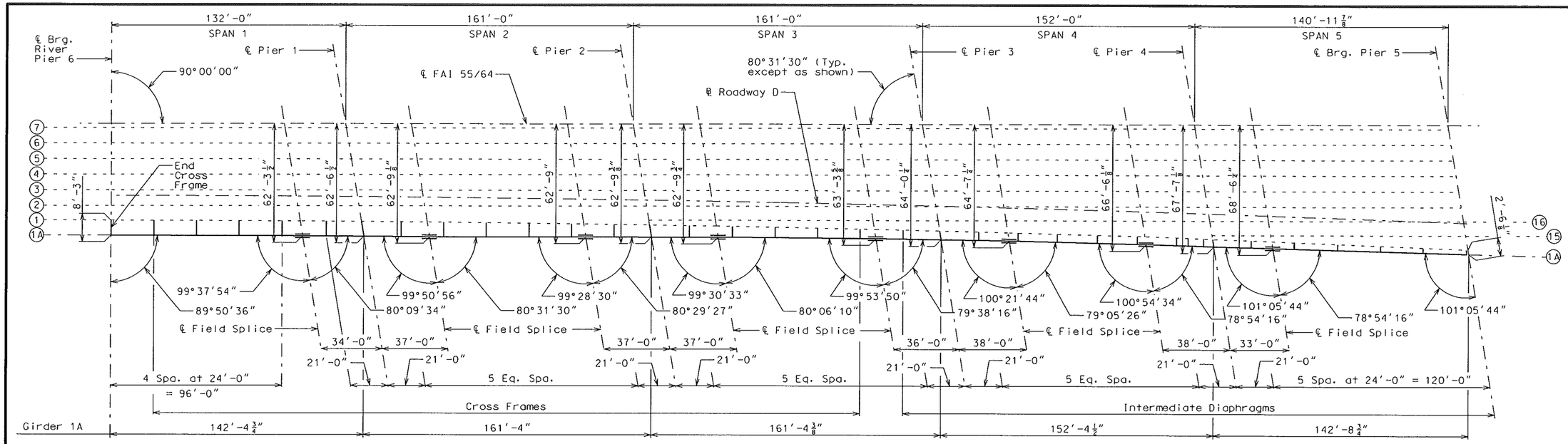


FRAMING PLAN

Notes:
72" Web Plate Girder shall be AASHTO M 270 Grade 50.

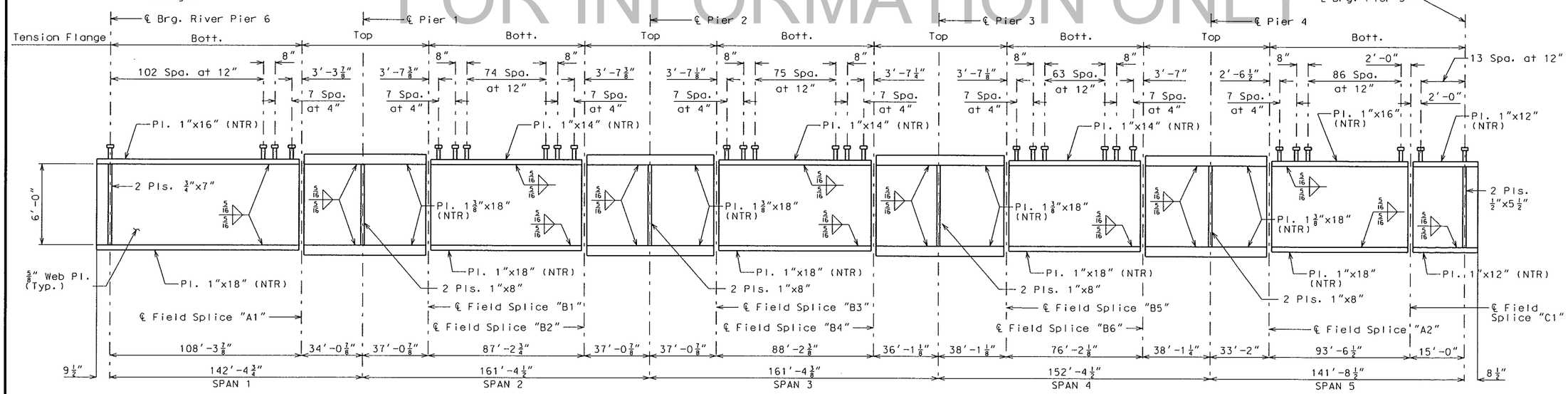
All cross frames or diaphragms shall be installed as steel is erected and secured in place with erection pins and bolts except as otherwise noted. Individual cross frames or diaphragms at supports may be temporarily disconnected to install bearing anchor rods.

Girders have bearing stiffeners and connection plates as required by design.

Longitudinal dimensions are horizontal from centerline bearing to centerline bearing.

Bolts on intermediate diaphragms and cross frames that connect girders under different construction stage slab pours shall be installed snug tight, then tightened after both adjacent slab pours are completed.

FOR INFORMATION ONLY



GIRDER ELEVATION

"NTR" denotes plates to which notch toughness requirements are applicable. All web plates shall be subject to notch toughness requirements.

Plate girders shall be fabricated to be in accordance with the camber diagram shown on Sheet No. 25.

Weight of 920 pounds of shear connectors is included in the weight of Fabricated Structural Low Alloy Steel.

Shear connectors shall be in accordance with Sec 712, 1037 and 1080.

Detailed Nov 2015
Checked Nov 2015

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

Sheet No. 24 of 73

STEEL GIRDER FRAMING PLAN AND ELEVATION

LICENSED STRUCTURAL ENGINEER STEPHEN E. ALSBURY 081-5241 STATE OF ILLINOIS
EXPIRES 11-30-16

DATE
12/1/2015
DATE PREPARED

ROUTE	STATE
I-64	IL
DISTRICT	SHEET NO.
STL	24

COUNTY: ST. CLAIR
JOB NO.: J612377C/J612377D
CONTRACT ID.: –
PROJECT NO.: –
BRIDGE NO.: 082-0005

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

ABNA
4140 Lindell Boulevard
St. Louis, MO 63104
314-454-0222
Certificate of Authority: 001507

REV.

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