NO. 4 TIE BARS

TOP OF DECK

FASTEN TO

GIRDER STIRRUPS NOTES FOR ALTERNATE DIAPHRAGM STEEL DIAPHRAGMS MAY BE USED IN LIEU OF CAST-IN-PLACE CONCRETE DIAPHRAGMS. NO ADDITIONAL PAYMENT WILL BE MADE IF STEEL DIAPHRAGMS ARE USED. -9" × 6" × ½" BENT STEEL PLATE -THE MINIMUM DISTANCE BETWEEN CENTERS OF FASTENERS FOR SUPPORT & ANGLE CONNECTIONS SHALL BE ALL DIAPHRAGM STRUCTURAL STEEL SHALL BE ASTM A36. ALL BOLTS, NUTS AND WASHERS SHALL BE ASTM A325 TYPE 1 **₩** /o¯ 6" × 4" × 1/6" 3" AND THE MINIMUM END OR EDGE ALL DIAPHRAGM STRUCTURAL STEEL SHOWN SHALL BE HOT-DIPPED ANGLE-DISTANCE SHALL BE 11/2". GALVANIZED. ALL BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM AIS3 CLASS C. GALVANIZED NUTS SHALL BE TAPPED OVERSIZE IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A563 AND SHALL MEET THE REQUIREMENTS OF SUPPLEMENTARY REQUIREMENT SI OF ASTM A563, LUBRICANT AND TEST FOR COATED COAT INSIDE SURFACES OF ALL FIELD DRILLED HOLES WITH ORGANIC ZINC PRIMER. COPE FLANGE - TYP.--%" ♦ FERRULE LOOP INSERT (MEDIUM HIGH CARBON WIRE) OR APPROVED EQUAL INSERT. -WT 6 x 13.0 1-3 14 %" ♦ HIGH-STRENGTH BOLTS -⅓" ¢ BOLT WITH WASHER, TWO HEX. NUTS AND ½" FILLER PLATE (FIELD DRILLED). WITH HEX. NUT & WASHER EACH. OVERSIZE 1/16" + HOLES IN THESE CONNECTIONS. INTERIOR GIRDER EXTERIOR GIRDER -SEE DETAIL "B" -DIAPHRAGM PART TRANSVERSE SECTION AT DIAPHRAGM NO. 4 TIE BARS × 3'-0" LONG ---E BOLT ANCHORAGE 1/8" ♦× 25%" LG. CAP SCREW WITH ONE 9" x 6" x 1/2" BENT STEEL PLATE 3" SQ.×%" PLATE WASHER AND ONE LOCK-FORM 11/4" + HOLES IN WEB WASHER, TORQUE TO WITH STEEL PIPE SLEEVE.-80 FT. LBS. FOR EXTERIOR ATTACHMENT 0 0 0 SECTION A -9" × 6" × ½" BENT STEEL PLATE- $-3" \times 3" \times \frac{1}{2}"$ PLATE WASHER - TYP. ▲ BOLT HOLES SHALL BE SPACED SO AS TO MISS PRESTRESSED STRANDS -⅓" ♦ HIGH STRENGTH BOLTS WITH HEX. NUT & WASHER IN CONCRETE BEAMS. AND TWO 3" SQUARE x 1/2" I/16" # HOLES MAY BE DRILLED PLATE WASHERS EACH. AT ALL INTERIOR BEAM IN FIELD. DIAPHRAGM CONNECTIONS. PLANS PREPARED BY -IVI6"x 2 1/2" SLOTTED HOLE FOR 1/8" ♦ BOLT. ASSOCIATES

Engineers/Architects
Planners/Surveyors

Owen Ayres & Associates inc.
Edu Cidire, Wisconsin: 4 REQUIRED. 0 - 0 0 0 STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION 0 STRUCTURE B-35-III By G.L.D. Plans Checked C.B.M. 1989 MIN. FOR INTERIOR GIRDER DIAPHRAGM FACE BEAM FACE SHEET 7 OF 13 ALT. STEEL INTER. DETAIL B DIAPHRAGM SUPPORT DIAPHRAGM DETAILS X 82834

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