

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS

- 1). ALL MATERIAL AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 1990 WITH LATEST REVISIONS AND THE SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS

- 1). AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O) STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 1996 EDITION WITH LATEST REVISIONS.

MATERIAL SPECIFICATIONS

- 1). UNLESS NOTED, ALL STEEL TO BE AASHTO M270 GRADE 50W (ASTM A709-50W).
- 2). HIGH STRENGTH BOLTS: AASHTO M164 (ASTM A325) 7/8" DIA. TYPE 3 BOLTS SHALL BE USED FOR UNPAINTED CONNECTIONS. TYPE 1 (GALV.) BOLTS SHALL BE USED FOR PAINTED CONNECTIONS.
- 3). ALL MAIN MEMBERS SUBJECT TO TENSION AND REVERSAL OF STRESS SHALL BE CHARPY V NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS. DRAWINGS SHALL CALL OUT "H2-3" FOR EACH APPLICABLE ITEM IN THE BILLS OF MATERIAL.
- 4). "BUY AMERICA" PROVISIONS OF VERMONT SPEC. 107.22. AS MODIFIED IN SPECIAL PROVISIONS ITEM 51 (DATED 2-8-93)

FABRICATION

- 1). ALL HOLES SHALL BE PUNCHED OR DRILLED FULL SIZE (UN). HOLES NOTED "DA" SHALL BE DRILLED DURING ASSEMBLY WITH PARTS ASSEMBLED.
- 2). STUDS ARE FURNISHED AND FIELD APPLIED BY OTHERS.

WELDING

- 1). THE CONFIGURATION OF THE WELD JOINTS AND ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH AASHTO/AWS D1.5-96 BRIDGE WELDING CODE AND IN ADDITION TO SPECIFICATIONS SHOWN ABOVE. ALL WELDING WILL BE DETAILED TO PRE-QUALIFIED JOINTS, UNLESS PROHIBITED BY THE DESIGNER.
- 2). WELDING OF MAIN LOAD CARRYING MEMBERS AND ATTACHMENTS SHALL BE PERFORMED USING THE AUTOMATIC SUBMERGED ARC & SHIELDED METAL ARC PROCESSES. ALL WELDS ARE CONTINUOUS U.N.
- 3). NON DESTRUCTIVE TESTING OF WELDS SHALL BE IN ACCORDANCE WITH THE REFERENCED SPECIFICATION.

CLEANING:

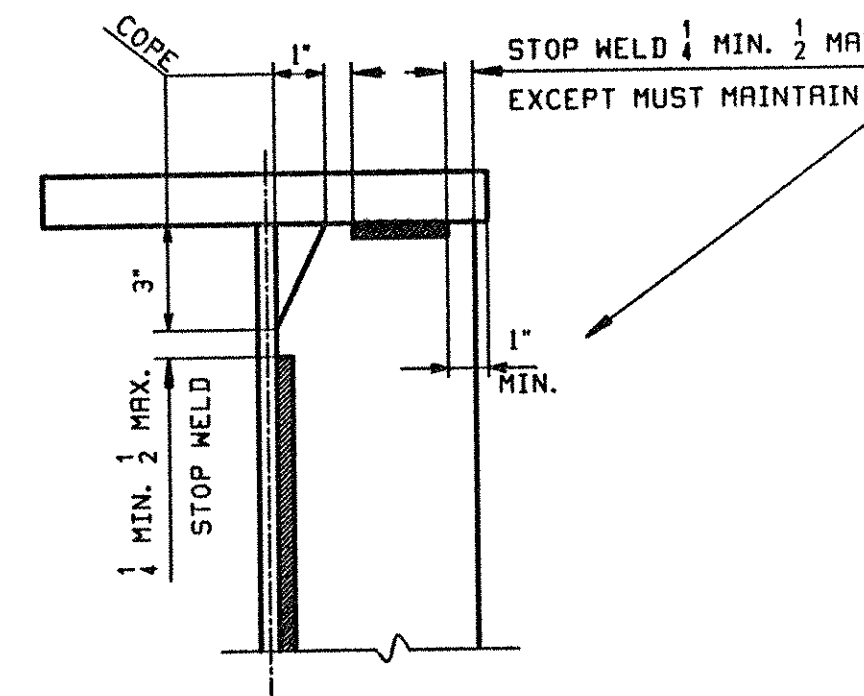
- 1). ALL STEEL SHALL BE BLAST CLEANED AS PER SSPC SP-10 PER SPEC. 506.14(a)
- 2). 1/16" RADIUS ON ALL EDGES OF PAINTED SURFACES.

PAINTING

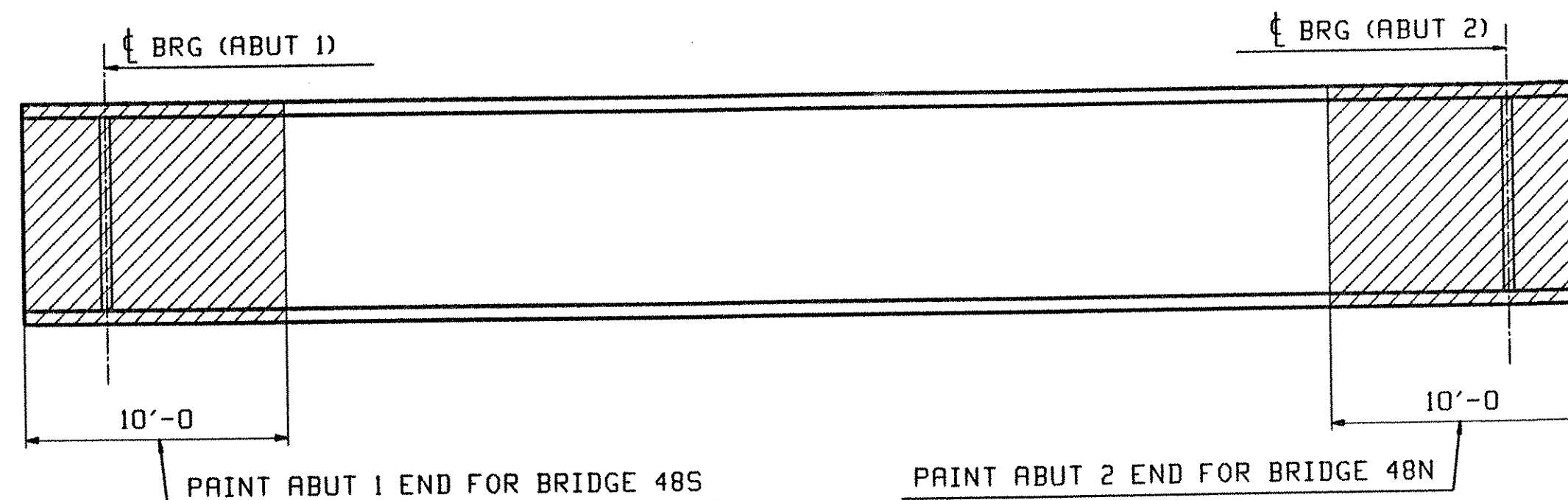
- 1). ALL STEEL COMPONENTS WITHIN 10'-0 OF END OF GIRDERS AS SHOWN IN SKETCH "PI" SHALL BE COATED WITH THE PROTECTIVE SYSTEM ACCORDING TO SECTION 513 OF THE SPECIFICATION. THE PAINT COLOR SHALL BE BROWN. PAINT SYSTEM MUST BE SYSTEM LISTED ON THE QUALIFIED PRODUCT LIST SECTION 513.02 BROWN COLOR CHIP #20059.

FIELD CONNECTIONS

- 1). ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" (22mm) DIAMETER HIGH STRENGTH A-325 BOLTS, INSTALLED PER 506.19(c) AND SPECIAL PROVISIONS.
- 2). BOLTS SHALL HAVE HEAVY HEX NUT, HEX HEAD, & ONE FLAT WASHER EACH (WASHER TO BE PLACED UNDER TURNED ELEMENT).
- 3). PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.



DETAIL "WS1"



PAINT SKETCH "PI"

NOTE TO ENGINEER:
THESE NOTES ARE NOT INTENDED TO BE ALL INCLUSIVE AND COMPLIANCE WITH RELEVANT SPECIFICATIONS REMAIN UNCHANGED.

OUT FOR APPROVAL	3/13/01																		
OUT FOR APPROVAL																			
ISSUED TO SHOP																			
FIELD & OFFICE																			
REV.	REMARKS	DATE	DWN	CHK	APP	Q.R.	NO.	DIA.	LGT	TYPE	WASHER								
MATERIAL:	ELECTRODES:	HOLES:									SHOP BOLTS:								
M270 GR 50W		15/16 Ø (UN)									7/8 Ø (UN)								
SURFACE PREP. & PAINT:																			
-STEEL WITHIN 10'-0 OF ABUT 1 SHALL BE PAINTED (SEE GN301)																			
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.																			
DESCRIPTION: GENERAL NOTES (BRIDGE 48S & 48N)												DRAWN BY	DATE						
JOB: BRIDGE NO. 48S & 48N												WL	02/21						
I-89 SB OVER LITTLE RIVER												CHKD BY							
I-89 IMPROVEMENTS												JAK	02/22						
TOWN OF MIDDLESEX-BOLTON, VERMONT												APPROV BY							
TENSOR 2107-5												SUPERVISOR	W. J. GATTI						
PROJ NO. IM-089-2(26)												Q.R.							
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION																			
CASCO BAY STEEL STRUCTURES, INC.												JOB NO.	DRG. NO.						
75 SPRING HILL ROAD												118-488	GN301						
SACO, MAINE 04072												REV.	△						
PHONE (207) 282-7360																			
FAX. (207) 282-1179																			

TVGA
Engineering, Surveying, P.C.

NO EXCEPTIONS TAKEN REJECTED
 FURNISH AS CORRECTED
 REVISE AND RESUBMIT

ENGINEER has reviewed these Drawings and Samples and other data which Contractor is required to submit, fully for conformance with the information given in the Contract Documents and accepts responsibility with the exception of the Contract Documents, which require the Contractor to ensure, methods, techniques, sequences or procedures of construction or to safely execute and prevent accident damage. Contractor is responsible for compliance to the confirmed and completed as the job site for information that remains solely the Contractor's responsibility or to changes of construction, and for coordination of the work of all trades.

BY: *W. J. Gatti*
DATE: 4/9/01