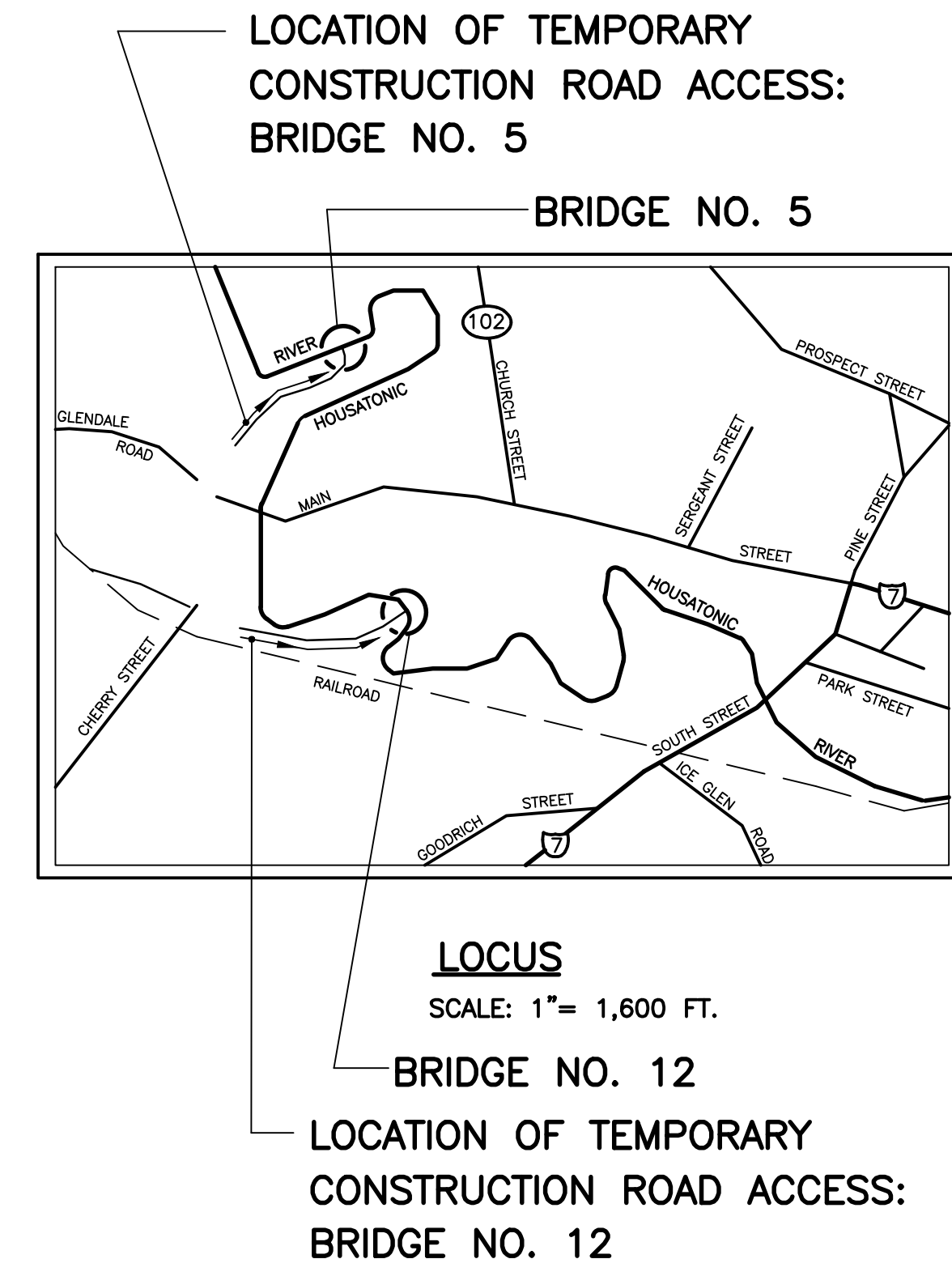


BRIDGE NO. 12 ELEVATION: LOOKING DOWNSTREAM
 (BRIDGE NO. 5 SIMILAR—NOT SHOWN)
 SCALE: 3/32" = 1'-0"

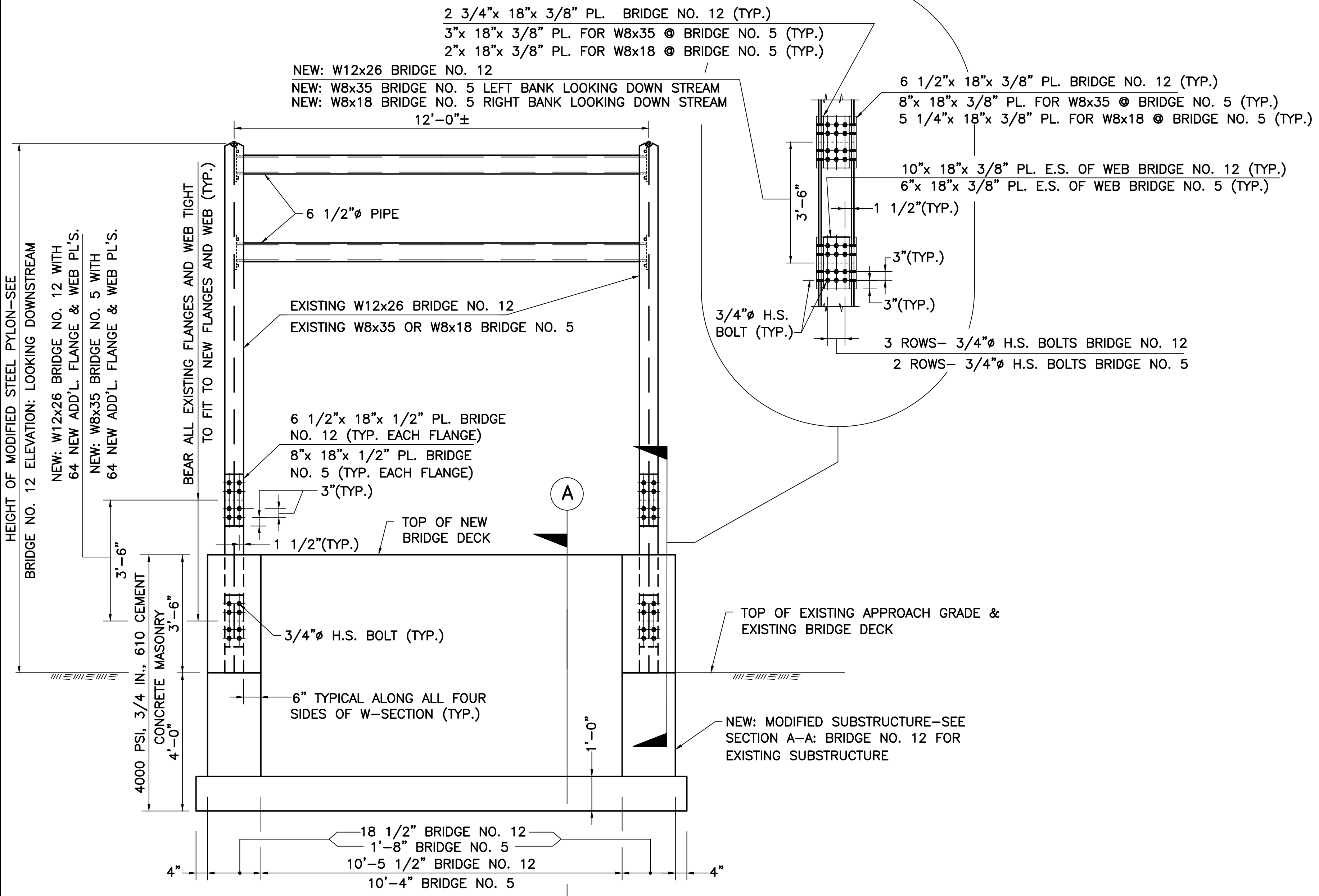
NOTE:
 APPROXIMATE LENGTHS OF SUSPENSION CABLES BETWEEN PYLONS IS 132.3' ±
 FOR BRIDGE NO. 12 AND 130.7' ± FOR BRIDGE NO. 5.



LOCATION OF TEMPORARY
 CONSTRUCTION ROAD ACCESS:
 BRIDGE NO. 5

LOCUS
 SCALE: 1" = 1,600 FT.

LOCATION OF TEMPORARY
 CONSTRUCTION ROAD ACCESS:
 BRIDGE NO. 12



TYPICAL CROSS SECTION: BRIDGE NO. 12
 (BRIDGE NO. 5 SIMILAR—NOT SHOWN)
 SCALE: 1/2" = 1'-0"

GENERAL
 WORK PERFORMED AND MATERIALS TO BE PROVIDED AS SPECIFIED HEREIN SHALL CONFORM TO AND BE INSTALLED ACCORDING TO THE COMMONWEALTH OF MASSACHUSETTS HIGHWAY DEPARTMENT (MHD), "STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES"

DESIGN
 IN ACCORDANCE WITH THE 1996 SPECIFICATIONS OF THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS WITH CURRENT INTERIM SPECIFICATIONS THROUGH 1998, FOR H-10 LOADING.

EXISTING CONSTRUCTION
 DIMENSIONS SHOWN ON EXISTING STRUCTURE AND RELATED DETAILS WERE TAKEN AT THE TIME OF FIELD INSPECTION AND SURVEY AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL DETERMINE AND ESTABLISH ALL DIMENSIONS AND EXISTING DETAILS NECESSARY FOR COMPLETION OF ALL WORK BY FIELD SURVEY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ADEQUACY AND ACCURACY THEREOF, AND SHALL NOT ORDER ANY MATERIAL OR COMMENCE ANY FABRICATION UNTIL THE CONTRACTOR HAS MADE THE REQUIRED MEASUREMENTS ON THE EXISTING STRUCTURE AND THE EXTENT OF THE PROPOSED WORK HAS BEEN APPROVED BY THE ENGINEER.

EXISTING PLANS
 EXISTING PLANS ARE NOT AVAILABLE.

FOUNDATIONS
 MAY BE ALTERED, IF NECESSARY, TO SUIT CONDITIONS ENCOUNTERED IN CONSTRUCTION WITH APPROVAL OF THE ENGINEER.

UNSUITABLE MATERIAL
 ALL UNSUITABLE MATERIAL SHALL BE REMOVED WITHIN THE LIMITS OF THE FOUNDATION OF THE STRUCTURE, AS DIRECTED BY THE ENGINEER.

REINFORCEMENT
 REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF A.S.T.M. A615 GRADE 60. UNLESS OTHERWISE SHOWN ON THE PLANS, ALL #4 BARS SHALL BE LAPPED 24" AND ALL #5 BARS SHALL BE LAPPED 30". FOR HORIZONTAL BARS WITH 12" OR MORE OF CONCRETE BELOW THE BAR THE LAP LENGTHS SHALL BE 33" FOR #4 BARS AND 42" FOR #5 BARS. IF THE ABOVE BARS ARE SPACED 6" OR MORE ON CENTER, THE LAP LENGTH SHALL BE 80% OF THE LAP LENGTH GIVEN ABOVE. ALL OTHER BARS SHALL BE LAPPED AS SHOWN ON THE PLANS. ALL BARS SHALL BE EPOXY COATED, UNLESS OTHERWISE NOTED.

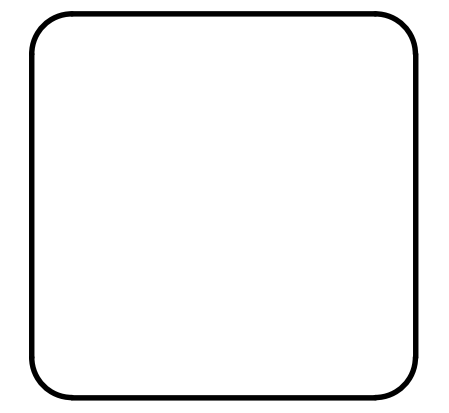
CEMENT SHALL CONFORM TO AASHTO DESIGNATION M85.

STRUCTURAL STEEL
 STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A 36. BOLTS SHALL BE 3/4" A.S.T.M. A-325 TYPE 3 IN 13/16" HOLES, UNLESS OTHERWISE NOTED. PAINT EXISTING AND NEW STEEL WITH A TWO COAT PAINT SYSTEM AS FOLLOWS: PRIMER COAT—MOISTURE CURED URETHANE: 6 MILS. DFT. UNDER A EPOXY GREEN COLOR COAT: 3 MILS. DFT. ALL PAINT SHALL BE MANUF. BY TNEDEC COMPANY, INC., MO. ALL EXISTING AND NEW STEEL SURFACES SHALL BE SHOP CLEANED AND PAINTED. ALL SHOP PREPARED AND CLEANED SURFACES SHALL CONFORM TO SSPC-SP6, REMOVAL OF ALL VISIBLE SURFACE MATERIAL AND MOST STAINS AS SPECIFIED IN THE STEEL STRUCTURES PAINTING MANUAL. ALL PAINT COATINGS SHALL BE SHOP APPLIED AS PER MANUF. SPECIFICATIONS.

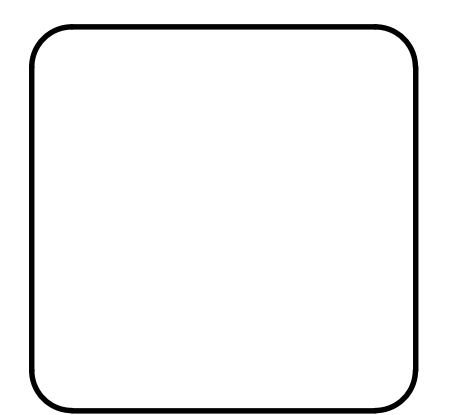
EXISTING CONDITIONS
 AFTER THE REMOVAL OF EACH EXISTING BRIDGE SUPERSTRUCTURE INCLUDING APPLICABLE APPROACH SPANS AND PRIOR TO CONSTRUCTION AS SPECIFIED HEREIN THE CONTRACTOR SHALL EXCAVATE AND EXPOSE EACH EXISTING CONCRETE DEAD MAN DOWN TO THE BOTTOM (BASE) OF EACH DEAD MAN AS DIRECTED BY THE ENGINEER AND ALL EIGHT EXISTING CONCRETE ANCHOR EMBEDMENTS.

MAIN WIRE ROPE SUSPENSION CABLE
 NEW 1 3/4" WIRE ROPE SHALL BE 6x19 PRESTRETCHED GALVANIZED WITH A HARD (NON-JUTE) FIBER CORE CONSISTING OF IMPROVED FLOW STEEL WITH A MINIMUM BREAKING STRENGTH OF 306,000 LBS. SHALL BE USED FOR THE MAIN SUSPENSION CABLE. FABRICATION AND CONSTRUCTION OF THE MAIN SUSPENSION CABLE SHALL CONFORM TO SECTION 2. WIRE ROPES AND SOCKETS OF THE AASHTO "STANDARD SPECIFICATIONS FOR MOVABLE HIGHWAY BRIDGES".

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Stockbridge Golf Club
 Stockbridge, MA
 Sheet 2 of 3 Sheets
JDB Consulting Engineers
 835 Samsot Rd., Eastham, MA 02642



**Replacement & Restoration
 of Bridge Nos. 5 & 12
 over Housatonic River**

