

METRIC

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

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

BILL OF MATERIAL

QTY EA	MARK	COMM.	DESCRIPTION	LENGTH	SPEC	GRADE	TEST	REMARKS	GRP.	ITEM	SHP WEIGHT EA
3	CF9		CROSSFRAMES								368.79
6	a	L	152 x 152 x 12.7	2042	M270M	345W	T	(L6 x6x1/2)	11	2	60.65
3	b	L	152 x 152 x 12.7	2671	M270M	345W	T	(L6 x6x1/2)	11	2	79.33
3	c	L	152 x 152 x 12.7	2400	M270M	345W	T	(L6 x6x1/2)	11	2	71.28
6	m1h	PL	16 x 425	460	M270M	345W	T		11	3	24.55
6	m1m	PL	16 x 400	415	M270M	345W	T		11	3	20.85
3	m1p	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09
2	CF10		CROSSFRAMES								368.70
4	a	L	152 x 152 x 12.7	2041	M270M	345W	T	(L6 x6x1/2)	11	2	60.62
2	b	L	152 x 152 x 12.7	2667	M270M	345W	T	(L6 x6x1/2)	11	2	79.21
2	c	L	152 x 152 x 12.7	2403	M270M	345W	T	(L6 x6x1/2)	11	2	71.37
4	m1h	PL	16 x 425	460	M270M	345W	T		11	3	24.55
4	m1m	PL	16 x 400	415	M270M	345W	T		11	3	20.85
2	m1p	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09
ONE	CF11		CROSSFRAME								368.70
2	a	L	152 x 152 x 12.7	2041	M270M	345W	T	(L6 x6x1/2)	11	2	60.62
1	b	L	152 x 152 x 12.7	2667	M270M	345W	T	(L6 x6x1/2)	11	2	79.21
1	c	L	152 x 152 x 12.7	2403	M270M	345W	T	(L6 x6x1/2)	11	2	71.37
2	m1k	PL	16 x 425	460	M270M	345W	T		11	3	24.55
2	m1n	PL	16 x 400	415	M270M	345W	T		11	3	20.85
1	m1s	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09
ONE	CF12		CROSSFRAME								368.70
2	a	L	152 x 152 x 12.7	2041	M270M	345W	T	(L6 x6x1/2)	11	2	60.62
1	b	L	152 x 152 x 12.7	2664	M270M	345W	T	(L6 x6x1/2)	11	2	79.12
1	c	L	152 x 152 x 12.7	2406	M270M	345W	T	(L6 x6x1/2)	11	2	71.46
2	m1h	PL	16 x 425	460	M270M	345W	T		11	3	24.55
2	m1m	PL	16 x 400	415	M270M	345W	T		11	3	20.85
1	m1p	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09
ONE	CF13		CROSSFRAME								368.61
2	a	L	152 x 152 x 12.7	2040	M270M	345W	T	(L6 x6x1/2)	11	2	60.59
1	b	L	152 x 152 x 12.7	2680	M270M	345W	T	(L6 x6x1/2)	11	2	79.00
1	c	L	152 x 152 x 12.7	2409	M270M	345W	T	(L6 x6x1/2)	11	2	71.55
2	m1h	PL	16 x 425	460	M270M	345W	T		11	3	24.55
2	m1m	PL	16 x 400	415	M270M	345W	T		11	3	20.85
1	m1p	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09
2	CF14		CROSSFRAMES								368.61
4	a	L	152 x 152 x 12.7	2040	M270M	345W	T	(L6 x6x1/2)	11	2	60.59
2	b	L	152 x 152 x 12.7	2657	M270M	345W	T	(L6 x6x1/2)	11	2	78.91
2	c	L	152 x 152 x 12.7	2412	M270M	345W	T	(L6 x6x1/2)	11	2	71.64
4	m1h	PL	16 x 425	460	M270M	345W	T		11	3	24.55
4	m1m	PL	16 x 400	415	M270M	345W	T		11	3	20.85
2	m1p	PL	16 x 202	240	M270M	345W	T	FILL	11	3	6.09

TOTAL WEIGHT THIS SHEET: 3687.01 kg

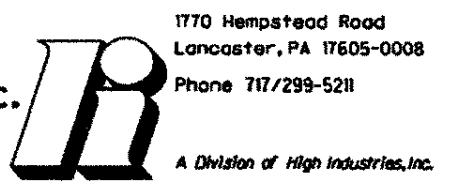
RECEIVED
OK'D BY: JWC OK'D BY:
JUN 21 2005
RESUBMIT: APPROVED:
BY: DATE:

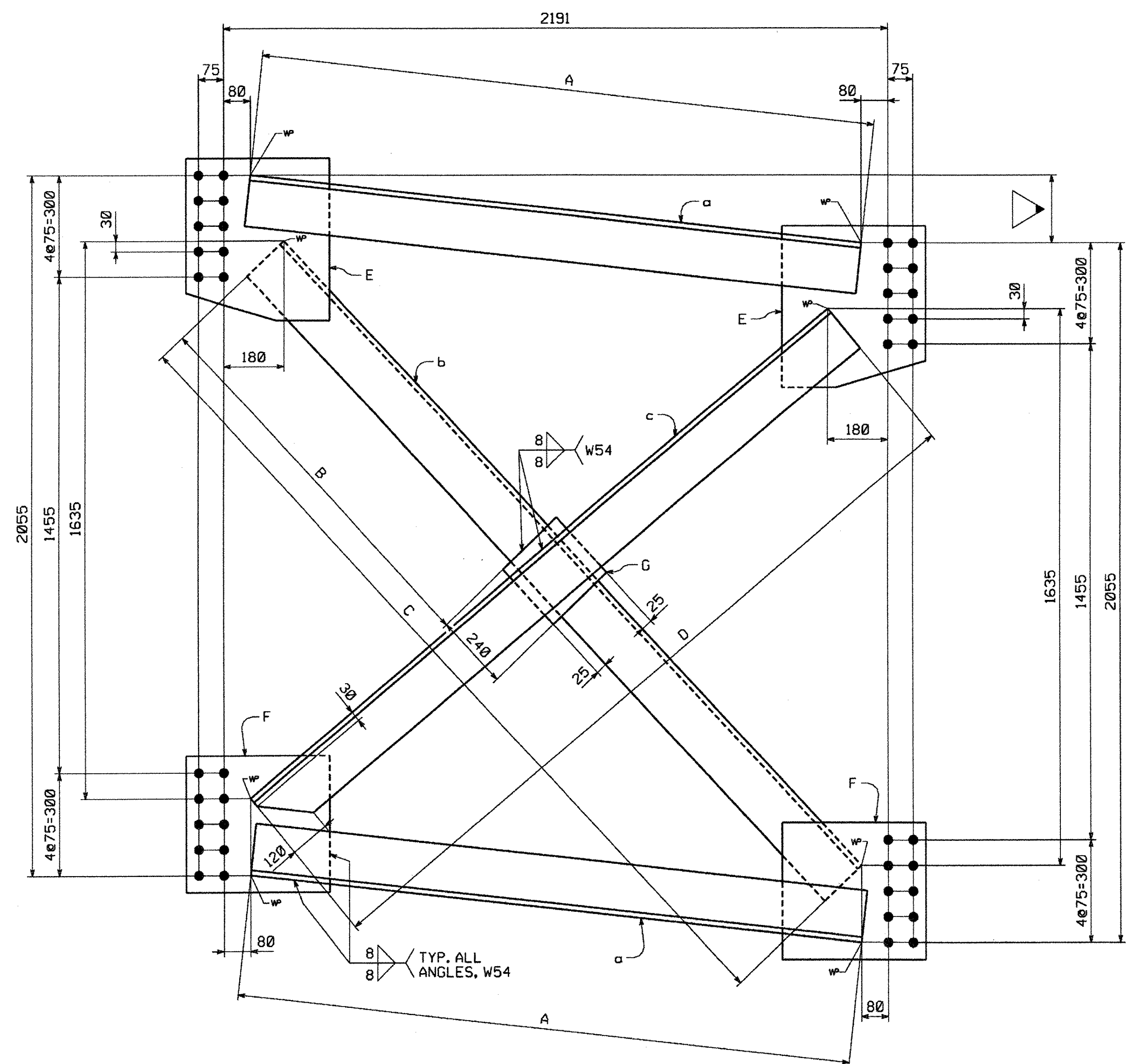
- Reviewed
- Rejected
- Furnish as Corrected
- Revise and Resubmit
- Submit Specified Item

This review is only for general conformance with the design concept and the information given in the Construction Documents. Corrections or comments made on the shop drawings during the review do not relieve the contractor from compliance with the requirements of the plans and specifications. Review of a specific item shall not include review of an assembly of which the item is a component. The Contractor is responsible for dimensions to be confirmed and correlated at the job site. Information that pertains to the fabrication process or to the means, methods, techniques, sequences and procedures of construction, coordination of the Work with that of all other trades and performing all work in a safe and satisfactory manner.

McFarland-Johnson, Inc.
Date: 6/10/05
By: ERW

SHOP NOTE
HOLES: 15/16" ø
BOLTS: NONE
PAINT: SEE DWG. G01 (U.N.)
FOR GENERAL SHOP NOTES, SEE DWG. G01.

NO.	REVISION	BY	DATE
 HIGH STEEL STRUCTURES, INC. 1770 Hempstead Road Lancaster, PA 17605-0008 Phone 717/299-5211 A Division of High Industries, Inc.			
CROSSFRAMES CF9 THRU CF14			
U.S. RTE. 5 (BRIDGE #60) OVER LULLS BROOK			
U.S. RTE. 5 STA. 3+080.77 TO STA. 3+123.110			
TOWN OF HARTLAND			
WINDSOR COUNTY, VERMONT			
STATE OF VERMONT, AGENCY OF TRANSPORTATION			
STATE CONTRACT OR REF. NO. PROJECT NO. BRS-0113(22)			
CONTRACTOR MILLER CONSTRUCTION, INC.			
IN CHARGE: GLIDDEN (IH)	MADE BY: KJW	CHK'D BY: MGK	DATE: 4/18/05
CONTRACT NUMBER: VT-05017-1		DRAWING NUMBER: 2 OF 15	



INTERMEDIATE CROSSFRAMES

MARK	A	B	C	D	E	F	G	REMARKS	
CF9	210	2042	1219	2671	2400	m1h	m1m	m1p	NO PAINT
CF10	205	2041	1217	2667	2403	m1h	m1m	m1p	NO PAINT
CF11						m1k	m1n	m1s	PAINTED
CF12	200	2041	1215	2664	2406	m1h	m1m	m1p	NO PAINT
CF13	195	2040	1213	2660	2409	m1h	m1m	m1p	NO PAINT
CF14	190	2040	1212	2657	2412	m1h	m1m	m1p	NO PAINT

BY: mkr-ndel

PLOTTED: 4/20/2005 6:45:03 AM

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