

STV

STV Engineers, Inc.
900 West Trade St., Suite 715
Charlotte, NC 28202
NC License Number F-0991

PROJECT REFERENCE NO.

B-6029

SHEET NO.

1A

RW SHEET NO.

ROADWAY DESIGN ENGINEER

NOT A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT ONLY AS TO THE STD. DRAWINGS

THIS DOCUMENT ORIGINALLY ISSUED AND SEALED BY:

NIKKI T. HONEYCUTT

03/23/24 ON 11/16/23

THIS DOCUMENT IS ONLY CERTIFIED AS TO STANDARD IND. 423.01

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

INDEX OF SHEETS

GENERAL NOTES

STANDARD DRAWINGS

SHEET NUMBER	SHEET	GENERAL NOTES:	2024 SPECIFICATIONS EFFECTIVE: 01-01-2024
1	TITLE SHEET		
1A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS	GRADE LINE: GRADING AND SURFACING:	
1B	CONVENTIONAL SYMBOLS		
RW01	SURVEY CONTROL TSH		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.
RW02C-1THRU RW02C-3	SURVEY CONTROL PLANSHEET		
RW02D-1	PROP ALIGNMENT SHEET		
RW03E-1	RIGHT OF WAY CONTROL SHEET		
RW04 THRU RW05	RIGHT OF WAY, EASEMENT, AND PROPERTY TIES	CLEARING:	CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
2A-1	TYPICAL SECTIONS AND DETAILS		
3B-1	SUMMARIES SHEET	SUPERELEVATION:	
3P-1	PARCEL DATA SHEET		
4 THRU 6	PLAN AND PROFILE SHEET		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.
TMP-1 THRU TMP-5	TRAFFIC MANAGEMENT PLANS		
PMP-1	PAVEMENT MARKING PLANS		
EC-1 THRU EC-6	EROSION CONTROL PLANS	SHOULDER CONSTRUCTION:	
RF-1	REFORESTATION DETAIL SHEET		
UD-1 THRU UD-2	UTILITIES BY OTHERS PLANS		ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01.
X-1 THRU X-21	CROSS-SECTIONS	GUARDRAIL:	
S-1 THRU S-16	STRUCTURE PLANS		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.
W-1	GABION WALL		
SN	STANDARD NOTES	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.
		RIGHT-OF-WAY MARKERS:	
			ALL RIGHT-OF-WAY MARKERS ON THIS PROJECT SHALL BE PLACED BY CONTRACT IN ACCORDANCE WITH SECTION 801 OF THE 2024 NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
		SUBSURFACE PLANS:	
			SUBSURFACE INFORMATION IS AVAILABLE ON THE STRUCTURE PORTION OF THIS PROJECT ONLY. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.
		UTILITIES:	
			UTILITY OWNERS ON THIS PROJECT ARE DUKE ENERGY & FRONTIER COMMUNICATIONS. ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.

2024 ROADWAY ENGLISH STANDARD DRAWINGS	EFF. January, 2024
The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2024 are applicable to this project and by reference hereby are considered a part of these plans:	
STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
275.01	Rock Plating
DIVISION 4 - MAJOR STRUCTURES	
423.01	Bridge Approach Fills - Type 1 Approach Fill for Bridge Abutment
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
DIVISION 8 - INCIDENTALS	
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.15	Brick Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates
840.20	Frames and Wide Slot Flat Grates
840.29	Frames and Narrow Slot Flat Grates
840.35	Traffic Bearing Grated Drop Inlet
846.01	Concrete Curb, Gutter and Curb & Gutter
862.01	Guardrail Placement
862.02	Guardrail Installation
876.02	Guide for Rip Rap at Pipe Outlets
DIVISION 11 - WORK ZONE TRAFFIC CONTROL	
1101.01	Detail Drawing for Two-way Undivided Work Zone Warning Signs
1101.02	Temporary Lane Closures
1101.04	Temporary Shoulder Closures
1101.05	Work Zone Vehicle Accesses
1110.01	Stationary Work Zone Signs - Mounting Height & Lateral Clearance
1110.02	Portable Work Zone Signs - Mounting Height & Lateral Clearance
1130.01	Drum
1135.01	Cones
1145.01	Barricades - Type III
1150.01	Flagging Devices
1180.01	Skinny - Drum
DIVISION 12 - PAVEMENT MARKINGS, MARKERS AND DELINEATION	
1205.01	Pavement Markings - Line Types and Offsets
1205.12	Pavement Markings - Bridges
1261.01	Guardrail and Barrier Delineators - Installation Spacing
1261.02	Guardrail & Barrier Delineators - Types and Mounting
1262.01	Guardrail End Delineation
DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT	
1605.01	Temporary Silt Fence
1606.01	Special Sediment Control Fence
1631.01	Matting Installation
1632.02	Rock Inlet Sediment Trap Type B
1632.03	Rock Inlet Sediment Trap Type C
1633.01	Temporary Rock Silt Check Type A
1634.02	Temporary Rock Sediment Dam Type B
1635.02	Rock Pipe Inlet Sediment Trap Type B

