INDEX OF SHEETS SHEET NUMBER SHEET TITLE SHEET 1 1 A INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS 1 B CONVENTIONAL SYMBOLS 1C-1 THRU 1C-2 SURVEY CONTROL SHEETS 2A-1 PAVEMENT SCHEDULE, TYPICAL SECTIONS, WEDGING DETAIL AND MISCELLANEOUS DETAILS 2G-1 STANDARD TEMPORARY SHORING DETAIL SUMMARY OF GUARDRAIL, SUMMARY OF ASPHALT PAVEMENT REMOVAL 3B-1 AND SUMMARY OF EARTHWORK 3D-1 SUMMARY OF DRAINAGE QUANTITIES 3G-1 SUMMARY OF GEOTECHNICAL QUANTITIES 4 PLAN SHEET PROFILE SHEET 5 TMP-1 THRU TMP-5 TRAFFIC MANAGEMENT PLANS PMP-1 THRU PMP-2 PAVEMENT MARKING PLANS EC-1 THRU EC-6 EROSION CONTROL PLANS RF -- 1 REFORESTATION PLANS SIGN-1 THRU SIGN-3 SIGNING PLANS UO-1 THRU UO-2 UTILITIES BY OTHERS PLANS X-1 A CROSS-SECTION INDEX SHEET X-1B CROSS-SECTION SUMMARY SHEET X-1 THRU X-15 CROSS-SECTIONS C-1 THRU C-18 CULVERT PLANS

GENERAL NOTES:

2018 SPECIFICATIONS EFFECTIVE: 01-16-2018 REVISED:

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.

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, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 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.

SUBSURFACE DRAINS:

SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 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 NOT SHOWN ON THE PLANS WILL BE PAID FOR AT THE CONTRACT PRICE FOR "TEMPORARY SHORING".

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE

French Broad Electric Memebership Corporation

Frontier Communications

Country Cablevision

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 CONTRACT.

2018 ROADWAY ENGLISH STANDAR

The following Roadway Standa N. C. Department of Transpor and by reference hereby are a

STD.NO.

DIVISION	2 – EARTHWORK			
200.02	Method of Clearin			
225.02	Guide for Grading			
225.04	Method of Obtaini			
225.06	Method of Grading			
DIVISION	3 - PIPE CULVERTS			
300.01	Method of Pipe In			
310.03	Cross Pipe End Se			
DIVISION	5 - SUBGRADE, BASE			
560.01	Method of Shoulde			
DIVISION	6 – ASPHALT BASES			
654.01	Pavement Repairs			
DIVISION	8 - INCIDENTALS			
806.01	Concrete Right-of			
806.02	Granite Right-of-			
815.02	Subsurface Drain			

000.02	
815.02	Subsurface Drain
840.00	Concrete Base Pad
840.14	Concrete Drop Inle
840.15	Brick Drop Inlet -
840.16	Drop Inlet Frame d
840.25	Anchorage for Fran
840.45	Precast Drainage S
862.01	Guardrail Placemer
862.02	Guardrail Installe
862.03	Structure Anchor l
876.02	Guide for Rip Rap

		PROJECT REFERENCE NO)	SHEET NO.		
		B-4848		IA		
			RO	ADWAY DESIGN ENGINEER		
			Docessie By Constant 329D39A	SEAL 026964 WG INE E 094F124FC 11/17/2017		
		DOCUMENT NOT C UNLESS ALL SIGNA	ONSID TURES	ERED FINAL COMPLETED		
RD DRAWINGS	EFF. 01-16-2018 REV.					
ards as appear in "Roadwa rtation - Raleigh, N. C., considered a part of the	y Standard Drawings" Hig Dated January, 2018 are se plans:	hway Design Branch - applicable to this pro	ojec†			
TITLE						
g - Method II Subgrade - Secondary and ng Superelevation - Two Lo Sight Distance at Interso	Local ane Pavement actions					
stallation ction - Precast Concrete :	Section for 18" to 30" P	ipe				
S AND SHOULDERS r Construction - High Side of Superelevated Curve - Method I						
AND PAVEMENTS						
-Way Marker Way Marker						
for Drainage Structures et - 12" thru 30" Pipe - 12" thru 30" Pipe and Grates - for use with mes - Brick or Concrete of	Std. Dwg 840.14 and 840	.15				
structure ation						
Units at Pipe Outlets						