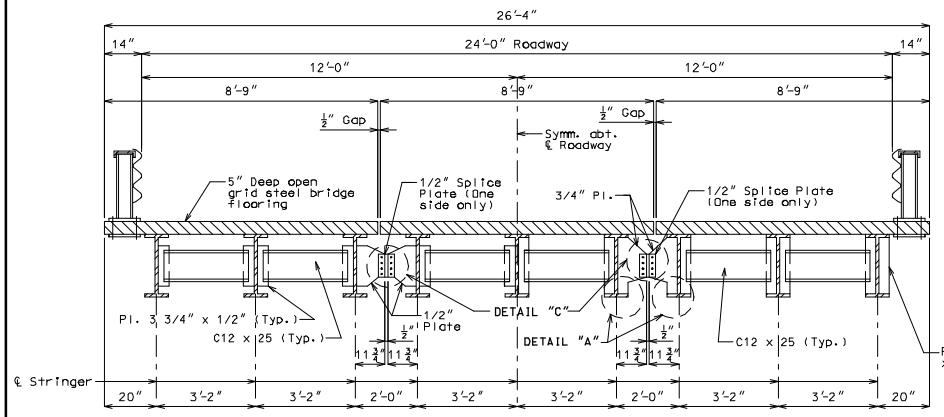
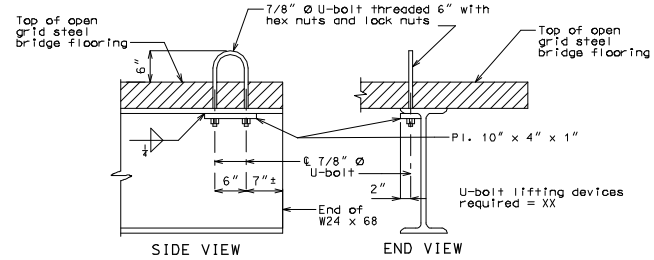
ROUTE	STATE MO	DISTRICT	SHEET NO.
JOB NO.			
CONTRACT ID			
PROJECT NO.			
COUNTY			DATE



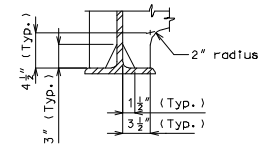
HALF SECTION NEAR INT. DIAPH. HALF SECTION NEAR BENTS

Steel bridge flooring shall be Foster 5" RB/8.0 or American Bridge 5" Open I-Beam-Lok Type BS open steel bridge flooring. Trim bars will be required at the sides and ends of each 39'-10 1/2" unit.



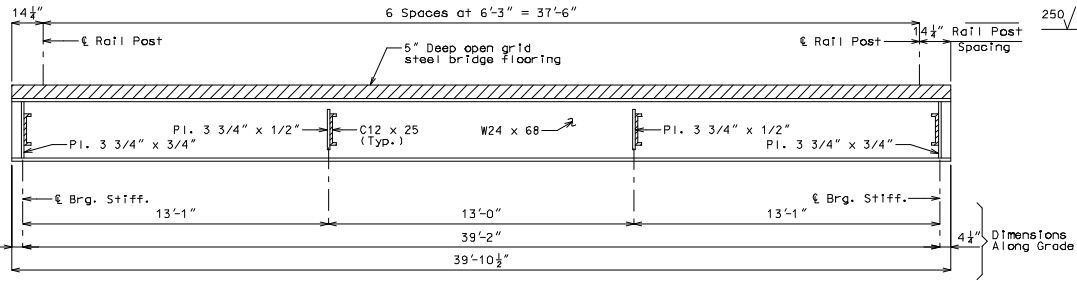
DETAILS OF U-BOLTS LIFTING DEVICE

U-bolts lifting device shall be on the inside top flange at both ends of each exterior stringer of each unit. U-bolts shall be removed during the time the bridge is open to traffic. Position of the U-bolts may be shifted slightly to miss the bars in the flooring.

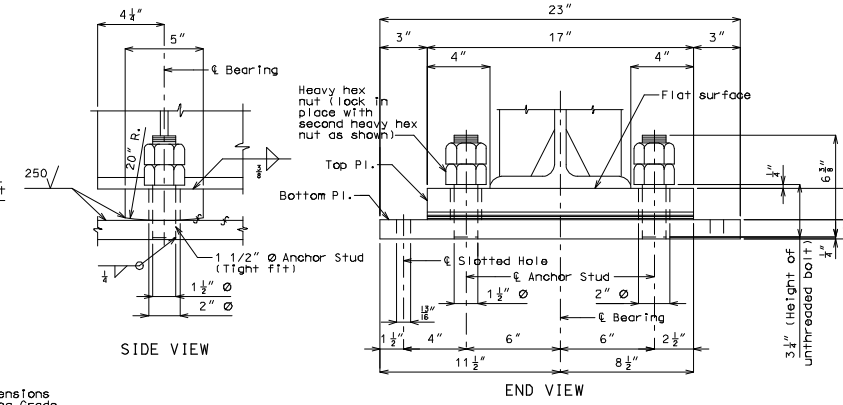


DETAIL "A"

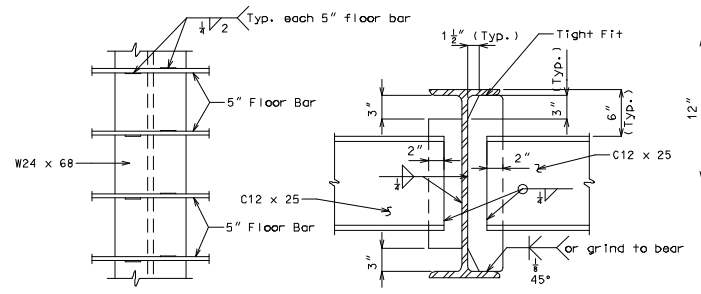
Note:
Field connections shall be 7/8" Ø high strength bolts with holes 1 1/16" Ø except as noted.



LONGITUDINAL SECTION – ALL SPANS



DETAILS OF BEARINGS

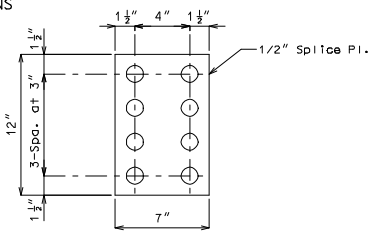


FLOORING TO STRINGER CONNECTION

(Typical Connection of Each Stringer)

Cross bars of steel grid floor are not shown for clarity.

INT. DIAPH. BEARING STIFF.

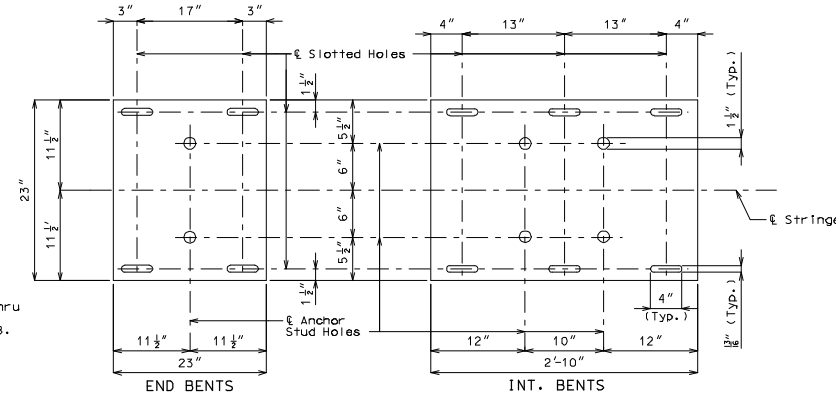


DETAIL "C"

Note:
Use 1 1/16" Ø holes thru 10" x 4" x 1" plate and flange of W24 x 68.

NO. REQUIRED

XX Top plates
XX Bott. plates (Int. Bents)
XX Bott. plates (End Bents)



PLAN OF BOTTOM PLATES

Detailed
Checked

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

Sheet No. of

TEM 3