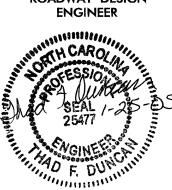
**ROADWAY DESIGN** 

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2002 SPECIFICATIONS EFFECTIVE: 01-15-02 REVISED: 05-14-03

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 II.

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE AREAS IN THE PLANS DESIGNATED SAFETY CLEARING. THE LIMITS ARE AS SHOWN AND THE CLEARING AND GRUBBING IS CONSIDERED A PART OF THE LUMP SUM ITEM FOR "CLEARING AND GRUBBING".

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 THE 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

SUBSURFACE PLANS:

INVOLVED.

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE:

Bell South, Charter Communication, Progress Energy, PSNC Gas, & City of Asheville

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS. (USE THE FOLLOWING NOTE WHEN UTILITY CONSTRUCTION PLANS ARE INCLUDED IN THE PROJECT.)

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.

ROADWAY ENGLISH STANDARD DRAWINGS

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

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

840.03

Method of Clearing - Method II Guide for Grading Subgrade - Secondary and Local Method of Obtaining Superelevation - Two Lane Pavement 225.04 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 DIVISION 8 - INCIDENTALS

840.00 Concrete Base Pad for Drainage Structures Brick Catch Basin - 12" thru 54" Pipe 840.01 840.02 Concrete Catch Basin - 12" thru 54" Pipe Frame, Grates and Hood – for Use on Standard Catch Basin

Concrete Junction Box - 12" thru 66" Pipe 840.31 Brick Junction Box - 12" thru 66" Pipe

840.32 Traffic Bearing Junction Box - for Use with Pipes 42" and Under 840.34

Traffic Bearing Drop Inlet - for Steel (840.37) Double Frame and Grates 840.36 840.37 Steel Grate and Frame

840.45 Precast Drainage Structure

840.46 Traffic Bearing Precast Drainage Structure 840.54 Manhole Frame and Cover

840.66 Drainage Structure Steps Concrete and Brick Pipe Plug 840.71

846.01 Concrete Curb, Gutter and Curb & Gutter

848.01 Concrete Sidewalk

Wheelchair Ramp - Curb Cut (Beg. October 2003 Let Use Detail in Lieu of Standard)

Concrete Islands