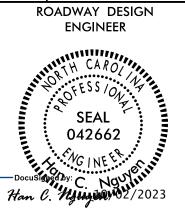
PROJECT REFERENCE NO	<b>)</b> .	SHEET NO.
B-5981		/A
	R	DADWAY DESIGN ENGINEER



**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED** 

INDEX OF SHEETS

SHEET NUMBER SHEET

TITLE SHEET

1 A INDEX OF SHEETS, GENERAL NOTES, AND STANDARD DRAWINGS

CONVENTIONAL SYMBOLS 1 B

2A-1 THRU 2A-2 PAVEMENT SCHEDULE AND TYPICAL SECTIONS

INTERSECTION DETAIL 2B-1 2C-1 THRU 2C-3 SPECIAL DETAILS

2G-1 THRU 2G-2 GEOTECHNICAL DETAILS 3B-1 ROADWAY SUMMARIES 3D-1 DRAINAGE SUMMARIES 3G-1 GEOTECHNICAL SUMMARIES

3P-1 PARCEL INDEX SHEET PLAN SHEETS 4 THRU 5 6 THRU 7 PROFILE SHEETS RW01 THRU RW05 RIGHT OF WAY PLANS

TMP-1 THRU TMP-7 TRAFFIC MANAGEMENT PLANS PMP-1 THRU PMP-3 PAVEMENT MARKING PLANS EC-1 THRU EC-7 EROSION CONTROL PLANS UO-1 THRU UO-3 UTILITIES BY OTHERS SIGN-1 THRU SIGN-3 SIGNING PLANS

X-1CROSS-SECTION INDEX SHEET X-1ACROSS-SECTION SUMMARY SHEET

X-2 THRU X-16 CROSS-SECTIONS

S1-1 THRU S1-43 STRUCTURE PLANS, BRIDGE #16 (NEW STRUCTURE) STRUCTURE PLANS, BRIDGE #17 (REHAB STRUCTURE) S2-1 THRU S2-31

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

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

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

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:

PROPER TIE-IN.

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 AT&T CENTURYLINK

CHARTER COMMUNICATIONS DUKE ENERGY

PIEDMONT NATURAL GAS COMPANY DUPLIN COUNTY WATER

TOWN OF CALYPSO

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 CONTRACT.

EFF. 01-16-2018

2018 ROADWAY ENGLISH STANDARD DRAWINGS

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:

REV.

TITLE

STD.NO. DIVISION 2 - EARTHWORK 200.03 Method of Clearing - Method III

225.02 Guide for Grading Subgrade - Secondary and Local 225.03 Deceleration and Acceleration Lanes 225.04 Method of Obtaining Superelevation - Two Lane Pavement

DIVISION 3 - PIPE CULVERTS

300.01 Method of Pipe Installation 310.10 Driveway Pipe Construction

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

806.01 Concrete Right-of-Way Marker

815.02 Subsurface Drain

Concrete Pads - for Shoulder Drain Installation 840.00 Concrete Base Pad for Drainage Structures

Brick Open Throat Catch Basin – 12" thru 48" Pipe 840.05

Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe 840.18

840.24 Frames and Narrow Slot Sag Grates 840.25 Anchorage for Frames - Brick or Concrete or Precast

Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe

840.36 Traffic Bearing Grated Drop Inlet - for Steel (840.37) Double Frame and Grates

840.37 Steel Grate and Frame

840.45 Precast Drainage Structure

840.46 Traffic Bearing Precast Drainage Structure 840.66 Drainage Structure Steps

840.72 Pipe Collar

Concrete Curb, Gutter and Curb & Gutter

846.04 Drop Inlet Installation in Shoulder Berm Gutter

Guardrail Placement 862.01

862.02 Guardrail Installation

Structure Anchor Units 862.03 862.04 Anchoring End of Guardrail - B-77 and B-83 Anchor Units

876.02 Guide for Rip Rap at Pipe Outlets

876.04 Drainage Ditches with Class 'B' Rip Rap