

# GENERAL NOTES

## SPECIFICATIONS

ALL MATERIAL AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT, AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION, DATED 2006, AND ITS LATEST REVISIONS AND AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, FOURTH EDITION, DATED 2007 AND ITS LATEST REVISIONS.

ALL WELDING SHALL BE IN ACCORDANCE WITH THE CURRENT STRUCTURAL WELDING CODE ANSI/AASHTO/AWS D1.5, AND THE PROVISIONS OF SUBSECTION 506.10

## MATERIAL SPECIFICATIONS

ALL STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GR 50 (U.S.N.).

ALL BOLTS FOR THIS PROJECT SHALL BE HIGH STRENGTH HEX HEAD BOLTS AND CONFORM TO ASTM A325 TYPE 1.

## FABRICATION

CVN- INDICATES CHARPY V-NOTCH TESTED FOR ZONE 2, IN ACCORDANCE WITH SUBSECTION 714.01 OF THE STANDARD SPECIFICATIONS.

MAIN LOAD CARRYING MEMBERS ARE ALL STRINGER BEAMS.

THE BOTTOM FLANGE OF STEEL BEAMS AT BEARING AREAS SHALL BE SHOP STRAIGHTENED AS NECESSARY TO PROVIDE UNIFORM CONTACT BETWEEN THE BEAM FLANGE & THE BEARING AT THE BRIDGE SEAT.

REMOVE SURFACE OF FLAME HARDENED STEEL BY GRINDING TO EXTENT NECESSARY TO ACHIEVE THE SPECIFIED SURFACE PROFILE.

## ERECTION NOTES

ALL CONNECTION ARE BEING MADE WITH HIGH STRENGTH BOLTS NOTED ABOVE WITH ONE (1) HARDENED WASHER (ASTM F436 TYPE 1) TO BE PLACED UNDER THE TURNED ELEMENT.

SHIPPING MARK NUMBER WILL BE LOCATED AS SHOWN ON ERECTION PLANS.

## CLEANING

ALL STEEL SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP10 BLAST CLEANING.

## PAINT

### DRY FILM THICKNESS:

PRIMER: 2-3 MILS MIN. U.N.-----CAR80 859

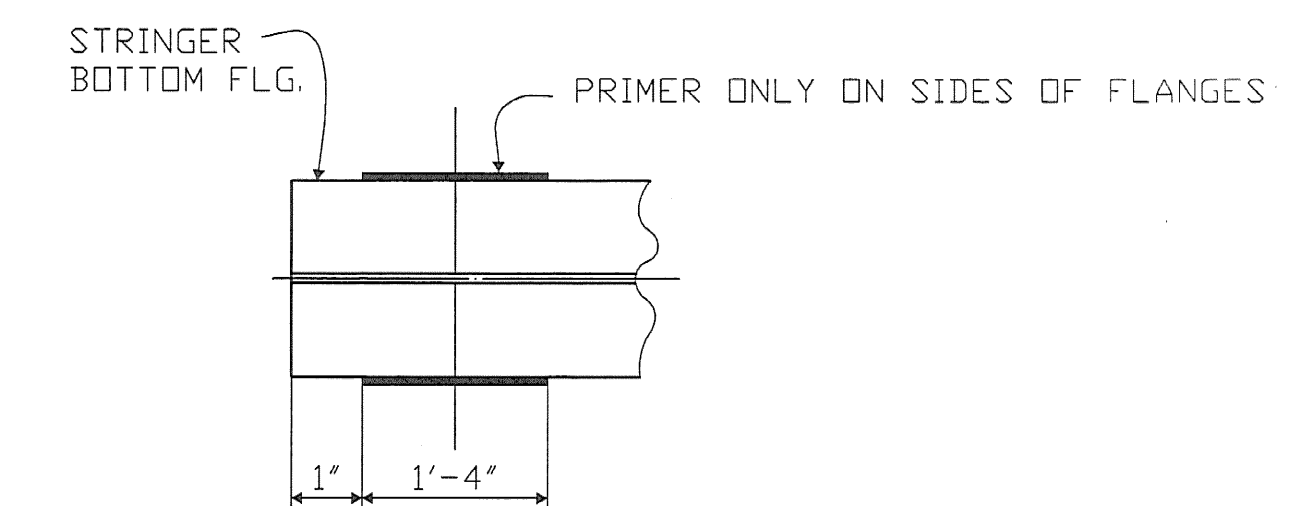
INTERMEDIATE: 4-6 MILS-----CARBOLINE 888

FINISH: 3-5 MILS-----CARBOTHANE 133HB ALIPHATIC POLYURETHANE  
COLOR 20059 (BROWN) OF FEDERAL STANDARD 595B.

### PAINTED AREAS:

FAYING AREAS WITHIN 3" OF OPEN HOLES SHALL BE GIVEN A COAT OF PRIMER PAINT ONLY.

THE TOP OF TOP FLANGE OF BEAMS WHICH ARE TO RECEIVE FIELD WELDED STUDS SHALL BE GIVEN A MIST COAT (1-1/2 MILS) OF PRIMER PAINT ONLY.  
(SEE DETAIL 1 BELOW)

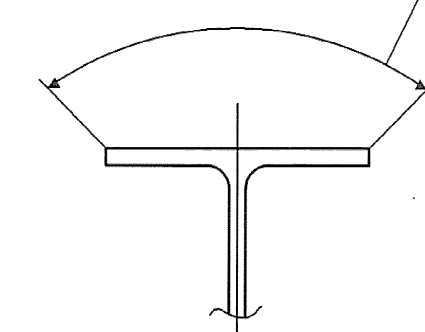


## SOLE PL WELD PREP

TYPICAL ALL BEAMS EACH END

TEM NO.	DESCRIPTION	PER LB
506.50	Structural Steel, Rolled Beam	LS
513.25	Structural Steel Paint Shop Applied	LS
513.40	Surface Preparation Shop	LS

MIST COAT OF PAINT  
(FULL LENGTH)



DETAIL 1

RECEIVED  
OK'D BY SSS OK'D BY MFM  
JAN 26 2009  
APPROVED ✓  
DATE 1/26/09

REV. NO.	DATE	APPROVER COMMENTS	REVISION
3			
2			
1	1/9/09		

GENERAL NOTES

VT.102 (MAJOR COLLECTOR) BRIDGE #16 CANAAN, VT  
PROJECT NUMBER ER ST 0271 (16)

**FOSTER • PRECISE**  
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978-352-2591 FAX 978-352-2182

OWNER: STATE OF VERMONT AGENCY OF TRANSPORTATION  
CONTRACTOR: WINTEREST INC.

DRAWN BY	CHECKED BY	JOB NO.	SHEET NO.
KC	WL	3476	GN1
11/23/08	11/30/08		