INTERMEDIATE DIAPHRAGMS
CROSS FRAMES AND
TYPICAL PART SECTION SHOWING
TOP FLANGE IN TENSION

TYPICAL PART SECTION SHOWING
INTERMEDIATE DIAPHRAGMS
BOTTOM FLANGE IN TENSION

TYPICAL PART SECTION SHOWING
END DIAPHRAGMS

TYPICAL PART SECTION SHOWING
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TYPICAL PART SECTION SHOWING
CROSS FRAMES AND
INTERMEDIATE DIAPHRAGMS
TOP FLANGE IN TENSION

TYPICAL PART SECTION SHOWING
END DIAPHRAGMS

STANDARD DRAWING GUIDANCE (DO NOT SHOW ON PLANS):

Check with Designer to verify use of Flange Connection Angles. If they are not needed turn the Bridge-Miscellaneous level off.

Angle size should be shown without inch ("") marks on the plane.

Do not show fillet weld size unless by design and size of weld exceeds Sec 1080.

Show specialty welds information as given unless by design.

Delete panels for CIP slab.

© Use Type 3 for weathering steel bolted connections and Type 1 for painted or galvanized steel bolted connections.

Note: This drawing is not to scale. Follow dimensions as given on plans.

Grade 4305 Type 3 Type 1 that connect to the 6 x 6 x 3/8 angle to the top flange and placed so the nut is on the inside of flange toward the web.

Note: Bolts shall be 3/4" signs of ASTM F3125

Grade A325 Type 1 Type 3 that connect the 6 x 6 x 3/8 angle to the top flange and placed so the nut is on the inside of flange toward the web.

Note: 6/16" holes for 3/4" bolts

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