



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

EFF. 01-16-2018 REV.

SHEET NUMBER	SHEET	TITLE
1	TITLE SHEET	The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2018 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. DIVISION 2 - EARTHWORK
1B	CONVENTIONAL SYMBOLS	200.02 Method of Clearing - Method II
1C-1 THRU 1C-2	SURVEY CONTROL SHEETS	225.01 Guide for Grading Subgrade - Interstate and Freeway
2A-1 THRU 2A-3	PAVEMENT SCHEDULE AND TYPICAL SECTIONS	225.02 Guide for Grading Subgrade - Secondary and Local
2B-1 THRU 2B-3	DETOUR PLAN SHEETS	225.03 Deceleration and Acceleration Lanes
2C-1	W BEAM RAIL SECTION DETAIL	225.04 Method of Obtaining Superelevation - Two Lane Pavement
2C-2	TEMPORARY STEEL PLATE COVER	225.05 Method of Obtaining Superelevation - Divided Highways
2D-1	DRAINAGE DETAILS	225.09 Guide for Shoulder and Ditch Transition at Grade Separations
2G-1 THRU 2G-3	TEMPORARY SHORING DETAILS	DIVISION 3 - PIPE CULVERTS
3B-1 THRU 3B-2	ROADWAY SUMMARIES	300.01 Method of Pipe Installation
3D-1 THRU 3D-3	DRAINAGE SUMMARIES	DIVISION 4 - MAJOR STRUCTURES
3G-1	GEOTECHNICAL SUMMARIES	422.03 Reinforced Bridge Approach Fills - Type A Alternate Approach Fill for Integral Abutment
3P-1	PARCEL INDEX SHEET	DIVISION 5 - SUBGRADE, BASES AND SHOULDERS
4 THRU 6	PLAN SHEETS	560.01 Method of Shoulder Construction - High Side of Superelevated Curve - Method I
7 THRU 17	PROFILE SHEETS	560.02 Method of Shoulder Construction - High Side of Superelevated Curve - Method II
TMP-1 THRU TMP-26	TRAFFIC MANAGEMENT PLANS	DIVISION 6 - ASPHALT BASES AND PAVEMENTS
PMP-1 THRU PMP-5	PAVEMENT MARKING PLANS	610.03 Guide for Paving Shoulders Under Bridges - Method III
EC-1 THRU EC-12	EROSION CONTROL PLANS	654.01 Pavement Repairs
SIGN-1 THRU SIGN-6	SIGNING PLANS	665.01 Asphalt Shoulders - Milled Rumble Strips
UO-1 THRU UO-2	UTILITIES BY OTHERS PLANS	DIVISION 8 - INCIDENTALS
X-1A	CROSS-SECTION INDEX OF SHEETS	806.01 Concrete Right-of-Way Marker
X-1B THRU X-1C	CROSS-SECTION SUMMARY SHEETS	806.02 Granite Right-of-Way Marker
X-1 THRU X-44	CROSS-SECTIONS	815.02 Subsurface Drain
S1-1 THRU S1-25	STRUCTURE PLANS - WB BRIDGE	840.00 Concrete Base Pad for Drainage Structures
S2-1 THRU S2-25	STRUCTURE PLANS - EB BRIDGE	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
		840.24 Frames and Narrow 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
		840.31 Concrete Junction Box - 12" thru 66" Pipe
		840.32 Brick Junction Box - 12" thru 66" Pipe
		840.45 Precast Drainage Structure
		840.54 Manhole Frame and Cover
		840.66 Drainage Structure Steps
		846.01 Concrete Curb, Gutter and Curb & Gutter
		846.04 Drop Inlet Installation in Shoulder Berm Gutter
		852.01 Concrete Islands
		862.01 Guardrail Placement
		862.02 Guardrail Installation
		862.03 Structure Anchor Units
		862.04 Anchoring End of Guardrail - B-77 and B-83 Anchor Units
		866.02 Woven Wire Fence - with Wood Post
		876.01 Rip Rap in Channels
		876.02 Guide for Rip Rap at Pipe Outlets
		876.04 Drainage Ditches with Class 'B' Rip Rap

GENERAL NOTES: 2018 SPECIFICATIONS EFFECTIVE: 01-16-2018 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 11.

SUPERELEVATION: ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 & STD. NO. 225.05 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 AND 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.

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".

SUBSURFACE PLANS: NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

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 CHARTER CENTURYLINK ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

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