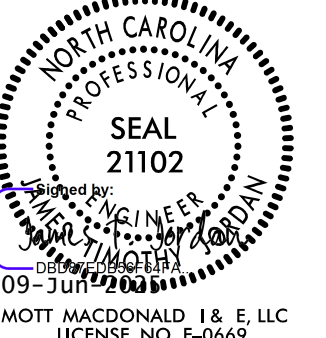


GENERAL NOTES		
GENERAL NOTES:	2024 SPECIFICATIONS	EFFECTIVE: 01-16-2024
GRADING AND SURFACING:		
THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF 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. 560.01.		
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.		
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".		
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 DUKE ENERGY, BRIGHTSPEED, SPECTRUM AND THE TOWN OF MADISON WATER & SEWER.		
ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON THE PLANS.		
RIGHT-OF-WAY MARKERS:		
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 IN ACCORDANCE WITH STD. 848.06.		

LIST OF ROADWAY STANDARD DRAWINGS

2024 ROADWAY ENGLISH STANDARD DRAWINGS		EFF. 01-16-2024
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 3 – PIPE CULVERTS		
310.10	Driveway Pipe Construction	
DIVISION 4 – MAJOR STRUCTURES		
423.01	Bridge Approach Fills – Type I Approach Fill for Bridge Abutment	
423.02	Bridge Approach Fills – Type 1A Alternate Approach Fill for Intergral Bridge Abutment	
423.03	Bridge Approach Fills – Type 2A Approach Fill for Bridge Abutment with MSE Wall	
423.04	Bridge Approach Fills – Type 2A Alternate Approach Fill for Intergral Bridge Abutment with MSE Wall	
DIVISION 5 – SUBGRADE, BASES AND SHOULDERS		
560.01	Method of Shoulder Construction – High Side of Superelevated Curve – Method I	
DIVISION 6 – ASPHALT BASES AND PAVEMENTS		
654.01	Pavement Repairs	
DIVISION 8 – INCIDENTALS		
815.02	Subsurface Drain	
838.01	Concrete Endwall for Single and Double Pipe Culverts – 15" thru 48" Pipe 90 Skew	
838.11	Brick Endwall for Single and Double Pipe Culverts – 15" thru 48" Pipe 90 Skew	
840.00	Concrete Base Pad for Drainage Structures	
840.01	Brick Catch Basin – 12" thru 54" Pipe	
840.02	Concrete Catch Basin – 12" thru 54" Pipe	
840.03	Frame, Grates and Hood – for Use on Standard Catch Basin	
840.25	Anchorage for Frames – Brick or Concrete or Precast	
840.29	Frames and Narrow Slot Flat Grates	
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	
846.01	Concrete Curb, Gutter and Curb & Gutter	
846.04	Drop Inlet Installation in Shoulder Berm Gutter	
848.04	Street Turnout	
848.06	Curb Ramp	
862.01	Guardrail Placement	
862.02	Guardrail Installation	
862.03	Structure Anchor Units	
866.01	Chain Link Fence – 4', 5', and 6' High Fence	
866.02	Woven Wire Fence – with Wood Post	
876.01	Rip Rap in Channels and Ditches	
876.02	Guide for Rip Rap at Pipe Outlets	
876.04	Drainage Ditches with Class 'B' Rip Rap	

INDEX OF SHEETS	
SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1 THRU 2A-2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
2B-1	CROSSING CLOSURE DETAIL
2B-2	FENCE DETAIL
2B-3	PEDESTRIAN SAFETY RAIL DETAIL
2B-4	STRUCTURE /RETAINING WALL DETAIL
2C-1 THRU 2C-2	METHOD OF PIPE INSTALLATION DETAILS
2C-3 THRU 2C-4	GUARDRAIL PLACEMENT DETAILS
2C-5	DETAIL OF CHAIN LINKED FENCE WITH BARBED WIRE
2C-6	CONCRETE SIDEWALK DETAIL
2G-1 THRU 2G-4	GEOTECHNICAL DETAILS
3B-1	GUARDRAIL, EARTHWORK, SHOULDER BERM GUTTER AND PAVEMENT REMOVAL SUMMARY
3D-1	DRAINAGE SUMMARY
3G-1	GEOTECHNICAL SUMMARY
3P-1	PARCEL INDEX SHEET
4 THRU 5	PLAN SHEET
6 THRU 7	PROFILE SHEETS
RW01 THRU RW05	SURVEY CONTROL SHEETS
TMP-1 THRU TMP-11	TRAFFIC MANAGEMENT PLANS
PMP-1 THRU PMP-3	PAVEMENT MARKING PLANS
EC-1 THRU EC-7	EROSION CONTROL PLANS
SIGN-1 THRU SIGN-7	SIGNING PLANS
UC-1 THRU UC-6	UTILITY CONSTRUCTION PLANS
UO-1 THRU UO-3	UTILITIES BY OTHERS PLANS
X-1	CROSS-SECTION INDEX
X-1A	CROSS-SECTION SUMMARY
X-2 THRU X-24	CROSS-SECTIONS
ST	STRUCTURE TITLE SHEET
S01-1 THRU S01-48	STRUCTURE PLANS
SN	STRUCTURE NOTES
W-1 THRU W-6	WALL PLANS

PROJECT REFERENCE		SHEET NO.
B-5716		1A
ROADWAY DESIGN ENGINEER		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		
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