



C200819
ONSLow COUNTY

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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 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. 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.

SHOULDER CONSTRUCTION:

SHOULDER CONSTRUCTION ON HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.02.

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.

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.

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 NOT SHOWN ON THE PLANS WILL BE PAID FOR AT THE CONTRACT PRICE FOR "TEMPORARY SHORING" OR "TEMPORARY SHORING-BARRIER SUPPORTED" DEPENDING UPON THE LOCATION OF THE SHORING.

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:

JONES-ONSLow E.M.C. PROGRESS ENERGY
SPRINT NORTH CAROLINA NATURAL GAS
CITY OF JACKSONVILLE & COUNTY OF ONSLOW

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

RIGHT-OF-WAY MARKERS:

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

EFF. 01-15-02

ROADWAY METRIC 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**
- 200.03 Method of Clearing - Method III
 - 225.01 Guide for Grading Subgrade - Interstate and Freeway
 - 225.02 Guide for Grading Subgrade - Secondary and Local
 - 225.05 Method of Obtaining Superelevation - Divided Highways

- DIVISION 3 - PIPE CULVERTS**
- 300.01 Method of Pipe Installation - Method 'A'
 - 310.10 Driveway Pipe Construction

- DIVISION 5 - SUBGRADE, BASES AND SHOULDERS**
- 560.02 Method of Shoulder Construction - High Side of Superelevated Curve - Method II

- DIVISION 6 - ASPHALT BASES AND PAVEMENTS**
- 654.01 Pavement Repairs

- DIVISION 8 - INCIDENTALS**

- 815.03 Pipe Underdrain and Blind Drain
- 820.04 Drain Installation in Shoulder Berm Gutter
- 838.01 Conc. Endwall for Single and Double Pipe Culverts - 375mm thru 1200mm Pipe 90° Skew
- 838.11 Brick Endwall for Single and Double Pipe Culverts - 375mm thru 1200mm Pipe 90° Skew
- 838.80 Precast Endwalls - 300mm thru 1800mm Pipe 90° Skew
- 840.00 Concrete Base Pad for Drainage Structures
- 840.14 Concrete Drop Inlet - 300mm thru 750mm Pipe
- 840.15 Brick Drop Inlet - 300mm thru 750mm Pipe
- 840.16 Drop Inlet Frame and Grates - for use with Std. Dwg.s 840.14 and 840.15
- 840.17 Concrete Median Drop Inlet Type 'A' - 300mm thru 1800mm Pipe
- 840.18 Concrete Median Drop Inlet Type 'B' - 300mm thru 900mm Pipe
- 840.19 Concrete Median Drop Inlet Type 'D' - 300mm thru 900mm 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' - 300mm thru 1800mm Pipe
- 840.27 Brick Median Drop Inlet Type 'B' - 300mm thru 900mm Pipe
- 840.28 Brick Median Drop Inlet Type 'D' - 300mm thru 900mm Pipe
- 840.31 Concrete Junction Box - 300mm thru 1650mm Pipe
- 840.32 Brick Junction Box - 300mm thru 1650mm Pipe
- 840.34 Traffic Bearing Junction Box - for Use with Pipes 1050mm and Under
- 840.45 Precast Drainage Structure
- 840.46 Traffic Bearing Precast Drainage Structure
- 840.66 Drainage Structure Steps
- 840.72 Pipe Collar
- 846.01 Concrete Curb, Gutter and Curb & Gutter
- 852.01 Concrete Islands
- 862.01 Guardrail Placement
- 862.03 Structure Anchor Units
- 866.01 Chain Link Fence - 1.2m, 1.5m and 1.8m High Fence
- 866.02 Woven Wire Fence - with Wood Post
- 876.01 Rip Rap in Channels
- 876.02 Guide for Rip Rap at Pipe Outlets
- 876.04 Drainage Ditches with Class 'B' Rip Rap

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