

# 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 STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION, DATED 2002  $\Delta$  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.B.N.).

ALL BOLTS FOR THIS PROJECT SHALL BE HIGH STRENGTH HEX HEAD BOLTS AND CONFORM TO ASTM A325 TYPE 1, MECHANICALLY GALVANIZED AND AASHTO DESIGNATION M164M  $\Delta$

## 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 PRIOR TO PAINTING

## PAINT

### DRY FILM THICKNESS:

PRIMER: 3-10 MILS (3-5 MIN)-----CARBO 859  $\Delta$

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

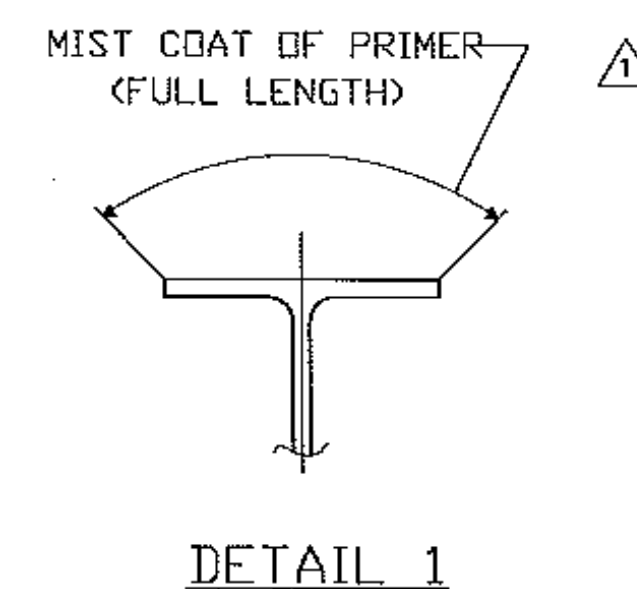
FINISH: 3-5 MILS-----CARBOTHANE 133HB ALIPHATIC POLYURETHANE  
COLOR 20059 (BROWN) OF FEDERAL STANDARD 595B.

### 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 $\frac{1}{2}$  MILS) OF PRIMER PAINT ONLY.  
(SEE DETAIL 1 BELOW)

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



Vermont Agency of Transportation

**RECEIVED**

CK'D BY WDL OK'D BY GS

8:02 am, Jul 25, 2011

RESUBMIT \_\_\_\_\_ APPROVED **X**

BY CWC DATE 07/25/11

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2		
1	7.21.11	APPROVER COMMENTS
REV. NO.	DATE	REVISION
GENERAL NOTES		
SILVER ST. BRDG - HINESBURG STATE OF VERMONT PROJECT No. STP 0199(2)		
PRECISE STRUCTURAL PRODUCTS 3 FARM LANE GEORGETOWN, MA 01833 978-352-2591		
OWNER: VT AGENCY OF TRANSPORTATION CONTRACTOR: A.L. ST.ONGE CONTRACTORS, INC		
DRAWN BY	CHECKED BY	APP. SHOP DIST. CONTRACT NO. SHEET NO.
KC 06/24/11	WL 06/28/11	3578 GN1