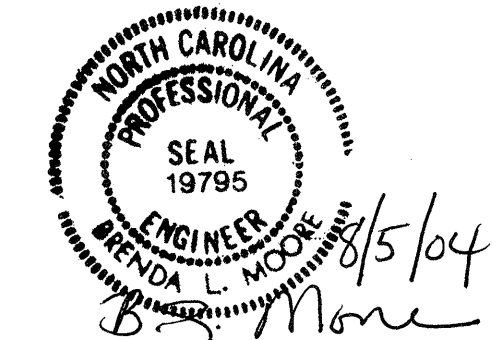


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
**INDEX OF SHEETS**



**INDEX OF SHEETS**

| SHEET NUMBER   | SHEET   |
|----------------|---|
| 1              | Title Sheet   |
| 1-A            | Index of Sheets, General Notes, and List of Standards                       |
| 1-B            | Conventional Symbols  |
| 1-C, and 1-D   | Survey Control Sheet  |
| 2              | Typical Sections, and Pavement Schedule                                     |
| 2-A, and 2-B   | Detail for Reinforced Bridge Approach Fills                                 |
| 2-C            | Detail for Concrete Bridge Approach Drop Inlet                              |
| 2-D thru 2-E   | Detail for Structure Anchor Units   |
| 2-F thru 2-I   | Detail for Guardrail Installation   |
| 3              | Summary of Quantities   |
| 3-A            | Summary of Drainage Quantities, and Summary of Guardrail                    |
| 3-B            | Summary of Earthwork, Pavement Removal, and Summary of Shoulder Berm Gutter |
| 4, and 5       | Plan and Profile Sheets   |
| TCP-1          | Traffic Control Plans   |
| EC-1 thru EC-4 | Erosion Control Plans   |
| RF-1           | Reforestation Plans   |
| UO-1           | Utilities by Others   |
| X-1A           | Cross-Section Summary Sheet   |
| X-1 thru X-10  | Cross-Sections  |
| S-1 thru S-35  | Structure Plans   |

GENERAL NOTES: 2002 SPECIFICATIONS  
EFFECTIVE: 01-15-02

**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 ROADWAY ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED ROADWAY WILL BE CONSTRUCTED. 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:**

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 :

**SPRINT  
RANDOLPH EMC  
RANDOLPH TELEPHONE**

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.

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:

| STD.NO.   | TITLE   |
|---|---|
| <b>DIVISION 2 - EARTHWORK</b>                     |   |
| 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                        |
| <b>DIVISION 3 - PIPE CULVERTS</b>                 |   |
| 300.01  | Method of Pipe Installation - Method 'A'                                      |
| 310.10  | Driveway Pipe Construction  |
| <b>DIVISION 5 - SUBGRADE, BASES AND SHOULDERS</b> |   |
| 560.01  | Method of Shoulder Construction - High Side of Superelevated Curve - Method I |
| <b>DIVISION 8 - INCIDENTALS</b>                   |   |
| 820.04  | Drain Installation in Shoulder Berm Gutter                                    |
| 840.00  | Concrete Base Pad for Drainage Structures                                     |
| 840.25  | Anchorage for Frames - Brick or Concrete                                      |
| 840.29  | Frames and Narrow Slot Flat Grates  |
| 840.35  | Traffic Bearing Drop Inlet - for Cast Iron Double Frame and Grates            |
| 840.46  | Traffic Bearing Precast Drainage Structure                                    |
| 840.66  | Drainage Structure Steps  |
| 846.01  | Concrete Curb, Gutter and Curb & Gutter                                       |
| 862.01  | Guardrail Placement   |
| 876.02  | Guide for Rip Rap at Pipe Outlets   |
| 876.03  | Drainage Ditches with Class 'A' Rip Rap                                       |