

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1 THRU 2A-4	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2B-1	ROADWAY DETAIL - CURVE DATA SHEET
2B-2 THRU 2B-3	ROADWAY DETAILS - ROUNDABOUT & CONCRETE ISLAND LAYOUTS
2C-1	SPECIAL DETAIL - CONCRETE STEPS WITH HANDRAIL
2D-1 THRU 2D-5	DRAINAGE DETAILS
3B-1	EARTHWORK, GUARDRAIL, AND ASPHALT PAVEMENT REMOVAL SUMMARIES
3D-1 THRU 3D-9	DRAINAGE SUMMARIES
3G-1	GEOTECHNICAL SUMMARIES
3P-1	PARCEL INDEX SHEET
4 THRU 6	PLAN SHEETS
7 THRU 10	PROFILE SHEETS
RW-1 THRU RW-6	SURVEY CONTROL SHEETS
TMP-1 THRU TMP- 9	TRAFFIC MANAGEMENT PLANS
PMP-1 THRU PMP-4	PAVEMENT MARKING PLANS
EC-1 THRU EC-9	EROSION CONTROL PLANS
SIGN-1 THRU SIGN-8	SIGNING PLANS
SIG-1.0 THRU SIG-8.2	SIGNAL PLANS
UC-1 THRU UC-19	UTILITIES CONSTRUCTION PLANS
UO-1 THRU UO-4	UTILITIES BY OTHERS PLANS
X-1A	CROSS-SECTION INDEX SHEET
X-1B	CROSS-SECTION SUMMARY SHEET
X-1 THRU X-34	CROSS-SECTIONS
W1-1 THRU W1-2	RETAINING WALL #1

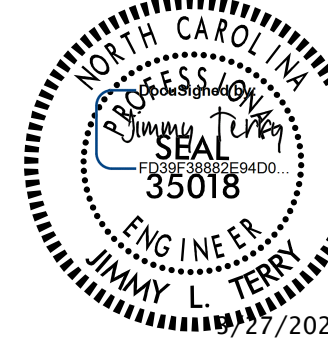
STANDARD DRAWINGS

EFF. 01-16-2024
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

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:

STD.NO.	TITLE	STD.NO.	TITLE
DIVISION 2 - EARTHWORK		DIVISION 8 - INCIDENTALS	
200.02	Method of Clearing - Method II	815.02	Subsurface Drain
225.02	Guide for Grading Subgrade - Secondary and Local	840.30	Driveway Drop Inlet
225.04	Method of Obtaining Superelevation - Two Lane Pavement	840.31	Concrete Junction Box - 12" thru 66" Pipe
225.06	Method of Grading Sight Distance at Intersections	840.32	Brick Junction Box - 12" thru 66" Pipe
DIVISION 3 - PIPE CULVERTS		840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates
300.01	Method of Pipe Installation	840.45	Precast Drainage Structure
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS		840.46	Traffic Bearing Precast Drainage Structure
560.02	Method of Shoulder Construction - High Side of Superelevated Curve - Method II	840.66	Drainage Structure Steps
DIVISION 6 - ASPHALT BASES AND PAVEMENTS		840.71	Concrete and Brick Pipe Plug
654.01	Pavement Repairs	846.01	Concrete Curb, Gutter and Curb & Gutter
DIVISION 8 - INCIDENTALS		848.01	Concrete Sidewalk
840.00	Concrete Base Pad for Drainage Structures	848.02	Driveway Turnout - Radius Type
840.01	Brick Catch Basin - 12" thru 54" Pipe	848.04	Street Turnout
840.02	Concrete Catch Basin - 12" thru 54" Pipe	848.06	Curb Ramp
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin	852.01	Concrete Islands
840.14	Concrete Drop Inlet - 12" thru 30" Pipe	852.02	Method for Placement of Drop Inlets in Grassed Median - Using 1'-6" Curb and Gutter
840.15	Brick Drop Inlet - 12" thru 30" Pipe	852.05	Median Curb for Catch Basin - for Use with 1'-6" Curb and Gutter
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15	852.06	Method for Placement of Drop Inlets in Concrete Islands
840.17	Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe	862.01	Guardrail Placement
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe	862.02	Guardrail Installation
840.19	Concrete Grated Drop Inlet Type 'D' - 12" thru 36" Pipe	876.02	Guide for Rip Rap at Pipe Outlets
840.22	Frames and Wide Slot Sag Grates		
840.24	Frames and Narrow Slot Sag Grates		
840.26	Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe		
840.27	Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe		
840.28	Brick Grated Drop Inlet Type 'D' - 12" thru 36" Pipe		
840.29	Frames and Narrow Slot Flat Grates		

PROJECT REFERENCE NO. <i>U-5809</i>	SHEET NO. <i>1A</i>
ROADWAY DESIGN ENGINEER	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

GENERAL NOTES

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

GRADE LINE: 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.

DRIVEWAYS: DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 3 FOOT RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

STREET TURNOUT: STREET RETURNS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 848.04 USING THE RADII NOTED ON PLANS.

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 DUKE ENERGY, CENTURY LINK, YADTEL, SPECTRUM, FRONTIER NATURAL GAS, TOWN OF YADKINVILLE (WATER & SEWER)
ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

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

CURB RAMPS CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.06.