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**LIST OF STANDARDS**

STD.NO.	TITLE	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:		
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 5	SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I	
DIVISION 6	ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs	
DIVISION 8	INCIDENTALS	
815.03	Pipe Underdrain and Blind Drain	
838.01	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 Concrete Endwall - For Single 12" thru 72" Pipe 90 Skew	
840.00	Concrete Base Pad for Drainage Structures	
840.14	Concrete Drop Inlet - 12" thru 30" Pipe	
840.15	Brick Drop Inlet - 12" thru 30" Pipe	
840.16	Drop Inlet Frame and Grates - for use with Std. Dwg 840.14 and 840.15	
840.17	Concrete Grated Drop Inlet Type 'A' - 12" thru 72" Pipe	
840.22	Frames and Wide Slot Sag Grates	
840.25	Anchorage for Frames - Brick or Concrete or Precast	
840.26	Brick Grated Drop Inlet Type 'A' - 12" thru 72" Pipe	
840.31	Concrete Junction Box - 12" thru 66" Pipe	
840.32	Brick Junction Box - 12" thru 66" Pipe	
840.45	Precast Drainage Structure	
840.66	Drainage Structure Steps	
840.71	Concrete and Brick Pipe Plug	
840.72	Pipe Collar	
862.01	Guardrail Placement	
862.02	Guardrail Installation	
876.01	Rip Rap in Channels	
876.02	Guide for Rip Rap at Pipe Outlets	
876.04	Drainage Ditches with Class 'B' Rip Rap	

**GENERAL NOTES**

GENERAL NOTES:	2012 SPECIFICATIONS	EFFECTIVE: 01-17-2012 REVISED: 07-30-2012
GRADING AND SURFACING OR RESURFACING AND WIDENING:	<p>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.</p>	
CLEARING:	<p>CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.</p>	
SUPERELEVATION:	<p>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 SECTIONS.</p>	
SHOULDER CONSTRUCTION:	<p>ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01.</p>	
SIDE ROADS:	<p>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.</p>	
UNDERDRAINS:	<p>UNDERDRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.03 AT LOCATIONS DIRECTED BY THE ENGINEER.</p>	
GUARDRAIL:	<p>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.</p>	
TEMPORARY SHORING:	<p>SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.</p>	
SUBSURFACE PLANS:	<p>NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATIONS AS TO THE SUBSURFACE CONDITIONS.</p>	
UTILITIES:	<p>UTILITY OWNERS ON THIS PROJECT ARE: DUKE ENERGY (ELECTRIC POWER) AND FRONTIER COMM. (TELEPHONE).</p> <p>ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.</p>	
ROCK:	<p>ROCK IS ANTICIPATED BETWEEN -L- STA. 10+00 - 223+20.52. BLASTING MAY BE REQUIRED FOR EXCAVATION ON THE PROJECT. SEE SECTION 220 OF THE STANDARD SPECIFICATIONS AND IF APPLICABLE, ROCK BLASTING PROVISION.</p>	

