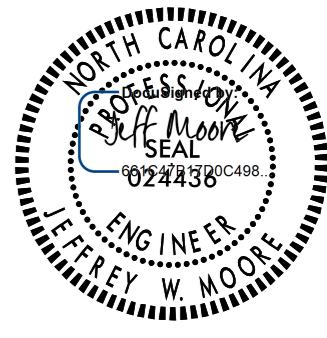


STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJECT REFERENCE NO. <i>B-5345</i>	SHEET NO. <i>1A</i>
ROADWAY DESIGN ENGINEER	
	
4/17/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

GENERAL NOTES

2012 SPECIFICATIONS

EFFECTIVE: 01-17-12
REVISED: 07/30/12

GRADE LINE:

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.

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

DIVISION 4 - MAJOR STRUCTURES
422.II 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 - INCIDENTALS
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
876.02 GUIDE FOR RIP RAP AT PIPE OUTLETS
876.04 DRAINAGE DITCHES WITH CLASS 'B' RIP RAP

B-5345
GUILFORD COUNTY

SHEET NUMBER	SHEET	INDEX OF SHEETS
I	TITLE SHEET	
IA	INDEX OF SHEETS, GENERAL NOTES, LIST OF ROADWAY STANDARD DRAWINGS	
IB	CONVENTIONAL SYMBOLS SHEET	
IC-1	SURVEY CONTROL SHEET	
2A-1 THRU 2A-2	PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND MISCELLANEOUS DETAILS	
2B-1	DETOUR PLAN SHEET	
2C-1	DETAIL FOR TYPE III STRUCTURE ANCHOR UNITS	
3B-1	SUMMARY OF EARTHWORK	
3B-2	SUMMARIES OF GUARDRAIL, SHOULDER BERM GUTTER, AND REMOVAL OF EXISTING ASPHALT PAVEMENT	
3D-1	SUMMARY OF DRAINAGE QUANTITIES	
3G-1	GEOTECHNICAL SUMMARIES	
4	PLAN SHEET	
5	PROFILE SHEET	
TMP-1 THRU TMP-5	TRANSPORTATION MANAGEMENT PLANS	
PMP-1	PAVEMENT MARKING PLAN	
EC-1 THRU EC-6	EROSION CONTROL PLANS	
RF-1	REFORESTATION PLANS	
SIGN-1 THRU SIGN-2	SIGNING PLANS	
UC-1 THRU UC-6	UTILITY CONSTRUCTION PLANS	
UO-1 THRU UO-3	UTILITIES BY OTHERS PLANS	
X-1A	CROSS-SECTION SUMMARY SHEET	
X-1 THRU X-9	CROSS-SECTIONS	
S-1 THRU S-19	STRUCTURE PLANS	

CLEARING:

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.

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 WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

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:
CITY OF GREENSBORO (WATER AND SEWER)
PIEDMONT NATURAL GAS
AT&T (TELEPHONE)

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS, EXCEPT AS SHOWN ON PLANS.

RIGHT-OF-WAY MARKERS:

ALL RIGHT-OF-WAY MARKERS SHALL BE PLACED BY OTHERS.

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3/27/2017