

# 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 2001 WITH LATEST REVISIONS

## DESIGN SPECIFICATIONS

- 1). AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (A.A.S.H.T.O) STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 2002 EDITION WITH LATEST REVISIONS.

## MATERIAL SPECIFICATIONS

- 1). UNLESS NOTED, ALL STEEL TO BE AASHTO M270 GRADE 50 (ASTM A709-50).
- 2). HIGH STRENGTH BOLTS: AASHTO M164-1 GALV (ASTM A325-1). ALL TYPE I BOLTS SHALL BE GALVANIZED PER AASHTO M232.
- 3). GIRDER WEB & BOTTOM FLANGES SHALL BE CHARPY V NOTCH TESTED IN ACCORDANCE WITH THE REQUIREMENTS OF VERMONT STANDARD SPECIFICATIONS. DRAWINGS SHALL CALL OUT "CVN" OR "H2-3" FOR EACH APPLICABLE ITEM IN THE BILLS OF MATERIAL.

## FABRICATION

- 1). ALL HOLES SHALL BE PUNCHED OR DRILLED FULL SIZE (UN).
- 2). STUDS ARE FURNISHED AND FIELD APPLIED BY OTHERS.

## FIELD CONNECTIONS

- 1). ALL FIELD CONNECTIONS SHALL BE MADE WITH (7/8") DIAMETER HIGH STRENGTH A-325 BOLTS, INSTALLED PER SECTION 506.19(c).
- 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.

## 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.

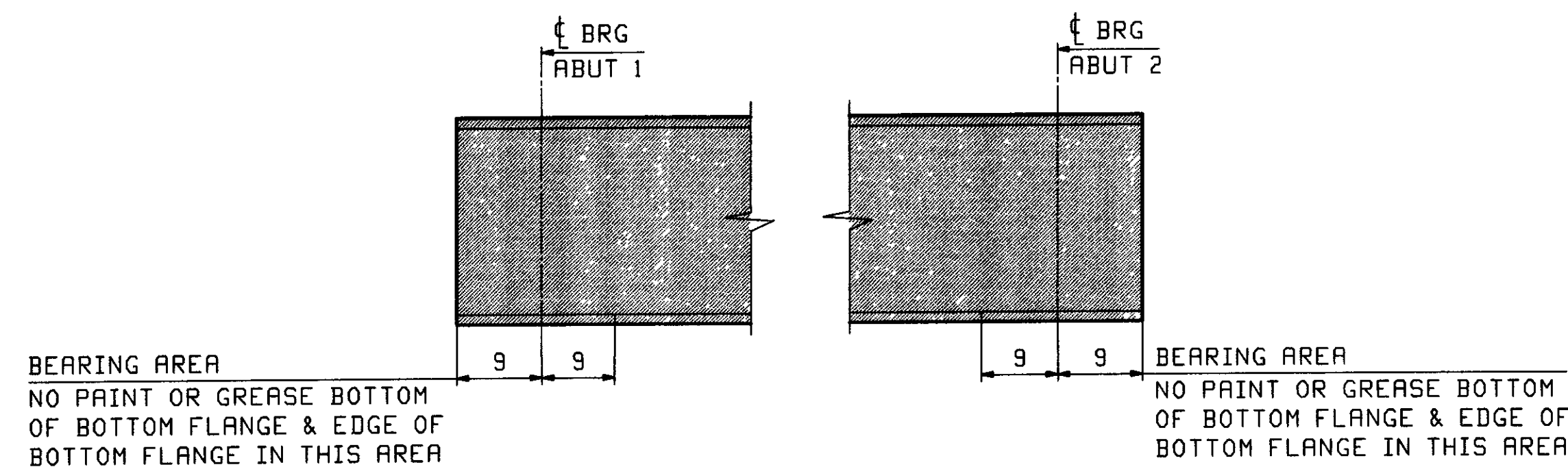
## CLEANING:

- 1). ALL STEEL SHALL BE BLAST CLEANED AS PER SSPC SP-10 PER SPEC. 506.14(a)

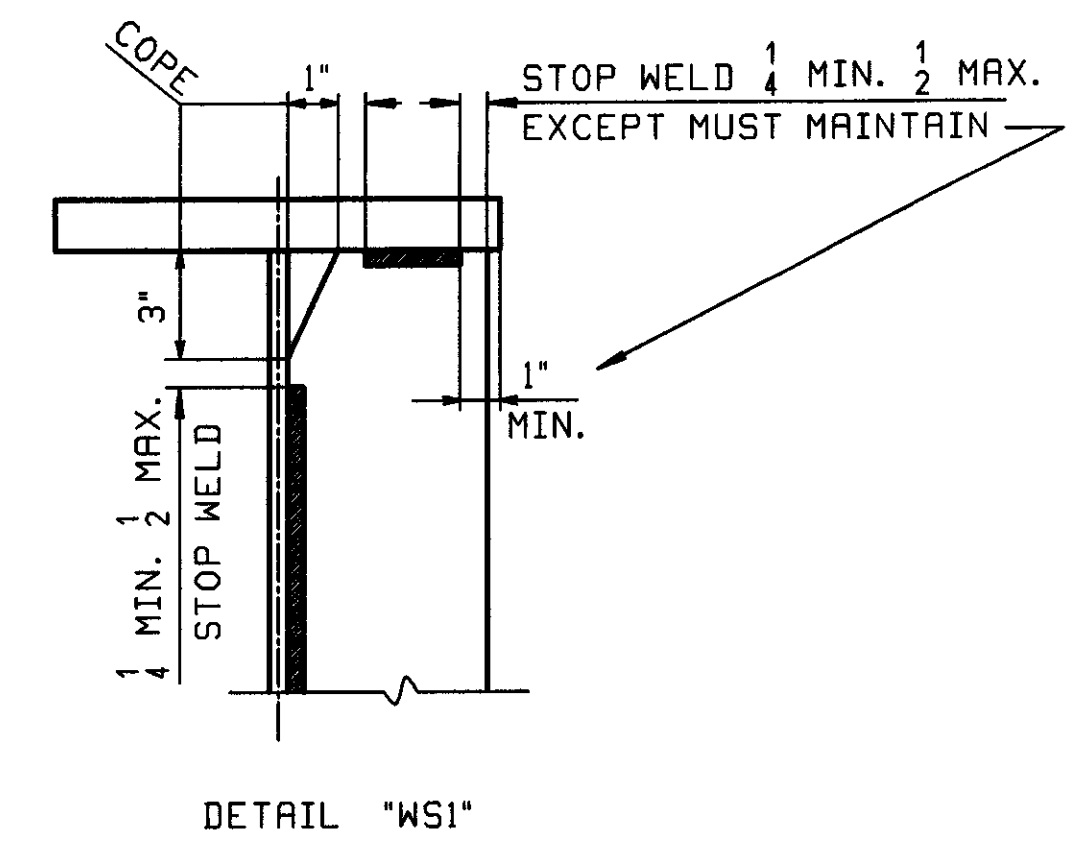
## PAINTING:

- 1). ALL STRUCTURAL STEEL SHALL BE PAINTED PER SUPPLEMENTAL SPECIFICATION 513. ALL FIELD CONTACT SURFACES AND THE TOP OF THE TOP FLANGE SHALL RECEIVE ONE COAT OF PRIMER ONLY. MASK ALL AREAS WITHIN 3" OF OPEN HOLES AFTER PRIME COAT HAS BEEN APPLIED. THE FOLLOWING 3 COAT PAINT SYSTEM SHALL BE USED. NO PAINT IN FIELD WELDED AREAS (SEE SKETCH "P1")

	MANUFACTURER: INTERNATIONAL 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	INTERTHANE 870 POLYURETHANE	3.0	5.0



SKETCH "P1"



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

OUT FOR APPROVAL	5-29-07																		
OUT FOR APPROVAL																			
ISSUED TO SHOP																			
FIELD & OFFICE																			
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER								
	MATERIAL (UN)																		
	M270 GR. 50																		
SURFACE PREP & PAINT: SEE PAINT NOTES ON DWG GN1																			
DESCRIPTION: GENERAL NOTES												DRAWN BY	DATE						
JOB: VT ROUTE 15 OVER THE GIMON RIVER												WL	05/12						
BRIDGE NO 37												CHKD BY							
TOWN OF JOHNSON, VT (LAMOILLE COUNTY)												PCP	05/14						
TENSOR 2716												APPROV BY							
PROJ NO. BRF D30-2(17)S												SUPERVISOR	W J GATTI						
CUSTOMER: VT A.O.T												Q.A.							
CASCO BAY STEEL STRUCTURES, INC.												JOB NO	DRG. NO.						
75 SPRING HILL ROAD SACO, MAINE 04072												323	GN1						
PHONE (207) 282-7360 FAX. (207) 282-1179												REV	△						

RECEIVED  
CKD BY CLD OKD BY  
JUN 01 2007  
RESUBMIT APPROVED AS W/L  
DATE 6/21/07