SHOWN IN PLAN. USE OUTSIDE STIFFENER ONLY WHEN DIAPHRAGM IS ON BEARING OR WHEN SHOWN IN PLAN.

TIGHT FIT, USE BOLTED CONNECTIONS (SEE DETAIL B410) IN AREA "A" ON PLANS. WELD BOTH SIDES AT ALL OTHER LOCATIONS.

TIGHT FIT, WELD BOTH SIDES IN AREA "A" ON PLANS. USE BOLTED CONNECTIONS (SEE DETAIL B410) AT ALL OTHER LOCATIONS.

NOTE: PROVIDE STEEL IN ACCORDANCE WITH SPEC. 3309.

1. PROJECT NEUTRAL AXIS OF MEMBER THROUGH CENTER OF BOLT PATTERN.
2. SEE BRIDGE FRAMING PLAN AND GIRDER ELEVATIONS FOR ADDITIONAL INFORMATION.
3. MILL TO BEAR AT BEARING STIFFENERS.
4. MINIMUM TOTAL WELD LENGTH EQUAL TO 4 TIMES NOMINAL ANGLE SIZE.
5. FOR DIAPHRAGMS LOCATED BENEATH DECK JOINT, ORIENT FLANGES OF CROSS FRAME MEMBERS AWAY FROM THE DECK JOINT.

DESIGNER NOTE
(REMOVE PRIOR TO PLOTTING FINAL PLANS)
DESIGNER TO SPECIFY GUSSET PLATE THICKNESS, 1/2" MINIMUM FILLER PLATE THICKNESS TO MATCH GUSSET.