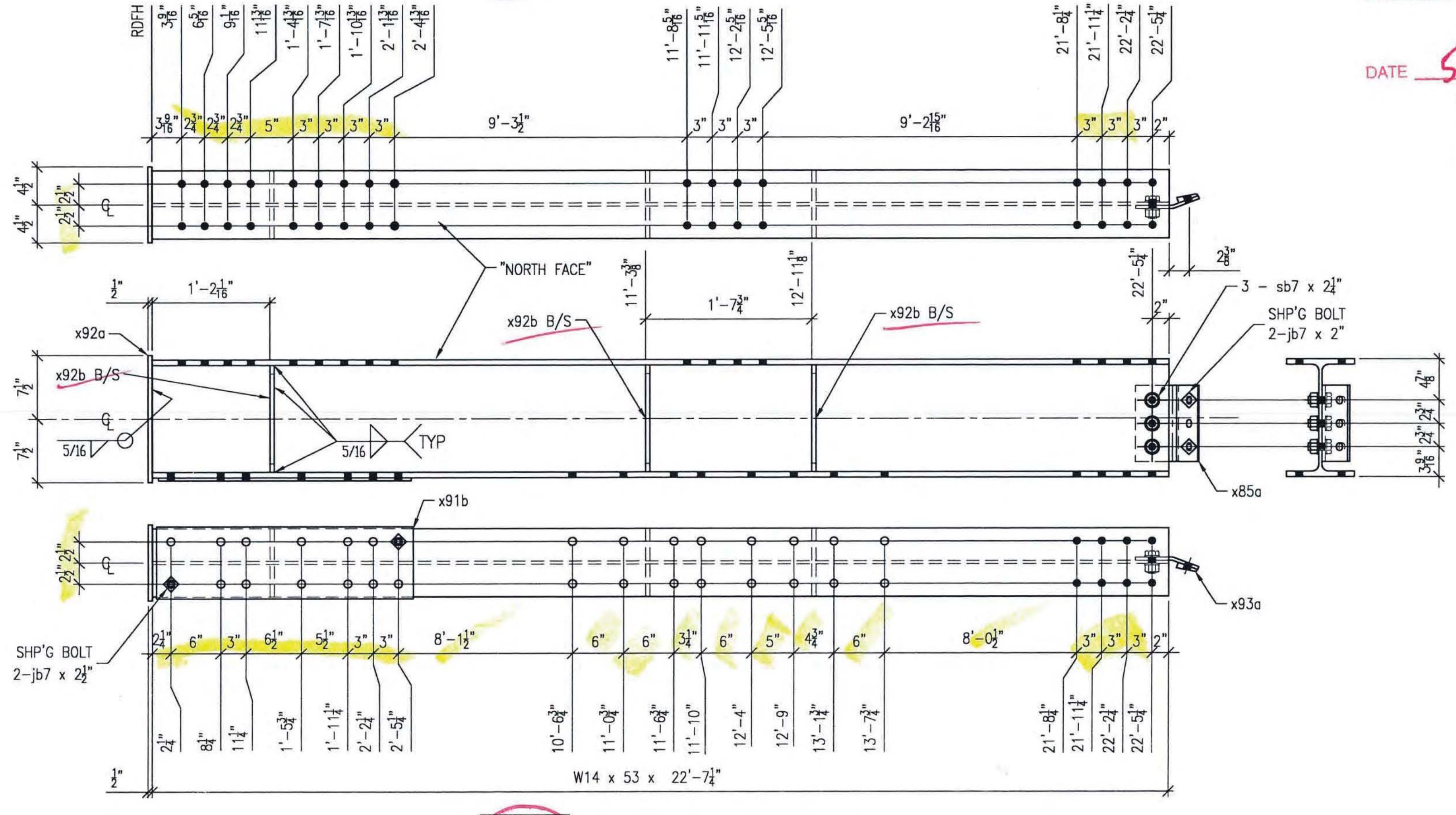


ONE REQ'D ~ Mk. M91A

LIFTING WEIGHT
? lbs



ONE REQ'D ~ Mk. M91B

LIFTING WEIGHT
? lbs

- NO EXCEPTION TAKEN
- REJECTED
- MAKE CORRECTIONS NOTED
- REVISE AND RESUBMIT
- SUBMIT SPECIFIED ITEM

CHECKING IS ONLY FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. ANY ACTION SHOWN IS SUBJECT TO THE REQUIREMENTS OF THE PLANS AND SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR DIMENSIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE; FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATION OF HIS WORK WITH THAT OF ALL OTHER TRADES AND THE SATISFACTORY PERFORMANCE OF THE WORK.

DATE 5/9/12 BY CHA PRR/W

PAINT NOTES:

- ALL ITEMS THIS SHEET TO RECEIVE UPPER STEEL PAINT SYSTEM PER GN1.
- CLEAN AND PRIME BOLTED PARTS PRIOR TO ASSEMBLY.
- PRIMER ONLY, WITHIN 3" FROM ALL OPEN HOLES, (A307) SHIPPING BOLTS AND NUTS OR TO NEAREST EDGE OR PERPENDICULAR SURFACE (WHICHEVER IS LESS) UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL TORQUED BOLTS TO RECEIVE COMPLETE PAINT SYSTEM NOTED. NO PAINT ON (A307) SHIPPING BOLTS AND NUTS.

NOTES:

- FOR GENERAL NOTES SEE DRAWING GN1.
- ALL BOLTS THIS SHEET TO BE FULLY TORQUED UNLESS NOTED AS (A307) SHIPPING BOLTS.
- INSTALL WASHER UNDER HEAD OF BOLT AS WELL AS NUT. ADDITIONAL WASHER IS NOT REQUIRED FOR (A307) SHIPPING BOLTS.
- ALL HOLES MARKED "X" OR "M" ARE TO BE FIELD DRILLED HOLES. DO NOT SHOP DRILL.

BILL OF MATERIALS

LINE	SEQ	SHIPPING PCS	ASS'Y PCS	MARK	SHAPE	DESCRIPTION	LENGTH		REMARKS	MATERIAL ASTM A709-50 T2 U.N.O.			
							ft	in		MATL GRADE	MATL REMARK	WEIGHT	HEAT NO
1	ONE			M91A	W	14 x 53	22	7 1/4					
2													
3	ONE			x85a	PL	3/8 x 7 13/16		9	BENT				
4	ONE			x91b	PL	3/8 x 8 1/2	2	6 1/2					
5													
6	ONE			x92a	PL	1/2 x 9	1	3					
7	6			x92b	PL	1/2 x 3 1/2	1	0 5/8					
8													
9	ONE			x93a	CUT FROM FLANGE OF C12x20.7 x 2 3/8"			9					
10													
11	3			sb7-225	BOLT	7/8 #		2 1/4	1nd/2nd	A325			
12													
13	2			jb7-25	BOLT	7/8 #		2 1/2		A307			
14	2			jb7-2	BOLT	7/8 #		2		A307			
15													
16													
17	ONE			M91B	W	14 x 53	22	7 1/4					
18													
19	ONE			x85a	PL	3/8 x 7 13/16		9	BENT				
20	ONE			x91b	PL	3/8 x 8 1/2	2	6 1/2					
21													
22	ONE			x92a	PL	1/2 x 9	1	3					
23	6			x92b	PL	1/2 x 3 1/2	1	0 5/8					
24													
25	ONE			x93a	CUT FROM FLANGE OF C12x20.7 x 2 3/8"			9					
26													
27	3			sb7-225	BOLT	7/8 #		2 1/4	1nd/2nd	A325			
28													
29	2			jb7-25	BOLT	7/8 #		2 1/2		A307			
30	2			jb7-2	BOLT	7/8 #		2		A307			
31													
32													

ALL HOLES TO BE PUNCHED U.N.O.

LEGEND:

- C = CENTERLINE
- CTR'D = CENTERED
- C/C = CENTER TO CENTER
- FLG = FLANGE
- TOP = TOP
- BTM = BOTTOM
- RDFH = RUNNING DIMENSIONS FROM HERE
- = FIELD BOLTS (QUANTITY) DIAMETER x LENGTH
- ◇ = ALTERNATE HOLE DIAMETER
- TYP = TYPICAL
- N/S = NEAR SIDE
- F/S = FAR SIDE
- B/S = BOTH SIDES
- BTS = BOLT TO SHIP
- SHP'G BOLT = SHIPPING BOLT
- ◇ = SHIPPING BOLT
- D.O.R. = DIRECTION OF ROLL
- T2 = CHARPY V-NOTCH TESTING REQUIRED
- F2 = FRACTURE CRITICAL MATERIAL
- X = FIELD DRILLED HOLE
- M = FIELD DRILLED HOLE

ALL DIMENSIONS HAVE BEEN FIELD VERIFIED
BY: _____ DATE: _____

NO.	DATE	BY	FOR APPROVAL	REVISION
	04/25/12	RC		

STS STEEL, INC.
ENGINEERS * FABRICATORS * ERECTORS
PH: (518) 370-2693 FAX: (518) 370-2696

DRAWING TITLE
UPPER STEEL (SWAY FRAMES @ U4 & U14)

PROJECT No. US RT 2 BRIDGE No 24 FEDERAL AID No.
ENGINEER: CHA
CUSTOMER: Harrison & Burrows Bridge Constructors, Inc.
PROJECT: RICHMOND, VT - TRUSS BRIDGE REHAB
RICHMOND, VT

HOLES: 15/16" U.N.O. PAINT: PER SPEC DATE: 04/16/12
BOLTS: A325 U.N.O. DR.BY: PG JOB NO. 1156
WELDS: AWS D1.5 CHK.BY: SG DWG NO. 91

