



GENERAL NOTES:
2002 SPECIFICATIONS
EFFECTIVE: 01-15-02
REVISED: 05-14-03

**GRADE LINE:
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 III.

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:
ASHPALT AND EARTH SHOULDER CONSTRUCTION ON THE 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.

SUBSURFACE PLANS:
NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

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 : **PROGRESS ENERGY**
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 CONTRACT.

EFF. 01-15-02
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 Clearing - Method III
225.02 Guide for Grading Subgrade - Secondary and Local
225.04 Method of Obtaining Superelevation - Two Lane Pavement
- DIVISION 3 - PIPE CULVERTS**
300.01 Method of Pipe Installation - Method 'A'
- 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**
654.01 Pavement Repairs

- DIVISION 8 - INCIDENTALS**
806.01 Concrete Right-of-Way Marker
806.02 Granite Right-of-Way Marker
838.01 Concrete Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew
838.11 Brick Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew
838.80 Precast Endwalls - 12" thru 72" Pipe 90 Skew
840.00 Concrete Base Pad for Drainage Structures
840.25 Anchorage for Frames - Brick or Concrete
840.29 Frames and Narrow Slot Flat Grates
840.66 Drainage Structure Steps
846.01 Concrete Curb, Gutter and Curb & Gutter
862.01 Guardrail Placement

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
1-B	CONVENTIONAL SYMBOLS
1-C	SURVEY CONTROL SHEET
2	TYPICAL SECTIONS & PAVEMENT SCHEDULE
2-A	DETAIL FOR PREFORMED SCOUR HOLE WITH LEVEL SPREADER APRON
2-B thru 2-C	DETAIL FOR REINF. BRIDGE APPROACH FILLS DETAILS
2-D thru 2-G	DETAIL FOR GUARDRAIL INSTALLATION
2-H thru 2-I	DETAIL FOR STRUCTURE ANCHOR UNITS
3	SUAMMARY OF QUANTITIES
3-A	SUMMARIES OF GUARDRAIL, EARTHWORK, PAVEMENT REMOVAL & DRAINAGE SUMMARY SHEET
4	PLAN SHEET
5	PROFILE SHET
TCP-1 thru TCP-5	TRAFFIC CONTROL PLANS
EC-1 thru EC-4	EROSION CONTROL PLANS
SIGN-1 thru SIGN-3	SIGNING PLANS
UO-1 thru UO-2	UTILITIES BY OTHERS PLAN
X-1A thru X-7	CROSS-SECTION SUMMARY
S-1 THRU S-18	STRUCTURE PLANS

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