


8/17/99

PROJECT REFERENCE NO.
BR-0060

SHEET NO.
1A

ROADWAY DESIGN
ENGINEER



12/3/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

	INDEX OF SHEETS	2024 ROADWAY ENGLISH STANDARD DRAWINGS	EFF. 01-16-2024 REV.	GENERAL NOTES:	2024 SPECIFICATIONS EFFECTIVE: 01-16-2024 REVISED:
SHEET NUMBER	SHEET	The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:			
1	TITLE SHEET			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.
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS	STD.NO. TITLE		CLEARING:	CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
1B	CONVENTIONAL SYMBOLS	DIVISION 2 - EARTHWORK		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.
2A-1 THRU 2A-2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS	200.02 Method of Clearing - Method II		SHOULDER CONSTRUCTION:	ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01
2B-1 THRU 2B-2	ROADWAY DETAILS	225.02 Guide for Grading Subgrade - Secondary and Local		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.
2C-1 THRU 2C-5	SPECIAL DETAILS	225.04 Method of Obtaining Superelevation - Two Lane Pavement		SUBSURFACE DRAINS:	SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.
3B-1	ROADWAY SUMMARIES	DIVISION 3 - PIPE CULVERTS		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.
3D-1	DRAINAGE SUMMARIES	300.01 Method of Pipe Installation (Use Details in Lieu of Standards for Sheets 1 and 2 of 2)		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".
3G-1	GEOTECHNICAL SUMMARIES	310.10 Driveway Pipe Construction		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.
3P-1	PARCEL INDEX SHEET	DIVISION 4 - MAJOR STRUCTURES		UTILITIES:	UTILITY OWNERS ON THIS PROJECT ARE AT&T DUKE ENERGY ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.
4 THRU 7	PLAN AND PROFILE SHEET	423.01 Bridge Approach Fills - Type 1 Approach Fill for Bridge Abutment		RIGHT-OF-WAY MARKERS:	ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.
RW01 THRU RW05	SURVEY CONTRADL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENT AND PROPERTY TIES	DIVISION 5 - SUBGRADE, BASES AND SHOULDERS			
TMP-1 THRU TMP-13	TRAFFIC MANAGEMENT PLANS	560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I			
PMP-1 THRU PMP-4	PAVEMENT MARKING PLANS	DIVISION 6 - ASPHALT BASES AND PAVEMENTS			
EC-1 THRU EC-9	EROSION CONTROL PLANS	654.01 Pavement Repairs			
RF-1	REFORESTATION PLANS	DIVISION 8 - INCIDENTALS			
SIGN-1 THRU SIGN-4	SIGNING PLANS	815.02 Subsurface Drain			
UO-1 THRU UO-5	UTILITIES BY OTHERS PLANS	840.00 Concrete Base Pad for Drainage Structures			
X-1A	CROSS-SECTION SUMMARY SHEET	840.04 Concrete Open Throat Catch Basin - 12" thru 48" Pipe			
X-1 THRU X-23	CROSS-SECTIONS	840.05 Brick Open Throat Catch Basin - 12" thru 48" Pipe			
S-1 THRU S-37	STRUCTURE PLANS	840.17 Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe			
		840.18 Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe			
		840.20 Frames and Wide Slot Flat Grates			
		840.22 Frames and Wide Slot Sag Grates			
		840.25 Anchorage for Frames - Brick or Concrete or Precast			
		840.26 Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe			
		840.27 Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe			
		840.35 Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates			
		840.45 Precast Drainage Structure			
		840.46 Traffic Bearing Precast Drainage Structure			
		840.66 Drainage Structure Steps			
		840.71 Concrete and Brick Pipe Plug			
		846.01 Concrete Curb, Gutter and Curb & Gutter			
		846.04 Drop Inlet Installation in Shoulder Berm Gutter			
		862.01 Guardrail Placement (Use Details in Lieu of Standards for Sheets 4, 6, 12, and 14 of 15)			
		862.02 Guardrail Installation			
		862.03 Structure Anchor Units (Use Detail in Lieu of Standard for Sheet 8 of 9)			
		862.04 Anchoring End of Guardrail - for B-77 and B-83 Anchor Units			
		876.02 Guide for Rip Rap at Pipe Outlets			
		876.04 Drainage Ditches with Class 'B' Rip Rap			