PROJECT REFERENCE NO. SHEET NO. BR-0114/BR-0115 /A

R/W SHEET NO.

ROADWAY DESIGN ENGINEER

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED** 

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GENERAL N	IOTES:	2018 SPECIFI EFFECTIVE:	
GRADE LIN GRADING A	NE: AND SURFACING:		
		WN ON THE TYP ND ENDING AND	PICAL SECTIONS. GRADE LINES MAY BE AT STRUCTURES AS DIRECTED BY THE
CLEARING:	:		
	CLEARING ON THIS PROJECT SHALL METHOD III.	L BE PERFORME	D TO THE LIMITS ESTABLISHED BY
SUPERELEV	/ATION:		
	NO. 225.04 USING THE RATE OF	SUPERELEVATIO	LEVATED IN ACCORDANCE WITH STD. ON AND RUNOFF SHOWN ON THE PLANS. C GRADE POINTS SHOWN ON THE TYPICAL
SHOULDER	CONSTRUCTION:		
	ASPHALT, EARTH, AND CONCRETE	SHOULDER CONS	STRUCTION ON THE HIGH SIDE OF

SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT PRICE FOR THE PARTICULAR ITEMS INVOLVED. SUBSURFACE DRAINS: SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT AT LOCATIONS DIRECTED BY THE ENGINEER. GUARDRAIL:

SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01.

THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE

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.

END BENTS:

SIDE ROADS:

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 ENERGY-UNITED AND YADTEL. 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 STATE FORCES.

## STANDARD DRAWINGS

2018 ROADWAY ENGLISH STANDARD DRAWINGS

EFF. January, 2018

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 are applicable to this project and by reference hereby are considered a part of these plans:

TD.NO.	TITLE
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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

DIVISION 3 - PIPE CULVERTS

310.10 Driveway Pipe Construction

DIVISION 4 - MAJOR STRUCTURES

422.02 Bridge Approach Fills - Type II - Modified Approach Fill

DIVISION 5 - SUBGRADE, BASES AND SHOULDERS

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

DIVISION 8 - INCIDENTALS

815.02 Subsurface Drain

840.00 Concrete Base Pad for Drainage Structures

840.29 Frames and Narrow Slot Flat Grates

840.35 Traffic Bearing Grated Drop Inlet – for Cast Iron Double Frame Grates

840.46 Traffic Bearing Precast Drainage Structures

840.66 Drainage Structure Steps

846.01 Concrete Curb, Gutter and Curb & Gutter

846.02 Drop Inlet Installation in Expressway Gutter

846.03 Structure Anchor Units

846.04 Drop Inlet Installation in Shoulder Berm Gutter

848.04 Street Turnout

862.01 Guardrail Placement

862.02 Guardrail Installation

862.03 Structure Anchor Units

876.01 Rip Rap in Channels

876.02 Guide for Rip Rap at Pipe Outlets

876.04 Drainage Ditches with Class 'B' Rip Rap