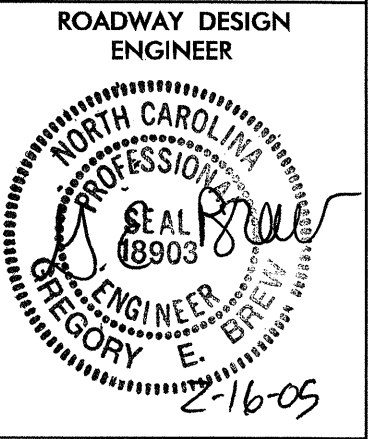


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS



SHEET NO.	INDEX OF SHEETS	SUBJECT/DESCRIPTION
1	TITLE SHEET	
1-A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS	
1-B	CONVENTIONAL SYMBOLS	
1-C	SURVEY CONTROL SHEET	
2	PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND WEDGING DETAILS	
2-A	DETAIL OF BRIDGE APPROACH DROP INLET	
2-B THRU 2-C	DETAIL OF REINFORCED BRIDGE APPROACH FILLS	
2-D THRU 2-E	DETAIL OF STRUCTURE ANCHOR UNITS	
2-F THRU 2-I	DETAIL OF GUARDRAIL INSTALLATION	
3	SUMMARY OF QUANTITIES	
3-A	DRAINAGE SUMMARY	
3-B	SUMMARY OF PAVEMENT REMOVAL, EARTHWORK, AND GUARDRAIL SUMMARY	
4	PLAN SHEET	
5	PROFILE SHEET	
TCP-1 THRU TCP-4	TRAFFIC CONTROL PLANS	
EC-1 THRU EC-5	EROSION CONTROL PLANS	
UD-1	UTILITIES BY OTHERS	
X-1A	CROSS SECTION EARTHWORK SUMMARY	
X-1 THRU X-6	CROSS-SECTIONS	
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GENERAL NOTES:

2002 SPECIFICATIONS
EFFECTIVE: 01-15-02

ROADWAY ENGLISH STANDARD DRAWINGS

GRADING AND SURFACING OR RESURFACING AND WIDENING:

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:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD 11.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 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.

SHOULDER CONSTRUCTION:

ASPHALT AND EARTH SHOULDER CONSTRUCTION ON HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01.

SIDE ROADS:

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

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.

TEMPORARY SHORING:

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

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

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

RIGHT-OF-WAY MARKERS:

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

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:

STD. NO.	TITLE
200.02	Method of Clearing - Method 11
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
300.01	Method of Pipe Installation - Method 'A'
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method 1
820.04	Drain Installation in Shoulder Berm Gutter
838.05	Concrete 'L' Endwall for Single Pipe Culverts - 15" thru 48" Pipe
838.15	Brick 'L' Endwall for Single Pipe Culverts - 15" thru 48" Pipe
838.80	Precast Endwalls - 12" thru 72" Pipe 90° Skew
840.00	Concrete Base Pad for Drainage Structures
840.18	Concrete Median Drop Inlet Type 'B' - 12" thru 36" Pipe
840.24	Frames and Narrow Slot Sag Grates
840.25	Anchorage for Frames - Brick or Concrete
840.27	Brick Median Drop Inlet Type 'B' - 12" thru 36" Pipe
840.29	Frames and Narrow Slot Flat Grates
840.31	Concrete Junction Box - 12" thru 66" Pipe
840.32	Brick Junction Box - 12" thru 66" Pipe
840.45	Precast Drainage Structure
840.66	Drainage Structure Steps
846.01	Concrete Curb, Gutter and Curb & Gutter
862.01	Guardrail Placement