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:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	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
310.02	Parallel Pipe End Section - Precast Concrete Section for 15" to 24" Pipe
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs
DIVISION 8 - INCIDENTALS	
840.02	Concrete Catch Basin - 12" thru 54" Pipe
840.03	Frame, Grates and Hood - for Use on Standard Catch Basin
840.14	Concrete Drop Inlet - 12" thru 30" Pipe
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15
840.24	Frames and Narrow Slot Sag Grates
840.66	Drainage Structure Steps
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
848.03	Driveway Turnout - Drop Curb Type
848.05	Curb Ramp - Proposed Curb & Gutter
866.01	Chain Link Fence - 4', 5' and 6' High Fence
876.02	Guide for Rip Rap at Pipe Outlets
DIVISION 9 - SIGNING	
901.70	Sign Stringers and Support Spacing
903.10	Ground Mounted Sign Supports
903.20	Wood Sign Post
903.20	Mounting of Type 'D', 'E', and 'F' Signs on Wood Posts
904.10	Orientation of Ground Mounted Signs
904.50	Mounting of Type 'D', 'E', and 'F' Signs on 'U' Channel Posts
DIVISION 11 - TRAFFIC CONTROL	
1101.01	Work Zone Advance Warning Signs for Facilities ≤ 55 MPH
1101.02	Temporary Lane Closures
1101.04	Temporary Shoulder closures
1101.11	Traffic Control Design Tables
1110.01	Stationary Work Zone Signs
1110.02	Portable Work Zone Signs
1130.01	Drum
1145.01	Barricades
1165.01	Work Vehicle Lighting Systems and TMA Delineation
1180.01	Skinny Drums
DIVISION 16 - EROSION CONTROL AND ROADSIDE DEVELOPMENT	
1605.01	Temporary Silt Fence
1631.01	Matting Installation

GENERAL NOTES:

2012 SPECIFICATIONS
EFFECTIVE: 01-17-12
REVISED: 07-30-12

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:

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

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 PLANS:

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

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE
DUKE ENERGY - LEE BRUTON 910.512.2707
PENDER CO. WATER - BOB FOREMAN 910.604.1482
AT&T - CHRIS BENTZ 910.619.5500
CHARTER CABLE - NICK BROWN 910.329.1775

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET, ALIGNMENT AND SHEET LAYOUT
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
1-C	SURVEY CONTROL SHEET
2 THRU 2-J	PAVEMENT SCHEDULE, TYPICAL SECTIONS AND PROJECT DETAILS
3B-1 THRU 3D-2	EARTHWORK AND DRAINAGE SUMMARIES
4 THRU 10	PLAN SHEETS, VERTICAL PROFILE SHEETS
PM-1 THRU PM-6	PAVEMENT MARKING LAYOUT SHEET & PAVEMENT MARKING PLANS
EC-1 THRU EC-7	EROSION CONTROL PLANS
X-1A	CROSS-SECTION SUMMARY SHEET
X-1 THRU X-8	CROSS-SECTIONS

NORTH CAROLINA PROFESSIONAL SEAL 037439 ENGINEER DAVID B. LEONARD
DocuSigned by: David B. Leonard
4/25/2017 | 11:08 AM PDT
DIVISION DESIGN ENGINEER

8/17/99
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