06-APR-2004 08:38
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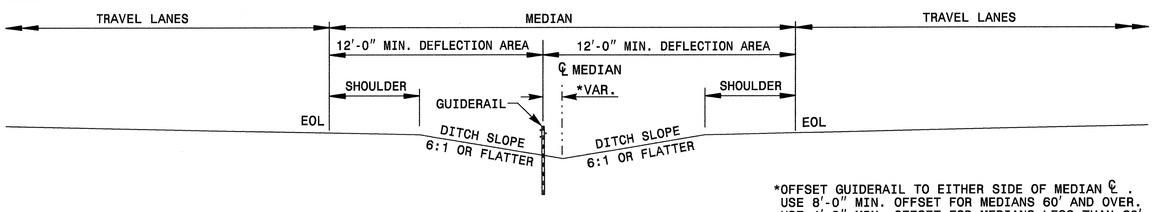
ericward AT DS212260

5/14/99

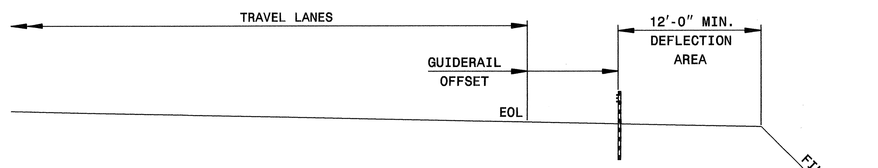
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
CABLE GUIDERAIL
DESIGN AND PLACEMENT

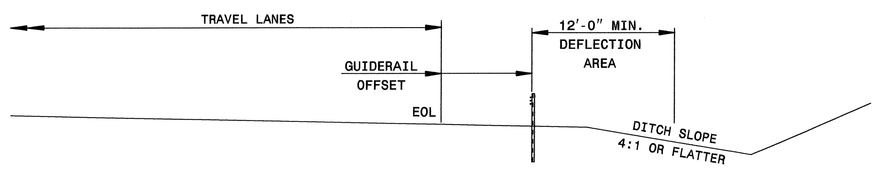


*OFFSET GUIDERAIL TO EITHER SIDE OF MEDIAN ℄ .
USE 8'-0" MIN. OFFSET FOR MEDIANS 60' AND OVER.
USE 4'-0" MIN. OFFSET FOR MEDIANS LESS THAN 60'.

TYPICAL SECTION
(DEFLECTION AREA ON MEDIAN SLOPES)
DOUBLE FACE GUIDERAIL APPLICATION



TYPICAL SECTION
(DEFLECTION AREA ON SHOULDER ONLY)



TYPICAL SECTION
(DEFLECTION AREA ON SHOULDER AND DITCH SLOPE)
SINGLE FACE GUIDERAIL APPLICATION

SHEET 3 OF 11
865D01

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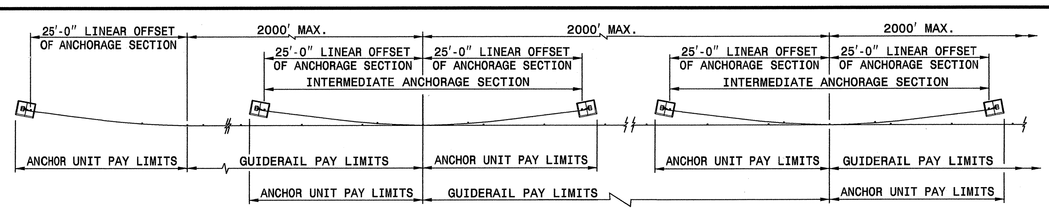
RALEIGH, N.C.

ENGLISH DETAIL DRAWING FOR
CABLE GUIDERAIL
DESIGN AND PLACEMENT

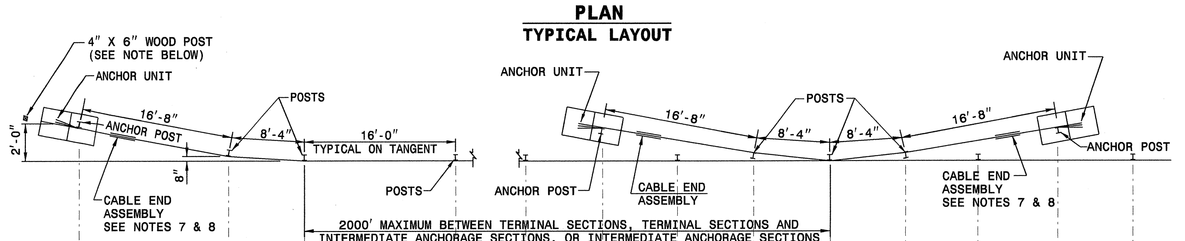
SHEET 3 OF 11
865D01

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

ENGLISH DETAIL DRAWING FOR
CABLE GUIDERAIL
GUIDERAIL LAYOUT

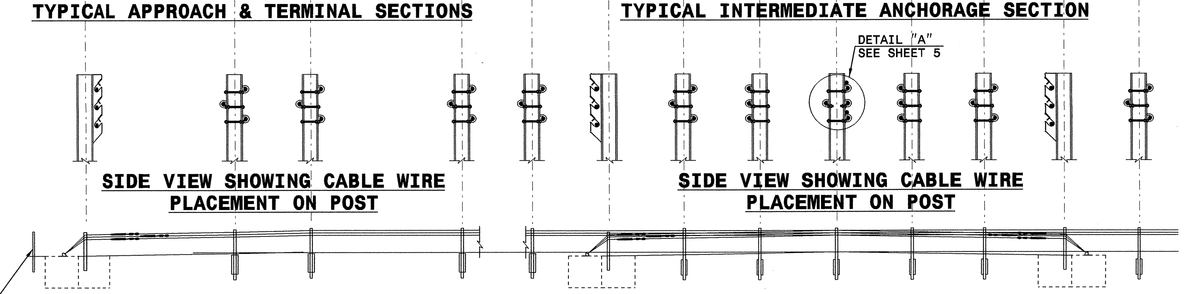


PLAN
TYPICAL LAYOUT



PLAN
TYPICAL APPROACH & TERMINAL SECTIONS

PLAN
TYPICAL INTERMEDIATE ANCHORAGE SECTION



SIDE VIEW SHOWING CABLE WIRE PLACEMENT ON POST

SIDE VIEW SHOWING CABLE WIRE PLACEMENT ON POST

WHEN USED AT A DRIVEWAY OR VEHICLE OPENING ONLY PLACE A 4" X 6" X 5'-4" WOOD POST 30" ABOVE GROUND LINE. PLACE POST 6" AHEAD OF CONCRETE ANCHOR.
*PROVIDE OPENINGS ONLY FOR AREAS AS DESIGNATED ON ROADWAY PLAN SHEETS.

ELEVATION
TYPICAL APPROACH & TERMINAL SECTIONS

ELEVATION
TYPICAL INTERMEDIATE ANCHORAGE SECTION

SHEET 4 OF 11
865D01

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

ENGLISH DETAIL DRAWING FOR
CABLE GUIDERAIL
GUIDERAIL LAYOUT

SHEET 4 OF 11
865D01

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

SEE PLATE FOR TITLE

ORIGINAL BY: 2002 STANDARDS DATE: 1-15-02
MODIFIED BY: E. E. WARD DATE: 4-07-04
CHECKED BY: D. K. Kloosterman DATE: 4-27-04
FILE SPEC.: /user/std/02std to details/english/865d01/085301.dgn

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022966 DOUGLAS K. KLOOSTERMAN
4/26/04

PROJECT REFERENCE NO. R-4029
SHEET NO. 2B