



STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

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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.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 OR 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. 560.01 OR 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.

BERM DITCHES:

BERM DITCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 240.01 AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

SHOULDER DRAINS:

SHOULDER DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 816.02 OR 816.03 AND DETAILS IN PLANS 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.

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.

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:

DIVISION 2 - EARTHWORK

- 200.03 Method of Clearing - Method III
- 225.03 Deceleration and Acceleration Lanes
- 225.04 Method of Obtaining Superelevation - Two Lane Pavement
- 225.05 Method of Obtaining Superelevation - Divided Highways
- 225.06 Method of Grading Sight Distance at Intersections
- 240.01 Guide for Berm Ditch Construction

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
- 560.02 Method of Shoulder Construction - High Side of Superelevated Curve - Method II

DIVISION 6 - ASPHALT BASES AND PAVEMENTS

- 610.01 Guide for Paving Shoulders Under Bridges - Method I

DIVISION 8 - INCIDENTALS

- 816.01 Concrete Pads - for Shoulder Drain Installation
- 816.02 Aggregate Shoulder Drain
- 816.03 Geocomposite Shoulder Drain
- 816.04 Markers for Drainage Structure and Concrete Pad
- 820.04 Drain Installation in Shoulder Berm Gutter
- 840.22 Frames and Wide Slot Sag Grates
- 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
- 840.35 Traffic Bearing Drop Inlet - for Cast Iron Double Frame and Grates
- 840.37 Steel Grate and Frame
- 840.45 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
- 852.01 Concrete Islands
- 852.06 Method for Placement of Drop Inlets in Concrete Islands
- 854.01 Double Faced Concrete Barrier - Types I, II, III and IV
- 862.01 Guardrail Placement
- 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