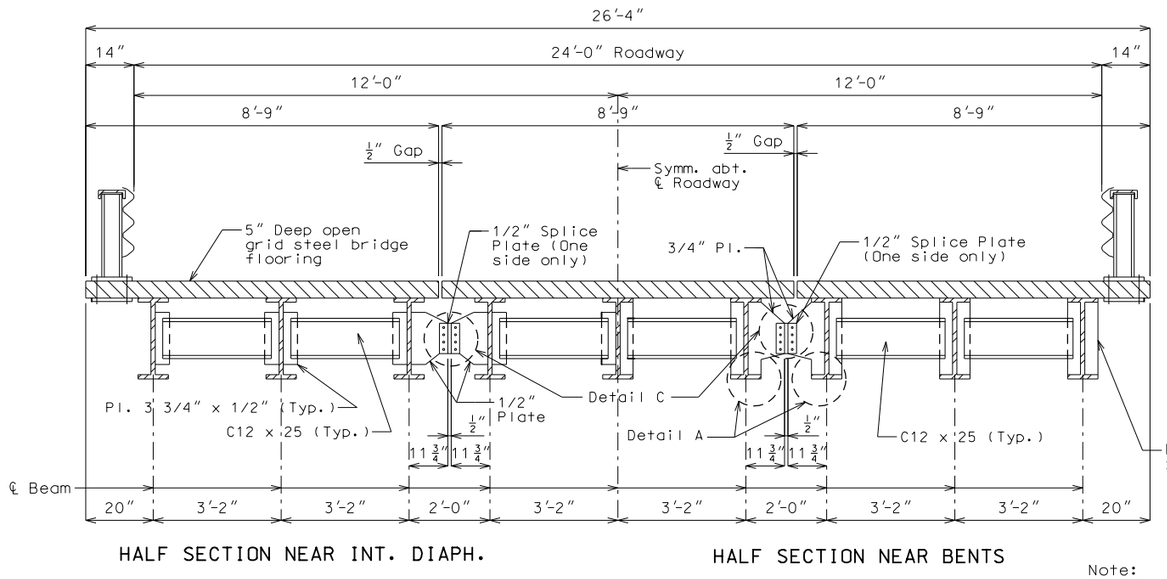
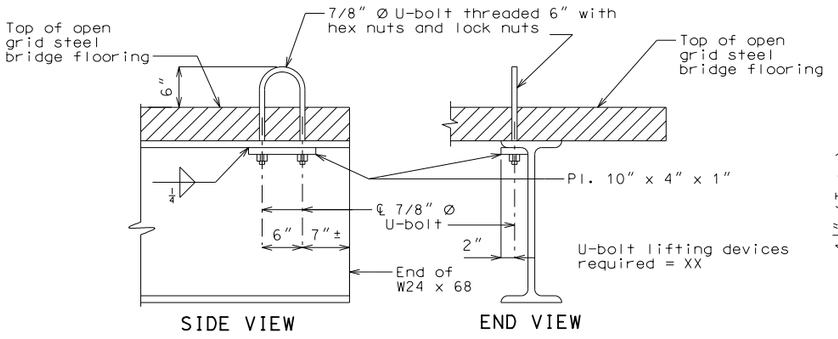


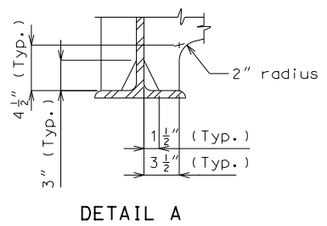
HALF SECTION NEAR INT. DIAPH. HALF SECTION NEAR BENTS

Steel bridge flooring shall be Foster 5-Inch RB/8.2M open steel bridge flooring or equivalent. Trim bars will be required at the sides and ends of each 39'-10 1/2" unit.



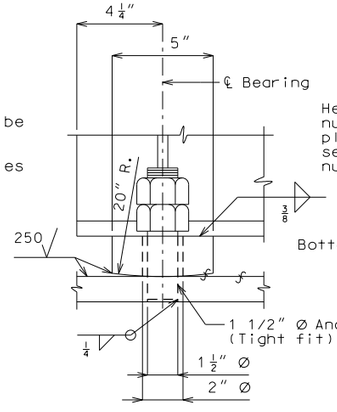
DETAILS OF U-BOLTS LIFTING DEVICE

U-bolts lifting device shall be on the inside top flange at both ends of each exterior beam 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.

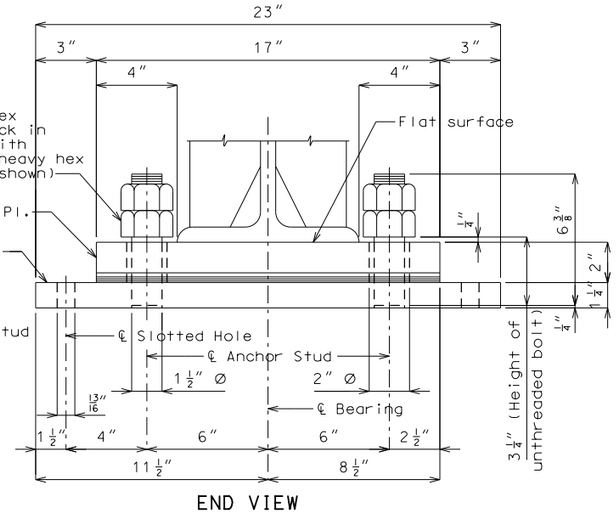


DETAIL A

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

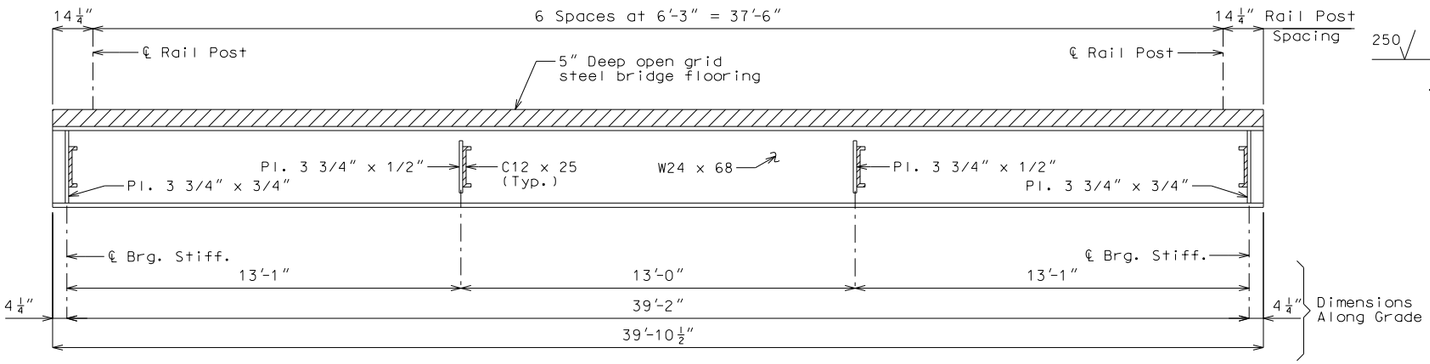


SIDE VIEW

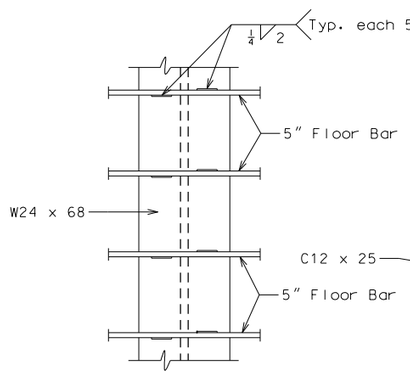


END VIEW

DETAILS OF BEARINGS



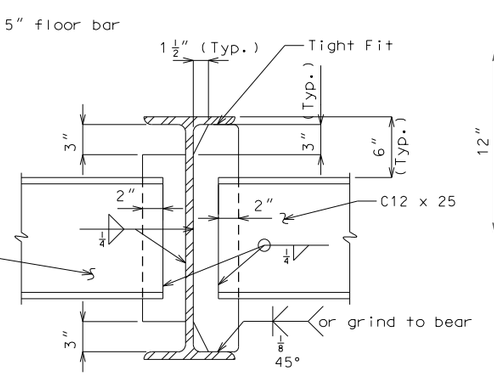
LONGITUDINAL SECTION – ALL SPANS



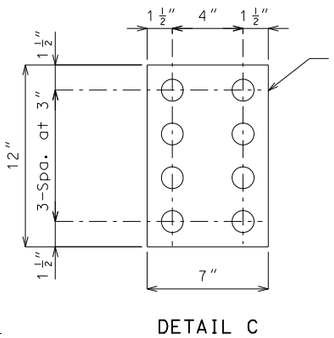
FLOORING TO BEAM CONNECTION

(Typical Connection of Each Beam)

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



INT. DIAPH. BEARING STIFF.

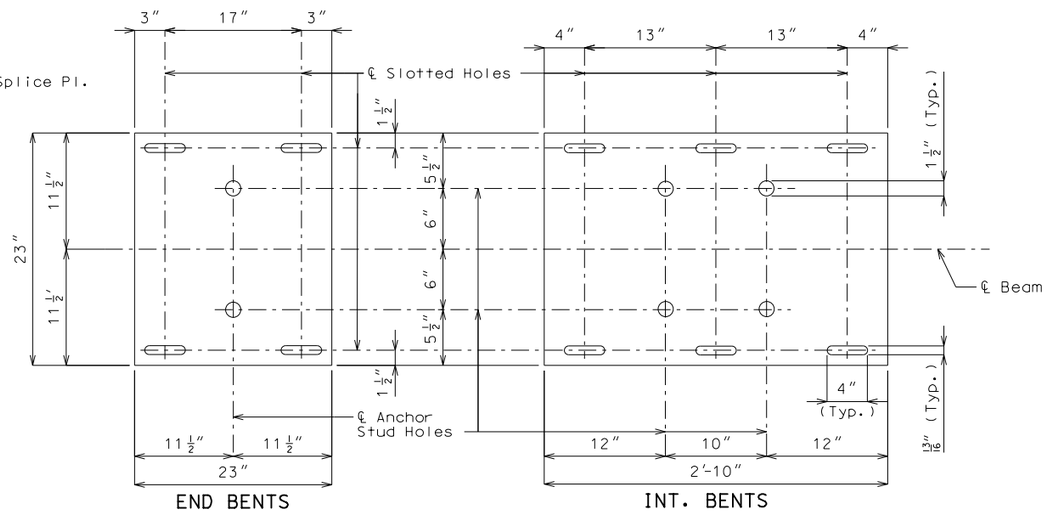


DETAIL C

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)



END BENTS INT. BENTS

PLAN OF BOTTOM PLATES

Detailed
Checked

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

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