INDEX OF SHEETS

SHEET

SHEET NUMBER

2C-1

2C-2

2C-3

GENERAL NOTES: 2024 SPECIFICATIONS TITLE SHEET INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS CONVENTIONAL SYMBOLS GRADE LINE:

PAVEMENT SCHEDULE AND TYPICAL SECTIONS 2A-1 THRU 2A-4 THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED 2B-1 THRU 2B-2 INTERSECTION DETAIL SHEETS RAILROAD DETAIL SHEET ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE TEMPORARY WIDENING DETAIL SHEET 2B-4 PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A ROLLED CURB AND GUTTER DETAIL PROPER TIE-IN. RAILROAD INTERSECTION DETAIL SHEET 2B-6 CLEARING: METHOD OF PIPE INSTALLATION FLEXIBLE PIPE

METHOD OF PIPE INSTALLATION RIGID PIPE EXTRA DEPTH CONCRETE CATCH BASIN

2C-4 SPECIAL DI 840D14 2C-5 CONCRETE MEDIAN DROP INLET TYPE 'A' EXTRA DEPTH OVER 12' TO 25'

2C-6 CONCRETE SIDEWALK 2C-7 CURB RAMP PARALLEL RAMP

2C-8 MEDIAN CURB FOR TRAFFIC BEARING GRATED DROP INLET

2C-9 THRU 2C-10 **GUARDRAIL PLACEMENT DETAIL OF TEMPORARY 1" STEEL COVER** 2C-11 OVER DRAINAGE STRUCTURE

3B-1 THRU 3B-3 ROADWAY SUMMARIES 3D-1 THRU 3D-15 DRAINAGE SUMMARY SHEETS GEOTECH SUMMARIES 3G - 1 3P - 1 PARCEL INDEX SHEET 4 THRU 11 PLAN SHEETS 12 THRU 18 PROFILE SHEETS

RW-1 THRU RW-11 RIGHT OF WAY SHEETS TMP-1 THRU TMP-30 TRANSPORTATION MANAGEMENT PLANS PMP-1 THRU PMP-9 PAVEMENT MARKING PLANS EC-1 THRU EC-19 EROSION CONTROL PLANS SIGN-1 THRU SIGN-11 SIGNING PLANS UC-1 THRU UC-16 UTILITY CONSTRUCTION PLANS

UTILITY BY OTHERS PLANS

CROSS-SECTIONS INDEX OF SHEETS

X-1A THRU X-1C CROSS-SECTIONS SUMMARY X-2 THRU X-94 CROSS-SECTIONS C1-1 THRU C1-12 CULVERT 1 PLANS C2-1 THRU C2-11 **CULVERT 2 PLANS** C3-1 THRU C3-17 CULVERT 3 PLANS

UO-1 THRU UO-11

X - 1

EFFECTIVE: 01-01-2024

GENERAL NOTES

GRADING AND SURFACING OR RESURFACINGAND WIDENING:

SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILESSHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT

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

SUBSURFACE DRAINS:

SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER.

SIDE ROAD:

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.

DRIVEWAYS:

DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.03 AT LOCATIONS SHOWN ON PLANS OR AS 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".

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE: POWER - DUKE ENERGY POWER - NEW LUMBERTON ELECTRIC UTILITIES TELECOMMUNICATIONS - AT&T CATV - TIME WARNER FIBER OPTIC - WINDSTREAM

FIBER OPTIC - CROWN CASTLE NATURAL GAS - PIEDMONT NATURAL GAS WATER & SEWER - CITY OF LUMBERTON

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.

CURB RAMPS:

CURB RAMPS ARE SHOWN ON THE PLANS AT APPROXIMATE LOCATIONS. CONSTRUCT ALL CURB RAMPS ACCORDANCE WITH STD 848.06.

STANDARD DRAWINGS

EFF. January, 2024 2024 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, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

TITLE

DIVISION 2 - EARTHWORK

STD.NO.

Method of Clearing - Method II

Guide for Grading Subgrade - Secondary and Local

Method of Obtaining Superelevation - Two Lane Pavement Method of Grading Sight Distance at Intersections

DIVISION 3 - PIPE CULVERTS

Method of Pipe Installation Driveway Pipe Construction

DIVISION 5 - SUBGRADE, BASES AND SHOULDERS

Method of Shoulder Construction - High Side of Superelevated Curve - Method I

DIVISION 6 - ASPHALT BASES AND PAVEMENT

654.01 Pavement Repairs - For Superpave Mix Types

DIVISION 8 - INCIDENTALS

Subsurface Drain - Installation in Grass Medians and Roundabouts.

Concrete Base Pad for Drainage Structures

Brick Catch Basin - 12" thru 54" Pipe

Concrete Catch Basin - 12" thru 54" Pipe

840.03 Frame, Grates and Hood - for Use on Standard Catch Basin

Concrete Open Throat Catch Basin - 12" thru 48" Pipe 840.04

Brick Open Throat Catch Basin - 12" thru 48" Pipe

Concrete Drop Inlet - 12" thru 30" Pipe

Brick Drop Inlet - 12" thru 30" Pipe

Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15

Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe

Frames and Narrow Slot Sag Grates

Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe

Frames and Narrow Slot Flat Grates

Traffic Bearing Junction Box - for Use with Pipes 42" and Under

Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates

Traffic Bearing Grated Drop Inlet - For Steel (840.37) Double Frame and Grates.

Steel Grate and Frame 840.37

840.45 Precast Drainage Structure

Traffic Bearing Precast Drainage Structure

840.54 Manhole Frame and Cover

Drainage Structure Steps

840.71 Concrete and Brick Pipe Plug

840.72 Pipe Collar

846.01 Concrete Curb, Gutter and Curb & Gutter

Concrete Sidewalk

848.01

848.03 Driveway Turnout - Drop Curb Type

848.04 Street Turnout 848.06 Curb Ramp

Concrete Islands 852.01

Median Curb for Catch Basin - for Use with 1'-6'' Curb and Gutter

Method for Placement of Drop Inlets in Concrete Islands

Guardrail Placement 862.01

Guardrail Installation

Rip Rap in Channels and Ditches