



| SHEET NUMBER      | SHEET  |
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| 3-B               | SUMMARIES OF GUARDRAIL, CONCRETE BARRIERS, AND EARTHWORK     |
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| X-1A              | CROSS-SECTION SUMMARY SHEET                                  |
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GENERAL NOTES: 2002 SPECIFICATIONS  
EFFECTIVE: 01-15-02  
REVISED: 05-14-03

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

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

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.

UTILITIES:  
UTILITY OWNERS ON THIS PROJECT ARE:  
PROGRESS ENERGY - DISTRIBUTION  
PROGRESS ENERGY - TRANSMISSION  
BELLSOUTH 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.

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   |
|--|---|
| DIVISION 2 - EARTHWORK                   |   |
| 200.02                                   | Method of Clearing - Method 11  |
| DIVISION 3 - PIPE CULVERTS               |   |
| 300.01                                   | Method of Pipe Installation - Method 'A'                              |
| DIVISION 6 - ASPHALT BASES AND PAVEMENTS |   |
| 654.01                                   | Pavement Repairs  |
| DIVISION 8 - INCIDENTALS                 |   |
| 815.03                                   | Pipe Underdrain and Blind Drain                                       |
| 816.04                                   | Markers for Drainage Structure and Concrete Pad                       |
| 840.00                                   | Concrete Base Pad for Drainage Structures                             |
| 840.14                                   | Concrete Drop Inlet - 12" thru 30" Pipe                               |
| 840.15                                   | Brick Drop Inlet - 12" thru 30" Pipe                                  |
| 840.16                                   | Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15 |
| 840.17                                   | Concrete Median Drop Inlet Type 'A' - 12" thru 72" Pipe               |
| 840.18                                   | Concrete Median Drop Inlet Type 'B' - 12" thru 36" Pipe               |
| 840.19                                   | Concrete Median Drop Inlet Type 'D' - 12" thru 36" Pipe               |
| 840.20                                   | Frames and Wide Slot Flat Grates                                      |
| 840.22                                   | Frames and Wide Slot Sag Grates                                       |
| 840.25                                   | Anchorage for Frames - Brick or Concrete                              |
| 840.26                                   | Brick Median Drop Inlet Type 'A' - 12" thru 72" Pipe                  |
| 840.27                                   | Brick Median Drop Inlet Type 'B' - 12" thru 36" Pipe                  |
| 840.28                                   | Brick Median Drop Inlet Type 'D' - 12" thru 36" Pipe                  |
| 840.45                                   | Precast Drainage Structure  |
| 840.66                                   | Drainage Structure Steps  |
| 850.10                                   | Guide for Berm Drainage Outlet - 15" and 18" Pipe                     |
| 862.01                                   | Guardrail Placement   |
| 866.02                                   | Woven Wire Fence - with Wood Post                                     |
| 876.01                                   | Rip Rap in Channels   |

EFF. 01-15-02  
REV. 11-23-04