

METRIC

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

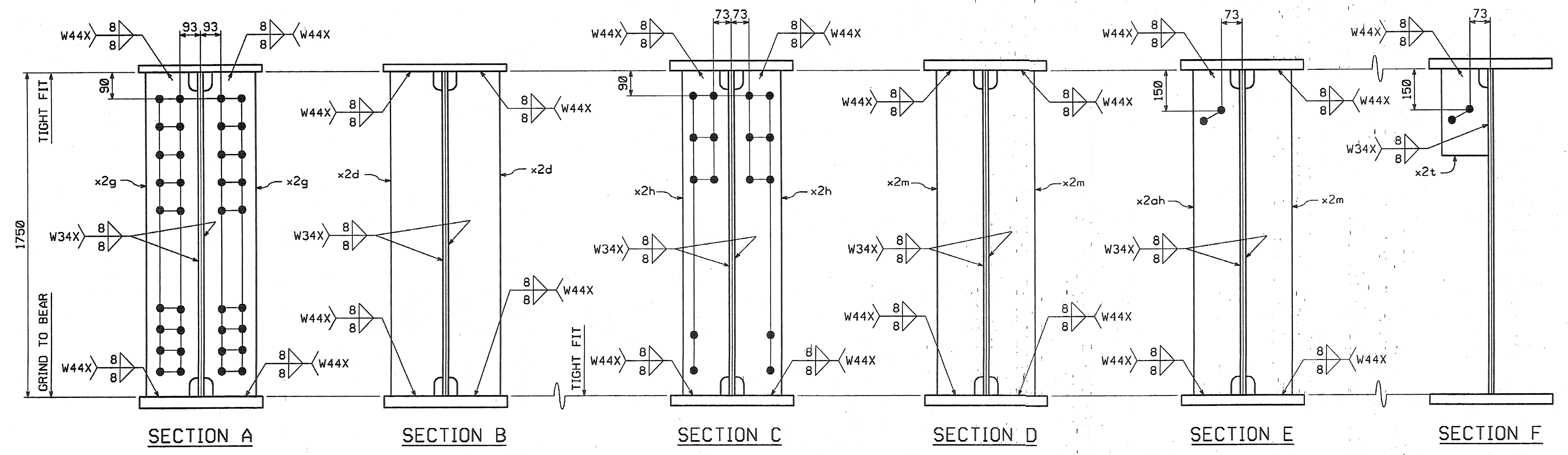
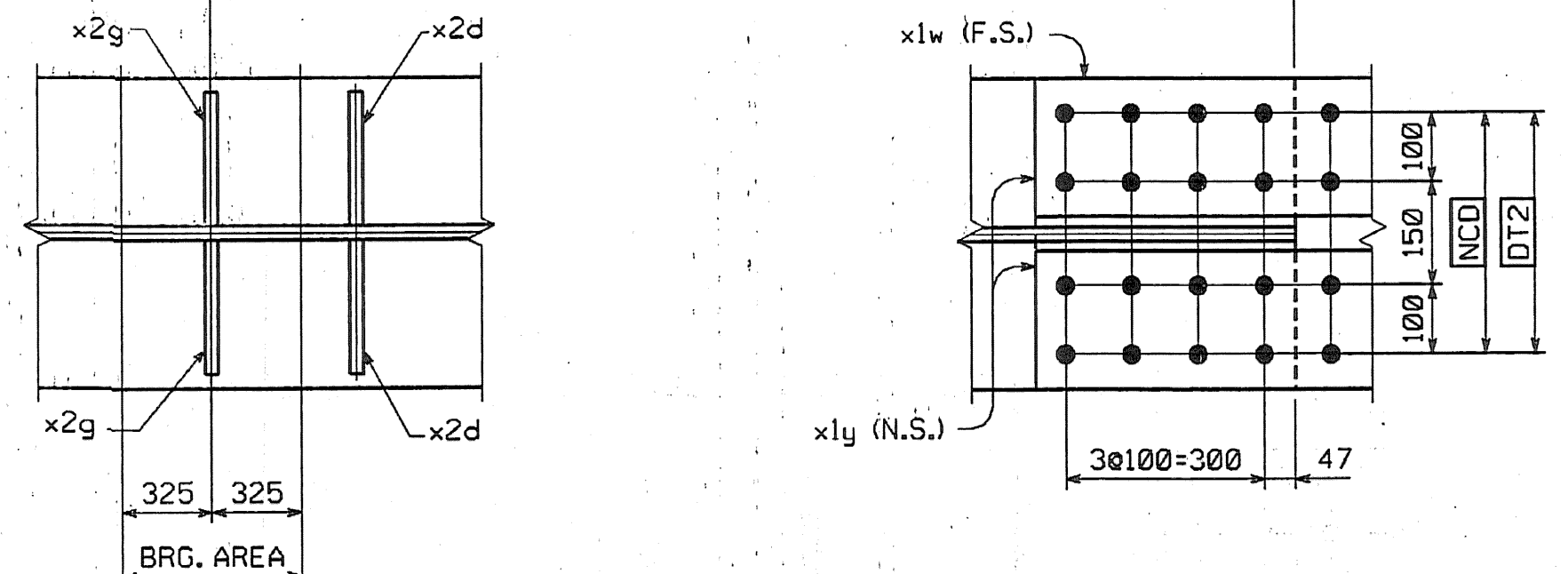
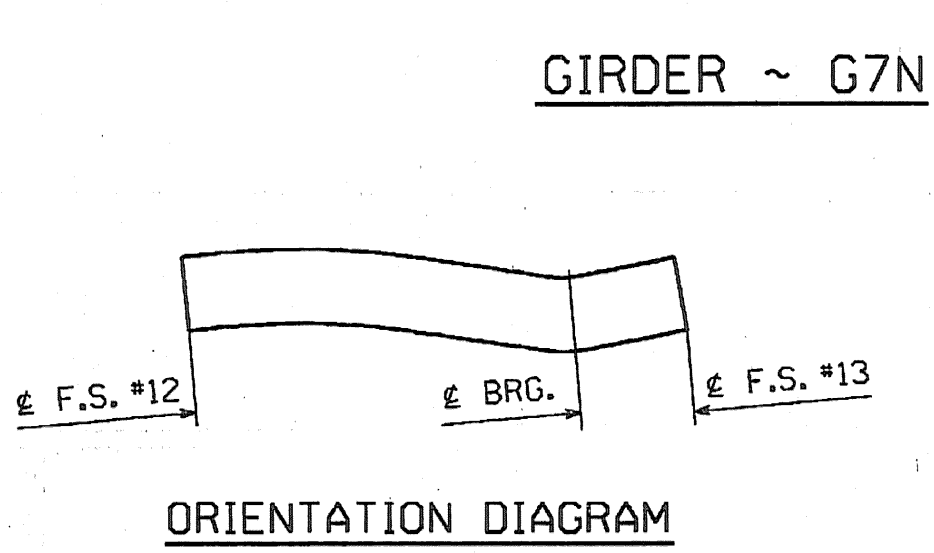
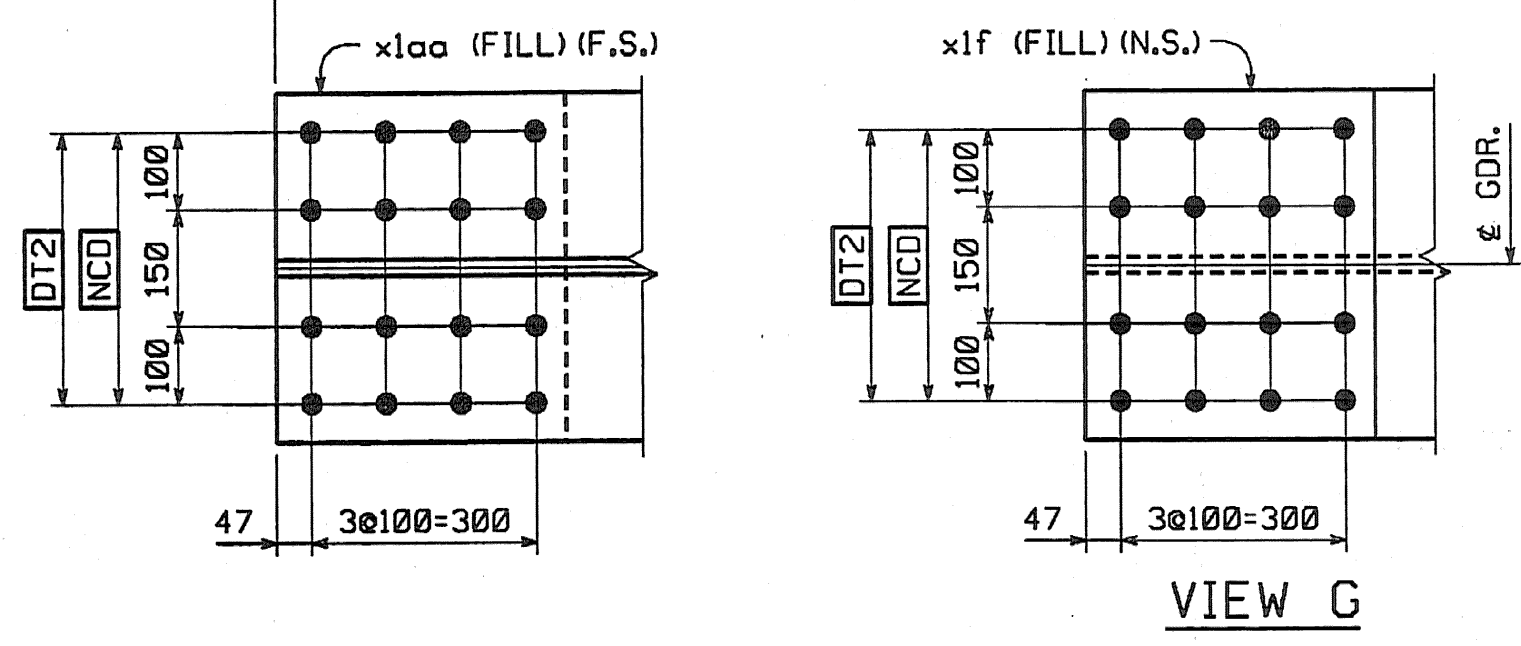
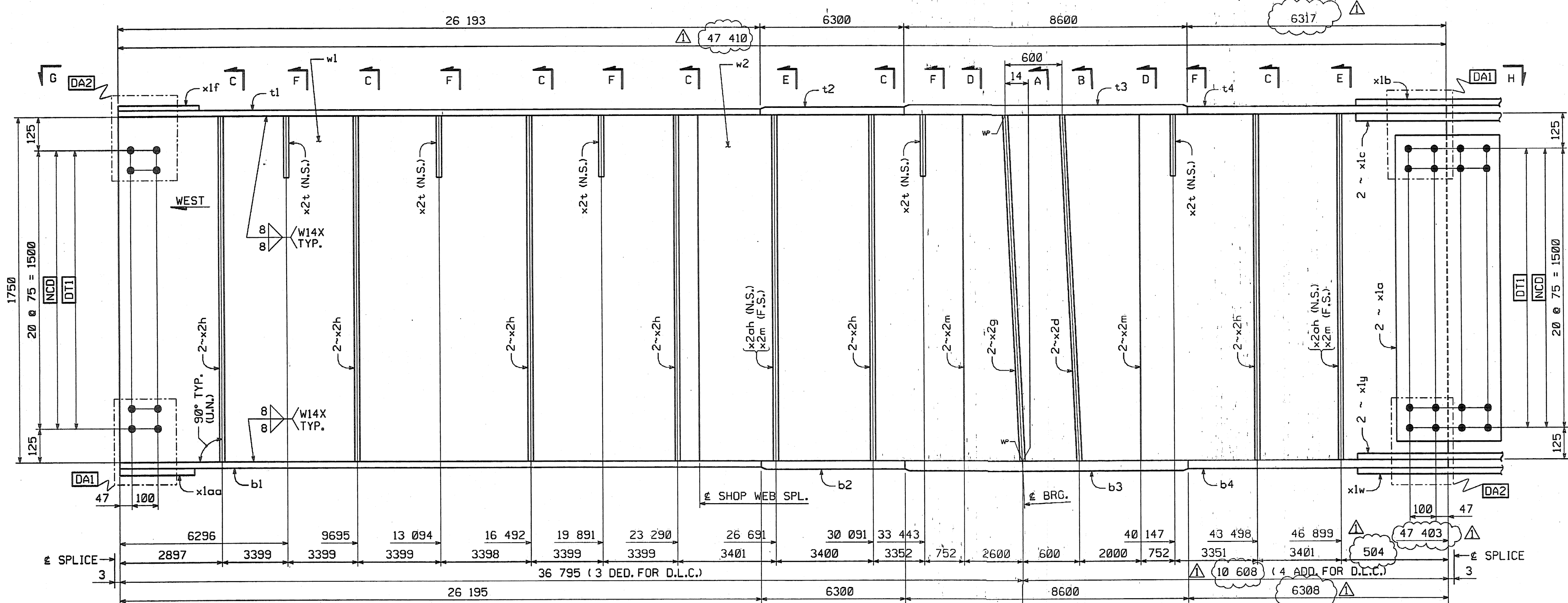
FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
	VT	

BILL OF MATERIAL

NO.	MARK	DESCRIPTION	LENGTH	REMARKS	GRP.	ITEM	SHIP. WT. KG. EA.
ONE	G7N	GIRDER					22 640
1	w1	PL 16 x	1750	23 808	(T)	3 4	5232.40
1	w2	PL 16 x	1750	23 609	(T)	3 7	5188.86
1	t1	PL 22 x	450	26 193	(T)	4 20	2035.36
1	t2	PL 32 x	450	6 300	(T)	4 15	712.07
1	t3	PL 65 x	450	8 600	(T)	4 3	1974.44
1	t4	PL 32 x	450	6 317	(T)	4 14	713.99
1	b1	PL 22 x	450	26 195	(T)	4 20	2035.51
1	b2	PL 32 x	450	6 300	(T)	4 15	712.07
1	b3	PL 65 x	450	8 600	(T)	4 3	1974.44
1	b4	PL 32 x	450	6 308	(T)	4 14	712.97
2	x1a	PL 12 x	1600	400	(T)	6 1	60.28
1	x1b	PL 14 x	450	790	(T)	6 6	39.06
2	x1c	PL 16 x	200	790	(T)	6 5	19.84
1	x1f	PL 10 x	450	392	FILL	6 7	13.85
1	x1w	PL 14 x	450	790	(T)	6 6	39.06
2	x1y	PL 16 x	200	790	(T)	6 5	19.84
1	x1aa	PL 10 x	450	392	FILL	6 7	13.85
2	x2d	PL 38 x	200	1750		7 1	104.39
2	x2g	PL 38 x	200	1750		7 1	104.39
12	x2h	PL 12 x	180	1750		7 4	29.67
6	x2m	PL 12 x	180	1750		7 4	29.67
5	x2t	PL 14 x	180	310		7 3	6.13
2	x2ah	PL 12 x	180	1750		7 4	29.67

TOTAL WEIGHT THIS SHEET: 22 639.29 kgs

SHEET REVISED 8-5-2005 SEE UPDATED SHEET 55 OF 112 JAR 8-1-06



SHOP NOTE

HOLES: 1/8"  
 BOLTS: NONE  
 PAINT: NONE  
 FOR GENERAL SHOP NOTES, SEE DWG. EN1  
 FOR WEB CAMBER DIAGRAM, SEE DWG. WC3

**SHOP DRAWING REVIEW**

REVIEWED BY: [Signature]  
 DATE: 9/17/04

Job Number: 07774  
 Date: 11/16/04

NO.	REVISION	BY	DATE
1	INCREASE LENGTHS TO SATISFY REQUIREMENTS FOR LENGTH & MEAN TEMPERATURE OF 18°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 G7N

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 CIAMBRO CORPORATION

IN CHARGE: GLIDDEN (IH) MADE BY: ERS CHK'D BY: CS DATE: 8-23-04

CONTRACT NUMBER: VT-04057-2 DRAWING NUMBER: 55 OF 112

BY: dponster  
PLOTTED: 9/29/2004 10:52 PM

CODE:30