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, 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).
TYPE 3 BOLTS SHALL BE USED FOR UNPAINTED CONNECTIONS.
△2 TYPE 1 (GALV.) BOLTS SHALL BE USED FOR PAINTED CONNECTIONS.
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:

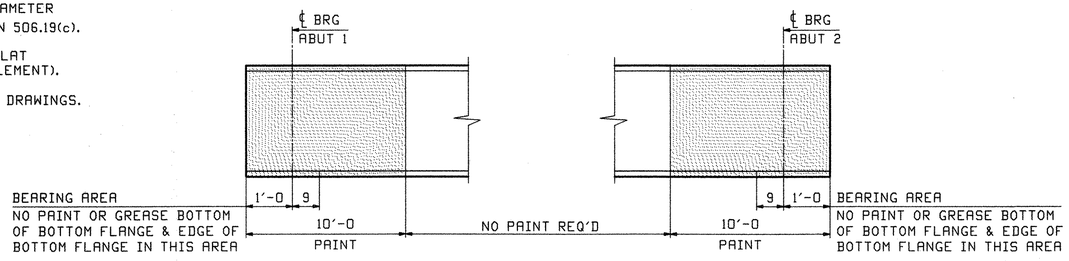
1). ALL STEEL SHALL BE BLAST CLEANED AS PER SSPC SP-10 PER SPEC. 506.14(a)

PAINTING

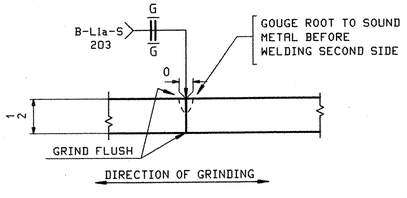
1). ALL STRUCTURAL STEEL INCLUDING GIRDERS, CROSSFRAMES AND CONNECTION PLATES WITHIN A DISTANCE OF 10'-0 FROM THE ENDS OF GIRDERS AT ABUTMENTS 1 & 2 SHALL BE PAINTED PER SUPPLEMENTAL SPECIFICATION 513. THIS INCLUDES THE INTERMEDIATE CROSSFRAME ADJACENT TO ABUTMENTS AND IT'S CONNECTION PLATES. SEE SKETCH "P1". △2

ALL FIELD CONTACT SURFACES WILL RECEIVE ONE COAT OF PRIMER ONLY. MASK ALL AREAS WITHIN 3" OF OPEN HOLES AFTER PRIME COAT HAS BEEN APPLIED. △2

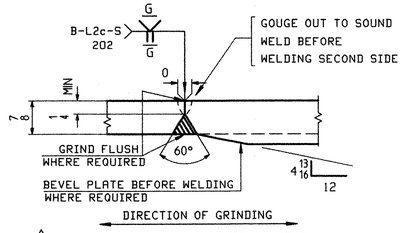
		APPROVED SYSTEM	DRY FILM THICKNESS (in MILS) MIN.	MAX.
CARBOLINE	P	CARBOLINE 859 ZR EPOXY PRIMER (ORGANIC)	3.0	6.0
COMPANY	I	CARBOLINE 888 EPOXY	3.0	10.0
(OZ)	T	CARBOLINE 133 HB ALIPHATIC POLYURETHANE	3.0	5.0



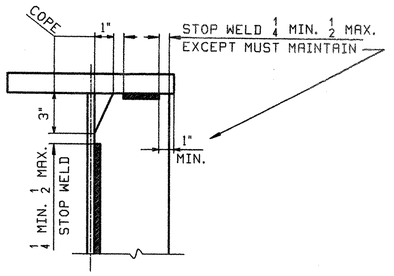
SKETCH "P1"



△1 WEB PLATE SPLICE DETAIL "WA"



△1 FLANGE PLATE SPLICE DETAIL "FA"



DETAIL "WS1"

RECEIVED
OK'D BY_____ OK'D BY
JUL 26 2006
RESUBMIT_____ APPROVED
BY DATE 7/28/06

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

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
	OUT FOR APPROVAL	Final 7-17-06									
	OUT FOR APPROVAL										
	ISSUED TO SHOP										
	FIELD & OFFICE										
△2	APPROVAL COMMENTS	7/10	WL	PCP							
△1	ADD DETAILS "WA" & "FA"		JTB	PCP							

MATERIAL:	ELECTRODES:	HOLES:	SHOP BOLTS:

SURFACE PREP. & PAINT:

DESCRIPTION: GENERAL NOTES	DRAWN BY	DATE
JOB: RTE 9 OVER ROARING BRANCH OF WALLOOMSAC RIVER	WL	02/17
BRIDGE No. BR 11	CHKD BY	
WOODFORD, VT. BENNINGTON COUNTY	PCP	02/22
TENSOR 2608	APPROV BY	
	SUPERVISOR	W. J. GATTI
PROJ NO. BHF 010-1(29)	Q.A.	
CUSTOMER: RENAUD BROTHERS, INC.		

CASCO BAY STEEL STRUCTURES, INC. JOB NO. 290 | DRG. NO. GN1 | REV. △2

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