REVISIONS RE-ISSUE W/METRIC 1999 SPECS.
Blockout/Post &Thrie Tran.Unit Detail Igc 7/99
Add Gauge Spec. In Elevation ViewIgc 11/02
Add Gen. NoteS 7,8,End Shoe Dim. Igc 6/03 HOLE FOR HANDLING DURING GALVANIZING (OPTIONAL) W150 x 14 2220 DESIGNATION WITH 20 mm DIAM. HOLES 1900 950 950 110 110 150 110 110 M360 x 25.6 or 110 110 M360 x 32.9 DESIGNATION 14.3 8. 82.6 15.58.7 -ф--фф--ф--ф-5 5 ф-61.8 THRIE BEAM TRANSITION SECTION - RIGHT THRIE BEAM TRANSITION SECTION - SYMMETRIC THRIE BEAM TO W-BEAM CONNECTION THRIE BEAM TO W-BEAM CONNECTION 2220 160 950 950 160\_\_\_ 1900 1900 150 110 110 HOLES FOR 110 110 110 110 RAIL & MOUNTING 20 mm DIAM. 110 110 150 -ф--ф--ф--ф--ф--ф-82.6 THRIE BEAM TRANSITION SECTION - LEFT 82.6 THRIE BEAM GUARDRAIL SECTION THRIE BEAM TO W-BEAM CONNECTION THRIE BEAM TRANSITION UNIT BLOCKOUT AND POST GENERAL NOTES 1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 METRIC STANDARD SPECIFICATIONS. 2. ALL GUARDRAIL, METAL POSTS, PLATES AND HARDWARE SHALL BE GALVANIZED AFTER FABRICATION. LENGTH OF ANCHOR UNIT = 9500 mm SINGLE FACE THRIE BEAM TRANSITION UNIT 3. ANY FIELD CUTS OR HOLES DRILLED IN GALVANIZED MATERIALS SHALL BE COATED WITH A ZINC OXIDE PAINT. (SEE 1999 METRIC -NO.10 GUAGE (0.141 ) 762 POSTS SPACED @ 950 mm POSTS SPACED @ 475 mm POSTS SPACED @ 950 mm STANDARD SPECIFICATIONS, SECTION 730.06 ) 527 PAY LENGTH 4. MAXIMUM POST SPACING FOR THE TRANSISTION UNIT SHALL BE 950 mm, SEE LIMITS OF THRIE BEAM CONSTRUCTION. OF ANCHOR 5. GUARDRAIL LAPS SHALL BE TOWARD THE BRIDGE ON BOTH SIDES OF THE APPROACH ROADWAY AND SHALL LAP IN THE DIRECTION WITH TRAFFIC ACROSS THE BRIDGE. 200 7.62-PLAN 2 EA. SLOTS 19.1 mm x 63.5 mr 6. SEE 1999 METRIC ROADWAY STANDARD GRH-3 (LATEST REVISION ) AND AASHTO M 180-97 FOR ADDITIONAL DETAILS. POST BOLT SLOT \_ф-STANDARD THRIE BEAM 19.1 x 63.5 7. THIS STANDARD ONLY APPLIES WHEN THRIE BEAM GUARDRAIL TRANSITIONS TO AND/OR FROM W-BEAM GUARDRAIL 3800 mm (12 GAUGE) THRIE BEAM TRANSITION PIECE 2220 mm (OVERALL)(10 GAUGE) STANDARD W-BEAM GUARDRAIL <del>ф</del> т 3800 mm (12 GAUGE) 8. ALTERNATE POSTS AND/OR BLOCKOUTS MAY BE SUBSTITUTED IF THEY COMPLY WITH NCHRP 350, TEST LEVEL 3 AND APPROVED BY THE ENGINEER. SPLICE BOLT SLOT 23.0 x 28.6 -ф- I -ф-BASIS OF PAYMENT 5 - 25.4 mm HOLES FOR 22 mm DIAM. BOLTS WITH NUTS AND STEEL WASHERS. ITEM NO. UNIT ТŢ 11 623.06(E) THRIE BEAM TRANSITION UNIT EACH  $\Box$ THRIE BEAM THRIE BEAM **ELEVATION**  $\blacktriangle$  includes thrie beam rail, transition section(s ), posts and hardware, as shown on details. SPECIAL END SHOE BEAM SPLICE THRIE BEAM TRANSITION UNIT TERMINAL CONNECTION APPROVED BY ROADWAY ENGINEER OKLAHOMA DEPT. OF TRANSPORTATION ROADWAY STANDARD (METRIC ) THRIE BEAM TRANSITION UNIT 1999 SPECIFICATIONS TBTU-2 02M ALL DIMENSIONS ON THIS SHEET IN MILLIMETERS UNLESS OTHERWISE NOTED. R-139M