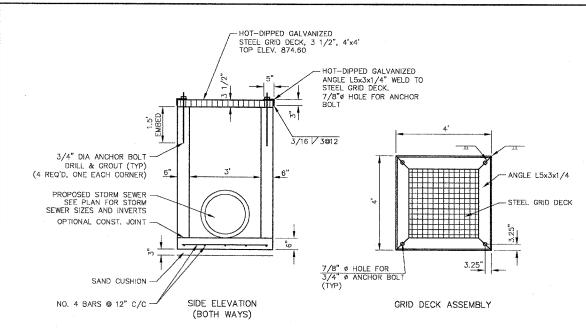


F.A.U. CONTRACT NO. COUNTY TO STATE SECTION DEKALB SPECIAL DETAILS

F.H.W.A. REG.5 ILLINOIS PROJECT HPP-



THE GRID DECK SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. A-709 GRADE 50 MATERIAL. THE SECTION SHALL HAVE A MINIMUM SECTIONS MODULUS OF 2.5 CUBIC INCH / FOOT.

STEEL ANGLES SHALL CONFORM TO THE REQUIREMENTS OF A.A.S.H.T.O. DESIGNATION M-270 GRADE 36.

BOLTS, CAP SCREWS, AND NUTS SHALL CONFORM TO THE REQUIREMENTS OF A.S.T.M. DESIGNATION A-307.

ALL BOLTS, NUTS, CAP SCREWS, WASHERS AND LOCK WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH A.A.S.H.T.O. DESIGNATION M-232.

ALL GRID DECK, ANCHOR DEVICES AND ANGLES SHALL BE GALVANIZED AFTER SHOP FABRICATION IN ACCORDANCE WITH A.S.T.M. A-385 AND A.A.S.H.T.O. M-111. GALVANIZED MEMBERS SHALL NOT BE PAINTED.

ALL FIELD DRILLED HOLES SHALL BE COATED WITH AN APPROVED ZINC RICH PAINT BEFORE ERECTION.

EXCEPT AS NOTED HEREON DRAINAGE STRUCTURE SPECIAL, SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

DRAINAGE STRUCTURE SPECIAL NOT TO SCALE