

INDEX OF SHEETS		EFF. 01-16-2024	REV.
SHEET NUMBER	SHEET	2024 ROADWAY ENGLISH STANDARD DRAWINGS	
1	TITLE 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:	
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS	STD.NO.	TITLE
1B	CONVENTIONAL SYMBOLS	DIVISION 2 - EARTHWORK	
2A-1 THRU 2A-2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS	200.02	Method of Clearing - Method II
2C-1 THRU 2C-8	SPECIAL DETAILS	225.02	Guide for Grading Subgrade - Secondary and Local
2G-1	DETAIL OF TEMPORARY SHORING	225.04	Method of Obtaining Superelevation - Two Lane Pavement
3B-1	ROADWAY SUMMARIES	225.06	Method of Grading Sight Distance at Intersections
3D-1	DRAINAGE SUMMARIES	DIVISION 3 - PIPE CULVERTS	
3G-1	GEOTECHNICAL SUMMARIES	300.01	Method of Pipe Installation (Use Details in Lieu of Standards for Sheets 1 and 2 of 2)
4 THRU 5	PLAN AND PROFILE SHEET	310.10	Driveway Pipe Construction
RW-1 THRU RW-4	SURVEY CONTROL, EXISTING CENTERLINES, RIGHT OF WAY, EASEMENT AND PROPERTY TIES	DIVISION 4 - MAJOR STRUCTURES	
TMP-1 THRU TMP-6	TRAFFIC MANAGEMENT PLANS	423.01	Bridge Approach Fills - Type 1 Approach Fill for Bridge Abutment
PMP-1 THRU PMP-2	PAVEMENT MARKING PLANS	DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
EC-1 THRU EC-5	EROSION CONTROL PLANS	560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
RF-1	REFORESTATION PLANS	DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
SIGN-1 THRU SIGN-3	SIGNING PLANS	654.01	Pavement Repairs
UO-1 THRU UO-2	UTILITIES BY OTHERS PLANS	DIVISION 8 - INCIDENTALS	
X-1	CROSS-SECTION INDEX	815.02	Subsurface Drain
X-1A	CROSS-SECTION SUMMARY SHEET	840.00	Concrete Base Pad for Drainage Structures
X-2 THRU X-12	CROSS-SECTIONS	840.29	Frames and Narrow Slot Flat Grates
W-1 THRU W-2	WALL PLANS	840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates
S-1 THRU S-32	STRUCTURE PLANS	840.46	Traffic Bearing Precast Drainage Structure
STRUCTURE STANDARD NOTES		840.66	Drainage Structure Steps
		846.01	Concrete Curb, Gutter and Curb & Gutter
		846.04	Drop Inlet Installation in Shoulder Berm Gutter
		857.01	Precast Reinforced Concrete Barrier - 41" Single Faced
		862.01	Guardrail Placement (Use Details in Lieu of Standards for Sheets 4, 6, 12, and 14 of 15)
		862.02	Guardrail Installation (Use Detail in Lieu of Standard for Sheet 5 of 9)
		862.03	Structure Anchor Units (Use Detail in Lieu of Standard for Sheet 8 of 9)
		876.02	Guide for Rip Rap at Pipe Outlets

GENERAL NOTES:2024 SPECIFICATIONS
EFFECTIVE: 01-16-2024
REVISED:

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 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. 560.01

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.

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".

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

TELECOMMUNICATIONS

RIVERSTREET NETWORKS

SEGRA

WINDSTREAM

DUKE ENERGY

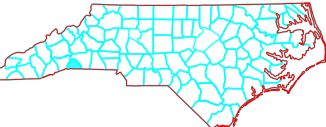
RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY OTHERS.

BP14-R038

4RDI1A

NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ROLE COUNTY



ROADWAY DESIGN UNIT

ROADWAY DESIGN
ENGINEER

12/1/2025

PROFESSIONAL
SEAL
25477

ENGINEER


THAD F. DUNCAN

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