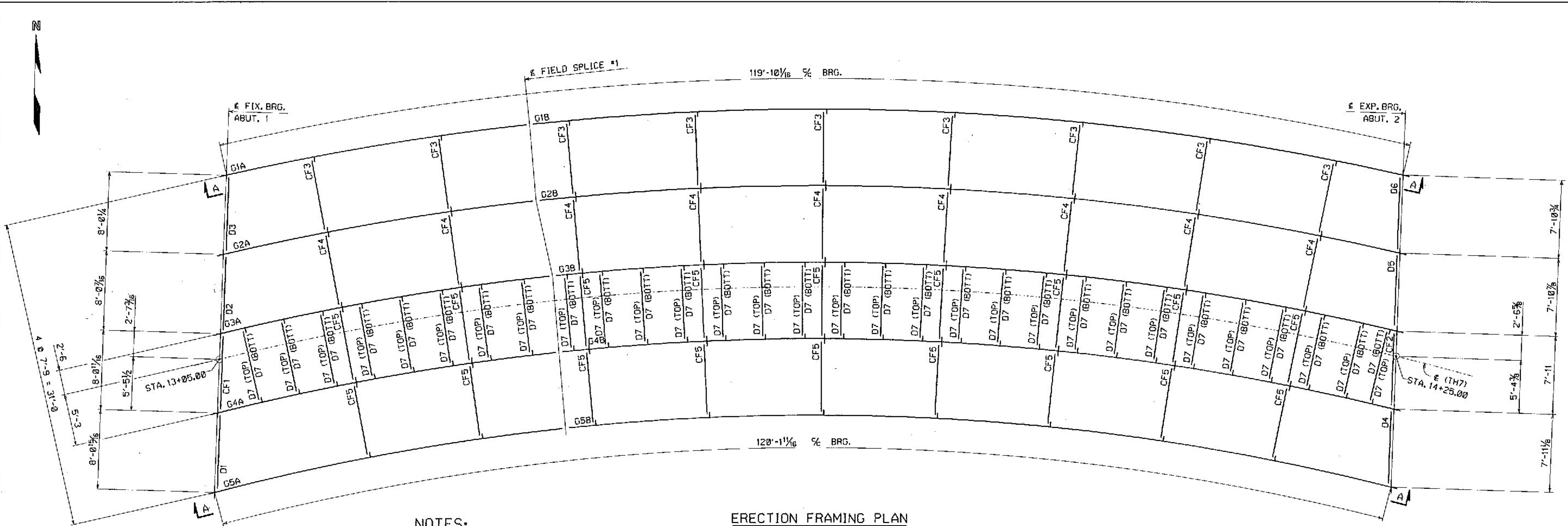


ENGLISH



ERECTION FRAMING PLAN

NOTES:

NO CREDIT WILL BE ALLOWED FOR WORK PERFORMED BY OTHERS IN REPLACING OR CORRECTING MATERIALS OR WORKMANSHIP COVERED BY THIS DRAWING UNLESS EXPRESSLY AUTHORIZED BY HIGH STEEL STRUCTURES, INC. HIGH STEEL STRUCTURES, INC. DOES NOT SUPPLY STUD SHEAR CONNECTORS, ROD HANGERS, HARDWARE AT SEWER MAIN, BEARINGS, BEARING PADS, OR ANCHOR BOLTS. **ERECTOR NOTE:** ELEVATIONS, CAMBER CHECKS AND HORIZONTAL ALIGNMENT OF FIELD SPLICES MUST BE COMPLETED PRIOR TO FINAL BOLTING. HIGH STEEL STRUCTURES IS TO BE NOTIFIED AND CONSULTED, PRIOR TO FINAL BOLTING, IF SPLICE LOCATIONS ARE NOT WITHIN ACCEPTABLE TOLERANCE. BOTH VERTICAL & HORIZONTAL CORRECTION OF ANY UNACCEPTABLE SPLICES AFTER FINAL BOLTING WILL BE AT NO COST TO HIGH STEEL STRUCTURES. **NOTICE:** WEIGHTS OF MEMBERS LISTED ON THESE DRAWINGS ARE ESTIMATED WEIGHTS AND ACTUAL WEIGHTS WILL VARY. HIGH STEEL STRUCTURES, INC. WILL NOT BE RESPONSIBLE FOR ANY ERECTION PROCEDURES, SHIPPING PROCEDURES, ETC. DEVELOPED USING ESTIMATED WEIGHTS AS SHOWN. ALL DIMENSIONS ARE GIVEN HORIZONTALLY (U.M.). **ERECTOR NOTE:** ALL BOLTS MUST BE LOCATED IN ACCORDANCE WITH THE LIST OF FIELD CONNECTIONS. HIGH STEEL STRUCTURES WILL NOT BE RESPONSIBLE FOR FURNISHING ADDITIONAL BOLTS OR FOR ANY OTHER RELATED COSTS OR DAMAGES RESULTING FROM IMPROPER LOCATION OF BOLTS. ALL FIELD BOLTS THRU WEB OF FASCIA GIRDOERS ARE TO HAVE HEADS ON OUTSIDE OF WEB. ALL FIELD BOLTS THRU BOTTOM FLANGE ARE TO HAVE HEADS UP. (RCT) INDICATES ROTATIONAL CAPACITY TESTED BOLTS. DO NOT MIX NUTS, BOLTS AND WASHERS FROM DIFFERENT CONTAINERS UNLESS ALL NUTS, BOLTS AND WASHERS HAVE THE SAME LOT NUMBER. ANCHOR BOLTS MUST BE SET BEFORE DIAPHRAGMS/CROSSFRAMES AT BEARINGS ARE ERECTED. SEE DRAWING SAI FOR SHOP ASSEMBLY DIAGRAM.

FIELD BOLT SUMMARY - SHIP. #1
(2% ADDITIONAL BOLTS ADDED + 3 EA. FOR TESTING)

AASHTO M164 TYPE 3 (RCT); W/HVY HEX HD	
199	- 7/8" HIGH STRENGTH BOLTS x 0'-6 1/2
117	- 7/8" HIGH STRENGTH BOLTS x 0'-4 1/2
199	- 7/8" HIGH STRENGTH BOLTS x 0'-3 1/4
125	- 7/8" HIGH STRENGTH BOLTS x 0'-2 3/4
588	- 7/8" HIGH STRENGTH BOLTS x 0'-2 1/2
1,178	- 7/8" HIGH STRENGTH BOLTS x 0'-2 1/4
370	- 3/4" HIGH STRENGTH BOLTS x 0'-2 1/4
AASHTO M291 GRADE DH3 (RCT); HVY HEX	
2,406	- NUTS FOR 7/8" BOLT
370	- NUTS FOR 3/4" BOLT
AASHTO M293 TYPE 3 (RCT); ROUND & FLAT	
2,406	- STD WASHERS FOR 7/8" BOLT
370	- STD WASHERS FOR 3/4" BOLT

SHIPPING GROUP A1

SHIPPING PIECE MARK	QUANTITY
G1A	1
G2A	1
G3A	1
G4A	1
G5A	1
D1	1
D2	1
D3	1
D7	16
CF1	1
CF3	2
CF4	2
CF5	4

SHIPPING PIECES

SHIPPING PIECE MARK	WEIGHT EST. (LBS)	QTY	DWG NO.
G1A	13,114	1	
G2A	13,811	2	
G3A	9,604	3	
G4A	9,842	4	
G5A	9,400	5	
G1B	32,593	6	
G2B	32,733	7	
G3B	22,955	6	
G4B	22,740	9	
G5B	20,553	10	
D1	1,111	11	
D2	1,104	11	
D3	1,102	11	
D4	1,088	11	
D5	1,085	11	
D6	1,083	11	
D7	144	11	
CF1	456	12	
CF2	447	12	
CF3	447	13	
CF4	447	13	
CF5	448	14	

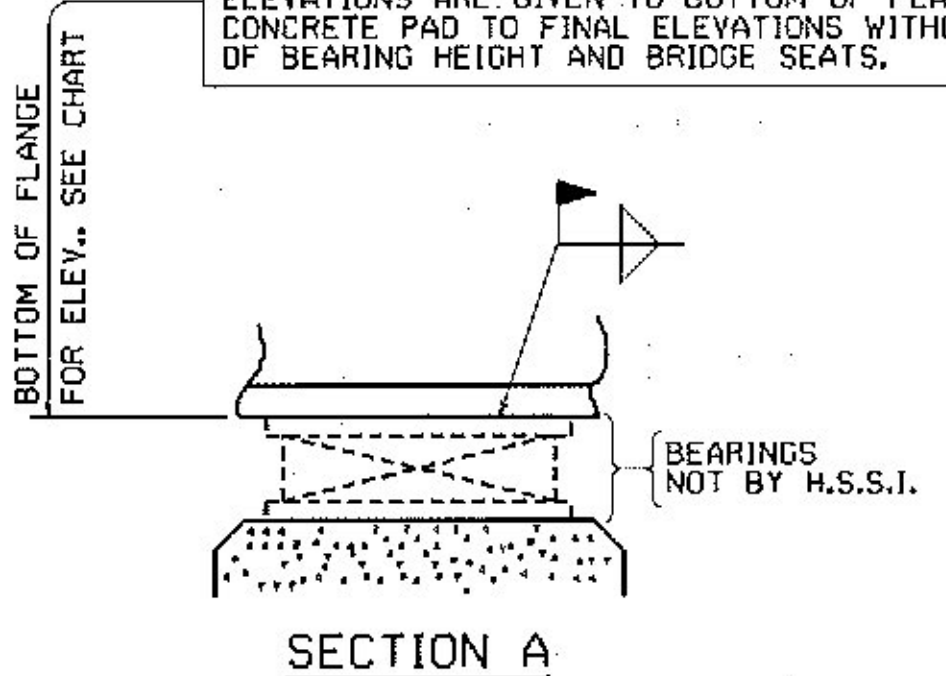
SHIPPING GROUP B1

SHIPPING PIECE MARK	QUANTITY
G1B	1
G2B	1
G3B	1
G4B	1
G5B	1
D4	1
D5	1
D6	1
D7	44
CF2	1
CF3	7
CF4	7
CF5	14

LIST OF FIELD CONNECTIONS

LINE	ACTUAL NUMBER REQ'D	BOLT DIAM.	BOLT LENGTH	BOLTS PER CORN.	NO. OF CORN.	GNIP	THICKNESS OF PIECES JOINED	PIECES CONNECTED AND REMARKS
1	510	7/8	2 1/2	102	5	1 1/4	5/16 5/8 5/16	WEB SPL @ FS1 G1-G5
2	96	7/8	3 1/4	32	3	1 7/8	1/2 7/8 1/2	TOP FLG SPL @ FS1 G3-G5
3	112	7/8	4 1/2	56	2	3 1/8	7/8 1 3/8 7/8	TOP FLG SPL @ FS1 G1-G2
4	96	7/8	3 1/4	32	3	1 7/8	1/2 7/8 1/2	BOT FLG SPL @ FS1 G3-G5
5	192	7/8	6 1/2	96	2	5 1/8	1 3/8 2 3/8 1 3/8	BOT FLG SPL @ FS1 G1-G2
6	120	7/8	2 3/4	10	12	1 3/8	5/8 3/4	ABUT. DIAPH. TO BRG. STIFF.
7	64	7/8	2 1/2	16	4	1 1/4	1/2 3/4	ABUT. CF. GUSS. PL. TO BRG. STIFF.
8	1152	7/8	2 1/4	16	72	1	1/2 1/2	INTERM. CF. GUSS. PL. TO CONN. PL.
9	360	3/4	2 1/4	6	60	1	1/2 1/2	UTILITY SUPP. TO CONN. PL.

CONTRACTOR NOTE:
ELEVATIONS ARE GIVEN TO BOTTOM OF FLANGE - DO NOT POUR CONCRETE PAD TO FINAL ELEVATIONS WITHOUT VERIFICATION OF BEARING HEIGHT AND BRIDGE SEATS.



ELEVATIONS AT BEARING POINTS (In Feet)

LINE NO.	ABUT. 1	ABUT. 2
G1	734.76	729.40
G2	734.75	729.21
G3	734.75	729.03
G4	734.60	728.58
G5	734.46	728.33

Vermont Agency of Transportation
RECEIVED
CK'D BY J. CLARK OK'D BY J. GRIFFIN
February 12, 2013
RESUBMIT NO Approved
BY J. LACROIX DATE 02/25/2013

NO.	REVISION	BY	CHK'D	DATE

HIGH STEEL STRUCTURES
An AISC 500/2000 Certified Company
An affiliate of High Industries Inc.

ERECTION FRAMING PLAN
ROUTE NO. TH7 (BRIDGE ST.) OVER STEVENS BRANCH
ROUTE NO. TH7 STA. 13+05.00 TO STA. 14+25.00
BRIDGE NO. 11, TOWN OF BARRE, COUNTY OF WASHINGTON
STATE OF VERMONT
AGENCY OF TRANSPORTATION

STATE CONT. OR REF. NO.	FED. AID PROJ. NO.
GENERAL CONTRACTOR MILLER CONSTRUCTION, INC.	HSSI PROJ. MGR. KEN GLIDDEN
DRAWING MANAGER JOSH MURRY (IH)	MADE BY CDS
HSSI PROJECT NUMBER S-1120266A-1	CHK'D BY MGK
	DATE 12/31/12
	DRAWING NUMBER E1 OF E2

SHIPMENT 01 PWA/ENG: 5025251 SHIP/REC: 5025253
 BY: J. Spitzer
 PLOTTED: 1/22/2013 10:27:04 AM