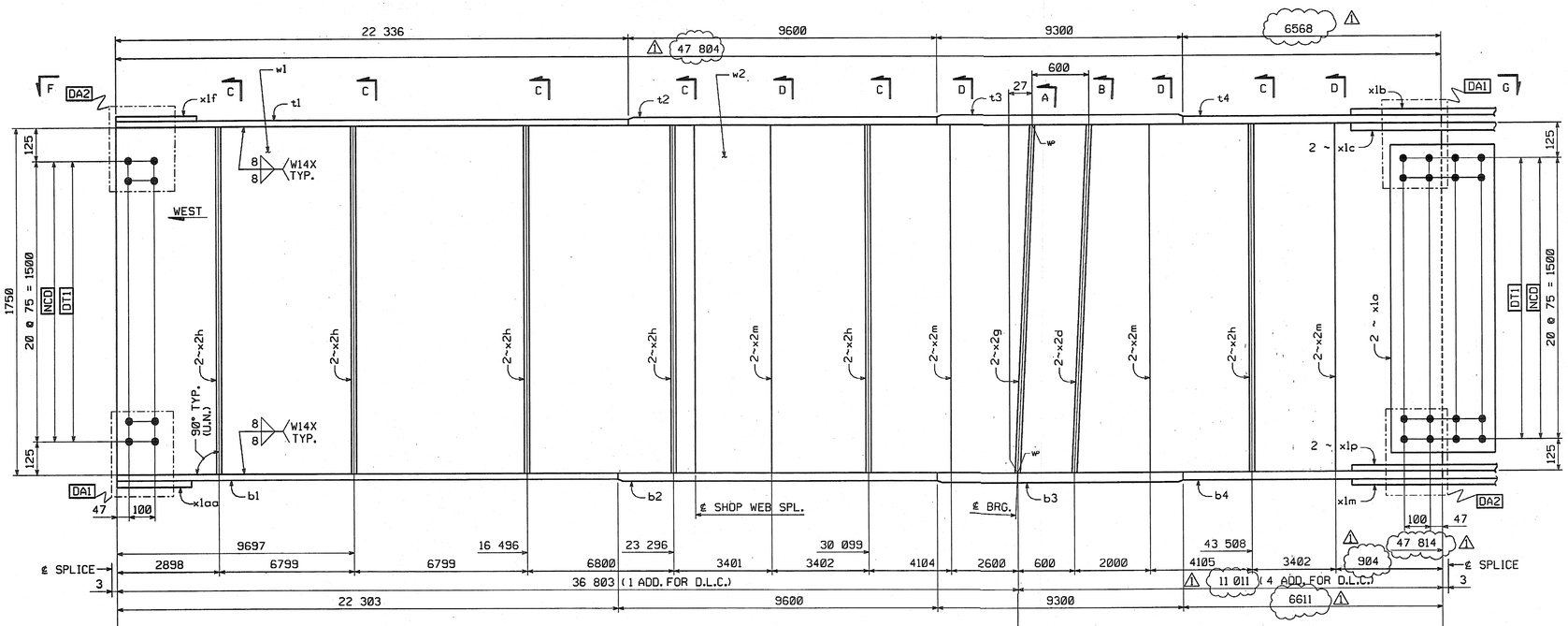
METRIC

1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL WEIGHTS ARE IN KILOGRAMS.

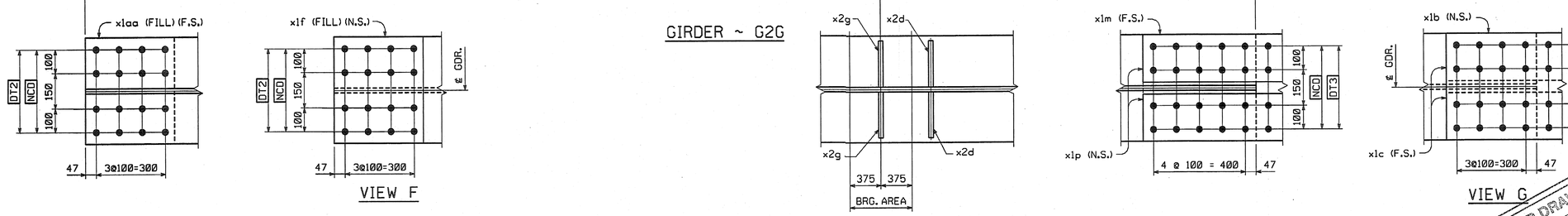
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
	VT	

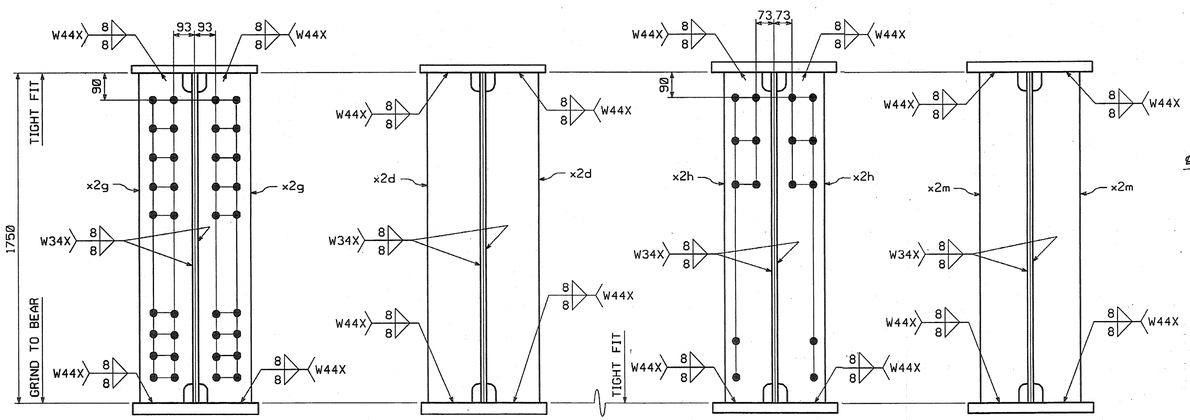


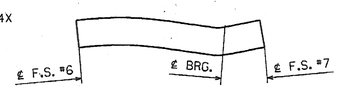
BILL OF MATERIAL

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	GRP.	ITEM	SHIP. WT. KG. EA.
ONE	G2G	GIRDER					25 180
1	w1	PL 16 x 1750	23 811	(T)	3	6	5233.06
1	w2	PL 16 x 1750	~~24 011~~	(T) 47809	3	1	~~5277.01~~ 10508.42
1	t1	PL 22 x 450	22 336	(T)	4	22	~~1785.64~~ 1735.84
1	t2	PL 40 x 450	9 600	(T)	4	8	~~1356.32~~ 1356.48
1	t3	PL 80 x 450	9 300	(T)	4	1	~~2627.88~~ 2628.18
1	t4	PL 40 x 450	~~6 569~~	(T) 6568	4	12	~~928.09~~ 928.06
1	b1	PL 22 x 450	22 303	(T)	4	23	~~1733.08~~ 1733.28
1	b2	PL 40 x 450	9 600	(T)	4	8	~~1356.32~~ 1356.48
1	b3	PL 80 x 450	9 300	(T)	4	1	~~2627.88~~ 2628.18
1	b4	PL 40 x 450	6 612	(T) 6611	4	11	~~934.17~~ 934.13
2	x1a	PL 12 x 1600	400	(T)	6	1	~~60.28~~ 120.53
1	x1b	PL 14 x 450	790	(T)	6	6	~~39.06~~ 39.07
2	x1c	PL 16 x 200	790	(T)	6	5	~~19.84~~ 39.69
1	x1f	PL 10 x 450	392	FILL	6	7	13.85
1	x1m	PL 18 x 450	990	(T)	6	3	~~62.94~~ 62.95
2	x1p	PL 20 x 200	990	(T)	6	2	~~31.08~~ 62.17
1	x1aa	PL 10 x 450	392	FILL	6	7	13.85
2	x2d	PL 38 x 200	1 750		7	1	~~104.39~~ 208.81
2	x2g	PL 38 x 200	1 750		7	1	~~104.39~~ 208.81
12	x2h	PL 12 x 180	1 750		7	4	~~29.67~~ 356.08
8	x2m	PL 12 x 180	1 750		7	4	~~29.67~~ 237.38
TOTAL WEIGHT THIS SHEET:				~~25 172.54~~	kgs		

(25172.29 kg) JMR 7-26-06







ORIENTATION DIAGRAM

SHOP NOTE

HOLES: 15/16"ø

BOLTS: NONE

PAINT: NONE

FOR GENERAL SHOP NOTES, SEE DWG. GN1.
FOR WEB CAMBER DIAGRAM, SEE DWG. WC2.

SHOP DRAWING REVIEW
X REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND FOR CONFORMANCE BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THIS REVIEW DOES NOT AUTHORIZE A DEPARTURE FROM THE CONTRACT REQUIREMENTS UNLESS OTHERWISE NOTED. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE ACCURACY OF DIMENSIONS, FOR CORRELATION OF THIS AND SIMILAR DATA WITH OTHER TRADES, FOR FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION, FOR COORDINATION OF THE WORK WITH THE WORK OF ALL OTHER TRADES, AND FOR THE WORK IN A SAFE AND SATISFACTORY MANNER.
☐ REVISED AND RESUBMIT ☐ REVISE AND RESUBMIT ☐ REJECTED ☐ REVISED AND RESUBMIT
Job Number: 30 511
Reviewed By: SMW
Date: 8/18/04
VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, Architects, Scientists, Six Beach Street, Burlington, VT 05401 (802) 658-0810

NO.	REVISION	BY	DATE
1	INCREASE LENGTHS TO SATISFY REQUIREMENTS FOR LENGTH @ MEAN TEMPERATURE OF 45°F.	JSA	9/17/04

HIGH STEEL STRUCTURES, INC.
1770 Hempstead Road
Lancaster, PA 17605-0008
Phone 717/299-5211
A Division of High Industries, Inc.

GIRDER G2G
VT 78 OVER MISSISQUOI BAY, BRIDGE NO. 2
VT 78 STA.10+970.425 TO STA.12+059.775
TOWNS OF ALBURG AND SWANTON
COUNTIES OF GRAND ISLE AND FRANKLIN
STATE OF VERMONT, AGENCY OF TRANSPORTATION

STATE CONTRACT OR REF. NO. BRF-036-1(1)
CONTRACTOR CIANBRO CORPORATION
IN CHARGE: GLIDDEN (IH) MADE BY: ERS CHK'D. BY: CS DATE: 8-19-04
CONTRACT NUMBER: VT-04057-1 DRAWING NUMBER: 26 OF 112

CODE:30

METRIC

PLOTTED: 9/20/2004 1:05:21 PM BY: dpanter