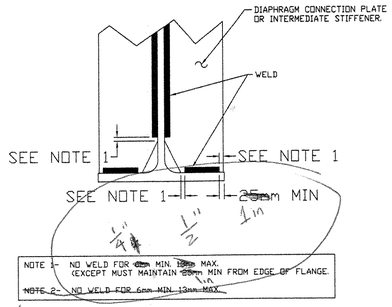
GENERAL NOTES:

17th EDITION DATED 2002

STRUCTURAL STEEL:

1. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO STATE OF VERMONT AGENCY OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, DATED 2001, AND ITS LATEST REVISIONS, AND THE AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, AND ITS LATEST REVISIONS, AND AASUTO/AWS D1.5, 2001.
2. ALL STRUCTURAL STEEL SHALL BE FABRICATED USING PROCEDURES ~~AND~~ AND TOLERANCES IN ACCORDANCE WITH SECTION 506.03 OF THE STANDARD SPECIFICATIONS.
3. ALL DIMENSIONS ARE GIVEN AT 68°F UNLESS OTHERWISE NOTED.
4. ALL MEMBERS AND/OR PLATES MARKED (CVN) AND ONLY THOSE MEMBERS MUST MEET THE CHARPY V-NOTCH REQUIREMENTS FOR MAIN MEMBERS AS INDICATED IN SECTION 714 OF THE VERMONT AGENCY OF TRANSPORTATION SPECIFICATIONS OF CONSTRUCTION.
5. ALL STRUCTURAL STEEL SHALL CONFORM TO AASHTO M270 GRADE 50W.
6. ALL FIELD CONNECTIONS SHALL BE MADE USING 7/8 INCH DIAMETER BOLTS MEETING ASTM DESIGNATION A325 TYPE 3 (AASHTO M164). HOLES SHALL BE 15/16 INCH DIAMETER.
7. ANY BOLT HOLES IN THE WEB OF THE FASCIA GIRDERS NOT OTHERWISE FILLED, SHALL BE FILLED WITH BUTTON HEAD OR HEXAGONAL HEAD BOLTS COMPATIBLE WITH THE GIRDER STEEL. THE BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH SUBSECTION 506.19
8. ALL MATERIALS SHALL BE BLAST CLEANED BEFORE OR AFTER FABRICATION. THE FINAL SURFACE APPEARANCE AFTER FABRICATION SHALL MEET THE REQUIREMENTS OF SSPC-SP10.
9. THIS IS A UNPAINTED PROJECT.
10. [DT] DENOTES HOLES TO BE DRILLED FULL SIZE IN FIELD SPLICE PLATES BY MEANS OF NUMERICALLY CONTROLLED DRILLING EQUIPMENT. NC DRILLING SPLICE PLATES SHALL THEN BE USED AS TEMPLATES TO DRILL FULL SIZE HOLES IN GIRDER WEBS AND FLANGES WHILE ASSEMBLES PER "SA" DRAWINGS.
11. FIELD SPLICE MATERIAL SHALL BE BOLTED IN PLACE FOR SHIPMENT.



WELD TERMINATION DETAIL
NTS

BILL OF MATERIAL

REV. NO:	SHIP MARK	PIECE MARK	QTY.	TYPE OF MATERIAL	SIZE OF MATERIAL	GRADE	LENGTH	FINISH	NOTES	WEIGHT

LIST OF ABREVIATIONS

B	BEAM	MAX	MAXIMUM
BC	BOTTOM CHORD	MIN	MINIMUN
BOB	BOTTOM OF BASE PLATE	ML	MATERIAL LOOSE
BOC	BOTTOM OF CONTRETE	MS	MISCELLANEOUS
BOP	BOTTOM OF PLATE	(NS)	NEAR SIDE
BOS	BOTTOM OF STEEL	NTS	NOT TO SCALE
BOT	BOTTOM		
BR	BRACE	O/ALL	OVERALL
BRG	BEARING	OC	ON CENTERS
(BS)	BOTH SIDES	OD	OUTSIDE DIAMETER
		OH	OPPOSITE HAND
C	COLUMN	OPNG	OPENING
℄	CENTERLINE	OPP	OPPOSITE
C/C	CENTER TO CENTER		
CLR	CLEAR	PC	POINT OF CURVE
CONC	CONCRETE	PL	PLATE
CONST	CONSTRUCTION	PR	PORTAL
CONT	CONTINUOUS	PRJ	PROJECTION
CONN	CONNECTION		
CTR	CENTER	R	RISER
CVN	CHARPY V-NOTCH REQUIRED	R.D.	RUNNING DIMENSION
		REF	REFERENCE
D	DEPTH	REQ'D	REQUIRED
DET	DETAIL	REV	REVISION
DIAG	DIANGLE		
DIA	DIAMETER	S	STAIRS
DN	DOWN	SCH	SCHEDULE
DWG	DRAWING	SECT	SECTION
		SHT	SHEET
EA	EACH	SP	SPACE
EL	ELEVATION	SPA	SPACING
EM	EMBEDDED MATERIAL	SPEC	SPECIFICATION
ENB	EMBEDDED	SQ	SQUARE
EQ	EQUAL	SR	SAG ROD
EXIT	EXISTING	SS	STAINLESS STEEL
		ST	STRINGER
F	FRAME	STIFF	STIFFENER
FB	FLOOR BEAM	STRUCT	STRUCTURAL
FCM	FRACTURE CRITICAL MEMBER	STL	STEEL
FIN FL	FINISH FLOOR	STD	STANDARD
FLG	FLANGE	SW	SIDEWALK BRACKET
FLR	FLOOR	SYMM	SYMMETRICAL
FP	FLOOR PLATE	SWT	SHIPPING WEIGHT
(FS)	FAR SIDE		
		T	TRUSS
G	GIRT	TC	TOP CHORD
GA	GAUGE	THK	THICKNESS
GALV	GALVANIZED	THD	THREAD
GOSL	GAUGE OUTSTANDING LEG	T&B	TOP & BOTTOM
GR	GRATING	TOC	TOP OF CONCRETE
GRD	GROUND	TOG	TOP GRATING
		TOS	TOP STEEL
H	HANGER	TYP	TYPICAL
HOR	HORIZONTAL		
HR	HANDRAIL	U.N.O.	UNLESS NOTED OTHERWISE
HS	HIGH-STRENGTH		
		VERT	VERTICAL
ID	INSIDE DIAMETER	VB	VERTICAL BRACING
IN	INCHES		
		WP	WORKING POINT
L	LADDERS		

REJECTED
RESUBMIT AS CORRECTED
REVISE AND RESUBMIT
UNACCEPTABLE
Review is only for compliance with the design concept of the project and compliance with the information given in the Contract Documents. The Engineer assumes no liability for errors or omissions that may be contained herein. The Contractor, by approving and submitting these documents, verifies their accuracy as stipulated on the Contractor's Shop Drawing Stamp.
DuBOIS & KING
Date 7/22/04 By RM

EASTERN BRIDGE LLC
RURAL RTE 2 BOX 302
CLAREMONT, NH 03743
603-542-5202
FABRICATOR

ITEM NO: 506.50

REVISIONS		
NO.	DATE	DESCRIPTION
	7/14/04	FOR APPROVAL

FRANK W. WHITCOMB CONSTRUCTION CORP.
CONTRACT: BHO 1442 (32) VT ADT

CHURCH STREET (TH 5) OVER WILLIAMS RIVER
BRIDGE NO. 11
CHESTER, VT

TITLE: GENERAL NOTES

DRAWN BY 4/20/04 DANA BACON	SHOP ORDER 5025	DWG. NO. GN1
CKD BY JH 7/15/04	BLOCK NO.	SHEET NO. 1 OF 1

~~SS~~ SS 026 ~~SS~~ 026 SS