METRIC	PROJECT REFERENCE NO.	SHEET NO.
	R-2610 B	1A
	ROADWAY DESIGN ENGINEER	

NORTH CAROLINA PROFESSIONAL SEAL 17691 ENGINEER RICHARD A. SHILLINGLAW 08-16-04

PROJECT NO. R-2610B

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.

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 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 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.

SHOULDER DRAINS:

SHOULDER DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH **STD. NO. 816. 02** AND DETAILS IN PLANS 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 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 :
PROGRESS ENERGY (POWER DISTRIBUTION)
EMC CENTRAL (POWER DISTRIBUTION)
SPRINT TELEPHONE COMPANY

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

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
200.02	Method of Clearing - Method II
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
240.01	Guide for Berm Ditch Construction
	DIVISION 3 - PIPE CULVERTS
300.01	Method of Pipe Installation - Method `A'
310.10	Driveway Pipe Construction
	DIVISION 5 - SUBGRADE, BASES AND SHOULDERS
560.01	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
816.01	Concrete Pads - for Shoulder Drain Installation
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
838.27	Reinforced Concrete Endwall - for Single 1500mm Pipe 90° Skew
838.45	Notes for Reinforced Concrete Endwall - Std. Dwg.s 838.21 thru 838.40
838.57	Reinforced Brick Endwall - for Single 1500mm Pipe 90° Skew
838.75	Notes for Reinforced Brick Endwall - Std. Dwg.s 838.51 thru 838.70
838.80	Precast Endwalls - 300mm thru 1800mm Pipe 90° Skew
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
840.19	Concrete Median Drop Inlet Type `D' - 300mm thru 900mm Pipe
840.22	Frames and Wide Slot Sag Grates
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
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
850.10	Guide for Berm Drainage Outlet - 400mm and 450mm Pipe
852.01	Concrete Islands
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