PROJECT REFERENCE NO. SHEET NO. 1-5710 /Α

ROADWAY DESIGN ENGINEER OFESS SEAL 024929 Clinton J. Morgan7/8/2016

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

INDEX OF SHEETS

GENERAL NOTES

LIST OF STANDARDS

EFF. 01-17-2012 REV. 10-30-2012 2012 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, 2012 are applicable to this project and by reference hereby are considered a part of these plans:

TITLE STD.NO.

DIVISION 2 - EARTHWORK

200.03 Method of Clearing - Method III

Guide for Grading Subgrade - Secondary and Local

225.04 Method of Obtaining Superelevation - Two Lane Pavement

DIVISION 3 - PIPE CULVERTS

300.01 Method of Pipe Installation

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

665.01 Asphalt Shoulders - Milled Rumble Strips

DIVISION 8 - INCIDENTALS

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

838.80 Precast Endwalls - 12" thru 72" Pipe 90 Skew

840.00 Concrete Base Pad for Drainage Structures

840.20 Frames and Wide Slot Flat Grates

840.25 Anchorage for Frames - Brick or Concrete or Precast

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

Traffic Bearing Precast Drainage Structure

840.54 Manhole Frame and Cover

Drainage Structure Steps

840.72 Pipe Collar

846.01 Concrete Curb, Gutter and Curb & Gutter

Drop Inlet Installation in Shoulder Berm Gutter

Guardrail Placement

862.02 Guardrail Installation

876.02 Guide for Rip Rap at Pipe Outlets

SHEET NUMBER SHEET TITLE SHEET 1 A INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS 1 B CONVENTIONAL SYMBOLS 1C -1 THRU 1C-4 SURVEY CONTROL SHEETS 2A-1 THRU 2A-2 PAVEMENT SCHEDULE, TYPICAL SECTIONS, WEDGING DETAIL, AND MILLING DETAIL 2C-1TEMPORARY GUARDRAIL ANCHOR UNIT DETAIL 2G-1STANDARD TEMPORARY SHORING DETAILS 3B-1 SUMMARY OF EARTHWORK, SHOULDER BERM GUTTER, DRAINAGE, GUARDRAIL, AND PAVEMENT REMOVAL SUMMARY OF AGGREGATE SUBGRADE/ 3G-1 STABILIZATION 4 THRU 11 PLAN SHEETS 12 THRU 13 PROFILE SHEETS TMP-1 THRU TMP-32 TRANSPORTATION MANAGEMENT PLANS EC-1 THRU EC-13 EROSION CONTROL PLANS

PAVEMENT MARKING AND SIGNING PLANS SIGN-1 THRU SIGN-7

INTELLIGENT TRANSPORTATION SYSTEMS PLANS ITS-1 THRU ITS-25

W-1 THRU W-4 RETAINING WALL PLANS

CROSS-SECTION INDEX OF SHEETS X - OX-1ACROSS-SECTION SUMMARY SHEET

X-1 THRU X-29 CROSS-SECTIONS

2012 SPECIFICATIONS

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

REVISED:

GRADING AND SURFACING OR RESURFACING AND WIDENING:

EFFECTIVE: 01-17-2012

07-30-2012

CLEARING:

GENERAL NOTES:

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

PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL

SHOULDER CONSTRUCTION:

SECTIONS.

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.

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".