D-Y STATE OF NORTH CAROLINA EPT. OF TRANSPORTATIO DIVISION OF HIGHWAYS RALEIGH, N.C. SHEET 2 OF 862.03 ANCHOR UNITS STRUCTURE **SHANDARD DRAMING** METRIC 90-Z Note:
This drawing is dimensioned in GUARDRAIL ANCHOR UNIT, millimeters unless otherwise RAIL ON BRIDGE (7.62m M depicted within the drawing. SEE STRUCTURE PLANS POINT FOR END SHOE ANCHORAGE, /ERTICAL PLANE AT THE ATTACHMENT **POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 150° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

THE DISTANCE FROM END OF BRIDGE RAIL TO CENTER LINE OF THE FIRST POST SHOULD BE 292mm IF CONCRETE BACKWALL IS NOT PRESENT SHOULDER BERM GUTTER MUST BE INSTALLED TO THE LIMITS 200mm x 100mm LIP CURB IS SHOWN IF ANCHOR UNIT IS NOT ADJACENT TO AN APPROACH SLAB. SEE SHEET 5 FOR POST SECTIONS 1 THRU 9. MEASURE GUARDRAIL HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER). LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW. BRIDGE RAIL BRIDGE END POS BRIDGE DECK RAIL ON BRIDGE (7.62m MINIMUM LENGTH APPROACH SLAB) CONCRETE BACKWALL FINISH GRADE 3.5mm THICK END SHOE EXP. JOINT VAR. (MAX 560 THRIE BEAM GUARDRAIL 'NESTED' ONE ONE 25mm FILL APPROACH SLAB RAIL FACE ω INSIDE @ 476mm THRIE BEAM GUARDRAIL SPACES PAY LIMITS APPROACH SLAB ANOTHER) OI **ELEVATION PLAN VIEW တ WTR SECTION TYPE III FOR ATTACHMENT TO 200mm x 100mm LIP CURB (SEE STRUCTURE PLANS) SPACES @ 953mm 200mm x 100mm LIP CURB (SEE STRUCTURE PLANS) SHOULDER BREAK POINT WTR SECTION ω CONSTRUCTION JOINT INSTALL 'W' BEAM GUARDRAIL PARALLEL TO APPROACH SLAB STD. STD. 1.905m SPACING 1.905m SPACING BUARDRAIL POST OFFSET BLOCK STATE OF
NORTH CAROLINA
EPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C. 7-06 SHEET 2 OF 9 **METRIC** STANDARD DRAWING **FOR** 862.03 **ANCHOR** GUARDRAIL ANCHOR UNIT, RAIL ON BRIDGE (7.62m M) TYPE III FOR ATTACHMENT TO (7.62m MINIMUM LENGTH APPROACH SLAB)

RAIL ON BRIDGE GUARDRAIL

.T930

ANCHOR UNIT, TYPE III FOR ATTACHMENT TO IDGE (7.62m MINIMUM LENGTH APPROACH SLAB)