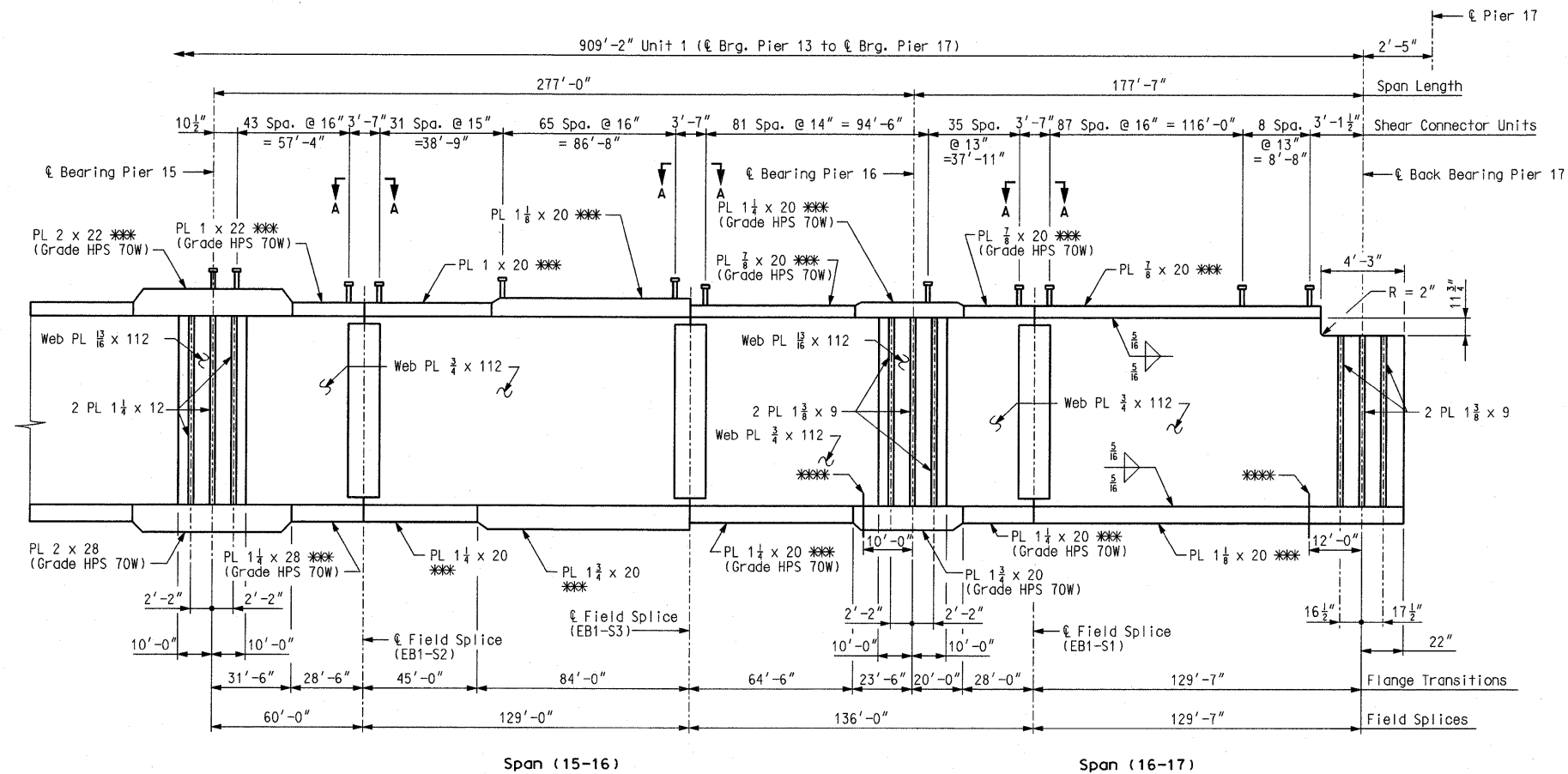
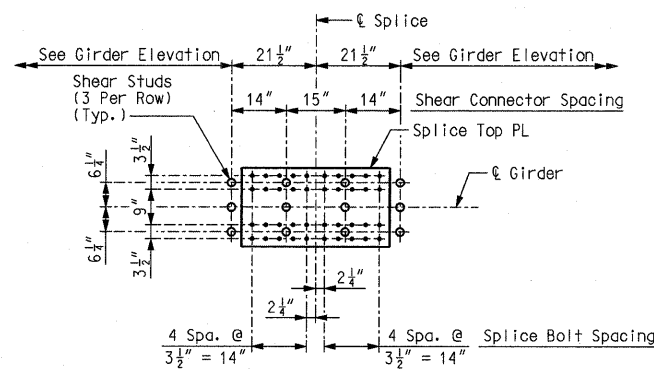


F.A. ROUTE	SECTION
999	82-1B-2
FED. AID PROJECT	ILLINOIS
COUNTY	ST. CLAIR

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



GIRDER ELEVATION
Spans (15-16) & (16-17)



SPLICE PLATE PLAN VIEW A-A
(Field Splice Detail with Shear Studs)

Notes:
 Plate girders shall be fabricated to be in accordance with the camber diagram shown on Sheet No. 69.
 *** 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 ℓ bearing to ℓ bearing.
 For Framing Plan, see Sheet No. 49.
 For location of slab drain attachment holes, see slab drain details on Sheet Nos. 127 thru 130.
 For detail of expansion device stiffener at Pier 17, see Sheet No. 88.
 *** Drip plate, girder 8 only. See Sheet No. 88 for details.
 For details of shear connectors, see Sheet No. 88.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 MISSOURI HIGHWAYS
 AND TRANSPORTATION COMMISSION
 ILLINOIS APPROACH STRUCTURE
 FOR NEW I-70 MISSISSIPPI RIVER BRIDGE

HNTB
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 KANSAS CITY, MO 64105
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 CERTIFICATE OF AUTHORITY
 NO. 001270

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