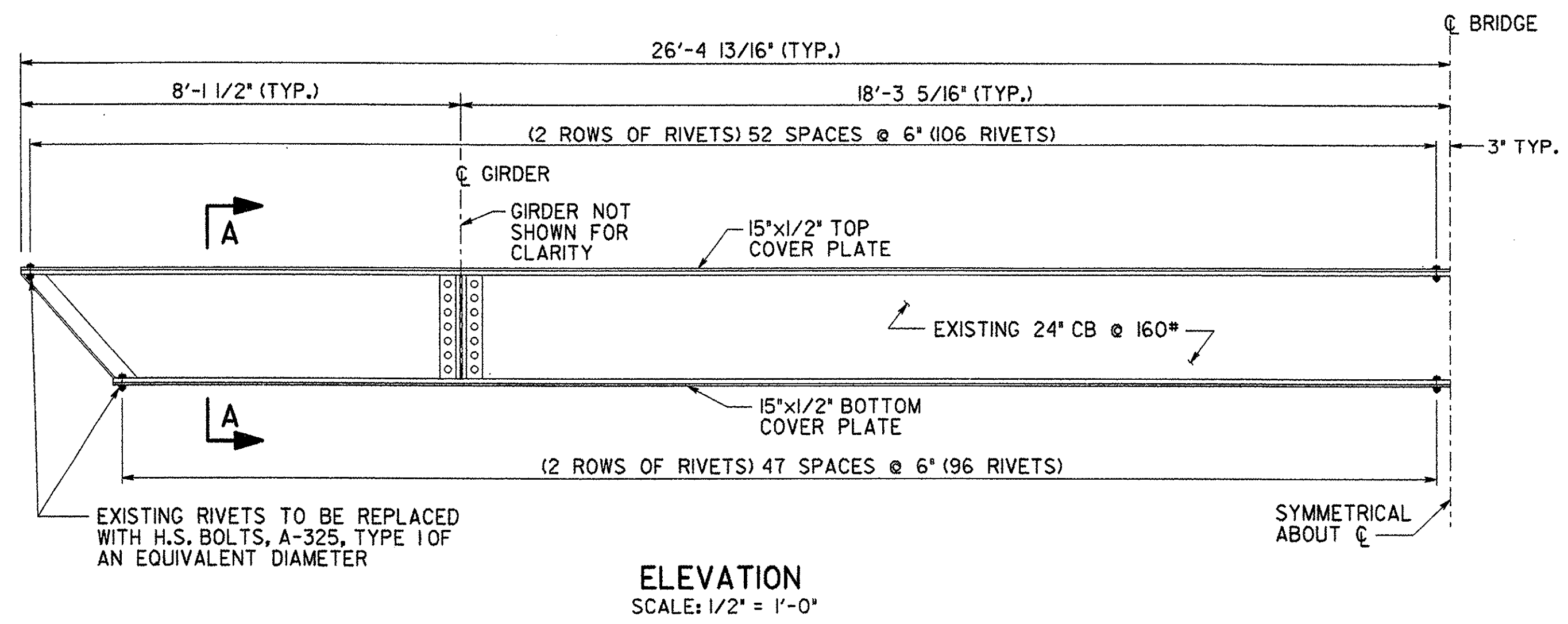
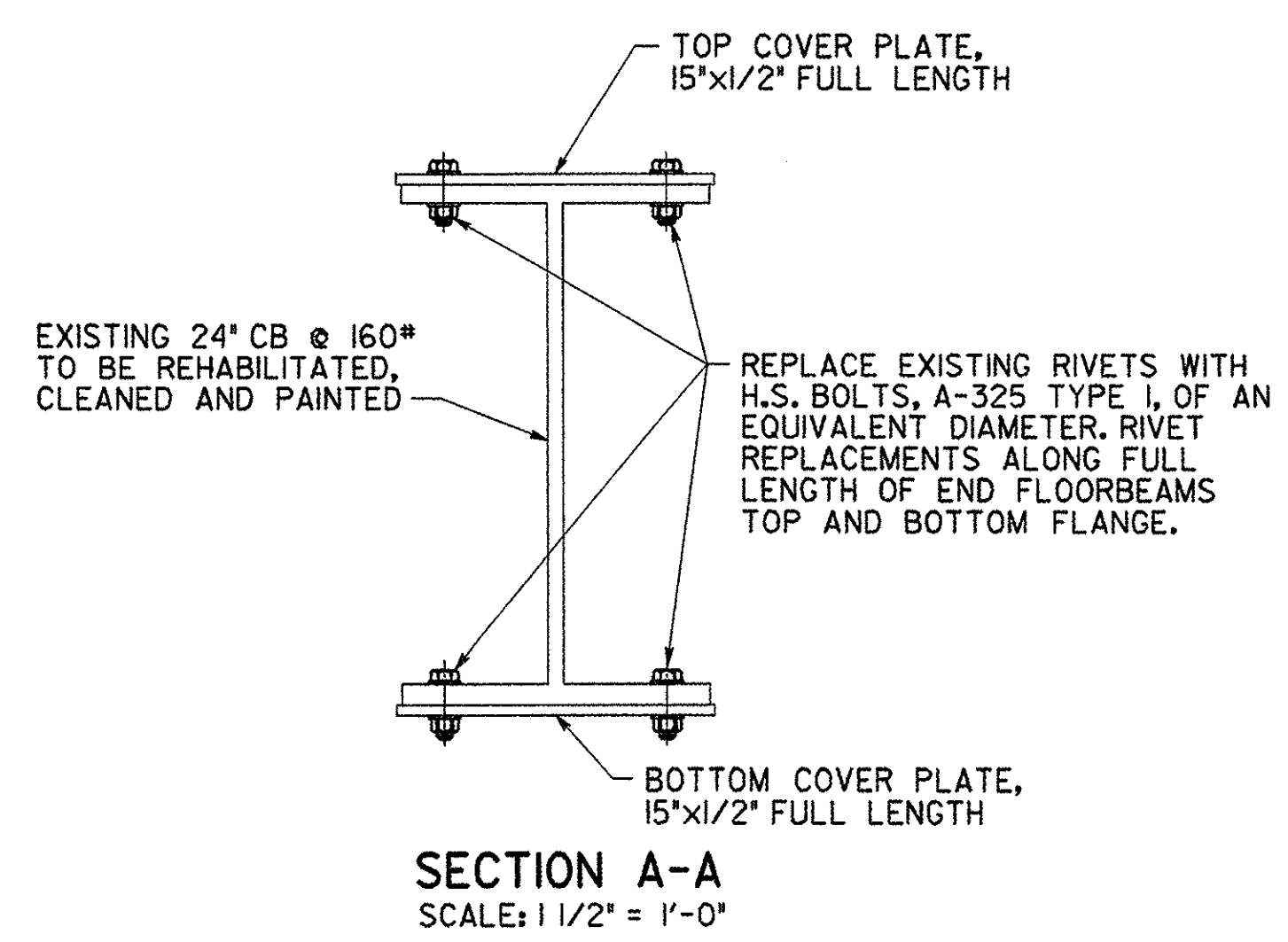
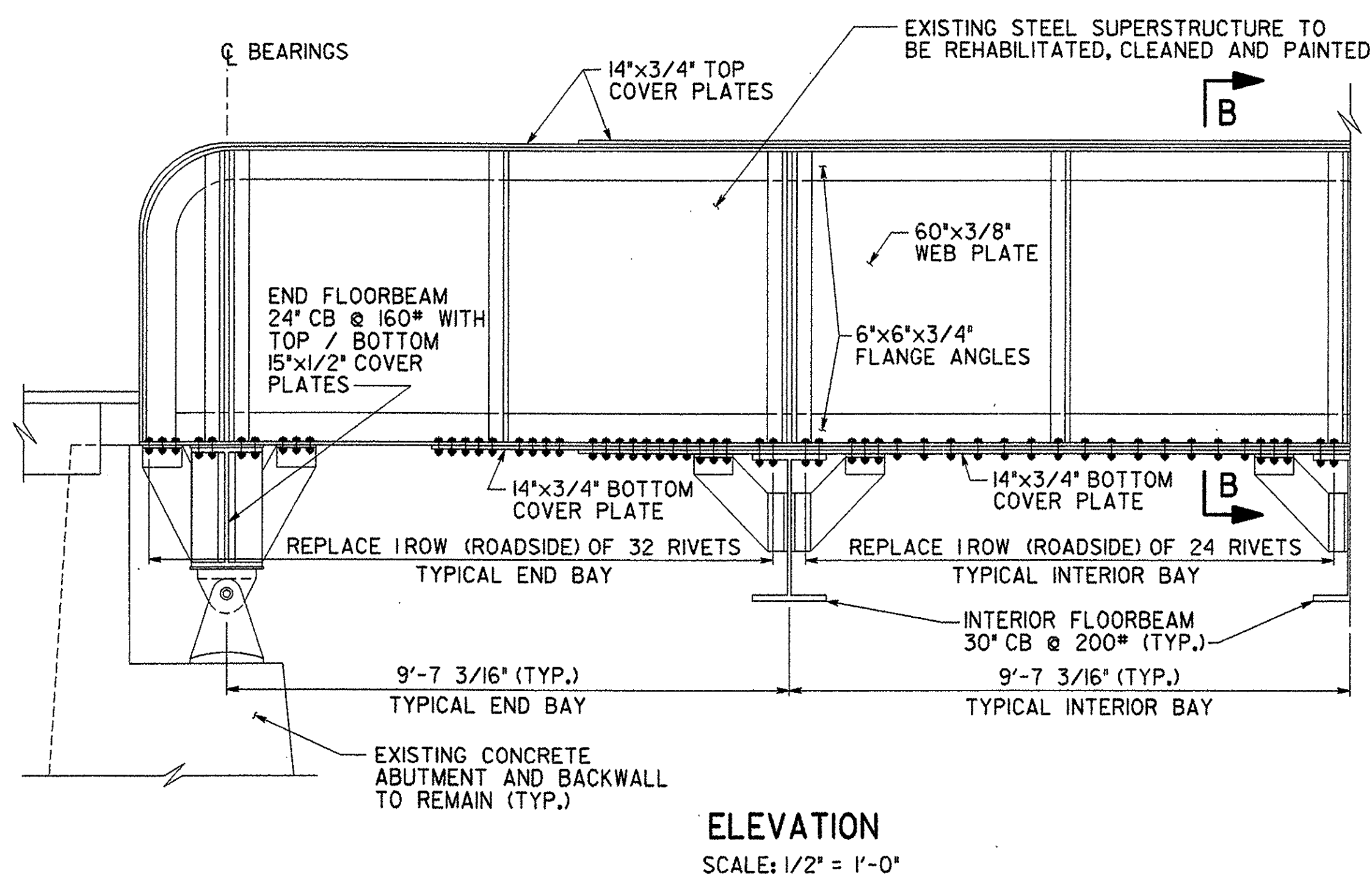
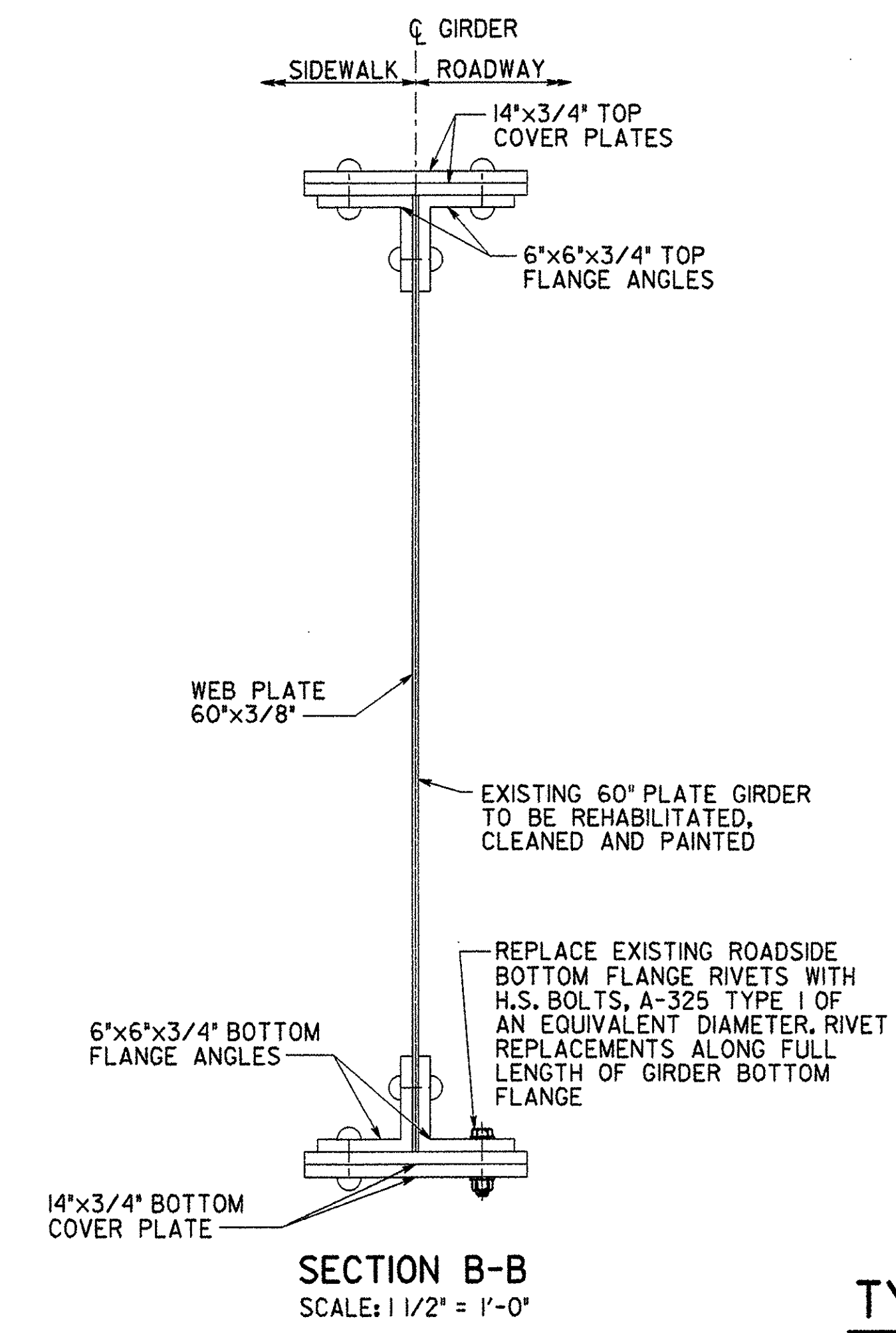


IN CHARGE OF J. STEVENS
 DESIGNED BY J. RIZZO
 DRAFTED BY K. COLE
 CHECKED BY M. BORGEL
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**TYPICAL END FLOORBEAM
RIVET REPLACEMENTS**



**TYPICAL PLATE GIRDER
RIVET REPLACEMENTS**

RIVET REPLACEMENTS		
LOCATION	FLANGE	QUANTITY
WEST GIRDER	BOTTOM	136
EAST GIRDER	BOTTOM	136
NORTH END FLOORBEAM	TOP	212
NORTH END FLOORBEAM	BOTTOM	192
SOUTH END FLOORBEAM	TOP	212
SOUTH END FLOORBEAM	BOTTOM	192

NOTES:

- RIVET REPLACEMENTS TO THE WEST GIRDER AND THE WEST HALF OF THE END FLOOR BEAMS SHALL OCCUR DURING STAGE 1 AFTER THE REMOVAL OF THE EXISTING CONCRETE DECK AND SIDEWALK.
- RIVET REPLACEMENTS TO THE EAST GIRDER AND THE EAST HALF OF THE END FLOOR BEAMS SHALL OCCUR DURING STAGE 2 AFTER THE REMOVAL OF THE EXISTING CONCRETE DECK AND SIDEWALK.
- ALL RIVETS AS DETAILED IN THE PLANS SHALL BE REPLACED WITH H.S. BOLTS, A-325 TYPE 1 OF EQUAL DIAMETER. NEW H.S. BOLTS SHALL BE PAID FOR UNDER ITEM 506.60, STRUCTURAL STEEL (BOLTS).
- ALL RIVET REPLACEMENT LOCATIONS, IN ACCORDANCE WITH THE PLANS OR FIELD DISCOVERED AFTER BLASTING AND CLEANING, SHALL BE APPROVED AND RECORDED BY THE ENGINEER PRIOR TO ANY ATTEMPT OF RIVET REMOVAL BY THE CONTRACTOR.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS SO AS TO NOT DAMAGE EXISTING STEEL TO REMAIN IN PLACE. IF THE CONTRACTOR'S OPERATIONS DAMAGE THE EXISTING STEEL THAT IS TO REMAIN, THE DAMAGED AREAS SHALL BE REPAIRED AND/OR REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND CODES FOR STRUCTURAL STEEL, SECTION 506 OF THE STANDARD SPECIFICATIONS. ALL STEEL REPAIRS ARE SUBJECT TO THE APPROVAL OF THE RESIDENT ENGINEER.
- RIVET REMOVAL AND REPLACEMENT SHALL OCCUR ONE RIVET AT A TIME OR AS ORDERED BY THE ENGINEER. COSTS FOR REMOVAL OF EXISTING RIVETS OR FASTENERS SHALL BE SUBSIDIARY TO ITEM 506.60, STRUCTURAL STEEL, (BOLTS).
- QUANTITIES OF RIVET REPLACEMENTS SHOWN ARE APPROXIMATE AND ARE FOR ESTIMATING PURPOSES ONLY. ACTUAL QUANTITIES SHALL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER.
- THE ENGINEER SHALL INSPECT ALL SUPERSTRUCTURE STEEL AFTER REMOVAL OF THE EXISTING PAINT SYSTEM TO DETERMINE AREAS OF NECESSARY STRUCTURAL REPAIRS, ITEM 506.60-MOD, STRUCTURAL STEEL (REPAIR PLATE).
- FOR FRAMING PLAN SEE DWG. FP-1.

PROJECT NO. THI-9914

BHF 1000 (17)S

Greenman-Pederson
CONSULTING ENGINEERS
GPI
55 Monument Ave.
Bennington, VT. 05201

BENNINGTON BRIDGE #10 (U.S. ROUTE 7)
OVER THE WALLOOMSAC RIVER

STEEL REPAIRS

DRAWING NO. SR-1	SCALE: AS SHOWN	DATE: DEC ., 1999	SHEET NO. 7 OF 20
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