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STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR **GUARDRAIL PLACEMENT**

SHEET 2 OF 11 **862D01**

NOTE SPECIAL LAYER OF PAVEMENT

USE 3'-1 1/2" POST SPACING ON THE 50' OF GUARDRAIL PARALLEL TO LANES AND 6'-3" POST SPACING ON 15:1 TRANSITION SECTIONS. GRADE MEDIAN IN THE VICINITY OF THE SIGN SUPPORT AS ILLUSTRATED IN THE ROADWAY STANDARD DRAWINGS (STANDARD 862D01 SHEET 1 OF 12).

SECTION YY: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 6'-0"

SECTION ZZ: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 6'-0"

STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR **GUARDRAIL PLACEMENT**

SHEET 1 OF 11 **862D01**

SECTION YY: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 6'-0"

SECTION ZZ: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 6'-0"

SECTION XX: SHOULDER (VAR.), SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), DITCH (VAR.), DITCH SLOPE PER PLANS (10:1 OR FLATTER), INLET & PIPE REQUIRED WHERE DITCH CANNOT BE GRADED TO DRAIN.

SECTION YY: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 1" OFFSET (TYP.), MEDIAN HAZARD, SINGLE FACED PRECAST CONCRETE BARRIER SEE STD. DWG. 857.01

SECTION ZZ: MEDIAN WIDTH, SHOULDER SLOPE PER PLANS (10:1 OR FLATTER), 1" OFFSET (TYP.), MEDIAN HAZARD, SINGLE FACED PRECAST CONCRETE BARRIER SEE STD. DWG. 857.01

NOTE: WHEN OFFSET DISTANCE FROM FACE OF OBSTRUCTION TO FACE OF GUARDRAIL IS BETWEEN 3'-6" AND 5'-6" BEGIN 3'-1 1/2" POST SPACING AT A POINT 25' BEFORE REACHING THE OBSTRUCTION AND CARRY THROUGHOUT ITS LENGTH. IF THE OFFSET IS LESS THAN 3'-6" USE CONCRETE BARRIER.

CONTRACT STANDARDS AND DEVELOPMENT UNIT
Office 919-707-6950 FAX 919-250-4119

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Professional Engineer Seal: Seal 022966, J. S. Howerton, 6/6/2017