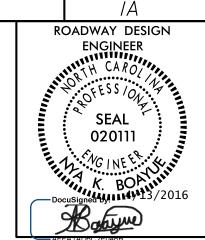
PROJECT REFERENCE NO.
B-4461



SHEET NO.

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
200.03	Method of Clearing - Method III
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
310.10	Driveway Pipe Construction
DIVISION	4 - MAJOR STRUCTURES
422.11	Reinforced Bridge Approach Fills - Sub Regional Tier
DIVISION !	5 - SUBGRADE, BASES AND SHOULDERS
560.01	Method of Shoulder Construction – High Side of Superelevated Curve – Method I
DIVISION	8 - INCIDENTAL
806.01	Concrete Right of Way Marker
806.02	Granite Right of Way Marker
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	Guardrail Placement
862.02	Guardrail Installation
876.01	Rip Rap in Channels
876.02	Guide for Rip Rap at Pipe Outlets

INDEX OF SHEETS GENERAL NOTES: 2012 SPECIFICATIONS EFFECTIVE: 01-17-2012 SHEET NUMBER SHEETS REVISED: 10-31-2014 TITLE SHEET GRADING AND SURFACING OR RESURFACING AND WIDENING: INDEX OF SHEETS, GENERAL NOTES, AND LIST OF 1 A THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED STANDARD DRAWINGS 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 CONVENTIONAL SYMBOLS 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 1C-1 SURVEY CONTROL SHEET PROPER TIE-IN. 2A-1 PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND CLEARING: WEDGING DETAIL CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY 2C-1 DETAIL OF MODIFIED SHOULDER BERM GUTTER METHOD III. 2C-2 DETAIL OF STRUCTURE ANCHOR UNITS SUPERELEVATION: 3B-1 SUMMARY OF PIPES 48" AND UNDER, GUARDRAIL ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH SUMMARY, AND TEMPORARY GUARDRAIL SUMMARY 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 3B-2 SUMMARY OF EARTHWORK AND PAVEMENT REMOVAL SECTIONS. SHOULDER CONSTRUCTION: 3G-1 GEOTECHNICAL SUMMARIES ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF PLAN SHEET SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01 DETOUR PLAN SHEET SIDE ROADS: PROFILE SHEET THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. TRAFFIC MANAGEMENT PLANS THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED. PAVEMENT MARKING PLAN GUARDRAIL: EC-1 THRU EC-6 EROSION CONTROL PLANS THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING RF-1 REFORESTATION PLAN CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL. SIGN-1 THRU SIGN-2 SIGNING PLANS TEMPORARY SHORING: UC-1 THRU UC-6 UTILITY CONSTRUCTION PLANS UO-1 THRU UO-2 UTILITES BY OTHERS PLANS WORK" IN ACCORDANCE WITH SECTION 104-7. CROSS-SECTION SUMMARY SHEET X-1 END BENTS: X-2 THRU X-8 CROSS-SECTIONS S-1 THRU S-23 STRUCTURE PLANS APPROACHING A BRIDGE.

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA

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

UTILITIES:

UTILITY OWNERS ON THIS PROJECT ARE DUKE ENERGY (POWER), PSNC (GAS), AT&T OF NC (TELEPHONE), WINDSTREAM (TELEPHONE), CENTURYLINK (TELEPHONE), AND CHATHAM COUNTY (WATER).

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.