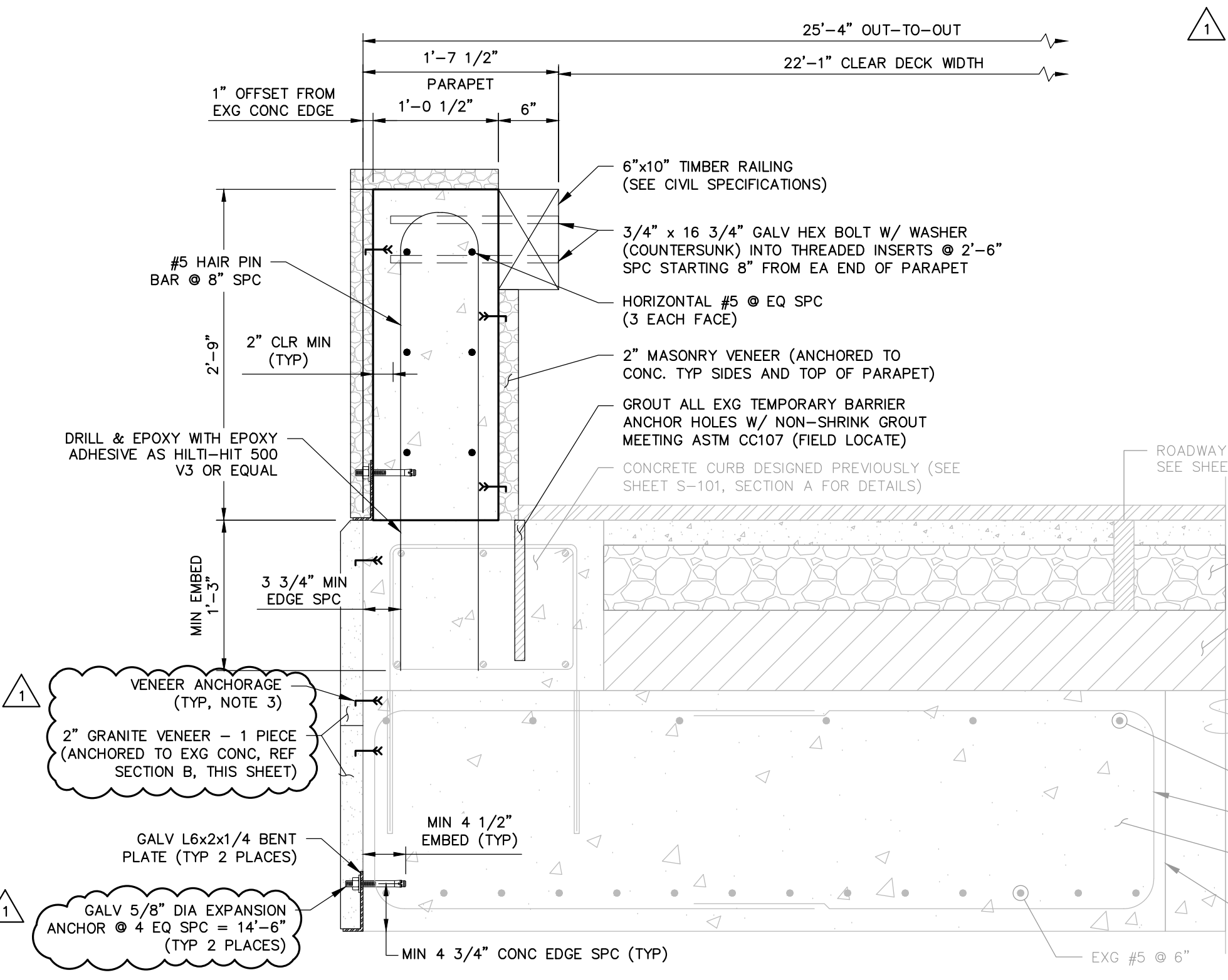




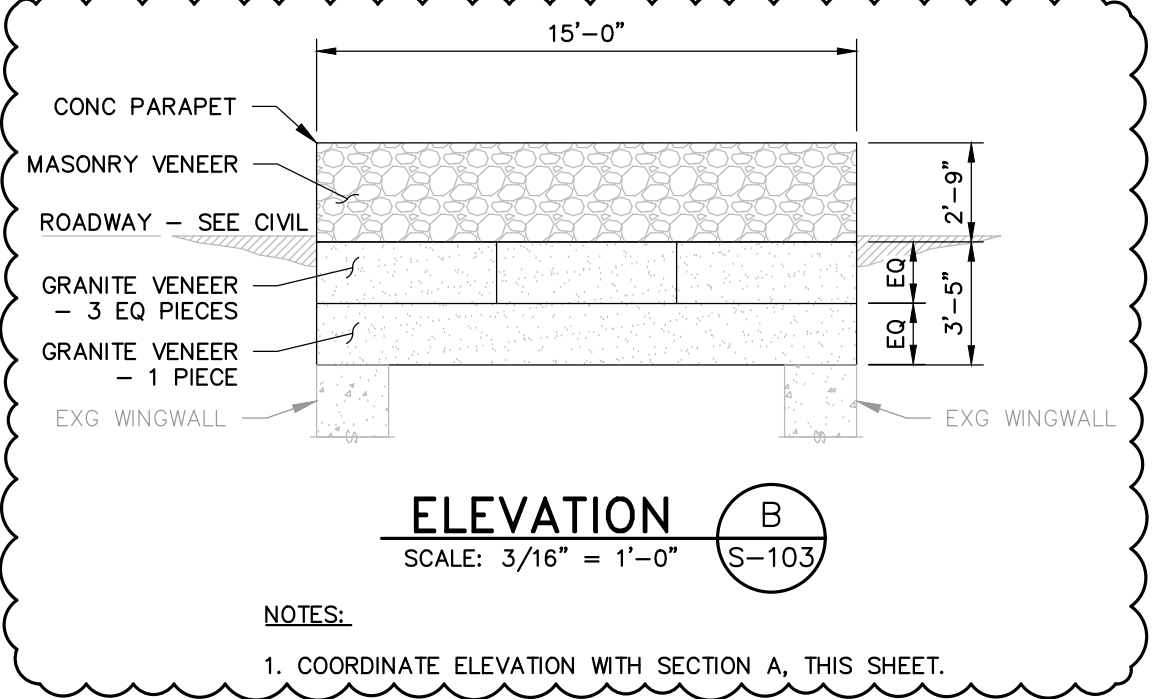
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**WAYSIDE INN BRIDGE PLAN**  
SCALE: 1/4" = 1'-0"



**PERMANENT BRIDGE PARAPET**  
SCALE: 1" = 1'-0"



**ELEVATION B**  
SCALE: 3/16" = 1'-0"

- NOTES:**
- CONTRACTOR SHALL NOT DAMAGE OR DRILL THROUGH EXISTING REBAR. RELOCATE DOWELING AS REQUIRED TO AVOID REBAR.
  - EXISTING CONCRETE ASSUMED IN GOOD CONDITION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL VERIFY CONDITION OF EXISTING CONCRETE WHERE VENEER WILL BE LOCATED. ANY EXPOSED REINFORCING, SPALLED CONCRETE, OR OTHERWISE UNSOUND CONCRETE SHALL BE IMMEDIATELY BROUGHT TO THE ENGINEER'S ATTENTION BEFORE STARTING CONSTRUCTION.
  - VENEER ANCHORAGE SHOWN AS CONCEPTUAL ONLY. FINAL VENEER ANCHORAGE SHALL BE BY CONTRACTOR.

**GENERAL NOTES**

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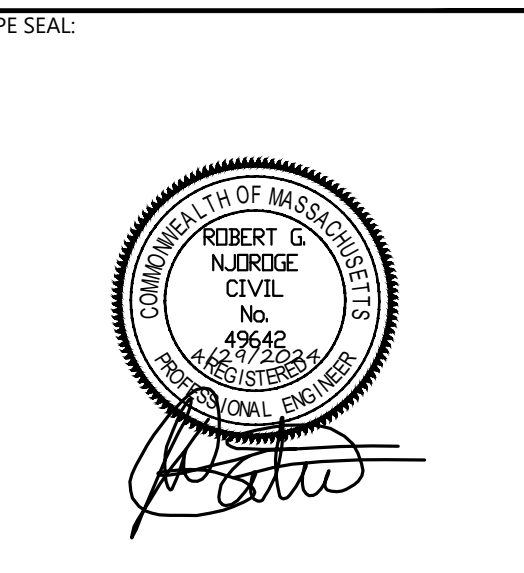
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  - FIELD CUTTING OR DRILLING IN STRUCTURAL MEMBERS IS PROHIBITED, UNLESS PREVIOUSLY APPROVED BY THE STRUCTURAL STRUCTURAL ENGINEER-OF-RECORD.
- G. STRUCTURAL STEEL GALVANIZING**
- ALL STRUCTURAL STEEL, INCLUDING BOLTS AND CONNECTION ITEMS, SHALL BE GALVANIZED.
  - ALL ITEMS SPECIFIED AS GALVANIZED SHALL BE COATED BY THE HOT-DIP PROCESS IN ACCORDANCE WITH ASTM A123 OR ASTM A153, IN MOLTEN ZINC, PRODUCING A CONTINUOUS COATING OF UNIFORM THICKNESS OF WEIGHT REQUIRED BY THE REFERENCED SPECIFICATIONS.
  - GALVANIZING PROCESS SHALL INCLUDE NOT LESS THAN FOUR IMMERSIONS IN COPPER SULFATE IN CONFORMANCE WITH ASTM A239. MINIMUM ACCEPTABLE WEIGHT OF COATING SHALL BE 1.25 OUNCES PER SQUARE FOOT OF SURFACE AS PER ASTM A90
  - GALVANIZED ITEMS SHALL BE TAGGED TO INCLUDE THE NAME OF GALVANIZER, THE WEIGHT OF THE COATING, AND APPLICABLE ASTM COMPLIANCE.
  - AT LOCATIONS WHERE GALVANIZED STEEL IS FIELD CUT AND AT OTHER LOCATIONS WHERE GALVANIZED COATING IS REMOVED, THE STEEL SURFACE SHALL BE TOUCHED UP WITH A ZINC RICH PAINT MEETING ASTM A780 AND CONTAINING A MINIMUM OF 65% ZINC. THE MINIMUM ACCEPTABLE WEIGHT OF COATING SHALL BE 1.25 OUNCES PER SQUARE FOOT OF SURFACE AS PER ASTM A90.
  - IF GALVANIZED STEEL IS TO BE PAINTED, THE GALVANIZED STEEL SHALL NOT BE QUENCHED. IT SHALL BE PHOSPHATIZED, AND PREPARED FOR PAINTING PER ASTM D6386. IT SHALL BE PRIME PAINTED, COMPATIBLE WITH THE FINISH PAINTS SPECIFIED.

**ABBREVIATIONS**

&	AND	MAX	MAXIMUM
⊕	AT	MECH	MECHANICAL
%	PERCENT(AGE)	MIN	MINIMUM
±	PLUS OR MINUS	OC	ON CENTER
ACI	AMERICAN CONCRETE INSTITUTE	OD	OUTSIDE DIAMETER
ASTM	AMERICAN SOCIETY OF TESTING MATERIALS	OCW	ON CENTER EACH WAY
BOT	BOTTOM	PL	PLATE
CIP	CAST-IN-PLACE	PLF	POUND(S) PER LINEAR FOOT
CLR	CLEAR	PSF	POUND(S) PER SQUARE FOOT
CONC	CONCRETE	PSI	POUND(S) PER SQUARE INCH
DIA	DIAMETER	REF	REFERENCE
DWGS	DRAWINGS	SEOR	STRUCTURAL ENGINEER OF RECORD
EL	ELEVATION	SS	STAINLESS STEEL
EMBED	EMBEDMENT	T&B	TOP AND BOTTOM
EXG	EXISTING	TYP	TYPICAL
FT	FOOT / FEET	UNO	UNLESS NOTIFIED OTHERWISE
FV	FIELD VERIFY	W/	WITH
FL	FIELD LOCATE		
IN	INCH(ES)		



**ISSUE FOR BID**

CLIENT INFO:  
**TOWN OF SUDBURY MASSACHUSETTS**  
**WAYSIDE BRIDGE REPAIRS**

REV	MM/DD/YY	DESCRIPTION
1	04/29/24	UPDATED VENEER DESIGN AND NEW ELEVATION
0	04/10/24	ISSUE FOR BID

JOB NO: 0227202.11  
DATE: APRIL 2024  
SCALE: AS NOTED  
DESIGNED BY: CSB  
DRAWN BY: CSB  
CHECKED BY: TJS/JPS  
FILENAME: 0227202.08\_S-103.dwg

**STRUCTURAL**  
**WAYSIDE INN BRIDGE REPAIR**  
**PLAN & SECTION**

DRAWING NO:  
**S-103**