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

ENGLISH DETAIL DRAWING FOR
GUARDRAIL INSTALLATION

SHEET 6 OF 7
862D02

BREAKAWAY TERMINAL POST SLEEVE

DETAIL OF STANDARD WASHER
STANDARD WASHER: TYPICAL USE UNDER NUT WITH WOOD POST

DETAIL OF STANDARD HEX BOLT AND NUT

DETAIL OF BUTTON HEAD BOLT AND NUT

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ANCHOR PLATE ASSEMBLY

ANCHOR PLATE ASSEMBLY

3/4" THICK END PLATE WITH 1 1/8" DIA. HOLE CENTERED IN PLATE. END PLATE TO BE WELDED TO ANCHOR PLATE.

5/8" HEX HEAD BOLT WITH WASHER UNDER NUT (8 REQUIRED PER ASSEMBLY)

CABLE ASSEMBLY

CABLE ASSEMBLY

1" DIA. THREADED ROD

6 1/4" 2 1/8"

3/8" DIA. GALV. CABLE TO BE SWAGED CONNECTED

ANCHOR PLATE

ANCHOR PLATE

3/8" THICK GALV. STEEL PLATE

3/4" DIA. HOLES

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SECTION X-X

SECTION X-X

3/8" x 1 1/8" SPLICE BOLT SLOTS

5/8" RAD.

3/4" x 2 1/2" POST BOLT SLOTS

1 1/8" RAD.

NEUTRAL AXIS

TERMINAL END SECTION

TERMINAL END SECTION

2'-3 1/2"

6 1/4"

1'-9 1/4"

1'-1 1/2" LAP

4 1/4"

10" x 2"

1'-4 1/2" x 2"

3/4" x 2 1/2"

1" DIA. HOLES FOR 7/8" DIA. BOLTS

1 1/8" x 1 1/8"

SYSTEM PARTS - GENERAL USE

SYSTEM PARTS - GENERAL USE

TYPICAL END SHOE

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

SEE PLATE FOR TITLE

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