## PROJECT REFERENCE NO. SHEET NO. B-4266 /-A

EFF. 01-15-02

REV.11-23-04

## **ROADWAY DESIGN ENGINEER** SEAL 14493

## INDEX OF SHEETS

STATE OF NORTH CAROLINA

DIVISION OF HIGHWAYS

EFFECTIVE: 01-15-02 REVISED: 05-14-03

GRADING AND SURFACING OR RESURFACING AND WIDENING: GENERAL NOTES: 2002 SPECIFICATIONS

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:

INDEX OF SHEETS

TITLE SHEET

STANDARD DRAWINGS

CONVENTIONAL SYMBOLS

SURVEY CONTROL SHEET

SHEET

INDEX OF SHEETS, GENERAL NOTES, AND LIST OF

TYPICAL SECTIONS & PAVEMENT SCHEDULE

DETAILS OF STRUCTURE ANCHOR UNITS

DETAILS OF GUARDRAIL INSTALLATION

SUMMARY OF QUANTITIES

PLAN SHEET

PROFILE SHEET

SIGNING PLANS

CROSS SECTIONS

STRUCTURE PLANS

TRAFFIC CONTROL PLANS

EROSION CONTROL PLANS

CROSS SECTION INDEX

CROSS SECTION SUMMARY SHEET

DETAILS OF REINFORCED BRIDGE APPROACH FILLS

SUMMARY OF DRAINAGE QUANTITIES

REMOVAL SUMMARY

SUMMARY OF GUARDRAIL, EARTHWORK

SUMMARY, AND ASPHALT PAVEMENT

SHEET NUMBER

1-C THRU 1-D

2-A & 2-B

2-C THRU 2-F

2-G THRU 2-H

TCP-1 THRU TCP-7

SIGN-1 THRU SIGN-3

EC-1 THRU EC-5

X-2 THRU X-5

S-1 THRU S-18

X-0

X-1

1 – A

1-B

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY . (SPECIFY METHOD II OR III.)

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE AREAS IN THE PLANS DESIGNATED SAFETY CLEARING. THE LIMITS ARE AS SHOWN AND THE CLEARING AND GRUBBING IS CONSIDERED A PART OF THE LUMP SUM ITEM FOR "CLEARING AND GRUBBING".

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 OR 225.05 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

UNDERDRAINS:

UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.03 AT LOCATIONS DIRECTED BY THE ENGINEER.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH DETAILS IN PLANS AT LOCATIONS SHOWN ON PLANS OR AS DIRECTED BY THE ENGINEER.

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

END BENTS:

THE ENGINEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS-SECTION PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVATION APPROACHING A BRIDGE.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE

Power - Duke Power Corporation Telephone - Southern Bell Telephone

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY CONTRACT.

ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January 15, 2002 are applicable to this project and by reference hereby are considered a part of these plans:

DIVISION 2 - EARTHWORK 200.03 Method of Cle Method of Clearing - Method III

Guide for Grading Subgrade - Secondary and Local

TITLE

STD.NO.

Method of Pipe Installation - Method 'A' 310.10 Driveway Pipe Construction

DIVISION 5 - SUBGRADE, BASES AND SHOULDERS 560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I

DIVISION 6 - ASPHALT BASES AND PAVEMENTS

Asphalt Wearing Surface on Approach Slab (Beg. July 2004 Let Do Not Use This Standard)

DIVISION 8 - INCIDENTALS 820.04 Drain Installat

Drain Installation in Shoulder Berm Gutter

te Base Pad for Drainage Structures Frames and Narrow Slot Flat Grates

Traffic Bearing Drop Inlet – for Cast Iron Double Frame and Grates

Guardrail Placement

Guardrail Installation (Beg. September 2003 Let Use Detail in Lieu of Standard) Structure Anchor Units (Beg. July 2004 Let Use Detail in Lieu of Standard)

Rip Rap in Channels

Drainage Ditches with Class 'B' Rip Rap