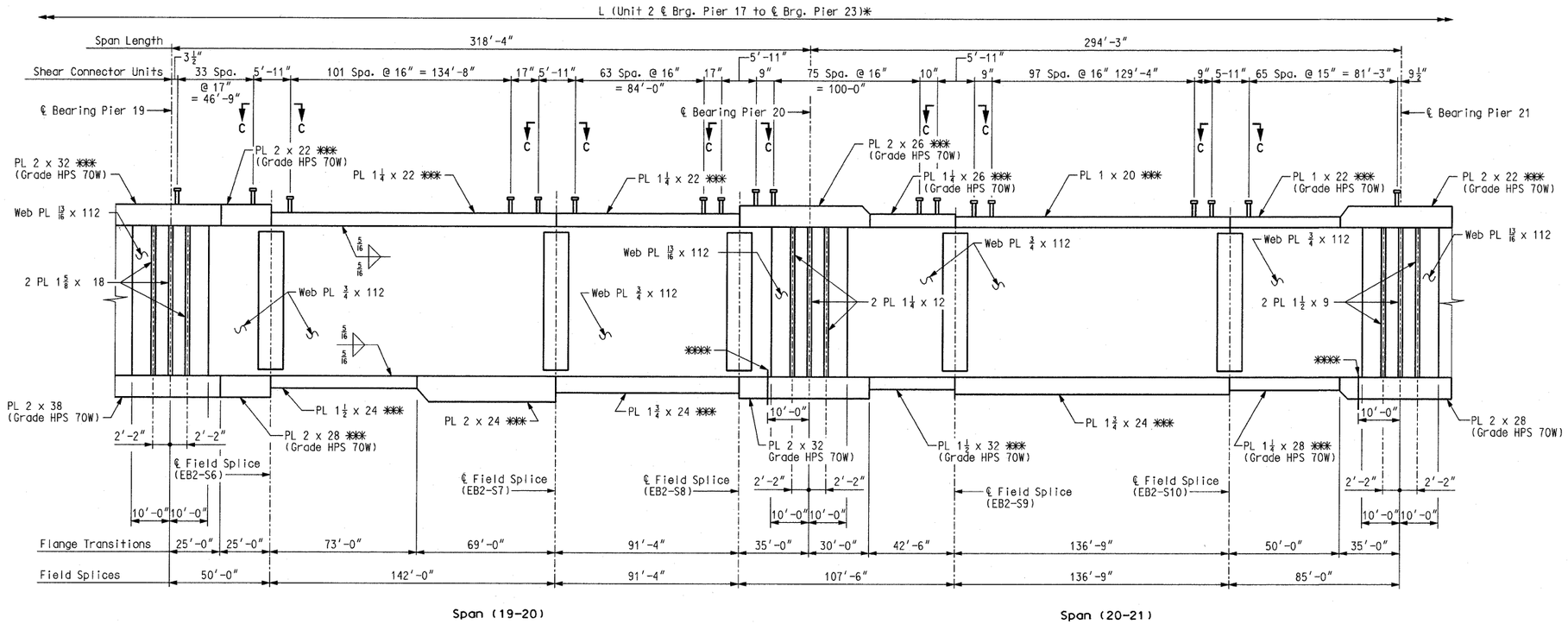
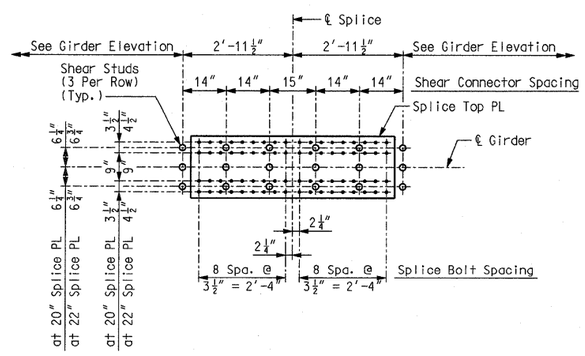


GIRDER ELEVATION

Spans (19-20) & (20-21)



SPLICE PLATE PLAN VIEW C-C

(Field Splice Detail with Shear Studs)
(9 rows of Bolts Each Side of Splice Shown;
7 Row Configuration Similar)

Notes:

✱ For table of Girder Dimension, see Sheet No. 53.
All dimensions measured along ℄ Relocated I-70.
Plate girders shall be fabricated to be in accordance with the camber diagram shown on Sheet No. 74.

✱✱✱ Indicates flange plates subject to notch toughness requirements.
All web plates shall be subject to notch toughness requirements.
All flange and web splice plates except fill plates shall be subject to notch toughness requirements.
Fabricated structural steel shall be ASTM A709 Grade 50W, except as noted.
Longitudinal dimensions are horizontal from ℄ bearing to ℄ bearing.
For Framing Plan, see Sheet No. 52.
For location of slab drain attachment holes, see slab drain details on Sheet Nos. 127 thru 130.

✱✱✱✱ Drip plate, girder 8 only. See Sheet No. 88 for details.
For details of shear connectors, see Sheet No. 88.

GIRDER ELEVATION EB - UNIT 2 (2 OF 3)

Detailed JUL 2009
Checked JUL 2009

Note: This drawing is not to scale. Follow dimensions.

s:\idot\0906601\draw_idot\cadd_sheets\structural\B_A6500_062-152_J6I0984C_062.dgn

CONTRACT NO. 76D61	
F.A. ROUTE	SECTION
999	82-1B-2
FED. AID PROJECT	ILLINOIS
COUNTY	ST. CLAIR

USER NAME = jjolliff
PLOT SCALE = ✱SCALE✱
PLOT DATE = 4/14/2010
DESIGNED - HNTB
CHECKED - CMT
DRAWN - CMT / HNTB
REVISED -
REVISED -
REVISED -
REVISED -

ILLINOIS APPROACH STRUCTURE FOR NEW I-70 MISSISSIPPI RIVER BRIDGE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISSOURI HIGHWAYS
AND TRANSPORTATION COMMISSION

HNTB
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CERTIFICATE OF AUTHORITY
NO. 001270

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