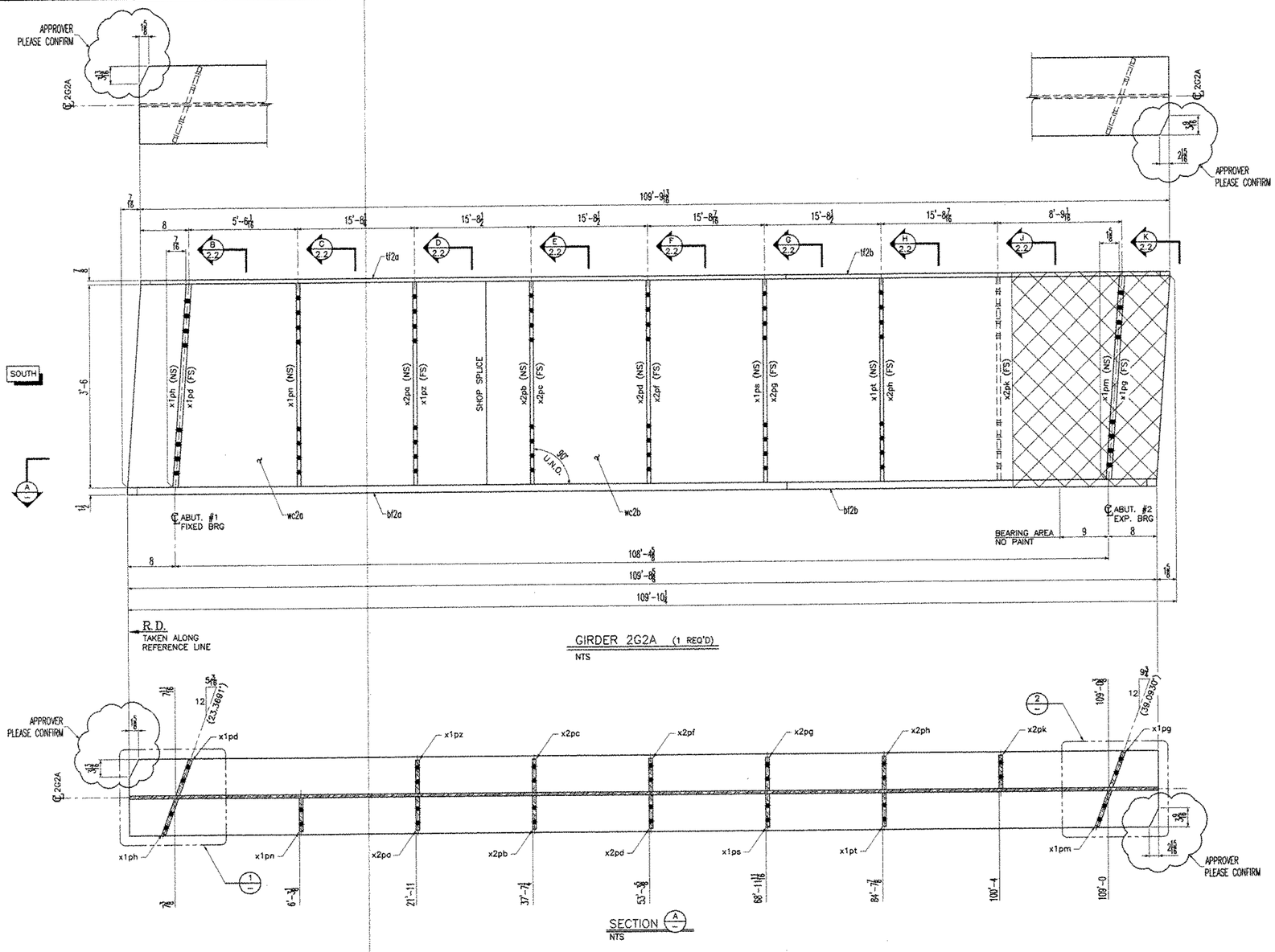
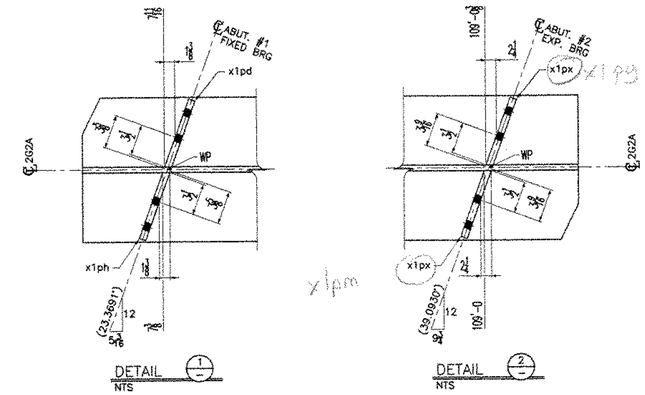


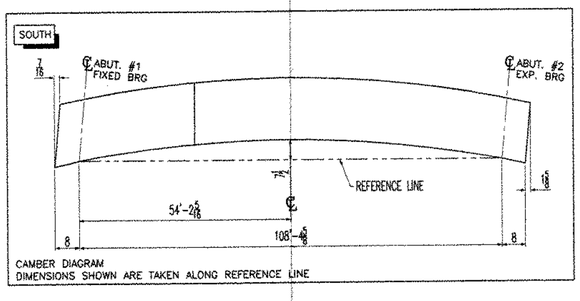
GIRDER 2G2A (1 REQ'D)
NTS

SECTION A
NTS

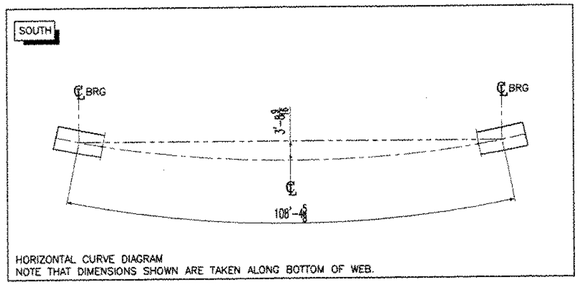


DETAIL 1
NTS

DETAIL 2
NTS



CAMBER DIAGRAM
DIMENSIONS SHOWN ARE TAKEN ALONG REFERENCE LINE



HORIZONTAL CURVE DIAGRAM
NOTE THAT DIMENSIONS SHOWN ARE TAKEN ALONG BOTTOM OF WEB.

BILL OF MATERIAL

Drawing Number	Revision Number	Ship Mark	Piece Mark	Qty	Type of Material	Size of Material	Grade	Length	Weight	Finish	Notes
2		2G2A	wc2a	1	PL Plate	5/8x42	M270-GR50W	35'-10	3198	(CVN)	1
2		2G2A	wc2b	1	PL Plate	5/8x42	M270-GR50W	74'-0 1/4	6606	(CVN)	2
2		2G2A	tf2a	1	PL Plate	7/8x16	M270-GR50W	74'-0 1/4	3523		4
2		2G2A	tf2b	1	PL Plate	7/8x16	M270-GR50W	35'-9 5/8	1704		3
2		2G2A	bf2a	1	PL Plate	1 1/2x16	M270-GR50W	72'-0 3/8	5874	(CVN)	8
2		2G2A	bf2b	1	PL Plate	1 1/2x16	M270-GR50W	37'-8 5/16	3076	(CVN)	7
2		2G2A	x1pd	1	PL Plate	7/8x8	M270-GR50W	3'-6	83	(CVN)	11
2		2G2A	x1pg	1	PL Plate	7/8x8	M270-GR50W	3'-6	83	(CVN)	11
2		2G2A	x1ph	1	PL Plate	7/8x8	M270-GR50W	3'-6	83	(CVN)	11
2		2G2A	x1pm	1	PL Plate	7/8x8	M270-GR50W	3'-6	83	(CVN)	11
2		2G2A	x1pn	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x1ps	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x1pt	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x1pz	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pa	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pb	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pc	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pd	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pf	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pg	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2ph	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12
2		2G2A	x2pk	1	PL Plate	1/2x7	M270-GR50W	3'-6	42	(CVN)	12

TOTAL WEIGHT	24817
-CUTS	30
+FIELD BOLTS	REFER TO 'E1' DWG
+WELD	142
NET TOTAL	24929

NOTES:
1- GENERAL NOTES: SEE DRAWING GN1
2- HOLES : 15/16ø (U.N.O.)
3- ▨ : PAINT ZONE (SEE DRAWING GN1)

☐ 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 this review do not relieve the contractor from compliance with the requirements of the plans and specifications. Review of a separate item does not include review of an assembly of which this item is a component. The contractor is responsible for dimensions to be confirmed and correlated at the jobsite, fabrication processes and techniques 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 12-17-03
By RSW

RESERVED FOR STAMPS

BRIDGE SYSTEMS DIVISION
SHOP DRAWING REVIEW
GA 4-20-04

DRAWINGS PREPARED BY:
AMEC E&C SERVICES LTD, 4765 1ST AVENUE, SUITE 120, CHARLESBOURG (QUEBEC), CANADA G1H 2T3 #030731-EAS

REV	DATE	DESCRIPTION
△		

QTY	DATE	ISSUED TO	FOR
8	11/17/03	FRANK W. WHITCOMB CONSTRUCTION CO.	APPROVAL

NOTICE
This drawing shall not be used or reproduced in any manner, nor shall any similar drawings or structures be made therefrom, nor shall the information thereon be used for any purpose other than that for which it is released without the written consent of an officer of EASTERN BRIDGE LLC.

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

PROJECT: BRIDGE #12 VT 103-TH OVER WILLIAMS RIVER
LOCATION: CHESTER, VERMONT
ENGINEER: McFARLAND-JOHNSON, INC.
CUSTOMER: EASTERN BRIDGE LLC
DRAWING TITLE: GIRDER 2G2A
DRAWN BY: D.B. 10/22/03
CHECKED BY: L.D. 11/14/03
JOB NUMBER: 4065
SHEET NUMBER: 2.1

WORK WITH DRAWING 2.2

08855