## STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

	PROJECT REFERENCE NO.
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©2019	ROADWAY ENGINI
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SHEET NO.

## GENERAL NOTES

2018 SPECIFICATIONS

EFFECTIVE: 01-16-2018 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:

INDEX OF SHEETS

INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARDS

METHOD OF CLEARING MODIFIED METHOD III DETAIL

PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND MISCELLANEOUS DETAILS

SHEEI

CONVENTIONAL SYMBOLS

ROADWAY SUMMARIES

DRAINAGE SUMMARY

PLAN SHEETS PROFILE SHEET

PMP-ITHRU PMP-3 PAVEMENT MARKING PLANS

GEOTECHNICAL SUMMARIES

RIGHT-OF-WAY SHEETS

EROSION CONTROL PLANS

UTILITY CONSTRUCTION PLANS

CROSS-SECTION SUMMARY SHEET

UTILITIES BY OTHERS PLANS

REFORESTATION PLAN

SIGNING PLANS

CROSS-SECTIONS

STRUCTURE PLANS

STANDARD NOTES

GUARDRAIL INSTALLATION DETAIL

TRANSPORTATION MANAGEMENT PLANS

TITLE SHEET

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY MODIFIED METHOD III. SEE SHEET 2C-I.

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.

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 WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

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:

POWER: DUKE ENERGY - RANDY MILLER - 910-625-1340 - RAMILLER@PIKE.COM TELEPHONE: CHARTER - STAN RAMSAY - 252-725-1141 - STAN.RAMSAY@PINTECHCORP.COM FIBER: CENTURYLINK - KEVIN GODWIN - 910-366-2142 - KEVIN.GODWIN@CENTURYLINK.COM WATER: DUPLIN COUNTY - JEFF WILLIAMS - 910-289-7167 DONNA BROWN - 910-296-2123 - DONNAB@DUPLINCOUNTYNC.COM

SEWER: DUPLIN COUNTY - JEFF WILLIAMS - 910-289-7167 DONNA BROWN - 910-296-2123 - DONNAB@DUPLINCOUNTYNC.COM

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.

REVISED:

## 2018 ROADWAY ENGLISH STANDARD DRAWINGS

TITLE

876.04 Drainage Ditches with Class 'B' Rip Rap

STD.NO.

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:

EFFECTIVE: 01-16-18

225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
275.01	Rock Plating
300.01	Method of Pipe Installation
310.10	Driveway Pipe Construction
422.01	Bridge Approach Fills - Type IStandard Approach Fill
422.03	
	Reinforced Bridge Approach Fills - Type A Alternate Approach Fill for Integral Abutment
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
654.01	Pavement Repairs
815.02	Subsurface Drain
840.00	Concrete Base Pad for Drainage Structures
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
840.46	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
862.01	GuardrailPlacement
862.02	GuardrailInstallation
862.03	Structure Anchor Units
862.04	Anchoring End of Guardrail- B-77 and B-83 Anchor Units
876.02	Guide for Rip Rap at Pipe Outlets

SHEET NUMBER

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2C-I

2C-2

3B-I THRU 3B-2

3G-I

4 THRU 5

RW-ITHRU RW-4

TMP-ITHRU TMP-7

EC-ITHRU EC-7

RF-I

UC-I THRU UC-6

UO-I THRU UO-3

X-IA

X-I THRU X-9

S-ITHRU S-34

SIGN-I THRU SIGN-5