INDEX OF SHEETS

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

GRADING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED OR FUTURE 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.

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 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:

ASPHALT AND EARTH 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.

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.

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 :

RUTHERFORD EMC COMPANY
BELLSOUTH TELEPHONE COMPANY
TRANSCONTINENTAL GAS PIPELINE CORPORATION

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

225.02 Guide for Grading Subgrade - Secondary and Local

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

300.02 Method of Pipe Installation - Method 'B'

310.02 Parallel Pipe End Section - Precast Concrete Section for 375mm to 600mm Pipe

310.10 Driveway Pipe Construction

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 8 - INCIDENTALS

815.03 Pipe Underdrain and Blind Drain

816.04 Markers for Drainage Structure and Concrete Pad

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

838.21 Reinforced Concrete Endwall - for Single 1350mm/1400mm Pipe 90° Skew

838.33 Reinforced Concrete Endwall - for Single 1650mm Pipe 90° Skew

838.45 Notes for Reinforced Concrete Endwall - Std. Dwg.s 838.21 thru 838.40

838.51 Reinforced Brick Endwall - for Single 1350mm/1400mm Pipe 90° Skew

838.63 Reinforced Brick Endwall - for Single 1650mm Pipe 90° Skew

838.75 Notes for Reinforced Brick Endwall - Std. Dwg.s 838.51 thru 838.70

840.00 Concrete Base Pad for Drainage Structures

840.17 Concrete Median Drop Inlet Type `A' - 300mm thru 1800mm Pipe

840.18 Concrete Median Drop Inlet Type `B' - 300mm thru 900mm Pipe

840.22 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

840.31 Concrete Junction Box - 300mm thru 1650mm Pipe

840.32 Brick Junction Box - 300mm thru 1650mm Pipe

840.41 Spring Box - Concrete or Brick

840.45 Precast Drainage Structure

840.54 Manhole Frame and Cover

840.66 Drainage Structure Steps

850.01 Concrete Paved Ditches

850.10 Guide for Berm Drainage Outlet - 400mm and 450mm Pipe

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

876.03 Drainage Ditches with Class `A' Rip Rap

876.04 Drainage Ditches with Class `B' Rip Rap

PROJECT REFERENCE NO.	SHEET NO.
R-2206B	1-A
R /W SHEET NO.	

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ROADWAY DESIGN ENGINEER
NORTH CAROLINA
SEAL
022609
ENGINEER
MERRICK A DUCAL
9/3/02

WILBUR SMITH ASSOCIATES
P.O. BOX 2478
RALEIGH, N. C. 27602-2478

DATE: 02 AUG 2001
TIME: 08:45
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