



C201116 (R-2539C)  
 PAMLICO  
 COUNTY

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

**GRADE LINE:  
 GRADING AND SURFACING:**

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

**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:**

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.

**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.

STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

**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.

**UTILITIES:**

UTILITY OWNERS ON THIS PROJECT ARE:

PROGRESS ENERGY, TIDELAND EMC, SPRINT, EASTERN NORTH CAROLINA NATURAL GAS, TIME WARNER CABLE, PAMLICO COUNTY, AND WESTERN BAY RIVER METROPOLITAN SEWER DISTRICT.

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.

**WHEELCHAIR RAMPS:**

WHEELCHAIR RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. THE CONSTRUCTION OF ALL WHEELCHAIR RAMPS SHALL BE IN ACCORDANCE WITH DETAILS IN PLANS.

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 **DIVISION 2 - EARTHWORK**

- 654.01 Method of Clearing - Method III
- 654.01 Guide for Grading Subgrade - Secondary and Local
- 225.04 Method of Obtaining Superelevation - Two Lane Pavement
- 654.01 Method of Grading Sight Distance at Intersections

**DIVISION 3 - PIPE CULVERTS**

- 300.01 Method of Pipe Installation - Method 'A'
- 654.01 Driveway Pipe Construction

**DIVISION 5 - SUBGRADE, BASES AND SHOULDERS**

- 654.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I

**DIVISION 6 - ASPHALT BASES AND PAVEMENTS**

- 654.01 Pavement Repairs

**DIVISION 8 - INCIDENTALS**

- 815.03 Pipe Underdrain and Blind Drain
- 816.04 Markers for Drainage Structure and Concrete Pad
- 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
- 840.00 Concrete Base Pad for Drainage Structures
- 840.01 Brick Catch Basin - 300mm thru 1350mm Pipe
- 840.02 Concrete Catch Basin - 300mm thru 1350mm Pipe
- 840.03 Frame, Grates and Hood - for Use on Standard Catch Basin
- 840.04 Concrete Catch Basin with Single and Multiple Pipes - 300mm thru 1200 Pipe
- 840.05 Brick Catch Basin with Single and Multiple Pipes - 300mm thru 1200mm Pipe
- 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. Dwgs. 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
- 840.25 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
- 840.29 Frames and Narrow Slot Flat Grates
- 840.30 Driveway Drop Inlet
- 840.31 Concrete Junction Box - 300mm thru 1650mm Pipe
- 840.32 Brick Junction Box - 300mm thru 1650mm Pipe
- 840.35 Traffic Bearing Drop Inlet - for Cast Iron Double Frame and Grates
- 840.36 Traffic Bearing Drop Inlet - for Steel (840.37) Double Frame and Grates
- 840.37 Steel Grate and Frame
- 840.45 Precast Drainage Structures
- 840.46 Traffic Bearing Precast Drainage Structure
- 840.54 Manhole Frame and Cover
- 840.66 Drainage Structure Steps
- 840.71 Concrete and Brick Pipe Plug
- 840.72 Pipe Collar
- 846.01 Concrete Curb, Gutter and Curb & Gutter
- 848.01 Concrete Sidewalk
- 848.04 Street Turnout
- 850.01 Concrete Paved Ditches
- 862.01 Guardrail Placement
- 876.01 Rip Rap in Channels
- 876.02 Guide for Rip Rap at Pipe Outlets
- 876.04 Drainage Ditches with Class 'B' Rip Rap