

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: April 25, 2017
Date of Addendum: April 20, 2017

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
001	82-0741-197	BRIDGE – STEEL GIRDER	SCOTT	IM-NHS-074-1(197)5--03-82	25APR001A07

Make the following changes to the PLAN:

Replace SHEETS 198, 200, 459, 461, 501, 512, 514 and 807 with attached SHEETS 198, 200, 459, 461, 501, 512, 514 and 807.

Note: Sheets 198, 200, 459, 461, 512 & 514:

Deleted note: "Seal with light gray non-sag urethane caulk after galvanizing" from Section E-E.

Sheets 200 & 514:

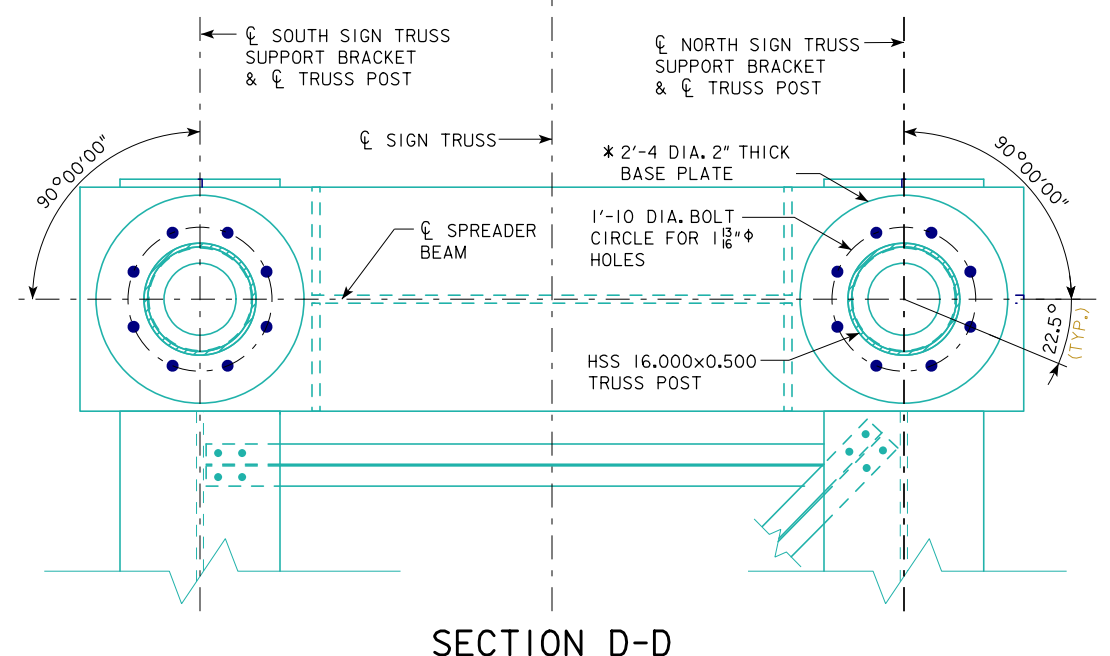
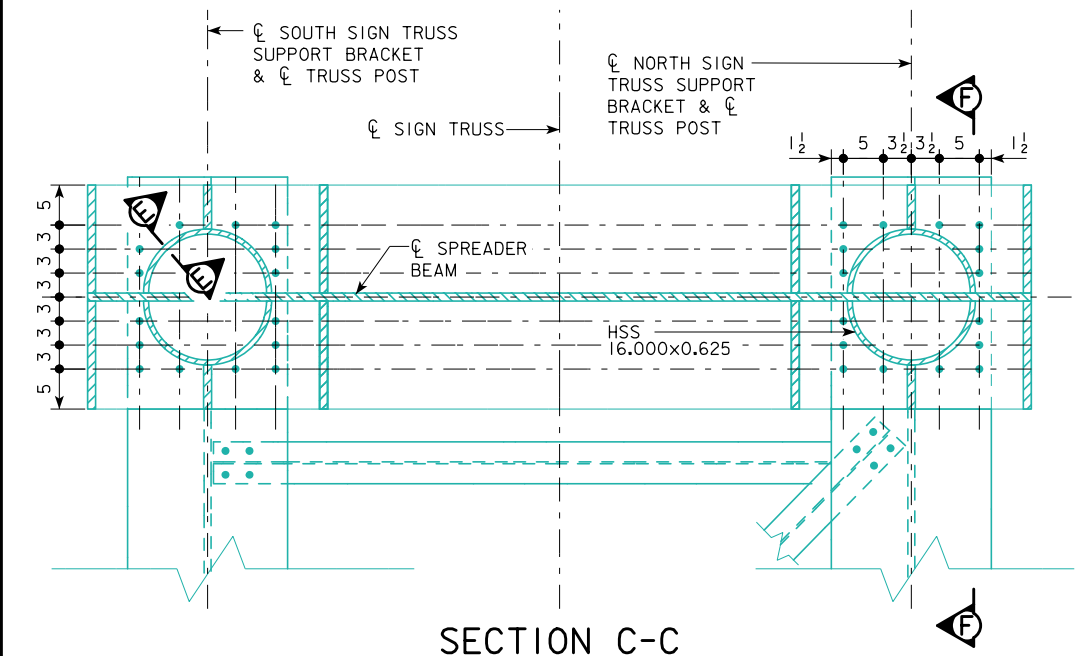
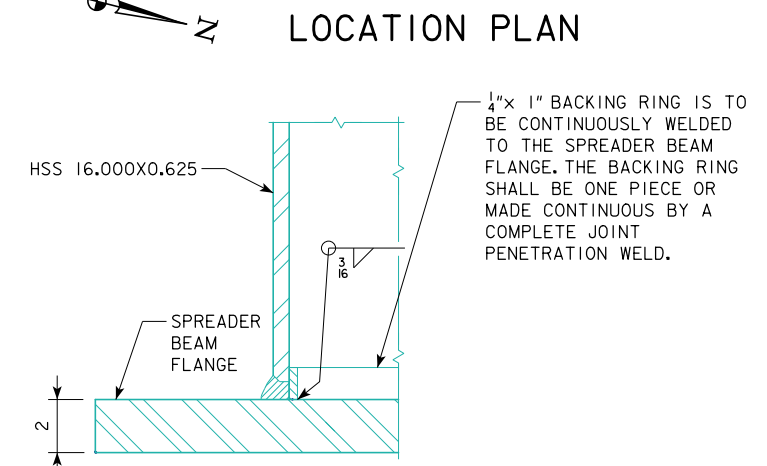
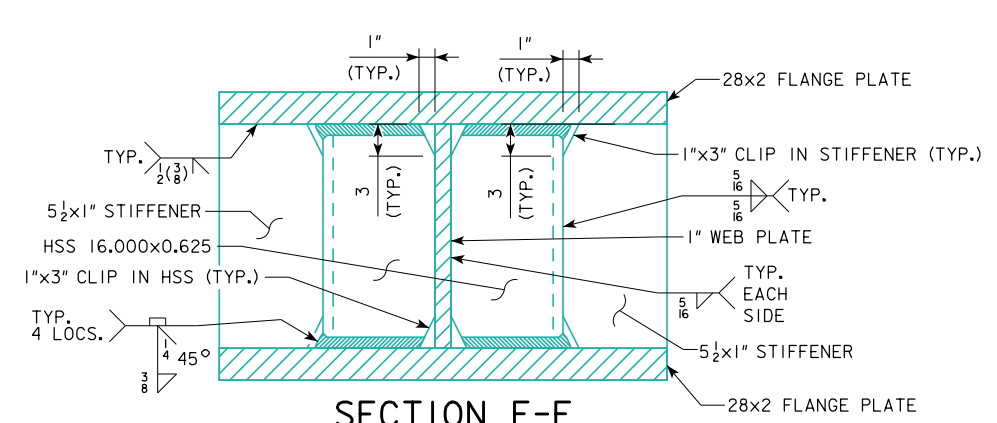
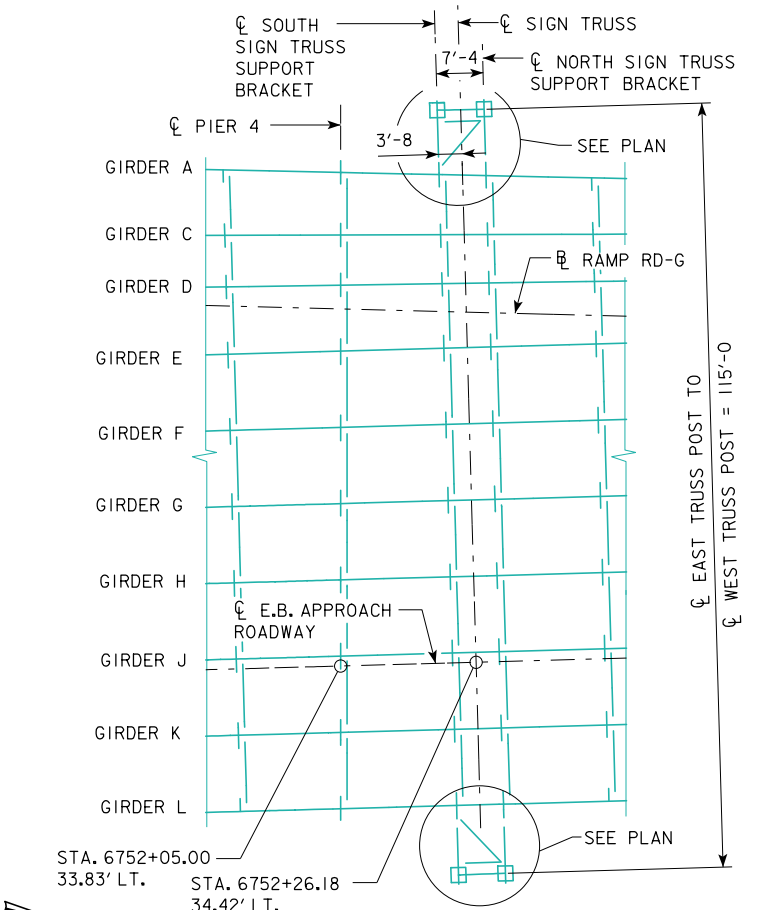
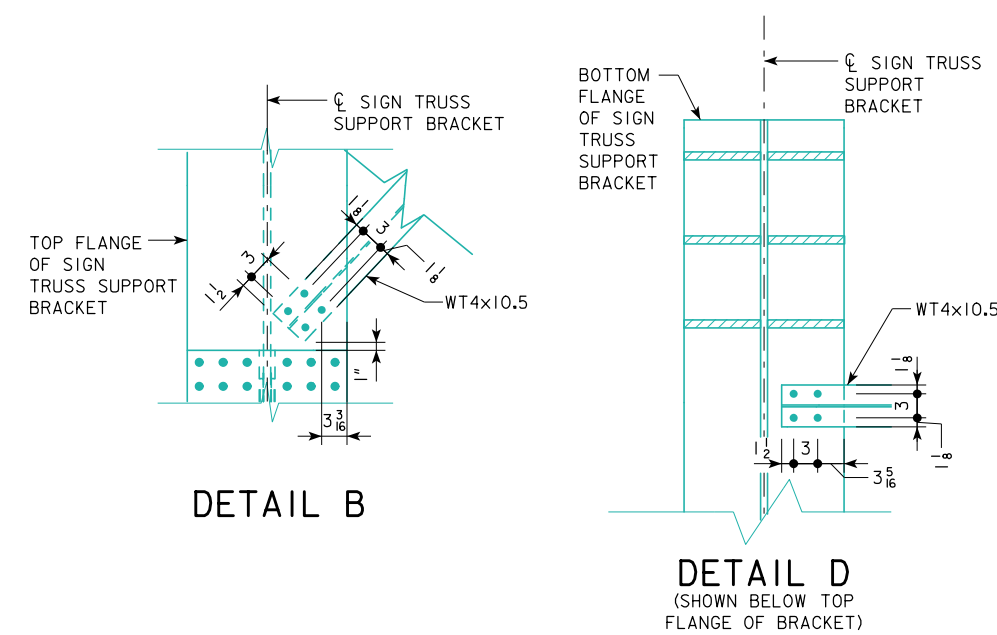
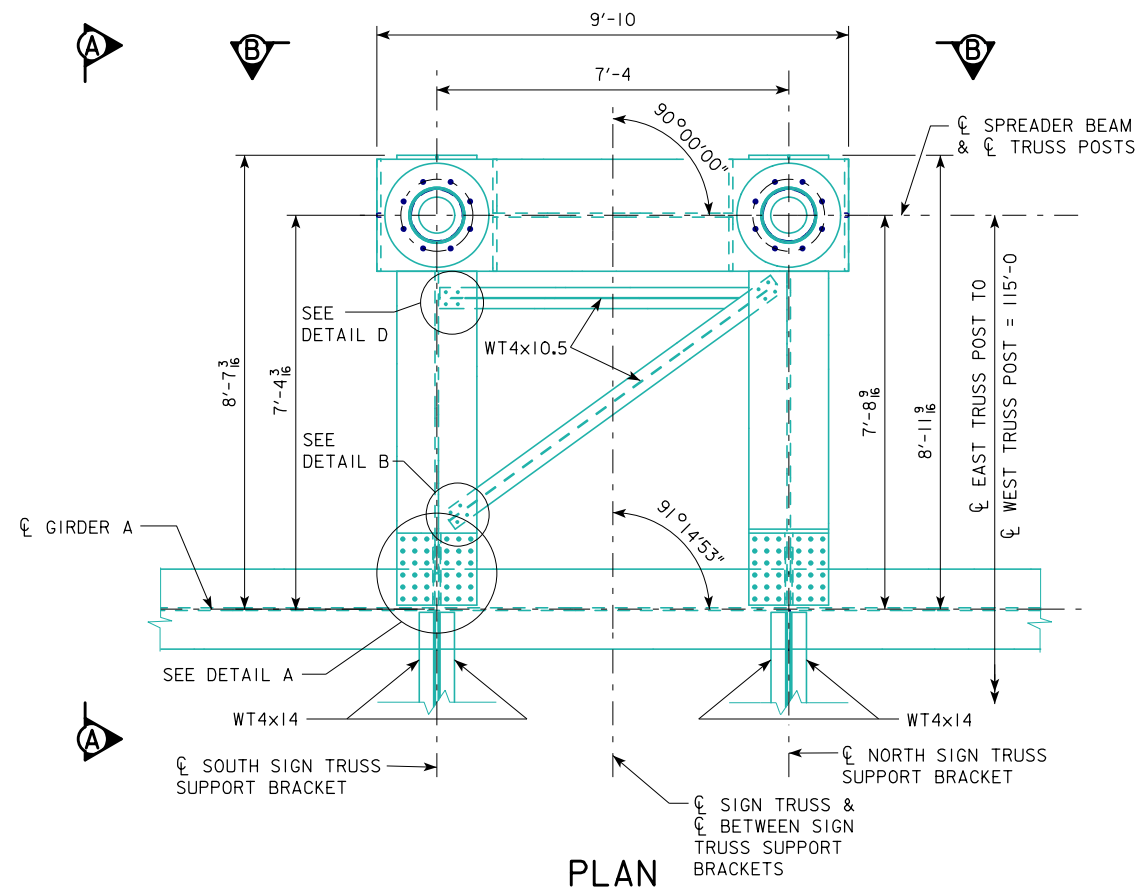
Added note: HSS 14.000x0.625 shall meet the requirements of ASTM A500, Grade B.

Sheet 461:

Added note: HSS 16.000x0.625 shall meet the requirements of ASTM A500, Grade B.

Sheets 501 & 807:

Deleted callouts for "Type 2 Intermediate Cross Frame" & "Type 3 Intermediate Cross Frame" from framing plans.

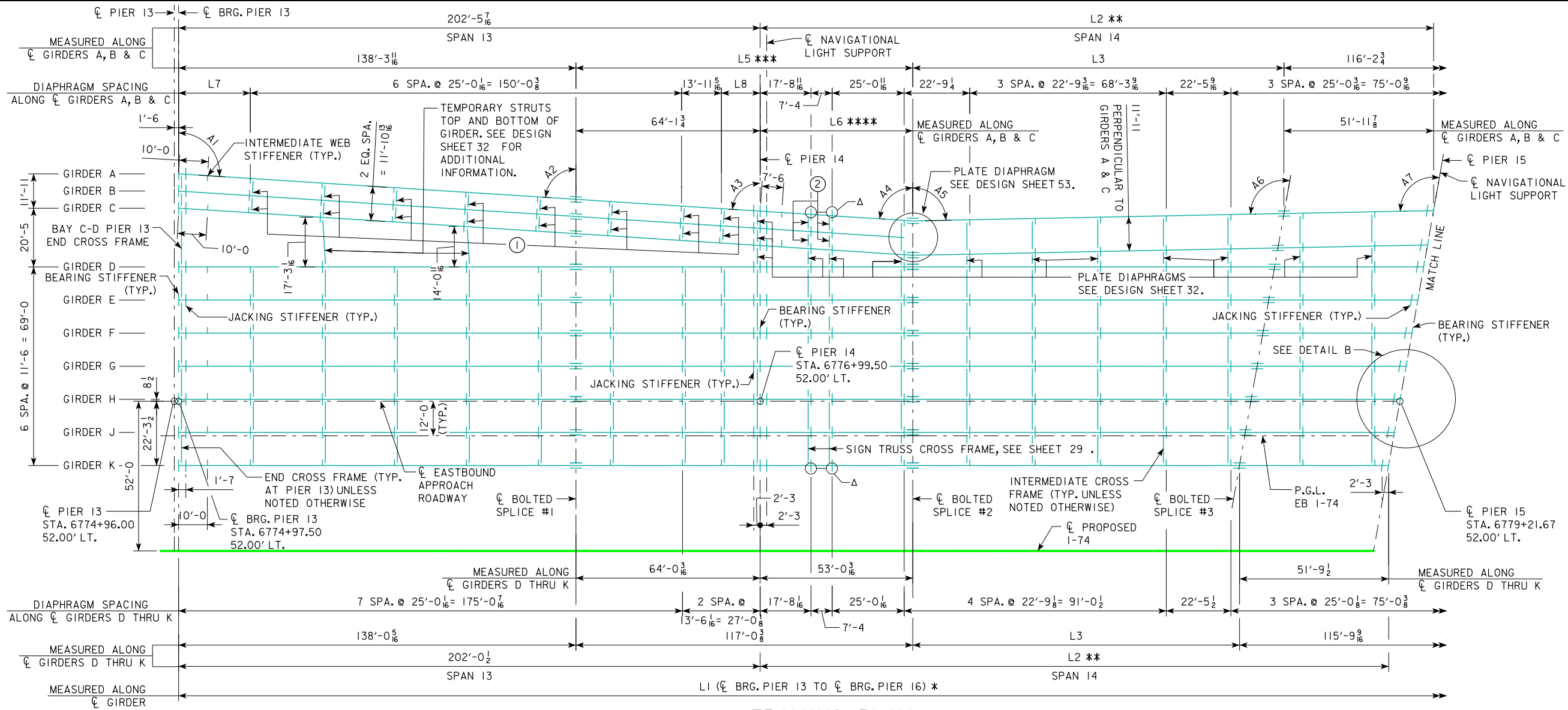


SECTION E-E
BOTTOM FLANGE SHOWN, TOP FLANGE SIMILAR

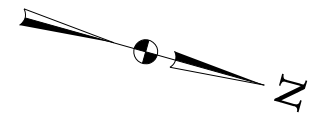
NOTES:
WORK THIS SHEET WITH DESIGN SHEET 151.
FOR NOTES, SEE DESIGN SHEET 152.

DESIGN FOR 0° SKEW
1981'-0" x VARI. CONTINUOUS WELDED GIRDER BRIDGE W/14' BIKE TRAIL
 148'-0" & 187'-0" END SPANS 150'-0" & 8-187'-0" INTERIOR SPANS
SIGN TRUSS SUPPORT DETAILS
 STA. 6757+10.50 - 47.49' LT. - 1-74 NOVEMBER 2016
SCOTT COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 150 OF 353 FILE NO. 30253 DESIGN NO. 1217

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 312-565-0450 Job No. 10061



FRAMING PLAN



GIRDER DATA								
GIRDER	L1	L2	L3	L4	L5	L6	L7	L8
A	639'-4 1/8	234'-0 15/16	128'-11 9/16	21'-10 1/4	117'-3 1/4	53'-1 1/2	25'-0 1/16	13'-5 11/16
B	252'-6 13/16	50'-1 3/8	---	---	114'-3 3/8	50'-1 3/8	24'-8 1/16	13'-9 1/16
C	637'-2 13/16	231'-11 5/8	126'-10 1/4	19'-8 15/16	117'-3 1/4	53'-1 1/2	24'-4 1/16	14'-1 11/16
D	634'-6 13/16	230'-5 5/8	125'-7 15/16	17'-7 13/16	---	---	---	---
E	632'-6 1/2	228'-5 5/8	123'-7 5/8	15'-7 1/2	---	---	---	---
F	630'-6 3/16	226'-5	121'-7 5/16	13'-7 3/16	---	---	---	---
G	628'-5 13/16	224'-4 3/8	119'-6 15/16	11'-6 3/16	---	---	---	---
H	626'-5 1/2	222'-4 15/16	117'-6 3/8	9'-6 1/2	---	---	---	---
J	624'-5 5/8	220'-3 15/16	115'-6 1/4	7'-6 1/8	---	---	---	---
K	622'-4 3/4	218'-3 9/16	113'-5 7/8	5'-5 3/4	---	---	---	---

* MEASURED ϕ BRG. PIER 13 TO END OF GIRDER FOR GIRDER B
 ** MEASURED ϕ BRG. PIER 14 TO END OF GIRDER FOR GIRDER B
 *** MEASURED ϕ BOLTED SPLICE 1 TO END OF GIRDER FOR GIRDER B
 **** MEASURED ϕ BRG. PIER 14 TO END OF GIRDER FOR GIRDER B

NOTES:

WORK WITH SHEET 38.

INTERMEDIATE DIAPHRAGMS ARE PLACED 90°00'00" TO GIRDERS D-K AND EXTEND LINEARLY TO GIRDERS A, B, AND C EXCEPT AT BIKE TRAIL BETWEEN PIERS 13 AND 14 WHERE DIAPHRAGMS ARE PLACED 90°00'00" TO GIRDERS A AND C. ANGLE OF CROSS FRAMES TO GIRDERS VARIES FOR GIRDERS A, B, AND C.

ALL DIMENSIONS ARE MEASURED ALONG ϕ GIRDERS AND ACCOUNT FOR THE VERTICAL COMPONENT DUE TO CHANGE IN ELEVATION IN ADDITION TO THE HORIZONTAL COMPONENT MEASURED IN PLAN.

SEE SHEETS 39 TO 49 FOR GIRDER DETAILS, SHEETS 27 TO 31 FOR CROSS FRAME DETAILS, SHEET 33 FOR NAVIGATIONAL LIGHT SUPPORT DETAILS AND SHEET 53 FOR PLATE DIAPHRAGM DETAILS.

FOR ADDITIONAL NOTES, SHEAR STUD DETAILS AND FLANGE TO WEB DETAILS, SEE DESIGN SHEETS 27 AND 36.

Δ SEE DESIGN SHEET 50 FOR SPLICE PLATE DETAILS FOR FUTURE OVERHEAD DMS STRUCTURE.

- ① TYPICAL BIKE TRAIL CROSS FRAME. SEE DESIGN SHEET 31 FOR ADDITIONAL INFORMATION.
- ② SIGN TRUSS BIKE TRAIL CROSS FRAME. SEE DESIGN SHEET 29 FOR ADDITIONAL INFORMATION.

DESIGN FOR VARIABLE SKEW (LA)
629'-2 x VARIES CONTINUOUS WELDED GIRDER BRIDGE W/14' BIKE TRAIL
 2-203'-6 END SPANS 222'-2 INTERIOR SPAN
FRAMING PLAN (SEGMENT 5)
 STA. 6778+10.58 52' LT. CL 1-74 NOVEMBER 2016
SCOTT COUNTY
 IOWA DEPARTMENT OF TRANSPORTATION - HIGHWAY DIVISION
 DESIGN SHEET NO. 37 OF 141 FILE NO. 30253 DESIGN NO. 1317

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CHANGED BY ADDENDA 4/13/2017