

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 2006 WITH LATEST REVISIONS AND THE SPECIAL PROVISIONS.

MATERIAL SPECIFICATIONS

- 1). UNLESS OTHERWISE NOTED, ALL STEEL TO BE AASHTO M270M/M270, GRADE 50W. (UNPAINTED EXCEPT AS NOTED IN DETAIL "P1")
- 2). MATERIAL NOTED "CVN" OR "H2-3" ON DETAIL DRAWINGS SHALL BE CHAPPY V-NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS SECTION 714.01.
- 3). HIGH STRENGTH BOLTS: AASHTO M164 7/8" DIAMETER (TYPE 3 AT UNPAINTED CONNECTIONS AND TYPE 1 GALV AT PAINTED & GALV. CONNECTIONS) IN 15/16" DIAMETER HOLES, UNLESS NOTED OTHERWISE. BOLTS & NUTS SHALL BE ROTATIONAL CAPACITY TESTED. DO NOT MIX NUTS & BOLTS FROM DIFFERENT CONTAINERS UNLESS ALL BOLTS & NUTS HAVE THE SAME LOT NUMBER.
- 4). UTILITY SUPPORTS SHALL BE A709-36 & HOT DIPPED GALVANIZED TO MEET ASTM A123.

FABRICATION

- 1). ALL HOLES SHALL BE PUNCHED OR DRILLED FULL SIZE (UN).

WELDING

- 1). THE CONFIGURATION OF THE WELD JOINTS AND ALL WELDING PROCEDURES SHALL BE IN ACCORDANCE WITH AASHTO/AWS D1.5-02 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.
- 4). SEE DETAIL "WS1" ON THIS DRAWING FOR WELD TERMINATION DETAIL.

CLEANING & PAINTING:

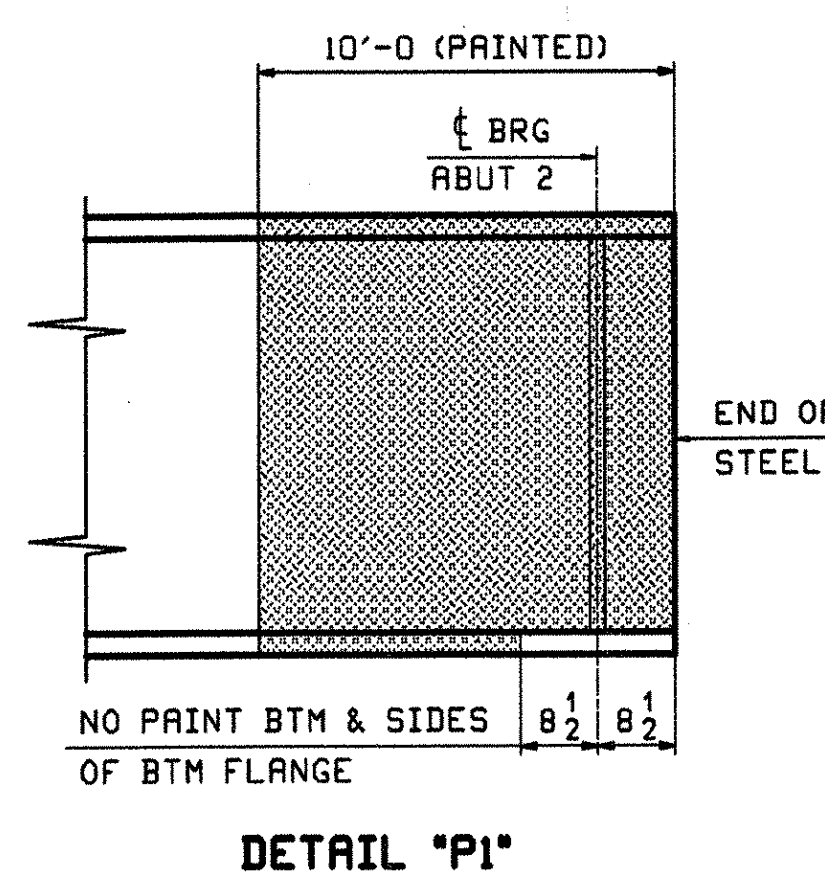
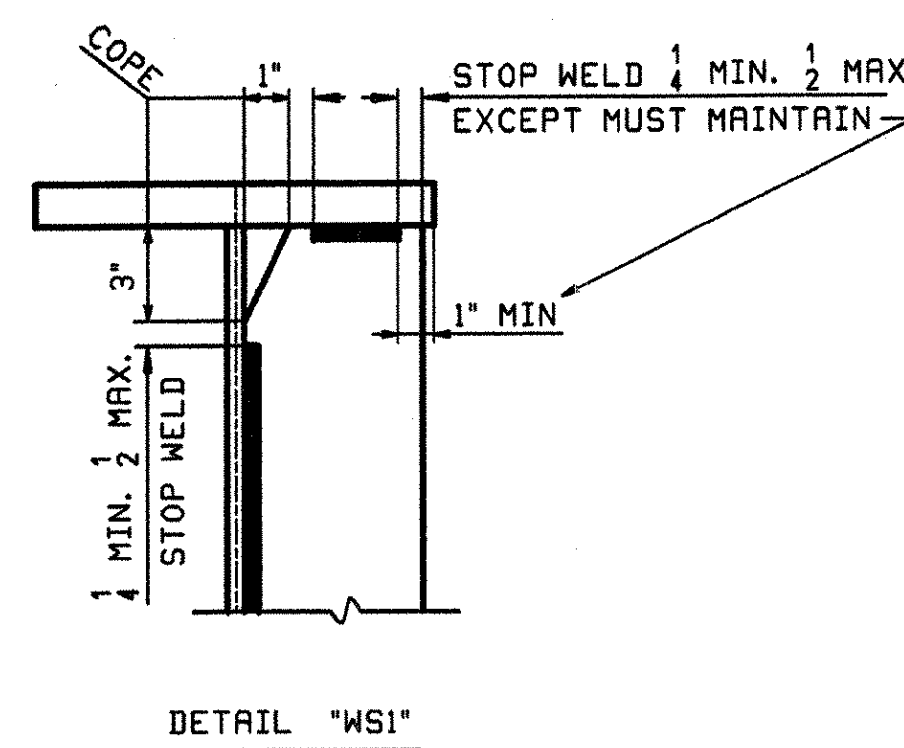
- 1). ALL STEEL SHALL BE BLAST CLEANED AS PER SSPC SP-10 PER SPEC. 506.14(a)
- 2). ALL STEEL SHALL BE UNPAINTED (EXCEPT THE END 10'-0 OF THE GIRDERS AND THE ABUTMENT DIAPHRAGMS AT THE EXPANSION END SHALL BE PAINTED WITH BROWN PAINT, CHIP #20059. (SEE DETAIL "P1")

3). PAINT SYSTEM:

MANUFACTURER: INTERNATION PAINT, INC.	DFT (MILS)	
	MIN.	MAX.
P INTERZINC 22HS INORGANIC ZINC SILICATE PRIMER	2.5	5.0
I INTERGARD 475HS EPOXY	4.0	8.0
T INTERHANE 870 POLYURETHANE	3.0	5.0

FIELD CONNECTIONS

- 1). ALL FIELD CONNECTIONS SHALL BE MADE WITH 7/8" DIAMETER HIGH STRENGTH AASHTO M164 BOLTS (UN), INSTALLED PER SECTION 506.19(c). SEE DWG E1 FOR FIELD BOLT SIZES.
- 2). BOLTS SHALL HAVE HEAVY HEX NUT, HEX HEAD, AND AT LEAST ONE FLAT WASHER EACH. WASHER TO BE PLACED UNDER TURNED ELEMENT.
- 3). PIECE MARKS WILL BE LOCATED AS SHOWN ON ERECTION DRAWINGS.



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

RECEIVED
 CRO BY: JCL OK'D BY: _____
 JUL 24 2007
 RESUBMIT APPROVED ✓
 BY: WJY DATE: 7/27/07

OUT FOR APPROVAL	6/14/07																		
OUT FOR APPROVAL	7/20/07																		
ISSUED TO SHOP																			
FIELD & OFFICE																			
APPROVAL COMMENTS	7/5 2007	JTB	ELC																
REV. REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER									
MATERIAL:	ELECTRODES:	HOLES:	SHOP BOLTS:																
SURFACE PREP. & PAINT:																			
DESCRIPTION:	GENERAL NOTES	DRAWN BY	DATE																
JOB:	TOWN HIGHWAY #3 OVER WILLOUGHBY RIVER	JTB	06/06																
	BRIDGE NO. 61	CHKD BY																	
	TOWN OF BARTON, VILLAGE OF ORLEANS	ELC	06/07																
	COUNTY OF ORLEANS, VERMONT	APPROV BY																	
	CONTRACTOR: JA McDONALD	SUPERVISOR	H. J. GATTI																
PROJ NO.	BRO 1449(25)	Q.A.																	
CUSTOMER:	VERMONT ROT																		
CASCO BAY STEEL STRUCTURES, INC.	JOB NO.	DRG. NO.																	
75 SPRING HILL ROAD	328	GN1																	
PHONE (207) 282-7360	SACO, MAINE 04072	REV.	△																
	FAX. (207) 282-1179																		