

I:\APP-2004\15148\15148_Special_Details\stds\02\Std to Special Details\english\862d03\0862d03.dgn
 5/14/99

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ENGLISH DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III FOR ATTACHMENT TO RAIL ON APPROACH SLAB	SHEET 3 OF 4 862D03
--	---	-------------------------------

ELEVATION

PLAN VIEW

NOTE:
 -POST NOT REQUIRED FOR SKEW ANGLES GREATER THAN 16° OR LESS THAN 30° UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 -USE CURB HEIGHT FROM THE TOP OF ADJACENT SURFACE (SHOULDER, BERM, OR GUTTER).
 -USE NO STEEL POSTS WITHIN THE GUARDRAIL ANCHOR UNIT LIMITS.
 -LAP JOINTS IN THE DIRECTION OF TRAFFIC FLOW.
 -SEE SHEET 4 FOR POST SECTIONS 1 THRU 9.

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.	ENGLISH DETAIL DRAWING FOR STRUCTURE ANCHOR UNITS GUARDRAIL ANCHOR UNIT, TYPE III	SHEET 4 OF 4 862D03
--	--	-------------------------------

THRIE-BEAM SECTION

WTR SECTION ELEVATION VIEW

NOTE: THE MID POST AND OFFSET BLOCK OF THE WTR SECTION WILL REQUIRE SPECIAL BOLT HOLE DRILLING IN THE THRIE BEAM OFFSET BLOCK AND LINE POST.

SECTION OF THRIE BEAM POSTS 1 THRU 6

SECTION OF THRIE BEAM POST 7

SECTION OF WTR BEAM POST 8

SECTION OF WTR BEAM POST 9

3/4" x 2 1/2" SLOT (OPT.)
 7/8" x 1 1/8" SLOT (TYP.) FOR UNION TO RAIL SECTIONS
 1" DIA. HOLES (TYP.) FOR ANCHOR BOLTS

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
 Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STANDARDS DATE: 01-15-02
 MODIFIED BY: E.E. WARD DATE: 04-07-04
 CHECKED BY: DATE:
 FILE SPEC.: stds/02stdstodetails/english/862d03.dgn

